



TECHNISCHE PRODUKTINFORMATION

WALTHER FLENDER  
ZAHNRIEMENSCHNEIBEN

3D CAD DATEN  
ZAHNSCHNEIBEN  
ONLINE



 **WALTHER FLENDER®**  
IHR EXPORTE FÜR DEN PERFEKTEN ANTRIEB

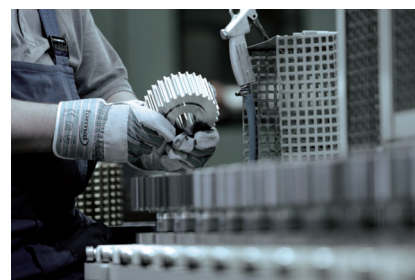
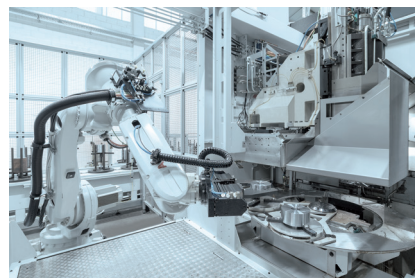
## WALTHER FLENDER ZAHNRIEMENSCHLEIBEN

### Optimiert für Ihren Anwendungsfall und weltweit verfügbar

Perfekt auf unsere Zahnriemen abgestimmt, bieten wir Ihnen vollständig auf Ihre Anforderungen zugeschnittene Zahnriemenscheiben nach Zeichnung sowie ein umfassendes Standardprogramm an.

Wir fertigen für Sie an insgesamt 5 Fertigungsstandorten in Europa & Asien mit einem umfassenden Maschinenpark, in dem sich Spitzentechnologie mit technischem Know-how vereint.

Durch die Auswahl an unterschiedlichsten Materialien und Oberflächenbehandlungen, sind wir in der Lage immer die optimale Riemenscheibe für Ihren Anwendungsfall zu produzieren, ob in kleinerer Stückzahl oder aber auch als Großserie, mit Außendurchmessern von 10 bis 1.500 mm.



#### Erfahren Sie mehr über

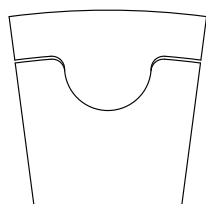
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### Walther Flender Zahnriemenscheiben – Die optimale Kombination

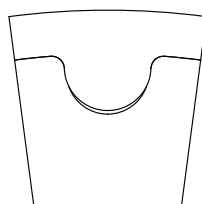
Eine optimale Riemenauswahl - unter Berücksichtigung der geforderten Lebensdauer - kann nie pauschal getroffen werden, sondern ergibt sich immer aus den individuellen Anforderungen der jeweiligen Anwendung sowie den Umgebungsbedingungen, wie z.B. Temperaturbereich, Öle & Chemikalien, etc.

Wird der Antriebsriemen anwendungsspezifisch ausgewählt und perfekt auf die Zahnscheibe abgestimmt, optimiert sich nicht nur der Wirkungsgrad, sondern auch die Lebensdauer des gesamten Antriebs.

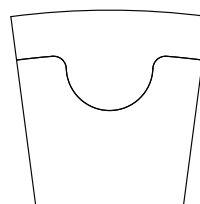
Kombiniert man unterschiedliche Profile der Zahnriemen mit nicht geeigneten Zahnscheibenprofilen führt dieses zu einem mangelhaften Eingriff des Riemenzahns in die Scheibe und dementsprechend zu einer deutlich reduzierten Lebensdauer sowie einem erhöhten Ausfallrisiko des gesamten Riemenantriebes.



Luft oben



Luft unten



Passend

**Wir empfehlen daher dringend den Einsatz von einheitlichen Verzahnungsprofilen von Zahnriemen und Zahnriemenscheiben.**

*Alle Angaben, Berechnungen und sonstigen Informationen beruhen auf unserem aktuellen Wissensstand und wurden mit großer Sorgfalt erstellt. Die vorliegenden Daten sind unverbindlich und dienen ausschließlich Informationszwecken. Weitere Informationen finden Sie unter [www.walther-flender.de](http://www.walther-flender.de)*

## Walther Flender Zahnriemenscheiben – Lieferprogramm

### Zahnriemenantriebe zur Kraftübertragung

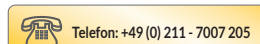


|                                                 |                        |                                     | Anwendungsoptimierte Ausführungen |                                         |
|-------------------------------------------------|------------------------|-------------------------------------|-----------------------------------|-----------------------------------------|
| Riementype/<br>Teilung                          | Standard-<br>sortiment | Auftrags-<br>bezogene<br>Produktion | Spielarme<br>Verzahnung           | Geräusch-<br>reduzierende<br>Verzahnung |
| Walther Flender ADVANCED / Powergrip® GT3 / GT4 |                        |                                     |                                   |                                         |
| 2M                                              |                        | ⊙                                   |                                   |                                         |
| 3M                                              |                        | ⊙                                   |                                   |                                         |
| 5M                                              |                        | ⊙                                   |                                   |                                         |
| 8M                                              | ⊙                      | ⊙                                   | ⊙                                 | ⊙                                       |
| 14M                                             | ⊙                      | ⊙                                   | ⊙                                 | ⊙                                       |
| Powergrip® GTX                                  |                        |                                     |                                   |                                         |
| 8M                                              | ⊙                      | ⊙                                   | ⊙                                 | ⊙                                       |
| 14M                                             | ⊙                      | ⊙                                   | ⊙                                 | ⊙                                       |
| Walther Flender CLASSIC / Powergrip® HTD®       |                        |                                     |                                   |                                         |
| 3M                                              | ⊙                      | ⊙                                   |                                   |                                         |
| 5M                                              | ⊙                      | ⊙                                   |                                   |                                         |
| 8M                                              | ⊙                      | ⊙                                   | ⊙                                 | ⊙                                       |
| 14M                                             | ⊙                      | ⊙                                   | ⊙                                 | ⊙                                       |
| 20M                                             |                        | ⊙                                   |                                   |                                         |
| Twin Power® Doppelzahnriemen                    |                        |                                     |                                   |                                         |
| 5M                                              | ⊙                      | ⊙                                   |                                   |                                         |
| 8M                                              | ⊙                      | ⊙                                   | ⊙                                 | ⊙                                       |
| 14M                                             | ⊙                      | ⊙                                   | ⊙                                 | ⊙                                       |
| Zöllige Teilungen                               |                        |                                     |                                   |                                         |
| MXL                                             |                        | ⊙                                   |                                   |                                         |
| XL                                              |                        | ⊙                                   |                                   |                                         |
| L                                               |                        | ⊙                                   |                                   |                                         |
| H                                               |                        | ⊙                                   |                                   |                                         |
| XH                                              |                        | ⊙                                   |                                   |                                         |
| XXH                                             |                        | ⊙                                   |                                   |                                         |
| PolyChain®                                      |                        |                                     |                                   |                                         |
| PC 5 MGT                                        |                        | ⊙                                   |                                   |                                         |
| PCV 8 MGT                                       | ⊙                      | ⊙                                   | ⊙                                 | ⊙                                       |
| PCV 14 MGT                                      | ⊙                      | ⊙                                   |                                   | ⊙                                       |
| Polyurethan Formzahnriemen                      |                        |                                     |                                   |                                         |
| T 2,5                                           | ⊙                      | ⊙                                   | ⊙                                 |                                         |
| T 5 / DT5                                       | ⊙                      | ⊙                                   | ⊙                                 |                                         |
| T10 / DT10                                      | ⊙                      | ⊙                                   | ⊙                                 |                                         |
| AT 3                                            |                        | ⊙                                   | ⊙                                 |                                         |
| AT 5                                            | ⊙                      | ⊙                                   | ⊙                                 |                                         |
| AT10                                            | ⊙                      | ⊙                                   | ⊙                                 |                                         |
| Polyurethan Zahnriemen WF Flex                  |                        |                                     |                                   |                                         |
| T 5                                             | ⊙                      | ⊙                                   | ⊙                                 |                                         |
| T 10                                            | ⊙                      | ⊙                                   | ⊙                                 |                                         |
| T 20                                            |                        | ⊙                                   | ⊙                                 |                                         |
| AT 5                                            | ⊙                      | ⊙                                   | ⊙                                 |                                         |
| AT 10                                           | ⊙                      | ⊙                                   | ⊙                                 |                                         |
| AT 20                                           |                        | ⊙                                   | ⊙                                 |                                         |
| 5M                                              | ⊙                      | ⊙                                   |                                   |                                         |
| 8M                                              | ⊙                      | ⊙                                   | ⊙                                 |                                         |
| 14M                                             | ⊙                      | ⊙                                   |                                   |                                         |

### Heber- und Linearzahnriemenantriebe



|                                      |                        |                                     | Anwendungsoptimierte Ausführungen |                                                  |
|--------------------------------------|------------------------|-------------------------------------|-----------------------------------|--------------------------------------------------|
| Riementype/<br>Teilung               | Standard-<br>sortiment | Auftrags-<br>bezogene<br>Produktion | Spielarme<br>Verzahnung           | Spezialver-<br>zahnung für<br>Heberan-<br>triebe |
| Neopren Meterware Powergrip® PGGT-LL |                        |                                     |                                   |                                                  |
| 3MR                                  |                        | ⊙                                   |                                   |                                                  |
| 5MR                                  |                        | ⊙                                   |                                   |                                                  |
| 8MR                                  |                        | ⊙                                   |                                   |                                                  |
| Neopren Meterware Powergrip® HTD®-LL |                        |                                     |                                   |                                                  |
| 3M                                   | ⊙                      | ⊙                                   |                                   |                                                  |
| 5M                                   | ⊙                      | ⊙                                   |                                   |                                                  |
| 8M                                   | ⊙                      | ⊙                                   |                                   |                                                  |
| 14M                                  | ⊙                      | ⊙                                   |                                   | ⊙                                                |
| PolyChain® Meterware PC-LL (GT2)     |                        |                                     |                                   |                                                  |
| PC-LL 8M                             | ⊙                      | ⊙                                   |                                   |                                                  |
| PC-LL 14M                            | ⊙                      | ⊙                                   |                                   |                                                  |
| Polyurethan Meterware                |                        |                                     |                                   |                                                  |
| T 2,5                                | ⊙                      | ⊙                                   | ⊙                                 |                                                  |
| T 5                                  | ⊙                      | ⊙                                   | ⊙                                 |                                                  |
| T 10                                 | ⊙                      | ⊙                                   | ⊙                                 |                                                  |
| T 20                                 |                        | ⊙                                   | ⊙                                 |                                                  |
| AT 5                                 | ⊙                      | ⊙                                   | ⊙                                 |                                                  |
| AT 10                                | ⊙                      | ⊙                                   | ⊙                                 |                                                  |
| AT 20                                |                        | ⊙                                   | ⊙                                 |                                                  |
| 5M                                   | ⊙                      | ⊙                                   |                                   |                                                  |
| 8M                                   | ⊙                      | ⊙                                   | ⊙                                 |                                                  |
| 14M                                  | ⊙                      | ⊙                                   |                                   | ⊙                                                |
| HPL 3                                |                        | ⊙                                   |                                   |                                                  |
| HPL 5                                |                        | ⊙                                   |                                   |                                                  |
| HPL 8                                | ⊙                      | ⊙                                   |                                   |                                                  |
| HPL 14                               | ⊙                      | ⊙                                   |                                   | ⊙                                                |
| Selbstführend:                       |                        |                                     |                                   |                                                  |
| T5V / T10V                           |                        | ⊙                                   | ⊙                                 |                                                  |
| AT5V / AT10V                         |                        | ⊙                                   | ⊙                                 |                                                  |
| Polyurethan Breitriemen              |                        |                                     |                                   |                                                  |
| WT 10                                |                        | ⊙                                   | ⊙                                 |                                                  |
| Neopren Flachriemen (Liftpower™)     |                        |                                     |                                   |                                                  |
| 30- 150 mm Breite                    |                        | ⊙                                   |                                   |                                                  |
| Polyurethan Flachriemen (BLACK FLAT) |                        |                                     |                                   |                                                  |
| BFL 20-48                            |                        | ⊙                                   |                                   |                                                  |



Modellieren Sie in nur wenigen Augenblicken  
jede Zahnscheibe Ihrer Wahl.  
Nutzen Sie den Walther Flender

**3D ZAHNSCHEIBEN  
ONLINEKONFIGURATOR**

unter [www.walther-flender.de](http://www.walther-flender.de)

## Walther Flender Zahnriemenscheiben – Anwendungsoptimierte Ausführungen

Für besonders langlebige Zahnriemenantriebe z.B.



mit einer hohen Positioniergenauigkeit



für den Einsatz in der Lebensmittelindustrie



mit einer möglichst geringen Geräuschentwicklung



in Anwendungen mit hohen Geschwindigkeiten

empfehlen wir die anwendungsspezifische Auswahl sowohl des Werkstoffes als auch der Verzahnung und der Oberflächenbehandlung. Wir fertigen für Sie anwendungsoptimierte Zahnriemenscheiben für Ihren individuellen Einsatzfall nach Ihrer Zeichnung. Gerne beraten wir Sie auch zu Sonderbearbeitungen wie z.B. Schleifen und Wuchten.

## Walther Flender Zahnriemenscheiben – Anwendungsspezifische Werkstoffe

Auf Grund der teilweisen hohen Riemenleistungen und -geschwindigkeiten sowie der vielfältigen Umgebungsbedingungen empfehlen wir den Einsatz besonders verschleißfester Werkstoffe. Wir bieten hier eine umfangreiche Auswahl von Zahnriemenscheiben aus Stahl und hochfesten Aluminium-Materialien an, auch Edelstahl- und Kunststoffscheiben gehören zu unserem Lieferprogramm.

| Bezeichnung                                                                                                                        | Werkstoff-Nr. | Internationale Werkstoffnormen |            |             |             |        | Eigenschaften                 | Zugfestigkeit [N/mm²] | Streckgrenze [N/mm²] |
|------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------------|------------|-------------|-------------|--------|-------------------------------|-----------------------|----------------------|
|                                                                                                                                    |               | DIN (Deutschland)              | AISI (USA) | JIS (Japan) | GB (China)  | UNS*   |                               |                       |                      |
| Stähle (St): Wirtschaftlicher und verschleißfester Standardwerkstoff für Zahnriemenscheiben, zum Einsatz von Spannsätzen geeignet  |               |                                |            |             |             |        |                               |                       |                      |
| St 37-2                                                                                                                            | 1.0037        | gemäß DIN EN 10025             | 1015       | STPG370     | Q235A       | G10150 | Standard                      | 360-510               | ca. 235              |
| S 235 JR                                                                                                                           |               |                                |            |             |             |        |                               |                       |                      |
| C45                                                                                                                                | 1.0503        | gemäß DIN EN 10083             | 1045       | S45C        | 45 (U20452) | G10450 | Standard                      | 580-660               | ca. 400              |
| St 52-3                                                                                                                            | 1.0570        | gemäß DIN EN 10025             | LF2        | SGV480      | Q345        | K03011 | gut schweißbar                | 450 - 630             | ca. 280              |
| S 355 J2                                                                                                                           |               |                                |            |             |             |        |                               |                       |                      |
| 9SMn28K                                                                                                                            | 1.0715        | gemäß DIN EN 10087             | 1213       | SUM22       | Y35         | G12130 | gut zerspanbar                | 360-570               | ca. 305              |
| 11SMn30+C                                                                                                                          |               |                                |            |             |             |        |                               |                       |                      |
| 16 MnCr5                                                                                                                           | 1.7131        | gemäß DIN EN 10084             | NV         | G4053       | 20CrMn      | NV     | einsatzhärtbar                | 640 - 930             | ca. 440              |
| 42 CrMo4V                                                                                                                          | 1.7225        | gemäß DIN EN 10084             | 4140       | SNB7        | NV          | G41400 | hochfest                      | 750-1300              | ca. 650              |
| Edelstahl (VA): Optimal einsetzbar in der Lebensmittelindustrie, beständig gegen Chemikalien, zum Einsatz von Spannsätzen geeignet |               |                                |            |             |             |        |                               |                       |                      |
| X5CrNi18-10                                                                                                                        | 1.4301        | gemäß DIN EN 10088             | 304        | SUS304      | 06Cr19Ni10  | S30400 | nicht rostend, gut schweißbar | 500-700               | ca. 225              |
| X8CrNiS18 9                                                                                                                        | 1.4305        | gemäß DIN EN 10088             | 303        | SUS303      | Y12Cr18Ni9  | S30300 | nicht rostend, gut zerspanbar | 500 - 700             | ca. 225              |

| Bezeichnung                                                                                                                                                                | Werkstoff-Nr. | Internationale Werkstoffnormen |            |             |            |      | Eigenschaften                                                          | Zugfestigkeit [N/mm²] | Streckgrenze [N/mm²] |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------------|------------|-------------|------------|------|------------------------------------------------------------------------|-----------------------|----------------------|
|                                                                                                                                                                            |               | DIN (Deutschland)              | AISI (USA) | JIS (Japan) | GB (China) | UNS* |                                                                        |                       |                      |
| Aluminium (AL): Optimal für dynamische Antriebe, auf Grund der geringen Massenträgheitsmomente, für besonders verschleißfeste Verzahnungen Oberflächenbehandlung empfohlen |               |                                |            |             |            |      |                                                                        |                       |                      |
| AlCuMg1                                                                                                                                                                    | 3.1325        | EN AW-2017A                    | 2017A      | A2017       | H14        | NV   | gut zerspanbar<br>RoHS konform **                                      | 360-400               | ca. 250              |
| AlCuMgSi                                                                                                                                                                   |               |                                |            |             |            |      |                                                                        |                       |                      |
| AlMgSi 1                                                                                                                                                                   | 3.2315        | EN AW 6082                     | 6081       | A6061       | H30        | NV   | gut zerspanbar,<br>gut schweißbar<br>RoHS konform **                   | 270-310               | ca. 230              |
| AlSiMgMn                                                                                                                                                                   |               |                                |            |             |            |      |                                                                        |                       |                      |
| AlMg4,5Mn                                                                                                                                                                  | 3.3547        | EN AW 5083                     | 5083       | A5083       | N8         | NV   | gute Witterungs-<br>und Seewasserbe-<br>ständigkeit<br>RoHS konform ** | 270-350               | ca. 120              |
| AlMg4,5Mn0,7                                                                                                                                                               |               |                                |            |             |            |      |                                                                        |                       |                      |
| AlZnMgCu1,5                                                                                                                                                                | 3.4365        | EN AW 7075                     | 7075       | A7075       | 2L95       | NV   | hochfest<br>RoHS konform **                                            | 440-500               | ca. 440              |
| AlZn5,5MgCu                                                                                                                                                                |               |                                |            |             |            |      |                                                                        |                       |                      |

\* UNS = Unified Numbering System for Metals and Alloys

\*\* entsprechend der RoHS-Richtlinie und REACH-Verordnung in der jeweils gültigen Fassung, enthält keine SVHC-Stoffe oberhalb der zugelassenen Konzentrationen (Kenntnisstand 05/2021)

**Werkstoffe beim Einsatz von formgebundenen Werkzeugen, z.B. für Zahnräder und Zahnscheiben in Druckern, Warenausgabegeräten, etc.**

Bitte beachten Sie, dass es bei Antriebskomponenten aus diesen Werkstoffen Mindestabnahmemengen gelten und Werkzeugkosten entstehen. Bitte sprechen Sie hierzu unseren Customer Service an.

| Bezeichnung                           | Handelsnamen         | Eigenschaften            | Streckspannung 1*) 2*) |
|---------------------------------------|----------------------|--------------------------|------------------------|
| <b>Kunststoffe (Thermoplaste):</b>    |                      |                          |                        |
| PA 6 (Polyamid)                       | Ultradid,<br>Rilsan® |                          | 50 - 84                |
| PA 66GF (Polyamid)                    | Durethan             | glasfaserverstärkt       | 100 - 180              |
| PC (Polycarbonat)                     | Lexan,<br>Makrolon   | schwindungsarm           | 55 - 63                |
| POM (Polyoxymethylen)                 | Delrin,<br>Hostaform |                          | 55 - 62                |
| <b>Aluminium- bzw. Zinkdruckguss:</b> |                      |                          |                        |
| G-AlSi2                               | 3.2581.01            | gut zerspanbar           | 150 - 200              |
| G-AlMg3                               | 3.3541.01            | witterungsbeständig      | 140 - 190              |
| ZnAl4Cu1                              | Z10410               | gut zerspanbar, hochfest | 290 - 370              |

1\*) trocken/feucht

2\*) Die Spannungsangaben sind chargen- und markenabhängig.

Die angegebenen Werte dienen zur Orientierung und werden von Umweltbedingungen beeinflusst.

## Walther Flender Zahnriemenscheiben – Anwendungsspezifische Oberflächenbehandlungen

Zur Steigerung beispielsweise des Korrosionsschutzes, der Chemikalienbeständigkeit, zur Verbesserung der Oberflächenhärte und ebenso der Optik, bieten wir Ihnen eine große Bandbreite an metallischen und nichtmetallischen Oberflächenbehandlungen an. Ebenso ist eine PTFE (Teflon) Versiegelung für besonders gleitgünstige Ausführungen umsetzbar.

### Metallische Beschichtung

|     |                | Schichtdicken<br>in $\mu\text{m}$ | Toleranz<br>in in $\mu\text{m}$ | Nur bei Teilungen $\leq 5\text{mm}$ !<br>Außendurchmesser-<br>korrektur in mm | Werkstoff<br>Zahnriemen-<br>scheibe | Eigenschaften                                                                                                                                                                                                                                                                                                     |
|-----|----------------|-----------------------------------|---------------------------------|-------------------------------------------------------------------------------|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.  | Verzinken      | bis 80                            | $\pm 10$                        | je nach Vorgabe                                                               | St                                  | <b>Steigerung des Korrosionsschutz und der Chemikalienbeständigkeit</b> <ul style="list-style-type: none"> <li>Erfolgt in erwärmten sauren Elektrolyten</li> <li>Guter Korrosionsschutz nur bei absolut dichten min. 25 <math>\mu\text{m}</math> dicken Überzügen auf Eisen</li> <li>Gute Härteschicht</li> </ul> |
| 2.  | Vernickeln     | 20 - 25                           | $\pm 3$                         | DA - 0,04                                                                     | St/AL                               |                                                                                                                                                                                                                                                                                                                   |
| 3.  | Chromatieren   |                                   |                                 |                                                                               | St/AL                               | <b>Steigerung Korrosionsschutz bei gleichzeitiger Verbesserung der Optik</b><br>Nachbehandlung einer Verzinkung durch Tauchen in Lösungen von Natriumchromat und Schwefelsäure 1 ÷ 7 $\mu\text{m}$ , z.B. nur bei Salzwassereinfluss                                                                              |
| 3.1 | Dekoratv       | 1 - 2                             |                                 | keine Korrektur                                                               |                                     |                                                                                                                                                                                                                                                                                                                   |
| 3.2 | Hartverchromen | bis 100                           | $\pm 5$                         | je nach Vorgabe                                                               |                                     |                                                                                                                                                                                                                                                                                                                   |

### Nichtmetallische Beschichtung

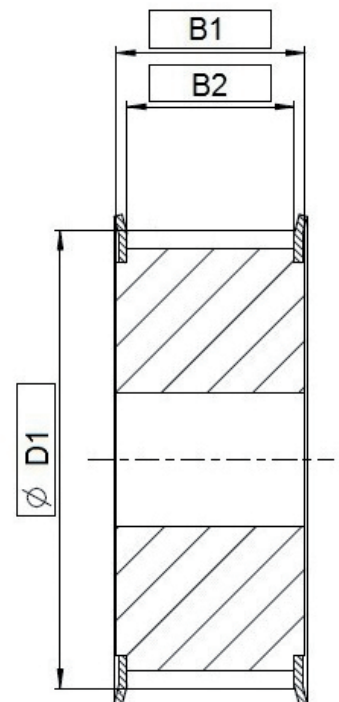
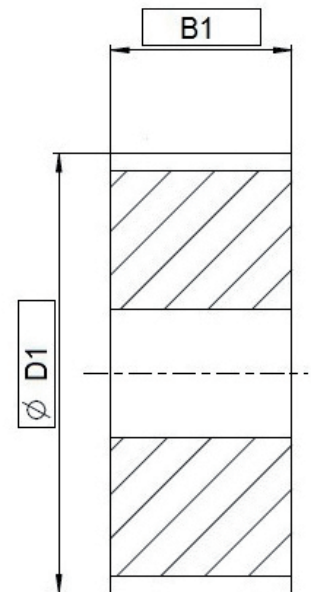
|     |                               | Schichtdicken<br>in $\mu\text{m}$ | Toleranz<br>in in $\mu\text{m}$ | Nur bei Teilungen $\leq 5\text{mm}$ !<br>Außendurchmesser-<br>korrektur in mm | Werkstoff<br>Zahnriemen-<br>scheibe | Vorteile                                                                                                                                                                                                      |
|-----|-------------------------------|-----------------------------------|---------------------------------|-------------------------------------------------------------------------------|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.  | Brünieren                     | 1 - 2                             |                                 | keine Korrektur                                                               | St                                  | <b>Mittlere Korrosionsbeständigkeit und Verbesserung der Optik</b><br>Eintauchen von Eisen in erwärmte Natronlauge, Alkali- oder Sulfatlösungen, danach wiederholt Einreiben mit Öl oder Wachs                |
| 2.  | Eloxieren                     | 10 - 25                           | $\pm 5$                         | keine Korrektur                                                               | AL                                  | <b>Steigerung der Korrosionsbeständigkeit</b><br>Erzeugen eines Oxidschicht durch elektrisches Oxidieren auf Al, Mg, Zn<br>Farbige Beschichtungen sind möglich                                                |
| 2.1 | Dekoratv                      | 1 - 2                             |                                 |                                                                               |                                     |                                                                                                                                                                                                               |
| 3.  | Phosphatieren                 | 5 - 15                            | $\pm 3$                         | DA - 0,02                                                                     | St/AL                               | <b>Mittlere Korrosionsbeständigkeit und Verbesserung der Optik</b><br>Erzeugung von Phosphatschichten durch Tauchen in phosphatsaure Lösungen von Schwer- und Alkalimetallen. Geringe Korrosionsbeständigkeit |
| 4.  | Hartcoatieren / Harteloxieren | < 40<br>>40                       | $\pm 5$<br>$\pm 10$             | DA - 0,04                                                                     | AL                                  | <b>Steigerung der Oberflächenhärte der Verzahnung und der Korrosionsbeständigkeit</b>                                                                                                                         |
| 4.1 | PTFE-Versiegelung             | ca. 3                             |                                 |                                                                               |                                     | <b>Verbesserung der Gleiteigenschaften</b><br>Nachversiegelung der Hartcoatierten Oberfläche                                                                                                                  |

Bemerkung: Bohrungen/Gewinde müssen ggf. vor der Beschichtung abgedeckt werden.

## Walther Flender Zahnriemenscheiben – Empfohlene Riemenscheibenbreiten

Die angegebenen Scheibenbreiten beinhalten einen Materialzuschlag für das Anbördeln von Bordscheiben (siehe Seite 09) und sollten möglichst nicht unterschritten werden.

| Scheibenprofil  | Riemenbreite | Kleinste Zahnbreite B2 [mm] | Kleinste Scheibenbreite mit Bordscheiben B1 [mm] 1*) | Gültig bis Zähnezahl |
|-----------------|--------------|-----------------------------|------------------------------------------------------|----------------------|
| T2,5            | 6            | 8                           | 12                                                   | 169                  |
| T 5/AT 5        | 10           | 12                          | 16                                                   | 101                  |
|                 | 16           | 18,5                        | 22,5                                                 | 101                  |
|                 | 25           | 28                          | 32                                                   | 101                  |
| T 10/AT 10      | 16           | 18,5                        | 24,5                                                 | 130                  |
|                 | 25           | 28                          | 34                                                   | 130                  |
|                 | 32           | 35                          | 41                                                   | 130                  |
|                 | 50           | 53                          | 59                                                   | 130                  |
| T 20 / AT20     | 25           | 28                          | 35                                                   | 80                   |
|                 | 32           | 35                          | 42                                                   | 80                   |
|                 | 50           | 53                          | 60                                                   | 80                   |
|                 | 75           | 78,5                        | 85,5                                                 | 80                   |
|                 | 100          | 104                         | 111                                                  | 80                   |
|                 | 150          | 155                         | 162                                                  | 80                   |
| 5M / 5MR        | 10           | 12                          | 16                                                   | 122                  |
|                 | 15           | 17,5                        | 21,5                                                 | 122                  |
|                 | 20           | 23                          | 27                                                   | 122                  |
|                 | 25           | 28                          | 32                                                   | 122                  |
|                 | 30           | 33                          | 37                                                   | 122                  |
|                 | 50           | 53                          | 57                                                   | 122                  |
| 8M / 8MR        | 10           | 12                          | 18                                                   | 162                  |
|                 | 20           | 23                          | 29                                                   | 162                  |
|                 | 30           | 33                          | 39                                                   | 162                  |
|                 | 50           | 53                          | 59                                                   | 162                  |
| 14M             | 25           | 28                          | 34                                                   | 92                   |
|                 | 40           | 43                          | 49                                                   | 92                   |
|                 | 55           | 58                          | 64                                                   | 92                   |
|                 | 85           | 89                          | 95                                                   | 92                   |
| PolyChain 8MGT  | 12           | 14,5                        | 20,5                                                 | 162                  |
|                 | 21           | 24                          | 30                                                   | 162                  |
|                 | 36           | 39                          | 45                                                   | 162                  |
|                 | 62           | 65                          | 71                                                   | 162                  |
| PolyChain 14MGT | 20           | 23                          | 29                                                   | 92                   |
|                 | 37           | 40                          | 46                                                   | 92                   |
|                 | 68           | 71,5                        | 77,5                                                 | 92                   |
|                 | 90           | 94                          | 100                                                  | 92                   |
|                 | 125          | 130                         | 136                                                  | 92                   |



1\*) Die empfohlene Standardbreite B1 bezieht sich auf Zahnscheiben mit und ohne Bordscheiben.

## Walther Flender Zahnriemenscheiben – Lage- und Formtoleranzen

| Verzahnungstyp                                                      | Außen-Ø<br>(mm)   | Toleranz (mm)<br>DIN/ISO |
|---------------------------------------------------------------------|-------------------|--------------------------|
| HTD / MR<br><br>Polychain<br><br>Supertorque<br><br>RPP<br><br>Norm | bis 26            | + 0,05                   |
|                                                                     | über 26 bis 51    | + 0,08                   |
|                                                                     | über 51 bis 102   | + 0,10                   |
|                                                                     | über 102 bis 180  | + 0,13                   |
|                                                                     | über 180 bis 305  | + 0,15                   |
|                                                                     | über 305 bis 510  | + 0,18                   |
|                                                                     | über 510 bis 765  | + 0,20                   |
|                                                                     | über 765 bis 1020 | + 0,23                   |
|                                                                     | über 1020         | + 0,25                   |
| T<br><br>AT                                                         | bis 50            | - 0,05                   |
|                                                                     | über 50 bis 175   | - 0,08                   |
|                                                                     | über 175 bis 500  | - 0,10                   |
|                                                                     | ab 501            | - 0,15                   |

Verzahnungstypen: CLASSIC (HTD) / ADVANCED (MR) / Polychain / Supertorque / RPP / T / AT / Norm

| Außen-Ø<br>(mm)  | Rundlauf<br>(mm)           | Planlauf<br>(mm)            | zul. Teilungsfehler über |                |
|------------------|----------------------------|-----------------------------|--------------------------|----------------|
|                  |                            |                             | Zwei Zahn­lücken [mm]    | 90° Bogen [mm] |
| bis 25           | + 0,04                     | + 0,045                     | 0,024                    | 0,05           |
| über 25 bis 50   | + 0,04                     | + 0,075                     | 0,024                    | 0,08           |
| über 50 bis 100  | + 0,04                     | + 0,095                     | 0,024                    | 0,10           |
| über 100 bis 180 | + 0,04                     | + 0,120                     | 0,024                    | 0,13           |
| über 180 bis 510 | 0,04 + (0,005<br>pro 10mm) | 0,12 + (0,0045<br>pro 10mm) | 0,024                    | 0,15           |
| über 510 bis 765 |                            |                             | 0,024                    | 0,18           |
| über 765         |                            |                             |                          | 0,20           |

| Breite [mm] | Parallelitätstoleranz * | Zylinderformtoleranz ** |
|-------------|-------------------------|-------------------------|
| Bis 10      | 0,01                    | 0,01                    |
| Ab 10,1     | Breite [mm] x 0,001     | Breite [mm] x 0,001     |

\* Die Lage der Zähne muß zur Achse der Bohrung parallel sein.

Bei Zahnscheiben bis 10mm Breite darf die Parallelitätstoleranz von 0,01 nicht überschritten werden.

Ab 10,1mm breite wird die Parallelitätstoleranz um 0,001mm je Millimeter breite erhöht.

\*\* Bei Zahnscheiben bis 10mm Breite darf die Zylinderformtoleranz von 0,01 nicht überschritten werden.

Ab 10,1mm breite wird die Zylinderformtoleranz um 0,001mm je Millimeter Breite erhöht, wobei zu jeder Zeit die Durchmessertoleranzen eingehalten werden müssen.

## Walther Flender Zahnriemenscheiben – Bordscheiben zur Riemenführung

Bei allen Zahnriemenantrieben wird zur Führung des Zahnriemens eine Zahnscheibe mit beiderseitigen Bordscheiben ausgeführt. Vielfach wird hierzu aus Kostengründen die kleinere Zahnscheibe vorgesehen. Es ist jedoch zu beachten, dass grundsätzlich die getriebene Zahnscheibe mit beiderseitigen Bordscheiben ausgerüstet werden sollte, da hier der auflaufende Lastrum leichter geführt werden kann. Bei sehr großen Achsabständen (Teilung x 100) und Übersetzungen ab 1:3 sowie bei vertikalen Wellenlagen müssen beide Zahnscheiben oder die größere Zahnscheibe beiderseitig Bordscheiben tragen.

Für die Fertigung Ihrer anwendungsoptimierten Zahnscheiben bieten wir Ihnen ein umfangreiches Standardprogramm von verzinkten Bordscheiben an, die Sie bezüglich der Abmessungen bei Ihren Konstruktionen berücksichtigen sollten.

Bitte beachten Sie zudem die folgenden empfohlenen Mindestzähnezahlen für die Riemenscheiben.

Die Bordscheiben sind mit einer Schrägen zur besseren Führung des Zahnriemens beim Anlaufen auf der Riemenscheibe versehen. Gerade Bordscheiben können den Nachteil haben, dass z. B. bei nicht exakt ausgerichteten Wellen der Riemenzahn an der Innenkante der Bordscheiben aufläuft und vorzeitig verschleißt. Wir raten daher von der Verwendung gerader Bordscheiben ab.

| Teilung                                 | Empf. Mindestzähnezahl der Riemenscheiben<br>$Z_{\min}$ |
|-----------------------------------------|---------------------------------------------------------|
| <b>Zahnriemen aus Neopren</b>           |                                                         |
| 2M GT3                                  | 10                                                      |
| 3M GT3                                  | 16                                                      |
| 3M HTD                                  | 10                                                      |
| 5M ADVANCED                             | 18                                                      |
| 5M CLASSIC                              | 14                                                      |
| 8M CLASSIC / ADVANCED / GT3 / GT4 / MX  | 22                                                      |
| 14M CLASSIC / ADVANCED / GT3 / GT4 / MX | 28                                                      |
| 20M HTD                                 | 34                                                      |
| <b>Zahnriemen aus Polyurethan</b>       |                                                         |
| PCV 8MGT (PolyChain® Carbon Volt™)      | 22                                                      |
| PCV 14MGT (PolyChain® Carbon Volt™)     | 28                                                      |
| PCC 5MGT-LL (PolyChain® Meterware)      | 18                                                      |
| PCC 8MGT-LL (PolyChain® Meterware)      | 22                                                      |
| PCC 14MGT-LL (PolyChain® Meterware)     | 28                                                      |
| T 2,5                                   | 12                                                      |
| T 5 /DT 5                               | 10                                                      |
| T 10 / DT10                             | 14                                                      |
| T 20                                    | 15                                                      |
| AT 5                                    | 15                                                      |
| ATL 5                                   | 15                                                      |
| AT 10                                   | 15                                                      |
| ATL 10                                  | 25                                                      |
| AT 20                                   | 18                                                      |
| ATL 20                                  | 30                                                      |
| HTD® 5M                                 | 16                                                      |
| HTD® 8M                                 | 20                                                      |
| HTD® L 8M                               | 32                                                      |
| HTD® 14 M                               | 28                                                      |
| HTD® L 14M                              | 36                                                      |
| HPL® L 3M                               | 25                                                      |
| HPL® L 5M                               | 24                                                      |
| HPL® L 8M                               | 32                                                      |
| HPL® L 14M-RSL                          | 34                                                      |

## Walther Flender Zahnriemenscheiben – Standardprogramm Bordscheiben

### Teilung 2 mm

| Zähnezahl | Code                        | A (mm) | B (mm) | C (mm) | s (mm) |
|-----------|-----------------------------|--------|--------|--------|--------|
| bis 14    | keine Standard-Bordscheiben |        |        |        |        |
| 15 – 18   | 6 XL                        | 7      | 10,5   | 16     | 1      |
| 19 – 22   | 9 XL                        | 10     | 14     | 20     | 1      |
| 23 – 26   | 10 XL                       | 12,5   | 16,5   | 23     | 1      |
| 27 – 30   | 12 XL                       | 15     | 19     | 25     | 1      |
| 31 – 38   | 14 XL                       | 16,8   | 23,8   | 28     | 1      |
| 39 – 40   | 16 XL                       | 20     | 25,4   | 32     | 1      |
| 41 – 46   | 18 XL                       | 23     | 29     | 35     | 1      |
| 47 – 51   | 20 XL                       | 26,5   | 32,5   | 38     | 1      |
| 52 – 55   | 22 XL                       | 30     | 35     | 41     | 1      |
| 56 – 60   | 24 XL                       | 33     | 38     | 44     | 1      |
| 61 – 66   | 26 XL/ 14 L                 | 37     | 42     | 48     | 1/1,5  |
| 67 – 71   | 28 XL/ 15 L                 | 39,5   | 45     | 51     | 1/1,5  |
| 72 – 76   | 30 XL/ 16 L                 | 43     | 48     | 54     | 1/1,5  |
| 77 – 80   | 17 L                        | 46     | 51     | 57     | 1,5    |
| 81 – 85   | 18 L                        | 48     | 54     | 60     | 1,5    |
| 86 – 90   | 14 H                        | 47     | 57     | 63     | 1,5    |
| 91 – 95   | 15 H                        | 51     | 60,5   | 66,5   | 1,5    |
| 96 – 101  | 16 H                        | 53     | 64     | 71     | 1,5    |
| 102 – 107 | 17 H                        | 57     | 68     | 75     | 1,5    |
| 108 – 113 | 18 H                        | 60     | 72     | 79     | 1,5    |
| 114 – 120 | 19 H                        | 64     | 76     | 83     | 1,5    |

$x_{\min} = 1,5 \text{ mm}$

### Teilung 5 mm

| Zähnezahl | Code  | A (mm) | B (mm) | C (mm) | s (mm) |
|-----------|-------|--------|--------|--------|--------|
| 13        | 12 XL | 15     | 19     | 25     | 1      |
| 14 – 15   | 14 XL | 16,8   | 23,8   | 28     | 1      |
| 16 – 17   | 16 XL | 20     | 25,4   | 32     | 1      |
| 18 – 19   | 18 XL | 23     | 29     | 35     | 1      |
| 20 – 21   | 20 XL | 26,5   | 32,5   | 38     | 1      |
| 22 – 23   | 22 XL | 30     | 35     | 41     | 1      |
| 24 – 25   | 24 XL | 33     | 38     | 44     | 1      |
| 26 – 27   | 26 XL | 37     | 42     | 48     | 1      |
| 28 – 29   | 28 XL | 39,5   | 45     | 51     | 1      |
| 30 – 31   | 30 XL | 43     | 48     | 54     | 1      |
| 32 – 33   | 17 L  | 46     | 51     | 57     | 1,5    |
| 34 – 35   | 18 L  | 48     | 54     | 60     | 1,5    |
| 36        | 14 H  | 47     | 57     | 63     | 1,5    |
| 37 – 39   | 15 H  | 51     | 60,5   | 66,5   | 1,5    |
| 40 – 41   | 16 H  | 53     | 64     | 71     | 1,5    |
| 42 – 43   | 17 H  | 57     | 68     | 75     | 1,5    |
| 44 – 46   | 18 H  | 60     | 72     | 79     | 1,5    |
| 47 – 49   | 19 H  | 64     | 76     | 83     | 1,5    |
| 50 – 51   | 20 H  | 68     | 79     | 87     | 1,5    |
| 52 – 54   | 21 H  | 73     | 84     | 91     | 1,5    |
| 55 – 56   | 22 H  | 76     | 88     | 93     | 1,5    |
| 57 – 58   | 23 H  | 79     | 91     | 97     | 1,5    |
| 59 – 61   | 24 H  | 82,5   | 96     | 103    | 1,5    |
| 62 – 64   | 25 H  | 87     | 100    | 106    | 1,5    |
| 65 – 67   | 26 H  | 91     | 105    | 111    | 1,5    |
| 68 – 69   | 27 H  | 95     | 109    | 115    | 1,5    |
| 70 – 73   | 28 H  | 99     | 114    | 119    | 1,5    |
| 74 – 77   | 30 H  | 107    | 121    | 127    | 1,5    |
| 78 – 82   | 32 H  | 116    | 129    | 135    | 1,5    |
| 83 – 85   | 33 H  | 120    | 134    | 140    | 1,5    |
| 86 – 88   | 34 H  | 126    | 139    | 146    | 1,5    |
| 89 – 92   | 36 H  | 132    | 145    | 152    | 1,5    |
| 93 – 97   | 38 H  | 140    | 154    | 160    | 1,5    |
| 98 – 100  | 40 H  | 148    | 161    | 168    | 1,5    |

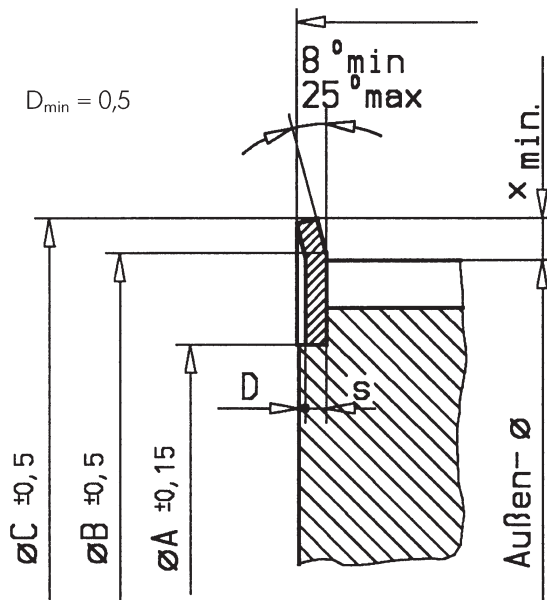
$x_{\min} = 2 \text{ mm}$

### Teilung 3 mm

| Zähnezahl | Code  | A (mm) | B (mm) | C (mm) | s (mm) |
|-----------|-------|--------|--------|--------|--------|
| 9 – 10    | –     | 5      | –      | 11     | 0,5    |
| 11 – 13   | 6 XL  | 7      | 10,5   | 16     | 1      |
| 14 – 16   | 9 XL  | 10     | 14     | 20     | 1      |
| 17 – 18   | 10 XL | 12,5   | 16,5   | 23     | 1      |
| 19 – 21   | 12 XL | 15     | 19     | 25     | 1      |
| 22 – 24   | 14 XL | 16,8   | 23,8   | 28     | 1      |
| 25 – 28   | 16 XL | 20     | 25,4   | 32     | 1      |
| 29 – 31   | 18 XL | 23     | 29     | 35     | 1      |
| 32 – 34   | 20 XL | 26,5   | 32,5   | 38     | 1      |
| 35 – 37   | 22 XL | 30     | 35     | 41     | 1      |
| 38 – 40   | 24 XL | 33     | 38     | 44     | 1      |
| 41 – 42   | –     | 32     | –      | 46     | 1      |
| 43 – 44   | 14 L  | 37     | 42     | 48     | 1,5    |
| 45 – 48   | 15 L  | 39,5   | 45     | 51     | 1,5    |
| 49 – 51   | 16 L  | 43     | 48     | 54     | 1,5    |
| 52 – 54   | 17 L  | 46     | 51     | 57     | 1,5    |
| 55 – 57   | 18 L  | 48     | 54     | 60     | 1,5    |
| 58 – 60   | 14 H  | 47     | 57     | 63     | 1,5    |
| 61 – 64   | 15 H  | 51     | 60,5   | 66,5   | 1,5    |
| 65 – 68   | 16 H  | 53     | 64     | 71     | 1,5    |
| 69 – 72   | 17 H  | 57     | 68     | 75     | 1,5    |
| 73 – 76   | 18 H  | 60     | 72     | 79     | 1,5    |
| 77 – 80   | 19 H  | 64     | 76     | 83     | 1,5    |

$x_{\min} = 1,5 \text{ mm}$

### Mindestmaterialüberstand zum funktionsgerechten Anrollen der Bordscheibe



Achtung: Je nach Winkel ist die Außenkante der Bordscheibe nicht bündig zur Stirnseite der Zahnscheibe.

**Teilung 8 mm**

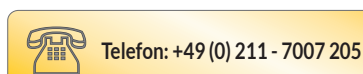
| Zähnezahl | Code    | A (mm) | B (mm) | C (mm) | s (mm) |
|-----------|---------|--------|--------|--------|--------|
| 18 – 19   | –       | 39,5   | –      | 60     | 1,5    |
| 20        | 16 L    | 43     | 48     | 54     | 1,5    |
| 21        | 17 L    | 46     | 51     | 57     | 1,5    |
| 22        | 18 L    | 48     | 54     | 60     | 1,5    |
| 23        | 14 H    | 47     | 57     | 63     | 1,5    |
| 24        | 15 H    | 51     | 60,5   | 66,5   | 1,5    |
| 25        | 16 H    | 53     | 64     | 71     | 1,5    |
| 26 – 27   | 17 H    | 57     | 68     | 75     | 1,5    |
| 28 – 29   | 18 H    | 60     | 72     | 79     | 1,5    |
| 30        | 19 H    | 64     | 76     | 83     | 1,5    |
| 31 – 32   | 20 H    | 68     | 79     | 87     | 1,5    |
| 33        | 21 H    | 73     | 84     | 91     | 1,5    |
| 34 – 35   | 22 H    | 76     | 88     | 93     | 1,5    |
| 36        | 23 H    | 79     | 91     | 97     | 1,5    |
| 37 – 38   | 24 H    | 82,5   | 96     | 103    | 1,5    |
| 39 – 40   | 25 H    | 87     | 100    | 106    | 1,5    |
| 41 – 42   | 26 H    | 91     | 105    | 111    | 1,5    |
| 43        | 27 H    | 97     | 109    | 115    | 1,5    |
| 44 – 45   | 28 H    | 99     | 114    | 119    | 1,5    |
| 46 – 48   | 30 H    | 107    | 121    | 127    | 1,5    |
| 49 – 51   | 32 H    | 116    | 129    | 135    | 1,5    |
| 52 – 53   | 33 H    | 120    | 134    | 140    | 1,5    |
| 54 – 55   | 34 H    | 126    | 139    | 146    | 1,5    |
| 56 – 57   | 36 H    | 132    | 145    | 152    | 1,5    |
| 58 – 61   | 38 H    | 140    | 154    | 160    | 1,5    |
| 62 – 64   | 40 H    | 148    | 161    | 168    | 1,5    |
| 65 – 67   | 42 H    | 156    | 170    | 176    | 1,5    |
| 68 – 70   | 44 H    | 164    | 177    | 184    | 1,5    |
| 71 – 73   | 46 H    | 172    | 186    | 192    | 1,5    |
| 74 – 77   | 48 H    | 180    | 195    | 200    | 1,5    |
| 78 – 83   | L 216   | 190    | –      | 216    | 2      |
| 84 – 92   | L 238   | 200    | –      | 238    | 2      |
| 93        | L 260   | 210    | –      | 260    | 2,5    |
| 94 – 99   | L 260 S | 230    | –      | 260    | 2      |
| 100 – 107 | L 280   | 230    | –      | 280    | 2,5    |

 $x_{\min} = 3 \text{ mm}$ **Teilung 14 mm**

| Zähnezahl | Code                                                      | A (mm) | B (mm) | C (mm) | s (mm) |
|-----------|-----------------------------------------------------------|--------|--------|--------|--------|
| 28        | L 138                                                     | 105    | 0      | 138    | 2,5    |
| 29 – 30   | L 142                                                     | 90     | 0      | 142    | 2,5    |
| 31 – 32   | L 156                                                     | 105    | 0      | 156    | 2,5    |
| 33 – 34   | L 172                                                     | 115    | 0      | 172    | 2,5    |
| 35 – 38   | L 186                                                     | 130    | 0      | 186    | 2,5    |
| 39 – 43   | L 200                                                     | 144    | 0      | 200    | 2,5    |
| 44 – 46   | L 215                                                     | 160    | 0      | 215    | 2,5    |
| 47 – 49   | L 230                                                     | 190    | 0      | 230    | 2,5    |
| 50 – 52   | L 242                                                     | 185    | 0      | 242    | 2,5    |
| 53 – 55   | L 260                                                     | 210    | 0      | 260    | 2,5    |
| 56 – 59   | L 280                                                     | 230    | 0      | 280    | 2,5    |
| 60 – 64   | L 300                                                     | 250    | 0      | 300    | 2,5    |
| 65 – 68   | L 320                                                     | 260    | 0      | 320    | 2,5    |
| 69 – 73   | L 340                                                     | 280    | 0      | 340    | 2,5    |
| 74 – 79   | L 372                                                     | 300    | 0      | 372    | 2,5    |
| 80 – 84   | L 385                                                     | 330    | 0      | 385    | 2,5    |
| 85 – 92   | L 420                                                     | 360    | 0      | 420    | 2,5    |
| > 92      | keine Standardbordscheibe,<br>Bordscheibe wird angepasst. |        |        |        |        |

 $x_{\min} = 6 \text{ mm}$ 

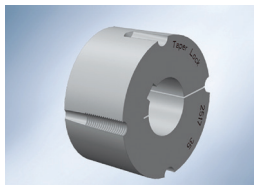
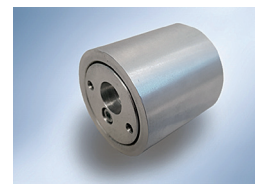
Für alle nicht aufgeführten Profile und Teilungen sprechen  
Sie bitte unsere Anwendungstechnik an.

**Die perfekte Ergänzung zu Ihrem Riemenantriebs**

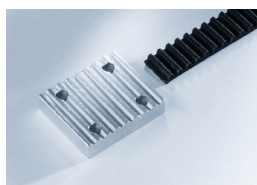
Ergänzend zu unseren Zahnriemen und Zahnriemenscheiben bieten wir Ihnen ein breites Sortiment an Zubehör an:



Spannsätze

Taperlock-  
Spannbuchsen

Spannrollen



Spannplatten

Riemenspannungs-  
messgeräte

Informationen hierzu finden Sie im Produktkatalog Zubehör für Zahnriemenantriebe.

## Walther Flender Zahnriemenscheiben – Standardprogramm

Walther Flender verfügt über ein umfassendes Sortiment an Standardzahnscheiben (siehe auch Lieferprogramm Zahnscheiben auf Seite 12) in den marktüblichen Profilen. Bitte beachten Sie, dass diese nur für Standardanwendungen geeignet sind.

Für besonders langlebige Zahnriemenantriebe mit hoher Positioniergenauigkeit, geräuschoptimierte Antriebe oder hoch dynamische Antriebe, empfehlen wir den Einsatz von anwendungsoptimierten Zahnriemenscheiben.

### CLASSIC Zahnriemenscheiben

#### Teilung 3mm

#### CL 3M 09

| Zähne-<br>zahl | Riemen-<br>breite | Bestellbezeich-<br>nung | Typ<br>(alt) | Typ<br>(neu) | Wirk-Ø<br>Zahn-<br>scheibe<br>Dw | Außen-Ø<br>Verzah-<br>nung<br>DA | Außen-Ø<br>Bord-<br>scheibe<br>D4 | Ø-Aus-<br>drehung<br>D3 | Ø-Nabe<br>D2 | Vor-<br>boh-<br>rung<br>(D1) | Ø<br>Fertig-<br>bohrung<br>D1<br>(max) | Verzahn-<br>te Breite<br>(Kranz-<br>breite)<br>B1 | An-<br>schlag-<br>länge<br>B3 | Material  | Gewicht<br>(kg) |
|----------------|-------------------|-------------------------|--------------|--------------|----------------------------------|----------------------------------|-----------------------------------|-------------------------|--------------|------------------------------|----------------------------------------|---------------------------------------------------|-------------------------------|-----------|-----------------|
| 10             | 9                 | 10 CL 3M 09 1F          | 1F           | 006-1001     | 9,55                             | 8,79                             | 13                                | —                       | 13           | —                            | 3,5                                    | 10,2                                              | 17,5                          | Aluminium | 0,004           |
| 12             | 9                 | 12 CL 3M 09 1F          | 1F           | 006-1001     | 11,46                            | 10,7                             | 15                                | —                       | 15           | —                            | 5                                      | 10,2                                              | 17,5                          | Aluminium | 0,006           |
| 14             | 9                 | 14 CL 3M 09 1F          | 1F           | 006-1001     | 13,37                            | 12,61                            | 16                                | —                       | 16           | —                            | 6                                      | 10,2                                              | 17,5                          | Aluminium | 0,007           |
| 15             | 9                 | 15 CL 3M 09 1F          | 1F           | 006-1001     | 14,32                            | 13,56                            | 17,5                              | —                       | 17,5         | —                            | 7                                      | 10,2                                              | 17,5                          | Aluminium | 0,008           |
| 16             | 9                 | 16 CL 3M 09 6F          | 6F           | 002-1002     | 15,28                            | 14,52                            | 18                                | —                       | 9,5          | 4                            | 5,5                                    | 12,8                                              | 20,6                          | Aluminium | 0,007           |
| 18             | 9                 | 18 CL 3M 09 6F          | 6F           | 002-1002     | 17,19                            | 16,43                            | 19,5                              | —                       | 10           | 6                            | 6,5                                    | 12,8                                              | 20,6                          | Aluminium | 0,008           |
| 20             | 9                 | 20 CL 3M 09 6F          | 6F           | 002-1002     | 19,1                             | 18,34                            | 23                                | —                       | 12           | 6                            | 8                                      | 12,8                                              | 20,6                          | Aluminium | 0,01            |
| 21             | 9                 | 21 CL 3M 09 6F          | 6F           | 002-1002     | 20,05                            | 19,29                            | 25                                | —                       | 13           | 6                            | 9                                      | 12,8                                              | 20,6                          | Aluminium | 0,013           |
| 22             | 9                 | 22 CL 3M 09 6F          | 6F           | 002-1002     | 21,01                            | 20,25                            | 25                                | —                       | 13           | 6                            | 9                                      | 12,8                                              | 20,6                          | Aluminium | 0,014           |
| 24             | 9                 | 24 CL 3M 09 6F          | 6F           | 002-1002     | 22,92                            | 22,16                            | 25                                | —                       | 13           | 6                            | 9                                      | 12,8                                              | 20,6                          | Aluminium | 0,016           |
| 26             | 9                 | 26 CL 3M 09 6F          | 6F           | 002-1002     | 24,83                            | 24,07                            | 28                                | —                       | 16           | 6                            | 10                                     | 12,8                                              | 20,6                          | Aluminium | 0,018           |
| 28             | 9                 | 28 CL 3M 09 6F          | 6F           | 002-1002     | 26,74                            | 25,98                            | 32                                | —                       | 18           | 6                            | 11                                     | 12,8                                              | 20,6                          | Aluminium | 0,024           |
| 30             | 9                 | 30 CL 3M 09 6F          | 6F           | 002-1002     | 28,65                            | 27,89                            | 32                                | —                       | 19           | 6                            | 12,5                                   | 12,8                                              | 20,6                          | Aluminium | 0,028           |
| 32             | 9                 | 32 CL 3M 09 6F          | 6F           | 002-1002     | 30,56                            | 29,8                             | 36                                | —                       | 22           | 6                            | 13,5                                   | 12,8                                              | 20,6                          | Aluminium | 0,032           |
| 36             | 9                 | 36 CL 3M 09 6F          | 6F           | 002-1002     | 34,38                            | 33,62                            | 38                                | —                       | 26           | 6                            | 15                                     | 13,4                                              | 22,2                          | Aluminium | 0,045           |
| 40             | 9                 | 40 CL 3M 09 6F          | 6F           | 002-1002     | 38,2                             | 37,44                            | 42                                | —                       | 28           | 6                            | 16,5                                   | 13,4                                              | 22,2                          | Aluminium | 0,055           |
| 44             | 9                 | 44 CL 3M 09 6F          | 6F           | 002-1002     | 42,02                            | 41,26                            | 48                                | —                       | 33           | 6                            | 20                                     | 13,4                                              | 22,2                          | Aluminium | 0,074           |
| 48             | 9                 | 48 CL 3M 09 6           | 6            | 002-1000     | 45,84                            | 45,08                            | —                                 | —                       | 33           | 8                            | 20                                     | 13,4                                              | 22,2                          | Aluminium | 0,074           |
| 60             | 9                 | 60 CL 3M 09 6           | 6            | 002-1000     | 57,3                             | 56,54                            | —                                 | —                       | 33           | 8                            | 20                                     | 13,4                                              | 22,2                          | Aluminium | 0,106           |
| 72             | 9                 | 72 CL 3M 09 6           | 6            | 002-1000     | 68,75                            | 67,99                            | —                                 | —                       | 33           | 8                            | 20                                     | 13,4                                              | 22,2                          | Aluminium | 0,145           |

Die Darstellung der Zahnscheibentypen finden Sie auf der Seite 20.

## CL 3M 15

| Zähnezahl | Riemenbreite | Bestellbezeichnung | Typ (alt) | Typ (neu) | Wirk-Ø Zahn-scheibe Dw | Außen-Ø Verzahnung DA | Außen-Ø Bord-scheibe D4 | Ø-Aus-drehung D3 | Ø-Nabe D2 | Vor-bohrung (D1) | Ø Fertig-bohrung D1 (max) | Verzahn-te Breite (Kranz-breite) B1 | An-schlag-länge B3 | Material  | Gewicht (kg) |
|-----------|--------------|--------------------|-----------|-----------|------------------------|-----------------------|-------------------------|------------------|-----------|------------------|---------------------------|-------------------------------------|--------------------|-----------|--------------|
| 10        | 15           | 10 CL 3M 15 1F     | 1F        | 006-1001  | 9,55                   | 8,79                  | 13                      | —                | 13        | —                | 3,5                       | 17                                  | 26                 | Aluminium | 0,006        |
| 12        | 15           | 12 CL 3M 15 1F     | 1F        | 006-1001  | 11,46                  | 10,7                  | 15                      | —                | 15        | —                | 5                         | 17                                  | 26                 | Aluminium | 0,008        |
| 14        | 15           | 14 CL 3M 15 1F     | 1F        | 006-1001  | 13,37                  | 12,61                 | 16                      | —                | 16        | —                | 6                         | 17                                  | 26                 | Aluminium | 0,01         |
| 15        | 15           | 15 CL 3M 15 1F     | 1F        | 006-1001  | 14,32                  | 13,56                 | 17,5                    | —                | 17,5      | —                | 7                         | 17                                  | 26                 | Aluminium | 0,012        |
| 16        | 15           | 16 CL 3M 15 6F     | 6F        | 002-1002  | 15,28                  | 14,52                 | 18                      | —                | 9,5       | 4                | 5,5                       | 19,5                                | 26                 | Aluminium | 0,01         |
| 18        | 15           | 18 CL 3M 15 6F     | 6F        | 002-1002  | 17,19                  | 16,43                 | 19,5                    | —                | 10        | 6                | 6,5                       | 19,5                                | 26                 | Aluminium | 0,012        |
| 20        | 15           | 20 CL 3M 15 6F     | 6F        | 002-1002  | 19,1                   | 18,34                 | 23                      | —                | 12        | 6                | 8                         | 19,5                                | 26                 | Aluminium | 0,014        |
| 21        | 15           | 21 CL 3M 15 6F     | 6F        | 002-1002  | 20,05                  | 19,29                 | 25                      | —                | 13        | 6                | 9                         | 19,5                                | 26                 | Aluminium | 0,016        |
| 22        | 15           | 22 CL 3M 15 6F     | 6F        | 002-1002  | 21,01                  | 20,25                 | 25                      | —                | 13        | 6                | 9                         | 19,5                                | 26                 | Aluminium | 0,018        |
| 24        | 15           | 24 CL 3M 15 6F     | 6F        | 002-1002  | 22,92                  | 22,16                 | 25                      | —                | 13        | 6                | 9                         | 19,5                                | 26                 | Aluminium | 0,02         |
| 26        | 15           | 26 CL 3M 15 6F     | 6F        | 002-1002  | 24,83                  | 24,07                 | 28                      | —                | 16        | 6                | 10                        | 19,5                                | 26                 | Aluminium | 0,027        |
| 28        | 15           | 28 CL 3M 15 6F     | 6F        | 002-1002  | 26,74                  | 25,98                 | 32                      | —                | 18        | 6                | 11                        | 19,5                                | 26                 | Aluminium | 0,03         |
| 30        | 15           | 30 CL 3M 15 6F     | 6F        | 002-1002  | 28,65                  | 27,89                 | 32                      | —                | 19        | 6                | 12,5                      | 19,5                                | 26                 | Aluminium | 0,035        |
| 32        | 15           | 32 CL 3M 15 6F     | 6F        | 002-1002  | 30,56                  | 29,8                  | 36                      | —                | 22        | 6                | 13,5                      | 19,5                                | 26                 | Aluminium | 0,042        |
| 36        | 15           | 36 CL 3M 15 6F     | 6F        | 002-1002  | 34,38                  | 33,62                 | 38                      | —                | 26        | 6                | 15                        | 20                                  | 30                 | Aluminium | 0,06         |
| 40        | 15           | 40 CL 3M 15 6F     | 6F        | 002-1002  | 38,2                   | 37,44                 | 42                      | —                | 28        | 6                | 16,5                      | 20                                  | 30                 | Aluminium | 0,075        |
| 44        | 15           | 44 CL 3M 15 6F     | 6F        | 002-1002  | 42,02                  | 41,26                 | 48                      | —                | 33        | 6                | 20                        | 20                                  | 30                 | Aluminium | 0,095        |
| 48        | 15           | 48 CL 3M 15 6      | 6         | 002-1000  | 45,84                  | 45,08                 | —                       | —                | 33        | 8                | 20                        | 20                                  | 30                 | Aluminium | 0,103        |
| 60        | 15           | 60 CL 3M 15 6      | 6         | 002-1000  | 57,3                   | 56,54                 | —                       | —                | 33        | 8                | 20                        | 20                                  | 30                 | Aluminium | 0,15         |
| 72        | 15           | 72 CL 3M 15 6      | 6         | 002-1000  | 68,75                  | 67,99                 | —                       | —                | 33        | 8                | 20                        | 20                                  | 30                 | Aluminium | 0,212        |

## Teilung 5mm

## CL 5M 09

| Zähnezahl | Riemenbreite | Bestellbezeichnung | Typ (alt) | Typ (neu) | Wirk-Ø Zahn-scheibe Dw | Außen-Ø Verzahnung DA | Außen-Ø Bord-scheibe D4 | Ø-Aus-drehung D3 | Ø-Nabe D2 | Vor-bohrung (D1) | Ø Fertig-bohrung D1 (max) | Verzahn-te Breite (Kranz-breite) B1 | An-schlag-länge B3 | Material  | Gewicht (kg) |
|-----------|--------------|--------------------|-----------|-----------|------------------------|-----------------------|-------------------------|------------------|-----------|------------------|---------------------------|-------------------------------------|--------------------|-----------|--------------|
| 12        | 9            | 12 CL 5M 09 6F     | 6F        | 002-1002  | 19,10                  | 17,96                 | 25                      | —                | 13        | 4                | 8                         | 14,5                                | 20                 | Stahl     | 0,028        |
| 14        | 9            | 14 CL 5M 09 6F     | 6F        | 002-1002  | 22,28                  | 21,14                 | 25                      | —                | 13        | 6                | 9                         | 14,5                                | 20                 | Stahl     | 0,034        |
| 15        | 9            | 15 CL 5M 09 6F     | 6F        | 002-1002  | 23,87                  | 22,73                 | 28                      | —                | 16        | 6                | 10                        | 14,5                                | 20                 | Stahl     | 0,042        |
| 16        | 9            | 16 CL 5M 09 6F     | 6F        | 002-1002  | 25,46                  | 24,32                 | 28                      | —                | 16        | 6                | 10,5                      | 14,5                                | 20                 | Stahl     | 0,050        |
| 18        | 9            | 18 CL 5M 09 6F     | 6F        | 002-1002  | 28,65                  | 27,51                 | 32                      | —                | 19        | 6                | 12,5                      | 14,5                                | 20                 | Stahl     | 0,070        |
| 20        | 9            | 20 CL 5M 09 6F     | 6F        | 002-1002  | 31,83                  | 30,69                 | 36                      | —                | 23        | 6                | 13,5                      | 14,5                                | 22,5               | Stahl     | 0,094        |
| 21        | 9            | 21 CL 5M 09 6F     | 6F        | 002-1002  | 33,42                  | 32,28                 | 38                      | —                | 24        | 6                | 14                        | 14,5                                | 22,5               | Stahl     | 0,110        |
| 22        | 9            | 22 CL 5M 09 6F     | 6F        | 002-1002  | 35,01                  | 33,87                 | 38                      | —                | 25,5      | 6                | 15                        | 14,5                                | 22,5               | Stahl     | 0,118        |
| 24        | 9            | 24 CL 5M 09 6F     | 6F        | 002-1002  | 38,20                  | 37,06                 | 42                      | —                | 27        | 6                | 16                        | 14,5                                | 22,5               | Stahl     | 0,145        |
| 26        | 9            | 26 CL 5M 09 6F     | 6F        | 002-1002  | 41,38                  | 40,24                 | 44                      | —                | 30        | 6                | 18                        | 14,5                                | 22,5               | Stahl     | 0,170        |
| 28        | 9            | 28 CL 5M 09 6F     | 6F        | 002-1002  | 44,56                  | 43,42                 | 48                      | —                | 30,5      | 6                | 18                        | 14,5                                | 22,5               | Stahl     | 0,200        |
| 30        | 9            | 30 CL 5M 09 6F     | 6F        | 002-1002  | 47,75                  | 46,60                 | 51                      | —                | 35        | 6                | 21                        | 14,5                                | 22,5               | Stahl     | 0,236        |
| 32        | 9            | 32 CL 5M 09 6F     | 6F        | 002-1002  | 50,93                  | 49,79                 | 54                      | —                | 38        | 8                | 23                        | 14,5                                | 22,5               | Stahl     | 0,270        |
| 36        | 9            | 36 CL 5M 09 6F     | 6F        | 002-1002  | 57,30                  | 56,16                 | 60                      | —                | 38        | 8                | 23                        | 14,5                                | 22,5               | Stahl     | 0,324        |
| 40        | 9            | 40 CL 5M 09 6F     | 6F        | 002-1002  | 63,66                  | 62,52                 | 71                      | —                | 38        | 8                | 23                        | 14,5                                | 22,5               | Stahl     | 0,400        |
| 44        | 9            | 44 CL 5M 09 6      | 6         | 002-1000  | 70,03                  | 68,89                 | —                       | —                | 38        | 8                | 23                        | 14,5                                | 25,5               | Aluminium | 0,170        |
| 48        | 9            | 48 CL 5M 09 6W     | 6W        | 002-1100  | 76,39                  | 75,25                 | —                       | 61               | 45        | 8                | 28                        | 14,5                                | 25,5               | Aluminium | 0,182        |
| 60        | 9            | 60 CL 5M 09 6W     | 6W        | 002-1100  | 95,49                  | 94,35                 | —                       | 80               | 45        | 8                | 28                        | 14,5                                | 25,5               | Aluminium | 0,230        |
| 72        | 9            | 72 CL 5M 09 6W     | 6W        | 002-1100  | 114,59                 | 113,45                | —                       | 100              | 45        | 8                | 28                        | 14,5                                | 25,5               | Aluminium | 0,270        |

Die Darstellung der Zahnscheibentypen finden Sie auf der Seite 20.

## Teilung 5mm

### CL 5M 15

| Zähnezahl | Riemenbreite | Bestellbezeichnung | Typ (alt) | Typ (neu) | Wirk-Ø Zahn-scheibe Dw | Außen-Ø Verzahnung DA | Außen-Ø Bord-scheibe D4 | Ø-Aus-drehung D3 | Ø-Nabe D2 | Vor-bohrung (D1) | Ø Fertig-bohrung D1 (max) | Verzahn-te Breite (Kranz-breite) B1 | An-schlag-länge B3 | Material  | Gewicht (kg) |
|-----------|--------------|--------------------|-----------|-----------|------------------------|-----------------------|-------------------------|------------------|-----------|------------------|---------------------------|-------------------------------------|--------------------|-----------|--------------|
| 12        | 15           | 12 CL 5M 15 6F     | 6F        | 002-1002  | 19,10                  | 17,96                 | 25                      | —                | 13        | 4                | 8                         | 20,5                                | 26                 | Stahl     | 0,034        |
| 14        | 15           | 14 CL 5M 15 6F     | 6F        | 002-1002  | 22,28                  | 21,14                 | 25                      | —                | 13        | 6                | 9                         | 20,5                                | 26                 | Stahl     | 0,046        |
| 15        | 15           | 15 CL 5M 15 6F     | 6F        | 002-1002  | 23,87                  | 22,73                 | 28                      | —                | 16        | 6                | 10                        | 20,5                                | 26                 | Stahl     | 0,056        |
| 16        | 15           | 16 CL 5M 15 6F     | 6F        | 002-1002  | 25,46                  | 24,32                 | 28                      | —                | 16        | 6                | 10,5                      | 20,5                                | 26                 | Stahl     | 0,064        |
| 18        | 15           | 18 CL 5M 15 6F     | 6F        | 002-1002  | 28,65                  | 27,51                 | 32                      | —                | 19        | 6                | 12,5                      | 20,5                                | 26                 | Stahl     | 0,086        |
| 20        | 15           | 20 CL 5M 15 6F     | 6F        | 002-1002  | 31,83                  | 30,69                 | 36                      | —                | 23        | 6                | 13,5                      | 20,5                                | 26                 | Stahl     | 0,112        |
| 21        | 15           | 21 CL 5M 15 6F     | 6F        | 002-1002  | 33,42                  | 32,28                 | 38                      | —                | 24        | 6                | 14                        | 20,5                                | 26                 | Stahl     | 0,130        |
| 22        | 15           | 22 CL 5M 15 6F     | 6F        | 002-1002  | 35,01                  | 33,87                 | 38                      | —                | 25,5      | 6                | 15                        | 20,5                                | 26                 | Stahl     | 0,140        |
| 24        | 15           | 24 CL 5M 15 6F     | 6F        | 002-1002  | 38,20                  | 37,06                 | 42                      | —                | 27        | 6                | 16                        | 20,5                                | 28                 | Stahl     | 0,180        |
| 26        | 15           | 26 CL 5M 15 6F     | 6F        | 002-1002  | 41,38                  | 40,24                 | 44                      | —                | 30        | 6                | 18                        | 20,5                                | 28                 | Stahl     | 0,220        |
| 28        | 15           | 28 CL 5M 15 6F     | 6F        | 002-1002  | 44,56                  | 43,42                 | 48                      | —                | 30,5      | 6                | 18                        | 20,5                                | 28                 | Stahl     | 0,250        |
| 30        | 15           | 30 CL 5M 15 6F     | 6F        | 002-1002  | 47,75                  | 46,60                 | 51                      | —                | 35        | 6                | 21                        | 20,5                                | 28                 | Stahl     | 0,300        |
| 32        | 15           | 32 CL 5M 15 6F     | 6F        | 002-1002  | 50,93                  | 49,79                 | 54                      | —                | 38        | 8                | 23                        | 20,5                                | 28                 | Stahl     | 0,350        |
| 36        | 15           | 36 CL 5M 15 6F     | 6F        | 002-1002  | 57,30                  | 56,16                 | 60                      | —                | 38        | 8                | 23                        | 20,5                                | 28                 | Stahl     | 0,426        |
| 40        | 15           | 40 CL 5M 15 6F     | 6F        | 002-1002  | 63,66                  | 62,52                 | 71                      | —                | 38        | 8                | 23                        | 20,5                                | 28                 | Stahl     | 0,520        |
| 44        | 15           | 44 CL 5M 15 6      | 6         | 002-1100  | 70,03                  | 68,89                 | —                       | —                | 38        | 8                | 23                        | 20,5                                | 30                 | Aluminium | 0,225        |
| 48        | 15           | 48 CL 5M 15 6W     | 6W        | 002-1100  | 76,39                  | 75,25                 | —                       | 61               | 38        | 8                | 23                        | 20,5                                | 30                 | Aluminium | 0,187        |
| 60        | 15           | 60 CL 5M 15 6W     | 6W        | 002-1100  | 95,49                  | 94,35                 | —                       | 80               | 50        | 8                | 30                        | 20,5                                | 30                 | Aluminium | 0,305        |
| 72        | 15           | 72 CL 5M 15 6W     | 6W        | 002-1100  | 114,59                 | 113,45                | —                       | 100              | 50        | 8                | 30                        | 20,5                                | 30                 | Aluminium | 0,375        |

### CL 5M 25

| Zähnezahl | Riemenbreite | Bestellbezeichnung | Typ (alt) | Typ (neu) | Wirk-Ø Zahn-scheibe Dw | Außen-Ø Verzahnung DA | Außen-Ø Bord-scheibe D4 | Ø-Aus-drehung D3 | Ø-Nabe D2 | Vor-bohrung (D1) | Ø Fertig-bohrung D1 (max) | Verzahn-te Breite (Kranz-breite) B1 | An-schlag-länge B3 | Material  | Gewicht (kg) |
|-----------|--------------|--------------------|-----------|-----------|------------------------|-----------------------|-------------------------|------------------|-----------|------------------|---------------------------|-------------------------------------|--------------------|-----------|--------------|
| 12        | 25           | 12 CL 5M 25 6F     | 6F        | 002-1002  | 19,10                  | 17,96                 | 23                      | —                | 13        | 4                | 8                         | 30,5                                | 36                 | Stahl     | 0,050        |
| 14        | 25           | 14 CL 5M 25 6F     | 6F        | 002-1002  | 22,28                  | 21,14                 | 25                      | —                | 14        | 6                | 9                         | 30,5                                | 36                 | Stahl     | 0,070        |
| 15        | 25           | 15 CL 5M 25 6F     | 6F        | 002-1002  | 23,87                  | 22,73                 | 28                      | —                | 16        | 6                | 10                        | 30,5                                | 36                 | Stahl     | 0,080        |
| 16        | 25           | 16 CL 5M 25 6F     | 6F        | 002-1002  | 25,46                  | 24,32                 | 28                      | —                | 16,5      | 6                | 10,5                      | 30,5                                | 36                 | Stahl     | 0,100        |
| 18        | 25           | 18 CL 5M 25 6F     | 6F        | 002-1002  | 28,65                  | 27,51                 | 32                      | —                | 20        | 6                | 12,5                      | 30,5                                | 36                 | Stahl     | 0,120        |
| 20        | 25           | 20 CL 5M 25 6F     | 6F        | 002-1002  | 31,83                  | 30,69                 | 36                      | —                | 23        | 6                | 13,5                      | 30,5                                | 36                 | Stahl     | 0,160        |
| 21        | 25           | 21 CL 5M 25 6F     | 6F        | 002-1002  | 33,42                  | 32,28                 | 38                      | —                | 24        | 6                | 14                        | 30,5                                | 38                 | Stahl     | 0,190        |
| 22        | 25           | 22 CL 5M 25 6F     | 6F        | 002-1002  | 35,01                  | 33,87                 | 38                      | —                | 25,5      | 6                | 15                        | 30,5                                | 38                 | Stahl     | 0,210        |
| 24        | 25           | 24 CL 5M 25 6F     | 6F        | 002-1002  | 38,20                  | 37,06                 | 42                      | —                | 27        | 6                | 16                        | 30,5                                | 38                 | Stahl     | 0,250        |
| 26        | 25           | 26 CL 5M 25 6F     | 6F        | 002-1002  | 41,38                  | 40,24                 | 44                      | —                | 30        | 6                | 18                        | 30,5                                | 38                 | Stahl     | 0,300        |
| 28        | 25           | 28 CL 5M 25 6F     | 6F        | 002-1002  | 44,56                  | 43,42                 | 48                      | —                | 30,5      | 6                | 18                        | 30,5                                | 38                 | Stahl     | 0,350        |
| 30        | 25           | 30 CL 5M 25 6F     | 6F        | 002-1002  | 47,75                  | 46,60                 | 51                      | —                | 35        | 6                | 21                        | 30,5                                | 38                 | Stahl     | 0,420        |
| 32        | 25           | 32 CL 5M 25 6F     | 6F        | 002-1002  | 50,93                  | 49,79                 | 54                      | —                | 38        | 8                | 23                        | 30,5                                | 38                 | Stahl     | 0,480        |
| 36        | 25           | 36 CL 5M 25 6F     | 6F        | 002-1002  | 57,30                  | 56,16                 | 60                      | —                | 38        | 8                | 23                        | 30,5                                | 38                 | Stahl     | 0,590        |
| 40        | 25           | 40 CL 5M 25 6F     | 6F        | 002-1002  | 63,66                  | 62,52                 | 71                      | —                | 38        | 8                | 23                        | 30,5                                | 38                 | Stahl     | 0,740        |
| 44        | 25           | 44 CL 5M 25 6      | 6         | 002-1000  | 70,03                  | 68,89                 | —                       | —                | 38        | 8                | 23                        | 30,5                                | 40                 | Aluminium | 0,320        |
| 48        | 25           | 48 CL 5M 25 6W     | 6W        | 002-1100  | 76,39                  | 75,25                 | —                       | 61               | 38        | 8                | 23                        | 30,5                                | 40                 | Aluminium | 0,275        |
| 60        | 25           | 60 CL 5M 25 6W     | 6W        | 002-1100  | 95,49                  | 94,35                 | —                       | 80               | 50        | 8                | 30                        | 30,5                                | 40                 | Aluminium | 0,435        |
| 72        | 25           | 72 CL 5M 25 6W     | 6W        | 002-1100  | 114,59                 | 113,45                | —                       | 100              | 50        | 8                | 30                        | 30,5                                | 40                 | Aluminium | 0,525        |

Die Darstellung der Zahnscheibentypen finden Sie auf der Seite 20.

## Teilung 8mm

## CL 8M 20

| Zähne-<br>zahl | Riemen-<br>breite | Bestellbezeich-<br>nung | Typ<br>(alt) | Typ<br>(neu) | Wirk-Ø<br>Zahn-<br>scheibe<br>Dw | Außen-Ø<br>Verzah-<br>nung<br>DA | Außen-Ø<br>Bord-<br>scheibe<br>D4 | Ø-Aus-<br>drehung<br>D3 | Ø-Nabe<br>D2 | Vor-<br>boh-<br>rung<br>(D1) | Ø<br>Fertig-<br>bohrung<br>D1<br>(max) | Verzahn-<br>te Breite<br>(Kranz-<br>breite)<br>B1 | An-<br>schlag-<br>länge<br>B3 | Material | Gewicht<br>(kg) |
|----------------|-------------------|-------------------------|--------------|--------------|----------------------------------|----------------------------------|-----------------------------------|-------------------------|--------------|------------------------------|----------------------------------------|---------------------------------------------------|-------------------------------|----------|-----------------|
| 22             | 20                | 22 CL 8M 20 6F          | 6F           | 002-1002     | 56,02                            | 54,65                            | 60                                | —                       | 43           | 12                           | 25                                     | 28                                                | 38                            | Stahl    | 0,540           |
| 24             | 20                | 24 CL 8M 20 6F          | 6F           | 002-1002     | 61,12                            | 59,75                            | 66                                | —                       | 45           | 12                           | 28                                     | 28                                                | 38                            | Stahl    | 0,650           |
| 26             | 20                | 26 CL 8M 20 6F          | 6F           | 002-1002     | 66,21                            | 64,84                            | 71                                | —                       | 50           | 12                           | 30                                     | 28                                                | 38                            | Stahl    | 0,800           |
| 28             | 20                | 28 CL 8M 20 6F          | 6F           | 002-1002     | 71,30                            | 70,08                            | 75                                | —                       | 50           | 15                           | 30                                     | 28                                                | 38                            | Stahl    | 0,870           |
| 30             | 20                | 30 CL 8M 20 6F          | 6F           | 002-1002     | 76,39                            | 75,13                            | 83                                | —                       | 55           | 15                           | 32                                     | 28                                                | 38                            | Stahl    | 1,020           |
| 32             | 20                | 32 CL 8M 20 6F          | 6F           | 002-1002     | 81,49                            | 80,16                            | 87                                | —                       | 60           | 15                           | 35                                     | 28                                                | 38                            | Stahl    | 1,200           |
| 34             | 20                | 34 CL 8M 20 6F          | 6F           | 002-1002     | 86,58                            | 85,22                            | 91                                | —                       | 70           | 15                           | 42                                     | 28                                                | 38                            | Stahl    | 1,400           |
| 36             | 20                | 36 CL 8M 20 6F          | 6F           | 002-1002     | 91,67                            | 90,30                            | 98,5                              | —                       | 70           | 15                           | 42                                     | 28                                                | 38                            | Stahl    | 1,550           |
| 38             | 20                | 38 CL 8M 20 6F          | 6F           | 002-1002     | 96,77                            | 95,39                            | 103                               | —                       | 75           | 15                           | 45                                     | 28                                                | 38                            | Stahl    | 1,650           |
| 40             | 20                | 40 CL 8M 20 6F          | 6F           | 002-1002     | 101,86                           | 100,49                           | 106                               | —                       | 75           | 15                           | 45                                     | 28                                                | 38                            | GG 15    | 1,740           |
| 44             | 20                | 44 CL 8M 20 6F          | 6F           | 002-1002     | 112,05                           | 110,67                           | 119                               | —                       | 75           | 15                           | 45                                     | 28                                                | 38                            | GG 15    | 2,100           |
| 48             | 20                | 48 CL 8M 20 6F          | 6F           | 002-1002     | 122,23                           | 120,86                           | 127                               | —                       | 75           | 15                           | 45                                     | 28                                                | 38                            | GG 15    | 2,440           |
| 56             | 20                | 56 CL 8M 20 6WF         | 6WF          | 002-1102     | 142,60                           | 141,23                           | 148                               | 117                     | 80           | 15                           | 45                                     | 28                                                | 38                            | GG 15    | 2,600           |
| 64             | 20                | 64 CL 8M 20 6WF         | 6WF          | 002-1102     | 162,97                           | 161,60                           | 168                               | 137                     | 80           | 15                           | 45                                     | 28                                                | 38                            | GG 15    | 2,900           |
| 72             | 20                | 72 CL 8M 20 6WF         | 6WF          | 002-1102     | 183,35                           | 181,97                           | 192                               | 158                     | 80           | 15                           | 45                                     | 28                                                | 38                            | GG 15    | 3,100           |
| 80             | 20                | 80 CL 8M 20 6A          | 6A           | 002-1200     | 203,72                           | 202,35                           | —                                 | 180                     | 90           | 15                           | 50                                     | 28                                                | 38                            | GG 15    | 3,800           |
| 90             | 20                | 90 CL 8M 20 6A          | 6A           | 002-1200     | 229,18                           | 227,81                           | —                                 | 204                     | 90           | 15                           | 50                                     | 28                                                | 38                            | GG 15    | 4,200           |
| 112            | 20                | 112 CL 8M 20 6A         | 6A           | 002-1200     | 285,21                           | 283,83                           | —                                 | 260                     | 90           | 18                           | 50                                     | 28                                                | 38                            | GG 15    | 5,200           |
| 144            | 20                | 144 CL 8M 20 6A         | 6A           | 002-1200     | 366,69                           | 365,32                           | —                                 | 341                     | 90           | 20                           | 50                                     | 28                                                | 38                            | GG 15    | 7,500           |
| 168            | 20                | 168 CL 8M 20 6A         | 6A           | 002-1200     | 427,81                           | 426,44                           | —                                 | 402                     | 100          | 20                           | 60                                     | 28                                                | 38                            | GG 15    | 10,000          |
| 192            | 20                | 192 CL 8M 20 6A         | 6A           | 002-1200     | 488,92                           | 487,55                           | —                                 | 463                     | 100          | 20                           | 60                                     | 28                                                | 38                            | GG 15    | 14,400          |

## CL 8M 30

| Zähne-<br>zahl | Riemen-<br>breite | Bestellbezeich-<br>nung | Typ<br>(alt) | Typ<br>(neu) | Wirk-Ø<br>Zahn-<br>scheibe<br>Dw | Außen-Ø<br>Verzah-<br>nung<br>DA | Außen-Ø<br>Bord-<br>scheibe<br>D4 | Ø-Aus-<br>drehung<br>D3 | Ø-Nabe<br>D2 | Vor-<br>boh-<br>rung<br>(D1) | Ø<br>Fertig-<br>bohrung<br>D1<br>(max) | Verzahn-<br>te Breite<br>(Kranz-<br>breite)<br>B1 | An-<br>schlag-<br>länge<br>B3 | Material | Gewicht<br>(kg) |
|----------------|-------------------|-------------------------|--------------|--------------|----------------------------------|----------------------------------|-----------------------------------|-------------------------|--------------|------------------------------|----------------------------------------|---------------------------------------------------|-------------------------------|----------|-----------------|
| 22             | 30                | 22 CL 8M 30 6F          | 6F           | 002-1002     | 56,02                            | 54,65                            | 60                                | —                       | 43           | 12                           | 25                                     | 38                                                | 48                            | Stahl    | 0,690           |
| 24             | 30                | 24 CL 8M 30 6F          | 6F           | 002-1002     | 61,12                            | 59,75                            | 66                                | —                       | 45           | 12                           | 28                                     | 38                                                | 48                            | Stahl    | 0,840           |
| 26             | 30                | 26 CL 8M 30 6F          | 6F           | 002-1002     | 66,21                            | 64,84                            | 71                                | —                       | 50           | 12                           | 30                                     | 38                                                | 48                            | Stahl    | 1,000           |
| 28             | 30                | 28 CL 8M 30 6F          | 6F           | 002-1002     | 71,30                            | 70,08                            | 75                                | —                       | 50           | 15                           | 30                                     | 38                                                | 48                            | Stahl    | 1,120           |
| 30             | 30                | 30 CL 8M 30 6F          | 6F           | 002-1002     | 76,39                            | 75,13                            | 83                                | —                       | 55           | 15                           | 32                                     | 38                                                | 48                            | Stahl    | 1,320           |
| 32             | 30                | 32 CL 8M 30 6F          | 6F           | 002-1002     | 81,49                            | 80,16                            | 87                                | —                       | 60           | 15                           | 35                                     | 38                                                | 48                            | Stahl    | 1,530           |
| 34             | 30                | 34 CL 8M 30 6F          | 6F           | 002-1002     | 86,58                            | 85,22                            | 91                                | —                       | 70           | 15                           | 42                                     | 38                                                | 48                            | Stahl    | 1,800           |
| 36             | 30                | 36 CL 8M 30 6F          | 6F           | 002-1002     | 91,67                            | 90,30                            | 98,5                              | —                       | 70           | 15                           | 42                                     | 38                                                | 48                            | Stahl    | 1,990           |
| 38             | 30                | 38 CL 8M 30 6F          | 6F           | 002-1002     | 96,77                            | 95,39                            | 103                               | —                       | 75           | 15                           | 45                                     | 38                                                | 48                            | Stahl    | 2,270           |
| 40             | 30                | 40 CL 8M 30 6F          | 6F           | 002-1002     | 101,86                           | 100,49                           | 106                               | —                       | 75           | 15                           | 45                                     | 38                                                | 48                            | GG 15    | 2,400           |
| 44             | 30                | 44 CL 8M 30 6F          | 6F           | 002-1002     | 112,05                           | 110,67                           | 119                               | —                       | 75           | 15                           | 45                                     | 38                                                | 48                            | GG 15    | 2,800           |
| 48             | 30                | 48 CL 8M 30 6F          | 6F           | 002-1002     | 122,23                           | 120,86                           | 127                               | —                       | 75           | 15                           | 45                                     | 38                                                | 48                            | GG 15    | 3,200           |
| 56             | 30                | 56 CL 8M 30 6WF         | 6WF          | 002-1102     | 142,60                           | 141,23                           | 148                               | 117                     | 90           | 15                           | 50                                     | 38                                                | 48                            | GG 15    | 3,600           |
| 64             | 30                | 64 CL 8M 30 6WF         | 6WF          | 002-1102     | 162,97                           | 161,60                           | 168                               | 137                     | 90           | 15                           | 50                                     | 38                                                | 48                            | GG 15    | 4,300           |
| 72             | 30                | 72 CL 8M 30 6WF         | 6WF          | 002-1102     | 183,35                           | 181,97                           | 192                               | 158                     | 95           | 15                           | 55                                     | 38                                                | 48                            | GG 15    | 4,800           |
| 80             | 30                | 80 CL 8M 30 6A          | 6A           | 002-1200     | 203,72                           | 202,35                           | —                                 | 180                     | 100          | 15                           | 60                                     | 38                                                | 48                            | GG 15    | 5,100           |
| 90             | 30                | 90 CL 8M 30 6A          | 6A           | 002-1200     | 229,18                           | 227,81                           | —                                 | 204                     | 100          | 15                           | 60                                     | 38                                                | 48                            | GG 15    | 5,700           |
| 112            | 30                | 112 CL 8M 30 6A         | 6A           | 002-1200     | 285,21                           | 283,83                           | —                                 | 260                     | 100          | 18                           | 60                                     | 38                                                | 48                            | GG 15    | 6,800           |
| 144            | 30                | 144 CL 8M 30 6A         | 6A           | 002-1200     | 366,69                           | 365,32                           | —                                 | 341                     | 100          | 20                           | 60                                     | 38                                                | 48                            | GG 15    | 9,300           |
| 168            | 30                | 168 CL 8M 30 6A         | 6A           | 002-1200     | 427,81                           | 426,44                           | —                                 | 402                     | 100          | 20                           | 60                                     | 38                                                | 48                            | GG 15    | 11,400          |
| 192            | 30                | 192 CL 8M 30 6A         | 6A           | 002-1200     | 488,92                           | 487,55                           | —                                 | 463                     | 100          | 20                           | 60                                     | 38                                                | 48                            | GG 15    | 16,000          |

Die Darstellung der Zahnscheibentypen finden Sie auf der Seite 20.

## Teilung 8mm

### CL 8M 50

| Zähnezahl | Riemenbreite | Bestellbezeichnung | Typ (alt) | Typ (neu) | Wirk-Ø Zahn-scheibe Dw | Außen-Ø Verzahnung DA | Außen-Ø Bord-scheibe D4 | Ø-Aus-drehung D3 | Ø-Nabe D2 | Vor-bohrung (D1) | Ø Fertigung D1 (max) | Verzahn-te Breite (Kranz-breite) B1 | An-schlag-länge B3 | Material | Gewicht (kg) |
|-----------|--------------|--------------------|-----------|-----------|------------------------|-----------------------|-------------------------|------------------|-----------|------------------|----------------------|-------------------------------------|--------------------|----------|--------------|
| 22        | 50           | 22 CL 8M 50 6F     | 6F        | 002-1002  | 56,02                  | 54,65                 | 60                      | —                | 43        | 12               | 28                   | 60                                  | 70                 | Stahl    | 1,000        |
| 24        | 50           | 24 CL 8M 50 6F     | 6F        | 002-1002  | 61,12                  | 59,75                 | 66                      | —                | 45        | 12               | 28                   | 60                                  | 70                 | Stahl    | 1,230        |
| 26        | 50           | 26 CL 8M 50 6F     | 6F        | 002-1002  | 66,21                  | 64,84                 | 71                      | —                | 50        | 12               | 30                   | 60                                  | 70                 | Stahl    | 1,500        |
| 28        | 50           | 28 CL 8M 50 6F     | 6F        | 002-1002  | 71,30                  | 70,08                 | 75                      | —                | 50        | 15               | 30                   | 60                                  | 70                 | Stahl    | 1,670        |
| 30        | 50           | 30 CL 8M 50 6F     | 6F        | 002-1002  | 76,39                  | 75,13                 | 83                      | —                | 55        | 15               | 32                   | 60                                  | 70                 | Stahl    | 1,970        |
| 32        | 50           | 32 CL 8M 50 6F     | 6F        | 002-1002  | 81,49                  | 80,16                 | 87                      | —                | 60        | 15               | 35                   | 60                                  | 70                 | Stahl    | 2,270        |
| 34        | 50           | 34 CL 8M 50 6F     | 6F        | 002-1002  | 86,58                  | 85,22                 | 91                      | —                | 70        | 15               | 42                   | 60                                  | 70                 | Stahl    | 2,690        |
| 36        | 50           | 26 CL 8M 50 6F     | 6F        | 002-1002  | 91,67                  | 90,30                 | 98,5                    | —                | 70        | 15               | 42                   | 60                                  | 70                 | Stahl    | 2,970        |
| 38        | 50           | 38 CL 8M 50 6F     | 6F        | 002-1002  | 96,77                  | 95,39                 | 103                     | —                | 75        | 15               | 45                   | 60                                  | 70                 | Stahl    | 3,230        |
| 40        | 50           | 40 CL 8M 50 6F     | 6F        | 002-1002  | 101,86                 | 100,49                | 106                     | —                | 75        | 18               | 45                   | 60                                  | 70                 | GG 15    | 3,500        |
| 44        | 50           | 44 CL 8M 50 6F     | 6F        | 002-1002  | 112,05                 | 110,67                | 119                     | —                | 75        | 18               | 45                   | 60                                  | 70                 | GG 15    | 3,900        |
| 48        | 50           | 48 CL 8M 50 6F     | 6F        | 002-1002  | 122,23                 | 120,86                | 127                     | —                | 80        | 18               | 45                   | 60                                  | 70                 | GG 15    | 4,300        |
| 56        | 50           | 56 CL 8M 50 10WF   | 10WF      | 001-1102  | 142,60                 | 141,23                | 148                     | 117              | 90        | 18               | 50                   | 60                                  | 60                 | GG 15    | 5,000        |
| 64        | 50           | 64 CL 8M 50 10WF   | 10WF      | 001-1102  | 162,97                 | 161,60                | 168                     | 137              | 100       | 18               | 60                   | 60                                  | 60                 | GG 15    | 5,600        |
| 72        | 50           | 72 CL 8M 50 10WF   | 10WF      | 001-1102  | 183,35                 | 181,97                | 192                     | 158              | 100       | 18               | 60                   | 60                                  | 60                 | GG 15    | 6,800        |
| 80        | 50           | 80 CL 8M 50 10A    | 10A       | 001-1200  | 203,72                 | 202,35                | —                       | 180              | 110       | 18               | 65                   | 60                                  | 60                 | GG 15    | 6,900        |
| 90        | 50           | 90 CL 8M 50 10A    | 10A       | 001-1200  | 229,18                 | 227,81                | —                       | 204              | 110       | 18               | 65                   | 60                                  | 60                 | GG 15    | 8,600        |
| 112       | 50           | 112 CL 8M 50 10A   | 10A       | 001-1200  | 285,21                 | 283,83                | —                       | 260              | 110       | 18               | 65                   | 60                                  | 60                 | GG 15    | 9,600        |
| 144       | 50           | 144 CL 8M 50 10A   | 10A       | 001-1200  | 366,69                 | 365,32                | —                       | 341              | 110       | 20               | 65                   | 60                                  | 60                 | GG 15    | 13,800       |
| 168       | 50           | 168 CL 8M 50 10A   | 10A       | 001-1200  | 427,81                 | 426,44                | —                       | 402              | 120       | 20               | 70                   | 60                                  | 60                 | GG 15    | 16,000       |
| 192       | 50           | 192 CL 8M 50 10A   | 10A       | 001-1200  | 488,92                 | 487,55                | —                       | 463              | 130       | 20               | 70                   | 60                                  | 60                 | GG 15    | 22,400       |

### CL 8M 85

| Zähnezahl | Riemenbreite | Bestellbezeichnung | Typ (alt) | Typ (neu) | Wirk-Ø Zahn-scheibe Dw | Außen-Ø Verzahnung DA | Außen-Ø Bord-scheibe D4 | Ø-Aus-drehung D3 | Ø-Nabe D2 | Vor-bohrung (D1) | Ø Fertigung D1 (max) | Verzahn-te Breite (Kranz-breite) B1 | An-schlag-länge B3 | Material | Gewicht (kg) |
|-----------|--------------|--------------------|-----------|-----------|------------------------|-----------------------|-------------------------|------------------|-----------|------------------|----------------------|-------------------------------------|--------------------|----------|--------------|
| 22        | 85           | 22 CL 8M 85 6F     | 6F        | 002-1002  | 56,02                  | 54,65                 | 60                      | —                | 43        | 12               | 28                   | 95                                  | 105                | Stahl    | 1,550        |
| 24        | 85           | 24 CL 8M 85 6F     | 6F        | 002-1002  | 61,12                  | 59,75                 | 66                      | —                | 45        | 12               | 30                   | 95                                  | 105                | Stahl    | 1,900        |
| 26        | 85           | 26 CL 8M 85 6F     | 6F        | 002-1002  | 66,21                  | 64,84                 | 71                      | —                | 50        | 12               | 32                   | 95                                  | 105                | Stahl    | 2,250        |
| 28        | 85           | 28 CL 8M 85 6F     | 6F        | 002-1002  | 71,30                  | 70,08                 | 75                      | —                | 50        | 15               | 32                   | 95                                  | 105                | Stahl    | 2,550        |
| 30        | 85           | 30 CL 8M 85 6F     | 6F        | 002-1002  | 76,39                  | 75,13                 | 83                      | —                | 55        | 15               | 32                   | 95                                  | 105                | Stahl    | 3,000        |
| 32        | 85           | 32 CL 8M 85 6F     | 6F        | 002-1002  | 81,49                  | 80,16                 | 87                      | —                | 60        | 15               | 35                   | 95                                  | 105                | Stahl    | 3,570        |
| 34        | 85           | 34 CL 8M 85 6F     | 6F        | 002-1002  | 86,58                  | 85,22                 | 91                      | —                | 70        | 15               | 42                   | 95                                  | 105                | Stahl    | 4,000        |
| 36        | 85           | 36 CL 8M 85 6F     | 6F        | 002-1002  | 91,67                  | 90,30                 | 98,5                    | —                | 70        | 15               | 42                   | 95                                  | 105                | Stahl    | 4,500        |
| 38        | 85           | 38 CL 8M 85 6F     | 6F        | 002-1002  | 96,77                  | 95,39                 | 103                     | —                | 75        | 15               | 45                   | 95                                  | 105                | Stahl    | 4,900        |
| 40        | 85           | 40 CL 8M 85 6F     | 6F        | 002-1002  | 101,86                 | 100,49                | 106                     | —                | 75        | 18               | 45                   | 95                                  | 105                | GG 15    | 5,200        |
| 44        | 85           | 44 CL 8M 85 6F     | 6F        | 002-1002  | 112,05                 | 110,67                | 119                     | —                | 75        | 18               | 45                   | 95                                  | 105                | GG 15    | 6,600        |
| 48        | 85           | 48 CL 8M 85 6F     | 6F        | 002-1002  | 122,23                 | 120,86                | 127                     | —                | 80        | 18               | 45                   | 95                                  | 105                | GG 15    | 7,600        |
| 56        | 85           | 56 CL 8M 85 6F     | 6F        | 002-1002  | 142,60                 | 141,23                | 148                     | —                | 80        | 20               | 45                   | 95                                  | 105                | GG 15    | 9,800        |
| 64        | 85           | 64 CL 8M 85 10WF   | 10WF      | 001-1102  | 162,97                 | 161,60                | 168                     | 137              | 100       | 20               | 60                   | 137                                 | 95                 | GG 15    | 10,400       |
| 72        | 85           | 72 CL 8M 85 10WF   | 10WF      | 001-1102  | 183,35                 | 181,97                | 192                     | 158              | 110       | 20               | 65                   | 158                                 | 95                 | GG 15    | 11,400       |
| 80        | 85           | 80 CL 8M 85 10A    | 10A       | 001-1200  | 203,72                 | 202,35                | —                       | 180              | 110       | 20               | 65                   | 180                                 | 95                 | GG 15    | 11,100       |
| 90        | 85           | 90 CL 8M 85 10A    | 10A       | 001-1200  | 229,18                 | 227,81                | —                       | 204              | 110       | 20               | 65                   | 204                                 | 95                 | GG 15    | 13,200       |
| 112       | 85           | 112 CL 8M 85 10A   | 10A       | 001-1200  | 285,21                 | 283,83                | —                       | 260              | 110       | 24               | 65                   | 260                                 | 95                 | GG 15    | 16,300       |
| 144       | 85           | 144 CL 8M 85 10A   | 10A       | 001-1200  | 366,69                 | 365,32                | —                       | 341              | 120       | 24               | 70                   | 341                                 | 95                 | GG 15    | 21,500       |
| 168       | 85           | 168 CL 8M 85 10A   | 10A       | 001-1200  | 427,81                 | 426,44                | —                       | 402              | 120       | 24               | 70                   | 402                                 | 95                 | GG 15    | 26,100       |
| 192       | 85           | 192 CL 8M 85 10A   | 10A       | 001-1200  | 488,92                 | 487,55                | —                       | 463              | 130       | 24               | 70                   | 463                                 | 95                 | GG 15    | 30,600       |

Die Darstellung der Zahnscheibentypen finden Sie auf der Seite 20.

## Teilung 14mm

## CL 14M 40

| Zähne-<br>zahl | Rie-<br>men-<br>breite | Bestellbezeich-<br>nung | Typ<br>(alt) | Typ<br>(neu) | Wirk-Ø<br>Zahn-<br>scheibe<br>Dw | Außen-Ø<br>Verzah-<br>nung<br>DA | Außen-Ø<br>Bord-<br>scheibe<br>D4 | Ø-Aus-<br>drehung<br>D3 | Ø-Nabe<br>D2 | Vor-<br>boh-<br>rung<br>(D1) | Ø<br>Fertig-<br>bohrung<br>D1<br>(max) | Verzahn-<br>te Breite<br>(Kranz-<br>breite)<br>B1 | An-<br>schlag-<br>länge<br>B3 | Material | Gewicht<br>(kg) |
|----------------|------------------------|-------------------------|--------------|--------------|----------------------------------|----------------------------------|-----------------------------------|-------------------------|--------------|------------------------------|----------------------------------------|---------------------------------------------------|-------------------------------|----------|-----------------|
| 28             | 40                     | 28 CL 14M 40 6F         | 6F           | 002-1002     | 124,78                           | 122,12                           | 127                               | —                       | 100          | 24                           | 60                                     | 54                                                | 69                            | GG 15    | 4,730           |
| 29             | 40                     | 29 CL 14M 40 6F         | 6F           | 002-1002     | 129,23                           | 126,57                           | 138                               | —                       | 100          | 24                           | 60                                     | 54                                                | 69                            | GG 15    | 5,090           |
| 30             | 40                     | 30 CL 14M 40 6F         | 6F           | 002-1002     | 133,69                           | 130,99                           | 138                               | —                       | 100          | 24                           | 60                                     | 54                                                | 69                            | GG 15    | 5,450           |
| 32             | 40                     | 32 CL 14M 40 6F         | 6F           | 002-1002     | 142,60                           | 139,88                           | 154                               | —                       | 100          | 24                           | 60                                     | 54                                                | 69                            | GG 15    | 6,170           |
| 34             | 40                     | 34 CL 14M 40 6F         | 6F           | 002-1002     | 151,52                           | 148,79                           | 160                               | —                       | 100          | 24                           | 60                                     | 54                                                | 69                            | GG 15    | 6,880           |
| 36             | 40                     | 36 CL 14M 40 6F         | 6F           | 002-1002     | 160,43                           | 157,68                           | 168                               | —                       | 100          | 24                           | 60                                     | 54                                                | 69                            | GG 15    | 7,600           |
| 38             | 40                     | 38 CL 14M 40 6F         | 6F           | 002-1002     | 169,34                           | 166,60                           | 183                               | —                       | 120          | 24                           | 70                                     | 54                                                | 69                            | GG 15    | 8,280           |
| 40             | 40                     | 40 CL 14M 40 6F         | 6F           | 002-1002     | 178,25                           | 175,49                           | 188                               | —                       | 120          | 24                           | 70                                     | 54                                                | 69                            | GG 15    | 9,260           |
| 44             | 40                     | 44 CL 14M 40 6F         | 6F           | 002-1002     | 196,08                           | 193,28                           | 211                               | —                       | 120          | 24                           | 70                                     | 54                                                | 69                            | GG 15    | 10,320          |
| 48             | 40                     | 48 CL 14M 40 6WF        | 6WF          | 002-1102     | 213,90                           | 211,11                           | 226                               | 172                     | 135          | 24                           | 75                                     | 54                                                | 69                            | GG 15    | 11,500          |
| 56             | 40                     | 56 CL 14M 40 6WF        | 6WF          | 002-1102     | 249,55                           | 246,76                           | 256                               | 207                     | 135          | 28                           | 75                                     | 54                                                | 69                            | GG 15    | 13,050          |
| 64             | 40                     | 64 CL 14M 40 6WF        | 6WF          | 002-1102     | 285,21                           | 282,41                           | 296                               | 242                     | 135          | 28                           | 75                                     | 54                                                | 69                            | GG 15    | 14,400          |
| 72             | 40                     | 72 CL 14M 40 6A         | 6A           | 002-1200     | 320,86                           | 318,06                           | —                                 | 278                     | 135          | 28                           | 75                                     | 54                                                | 69                            | GG 15    | 16,900          |
| 80             | 40                     | 80 CL 14M 40 6A         | 6A           | 002-1200     | 356,51                           | 353,71                           | —                                 | 314                     | 135          | 28                           | 75                                     | 54                                                | 69                            | GG 15    | 18,500          |
| 90             | 40                     | 90 CL 14M 40 6A         | 6A           | 002-1200     | 401,07                           | 398,28                           | —                                 | 358                     | 135          | 28                           | 75                                     | 54                                                | 69                            | GG 15    | 20,000          |
| 112            | 40                     | 112 CL 14M 40 6A        | 6A           | 002-1200     | 499,11                           | 496,32                           | —                                 | 456                     | 135          | 28                           | 75                                     | 54                                                | 69                            | GG 15    | 26,700          |
| 144            | 40                     | 144 CL 14M 40 6A        | 6A           | 002-1200     | 641,71                           | 638,92                           | —                                 | 600                     | 135          | 28                           | 75                                     | 54                                                | 69                            | GG 15    | 35,000          |
| 168            | 40                     | 168 CL 14M 40 6A        | 6A           | 002-1200     | 748,66                           | 745,87                           | —                                 | 706                     | 135          | 28                           | 75                                     | 54                                                | 69                            | GG 15    | 44,200          |
| 192            | 40                     | 192 CL 14M 40 6A        | 6A           | 002-1200     | 855,62                           | 852,82                           | —                                 | 813                     | 135          | 28                           | 75                                     | 54                                                | 69                            | GG 15    | 52,200          |
| 216            | 40                     | 216 CL 14M 40 6A        | 6A           | 002-1200     | 962,57                           | 959,76                           | —                                 | 920                     | 150          | 28                           | 85                                     | 54                                                | 69                            | GG 15    | 60,000          |

## CLASSIC 14M 55

| Zähne-<br>zahl | Rie-<br>men-<br>breite | Bestellbezeichnung | Typ<br>(alt) | Typ<br>(neu) | Wirk-Ø<br>Zahn-<br>scheibe<br>Dw | Außen-Ø<br>Verzah-<br>nung<br>DA | Außen-Ø<br>Bord-<br>scheibe<br>D4 | Ø-Aus-<br>drehung<br>D3 | Ø-Nabe<br>D2 | Vor-<br>boh-<br>rung<br>(D1) | Ø<br>Fertig-<br>bohrung<br>D1<br>(max) | Verzahn-<br>te Breite<br>(Kranz-<br>breite)<br>B1 | An-<br>schlag-<br>länge<br>B3 | Material | Gewicht<br>(kg) |
|----------------|------------------------|--------------------|--------------|--------------|----------------------------------|----------------------------------|-----------------------------------|-------------------------|--------------|------------------------------|----------------------------------------|---------------------------------------------------|-------------------------------|----------|-----------------|
| 28             | 55                     | 28 CL 14M 55 6F    | 6F           | 002-1002     | 124,78                           | 122,12                           | 127                               | —                       | 100          | 24                           | 60                                     | 70                                                | 85                            | GG 15    | 5,600           |
| 29             | 55                     | 29 CL 14M 55 6F    | 6F           | 002-1002     | 129,23                           | 126,57                           | 138                               | —                       | 100          | 24                           | 60                                     | 70                                                | 85                            | GG 15    | 6,100           |
| 30             | 55                     | 30 CL 14M 55 6F    | 6F           | 002-1002     | 133,69                           | 130,99                           | 138                               | —                       | 100          | 24                           | 60                                     | 70                                                | 85                            | GG 15    | 6,600           |
| 32             | 55                     | 32 CL 14M 55 6F    | 6F           | 002-1002     | 142,60                           | 139,88                           | 154                               | —                       | 100          | 24                           | 60                                     | 70                                                | 85                            | GG 15    | 7,600           |
| 34             | 55                     | 34 CL 14M 55 6F    | 6F           | 002-1002     | 151,52                           | 148,79                           | 160                               | —                       | 100          | 24                           | 60                                     | 70                                                | 85                            | GG 15    | 8,600           |
| 36             | 55                     | 36 CL 14M 55 6F    | 6F           | 002-1002     | 160,43                           | 157,68                           | 168                               | —                       | 100          | 24                           | 60                                     | 70                                                | 85                            | GG 15    | 9,600           |
| 38             | 55                     | 38 CL 14M 55 6F    | 6F           | 002-1002     | 169,34                           | 166,60                           | 183                               | —                       | 120          | 24                           | 70                                     | 70                                                | 85                            | GG 15    | 10,800          |
| 40             | 55                     | 40 CL 14M 55 6F    | 6F           | 002-1002     | 178,25                           | 175,49                           | 188                               | —                       | 120          | 24                           | 70                                     | 70                                                | 85                            | GG 15    | 11,200          |
| 44             | 55                     | 44 CL 14M 55 6F    | 6F           | 002-1002     | 196,08                           | 193,28                           | 211                               | —                       | 120          | 24                           | 70                                     | 70                                                | 85                            | GG 15    | 12,500          |
| 48             | 55                     | 48 CL 14M 55 10WF  | 10WF         | 001-1102     | 213,90                           | 211,11                           | 226                               | 172                     | 135          | 24                           | 75                                     | 70                                                | 70                            | GG 15    | 13,700          |
| 56             | 55                     | 56 CL 14M 55 10WF  | 10WF         | 001-1102     | 249,55                           | 246,76                           | 256                               | 207                     | 135          | 28                           | 75                                     | 70                                                | 70                            | GG 15    | 14,500          |
| 64             | 55                     | 64 CL 14M 55 10WF  | 10WF         | 001-1102     | 285,21                           | 282,41                           | 296                               | 242                     | 135          | 28                           | 75                                     | 70                                                | 70                            | GG 15    | 15,600          |
| 72             | 55                     | 72 CL 14M 55 10A   | 10A          | 001-1200     | 320,86                           | 318,06                           | —                                 | 278                     | 135          | 28                           | 75                                     | 70                                                | 70                            | GG 15    | 18,500          |
| 80             | 55                     | 80 CL 14M 55 10A   | 10A          | 001-1200     | 356,51                           | 353,71                           | —                                 | 314                     | 135          | 28                           | 75                                     | 70                                                | 70                            | GG 15    | 20,000          |
| 90             | 55                     | 90 CL 14M 55 10A   | 10A          | 001-1200     | 401,07                           | 398,28                           | —                                 | 358                     | 135          | 28                           | 75                                     | 70                                                | 70                            | GG 15    | 22,600          |
| 112            | 55                     | 112 CL 14M 55 10A  | 10A          | 001-1200     | 499,11                           | 496,32                           | —                                 | 456                     | 135          | 28                           | 75                                     | 70                                                | 70                            | GG 15    | 29,500          |
| 144            | 55                     | 144 CL 14M 55 10A  | 10A          | 001-1200     | 641,71                           | 638,92                           | —                                 | 600                     | 135          | 28                           | 75                                     | 70                                                | 70                            | GG 15    | 39,000          |
| 168            | 55                     | 168 CL 14M 55 10A  | 10A          | 001-1200     | 748,66                           | 745,87                           | —                                 | 706                     | 135          | 28                           | 75                                     | 70                                                | 70                            | GG 15    | 48,500          |
| 192            | 55                     | 192 CL 14M 55 10A  | 10A          | 001-1200     | 855,62                           | 852,82                           | —                                 | 813                     | 135          | 28                           | 75                                     | 70                                                | 70                            | GG 15    | 57,800          |
| 216            | 55                     | 216 CL 14M 55 10A  | 10A          | 001-1200     | 962,57                           | 959,76                           | —                                 | 920                     | 150          | 28                           | 85                                     | 70                                                | 70                            | GG 15    | 67,000          |

Die Darstellung der Zahnscheibentypen finden Sie auf der Seite 20.

## Teilung 14mm

### CL 14M 85

| Zähne-<br>zahl | Rie-<br>men-<br>breite | Bestellbezeichnung | Typ<br>(alt) | Typ<br>(neu) | Wirk-Ø<br>Zahn-<br>scheibe<br>Dw | Außen-Ø<br>Verzah-<br>nung<br>DA | Außen-Ø<br>Bord-<br>scheibe<br>D4 | Ø-<br>Ausdre-<br>hung<br>D3 | Ø-Nabe<br>D2 | Vor-<br>boh-<br>rung<br>(D1) | Ø<br>Fertig-<br>bohrung<br>D1<br>(max) | Verzahn-<br>te Breite<br>(Kranz-<br>breite)<br>B1 | An-<br>schlag-<br>länge<br>B3 | Material | Gewicht<br>(kg) |
|----------------|------------------------|--------------------|--------------|--------------|----------------------------------|----------------------------------|-----------------------------------|-----------------------------|--------------|------------------------------|----------------------------------------|---------------------------------------------------|-------------------------------|----------|-----------------|
| 28             | 85                     | 28 CL 14M 85 6F    | 6F           | 002-1002     | 124,78                           | 122,12                           | 127                               | —                           | 100          | 24                           | 60                                     | 102                                               | 117                           | GG 15    | 7,700           |
| 29             | 85                     | 29 CL 14M 85 6F    | 6F           | 002-1002     | 129,23                           | 126,57                           | 138                               | —                           | 100          | 24                           | 60                                     | 102                                               | 117                           | GG 15    | 8,400           |
| 30             | 85                     | 30 CL 14M 85 6F    | 6F           | 002-1002     | 133,69                           | 130,99                           | 138                               | —                           | 100          | 24                           | 60                                     | 102                                               | 117                           | GG 15    | 9,100           |
| 32             | 85                     | 32 CL 14M 85 6F    | 6F           | 002-1002     | 142,60                           | 139,88                           | 154                               | —                           | 100          | 24                           | 60                                     | 102                                               | 117                           | GG 15    | 10,500          |
| 34             | 85                     | 34 CL 14M 85 6F    | 6F           | 002-1002     | 151,52                           | 148,79                           | 160                               | —                           | 100          | 24                           | 60                                     | 102                                               | 117                           | GG 15    | 11,900          |
| 36             | 85                     | 36 CL 14M 85 6F    | 6F           | 002-1002     | 160,43                           | 157,68                           | 168                               | —                           | 100          | 32                           | 60                                     | 102                                               | 117                           | GG 15    | 13,200          |
| 38             | 85                     | 38 CL 14M 85 6F    | 6F           | 002-1002     | 169,34                           | 166,60                           | 183                               | —                           | 120          | 32                           | 70                                     | 102                                               | 117                           | GG 15    | 15,150          |
| 40             | 85                     | 40 CL 14M 85 6F    | 6F           | 002-1002     | 178,25                           | 175,49                           | 188                               | —                           | 135          | 32                           | 75                                     | 102                                               | 117                           | GG 15    | 17,100          |
| 44             | 85                     | 44 CL 14M 85 6F    | 6F           | 002-1002     | 196,08                           | 193,28                           | 211                               | —                           | 135          | 32                           | 75                                     | 102                                               | 117                           | GG 15    | 23,300          |
| 48             | 85                     | 48 CL 14M 85 6F    | 6F           | 002-1002     | 213,90                           | 211,11                           | 226                               | —                           | 150          | 32                           | 85                                     | 102                                               | 117                           | GG 15    | 25,000          |
| 56             | 85                     | 56 CL 14M 85 10WF  | 10WF         | 001-1102     | 249,55                           | 246,76                           | 256                               | 207                         | 150          | 32                           | 85                                     | 207                                               | 102                           | GG 15    | 25,000          |
| 64             | 85                     | 64 CL 14M 85 10WF  | 10WF         | 001-1102     | 285,21                           | 282,41                           | 296                               | 242                         | 150          | 32                           | 85                                     | 242                                               | 102                           | GG 15    | 30,500          |
| 72             | 85                     | 72 CL 14M 85 10A   | 10A          | 001-1200     | 320,86                           | 318,06                           | —                                 | 278                         | 150          | 32                           | 85                                     | 278                                               | 102                           | GG 15    | 28,800          |
| 80             | 85                     | 80 CL 14M 85 10A   | 10A          | 001-1200     | 356,51                           | 353,71                           | —                                 | 314                         | 150          | 32                           | 85                                     | 314                                               | 102                           | GG 15    | 30,100          |
| 90             | 85                     | 90 CL 14M 85 10A   | 10A          | 001-1200     | 401,07                           | 398,28                           | —                                 | 358                         | 150          | 32                           | 85                                     | 358                                               | 102                           | GG 15    | 33,000          |
| 112            | 85                     | 112 CL 14M 85 10A  | 10A          | 001-1200     | 499,11                           | 496,32                           | —                                 | 456                         | 150          | 32                           | 85                                     | 456                                               | 102                           | GG 15    | 41,800          |
| 144            | 85                     | 144 CL 14M 85 10A  | 10A          | 001-1200     | 641,71                           | 638,92                           | —                                 | 600                         | 150          | 32                           | 85                                     | 600                                               | 102                           | GG 15    | 52,400          |
| 168            | 85                     | 168 CL 14M 85 10A  | 10A          | 001-1200     | 748,66                           | 745,87                           | —                                 | 706                         | 150          | 32                           | 85                                     | 706                                               | 102                           | GG 15    | 60,300          |
| 192            | 85                     | 192 CL 14M 85 10A  | 10A          | 001-1200     | 855,62                           | 852,82                           | —                                 | 813                         | 165          | 32                           | 95                                     | 813                                               | 102                           | GG 15    | 70,200          |
| 216            | 85                     | 216 CL 14M 85 10A  | 10A          | 001-1200     | 962,57                           | 959,76                           | —                                 | 920                         | 165          | 32                           | 95                                     | 920                                               | 102                           | GG 15    | 81,000          |

### CL 14M 115

| Zähne-<br>zahl | Rie-<br>men-<br>breite | Bestellbezeichnung | Typ<br>(alt) | Typ<br>(neu) | Wirk-Ø<br>Zahn-<br>scheibe<br>Dw | Außen-Ø<br>Verzah-<br>nung<br>DA | Außen-Ø<br>Bord-<br>scheibe<br>D4 | Ø-<br>Ausdre-<br>hung<br>D3 | Ø-Nabe<br>D2 | Vor-<br>boh-<br>rung<br>(D1) | Ø<br>Fertig-<br>bohrung<br>D1<br>(max) | Verzahn-<br>te Breite<br>(Kranz-<br>breite)<br>B1 | An-<br>schlag-<br>länge<br>B3 | Material | Gewicht<br>(kg) |
|----------------|------------------------|--------------------|--------------|--------------|----------------------------------|----------------------------------|-----------------------------------|-----------------------------|--------------|------------------------------|----------------------------------------|---------------------------------------------------|-------------------------------|----------|-----------------|
| 28             | 115                    | 28 CL 14M 115 6F   | 6F           | 002-1002     | 124,78                           | 122,12                           | 127                               | —                           | 100          | 32                           | 60                                     | 133                                               | 148                           | GG 15    | 9,200           |
| 29             | 115                    | 29 CL 14M 115 6F   | 6F           | 002-1002     | 129,23                           | 126,57                           | 138                               | —                           | 100          | 32                           | 60                                     | 133                                               | 148                           | GG 15    | 10,200          |
| 30             | 115                    | 30 CL 14M 115 6F   | 6F           | 002-1002     | 133,69                           | 130,99                           | 138                               | —                           | 100          | 32                           | 60                                     | 133                                               | 148                           | GG 15    | 11,200          |
| 32             | 115                    | 32 CL 14M 115 6F   | 6F           | 002-1002     | 142,60                           | 139,88                           | 154                               | —                           | 100          | 32                           | 60                                     | 133                                               | 148                           | GG 15    | 13,200          |
| 34             | 115                    | 34 CL 14M 115 6F   | 6F           | 002-1002     | 151,52                           | 148,79                           | 160                               | —                           | 100          | 32                           | 60                                     | 133                                               | 148                           | GG 15    | 14,800          |
| 36             | 115                    | 36 CL 14M 115 6F   | 6F           | 002-1002     | 160,43                           | 157,68                           | 168                               | —                           | 120          | 32                           | 70                                     | 133                                               | 148                           | GG 15    | 16,600          |
| 38             | 115                    | 38 CL 14M 115 6F   | 6F           | 002-1002     | 169,34                           | 166,60                           | 183                               | —                           | 135          | 32                           | 70                                     | 133                                               | 148                           | GG 15    | 19,200          |
| 40             | 115                    | 40 CL 14M 115 6F   | 6F           | 002-1002     | 178,25                           | 175,49                           | 188                               | —                           | 140          | 32                           | 75                                     | 133                                               | 148                           | GG 15    | 20,560          |
| 44             | 115                    | 44 CL 14M 115 6F   | 6F           | 002-1002     | 196,08                           | 193,28                           | 211                               | —                           | 150          | 32                           | 80                                     | 133                                               | 148                           | GG 15    | 21,930          |
| 48             | 115                    | 48 CL 14M 115 6F   | 6F           | 002-1002     | 213,90                           | 211,11                           | 226                               | —                           | 150          | 32                           | 80                                     | 133                                               | 148                           | GG 15    | 25,000          |
| 56             | 115                    | 56 CL 14M 115 6F   | 6F           | 002-1002     | 249,55                           | 246,76                           | 256                               | —                           | 150          | 32                           | 85                                     | 133                                               | 148                           | GG 15    | 27,500          |
| 64             | 115                    | 64 CL 14M 115 10WF | 10WF         | 001-1102     | 285,21                           | 282,41                           | 296                               | 242                         | 150          | 32                           | 85                                     | 133                                               | 133                           | GG 15    | 30,100          |
| 72             | 115                    | 72 CL 14M 115 10A  | 10A          | 001-1200     | 320,86                           | 318,06                           | —                                 | 278                         | 150          | 32                           | 85                                     | 133                                               | 133                           | GG 15    | 32,830          |
| 80             | 115                    | 80 CL 14M 115 10A  | 10A          | 001-1200     | 356,51                           | 353,71                           | —                                 | 314                         | 150          | 32                           | 85                                     | 133                                               | 133                           | GG 15    | 35,550          |
| 90             | 115                    | 90 CL 14M 115 10A  | 10A          | 001-1200     | 401,07                           | 398,28                           | —                                 | 358                         | 150          | 32                           | 85                                     | 133                                               | 133                           | GG 15    | 41,000          |
| 112            | 115                    | 112 CL 14M 115 10A | 10A          | 001-1200     | 499,11                           | 496,32                           | —                                 | 456                         | 150          | 32                           | 85                                     | 133                                               | 133                           | GG 15    | 54,400          |
| 144            | 115                    | 144 CL 14M 115 10A | 10A          | 001-1200     | 641,71                           | 638,92                           | —                                 | 600                         | 165          | 32                           | 95                                     | 133                                               | 133                           | GG 15    | 67,800          |
| 168            | 115                    | 168 CL 14M 115 10A | 10A          | 001-1200     | 748,66                           | 745,87                           | —                                 | 706                         | 165          | 32                           | 95                                     | 133                                               | 133                           | GG 15    | 75,800          |
| 192            | 115                    | 192 CL 14M 115 10A | 10A          | 001-1200     | 855,62                           | 852,82                           | —                                 | 813                         | 165          | 32                           | 95                                     | 133                                               | 133                           | GG 15    | 88,300          |
| 216            | 115                    | 216 CL 14M 115 10A | 10A          | 001-1200     | 962,57                           | 959,76                           | —                                 | 920                         | 165          | 32                           | 95                                     | 133                                               | 133                           | GG 15    | 98,000          |

Die Darstellung der Zahnscheibentypen finden Sie auf der Seite 20.

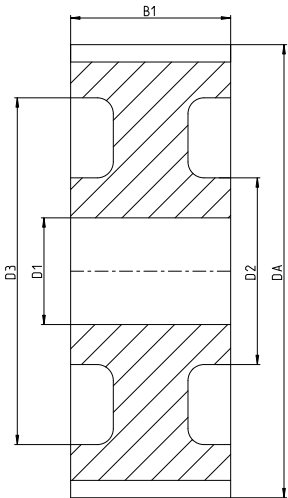
## Teilung 14mm

## CL 14M 170

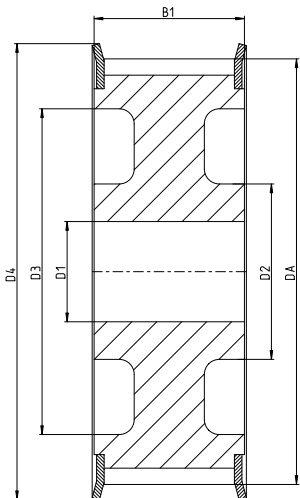
| Zähne-<br>zahl | Rie-<br>men-<br>breite | Bestellbezeichnung | Typ<br>(alt) | Typ<br>(neu) | Wirk-Ø<br>Zahn-<br>scheibe<br>Dw | Außen-Ø<br>Verzah-<br>nung<br>DA | Außen-Ø<br>Bord-<br>scheibe<br>D4 | Ø-Aus-<br>drehung<br>D3 | Ø-Nabe<br>D2 | Vor-<br>boh-<br>rung<br>(D1) | Ø<br>Fertig-<br>bohrung<br>D1<br>(max) | Verzahn-<br>te Breite<br>(Kranz-<br>breite)<br>B1 | An-<br>schlag-<br>länge<br>B3 | Material | Gewicht<br>(kg) |
|----------------|------------------------|--------------------|--------------|--------------|----------------------------------|----------------------------------|-----------------------------------|-------------------------|--------------|------------------------------|----------------------------------------|---------------------------------------------------|-------------------------------|----------|-----------------|
| 28             | 170                    | 28 CL 14M 170 6F   | 6F           | 002-1002     | 124,78                           | 122,12                           | 127                               | —                       | 100          | 32                           | 60                                     | 187                                               | 202                           | GG 15    | 13,800          |
| 29             | 170                    | 29 CL 14M 170 6F   | 6F           | 002-1002     | 129,23                           | 126,57                           | 138                               | —                       | 100          | 32                           | 60                                     | 187                                               | 202                           | GG 15    | 14,200          |
| 30             | 170                    | 30 CL 14M 170 6F   | 6F           | 002-1002     | 133,69                           | 130,99                           | 138                               | —                       | 100          | 32                           | 60                                     | 187                                               | 202                           | GG 15    | 15,600          |
| 32             | 170                    | 32 CL 14M 170 6F   | 6F           | 002-1002     | 142,60                           | 139,88                           | 154                               | —                       | 100          | 32                           | 60                                     | 187                                               | 202                           | GG 15    | 18,100          |
| 34             | 170                    | 34 CL 14M 170 6F   | 6F           | 002-1002     | 151,52                           | 148,79                           | 160                               | —                       | 100          | 32                           | 60                                     | 187                                               | 202                           | GG 15    | 20,400          |
| 36             | 170                    | 36 CL 14M 170 6F   | 6F           | 002-1002     | 160,43                           | 157,68                           | 168                               | —                       | 120          | 32                           | 70                                     | 187                                               | 202                           | GG 15    | 23,500          |
| 38             | 170                    | 38 CL 14M 170 6F   | 6F           | 002-1002     | 169,34                           | 166,60                           | 183                               | —                       | 135          | 32                           | 75                                     | 187                                               | 202                           | GG 15    | 26,500          |
| 40             | 170                    | 40 CL 14M 170 6F   | 6F           | 002-1002     | 178,25                           | 175,49                           | 188                               | —                       | 140          | 32                           | 80                                     | 187                                               | 202                           | GG 15    | 30,100          |
| 44             | 170                    | 44 CL 14M 170 6F   | 6F           | 002-1002     | 196,08                           | 193,28                           | 211                               | —                       | 160          | 32                           | 90                                     | 187                                               | 202                           | GG 15    | 37,800          |
| 48             | 170                    | 48 CL 14M 170 6F   | 6F           | 002-1002     | 213,90                           | 211,11                           | 226                               | —                       | 160          | 32                           | 90                                     | 187                                               | 202                           | GG 15    | 44,500          |
| 56             | 170                    | 56 CL 14M 170 6F   | 6F           | 002-1002     | 249,55                           | 246,76                           | 256                               | —                       | 160          | 32                           | 90                                     | 187                                               | 202                           | GG 15    | 61,000          |
| 64             | 170                    | 64 CL 14M 170 6F   | 6F           | 002-1002     | 285,21                           | 282,41                           | 296                               | —                       | 180          | 32                           | 100                                    | 187                                               | 202                           | GG 15    | 81,000          |
| 72             | 170                    | 72 CL 14M 170 10W  | 10W          | 001-1100     | 320,86                           | 318,06                           | —                                 | 278                     | 180          | 32                           | 100                                    | 187                                               | 187                           | GG 15    | 61,400          |
| 80             | 170                    | 80 CL 14M 170 10W  | 10W          | 001-1100     | 356,51                           | 353,71                           | —                                 | 314                     | 180          | 32                           | 100                                    | 187                                               | 187                           | GG 15    | 65,000          |
| 90             | 170                    | 90 CL 14M 170 10A  | 10A          | 001-1200     | 401,07                           | 398,28                           | —                                 | 358                     | 180          | 38                           | 100                                    | 187                                               | 187                           | GG 15    | 68,000          |
| 112            | 170                    | 112 CL 14M 170 10A | 10A          | 001-1200     | 499,11                           | 496,32                           | —                                 | 456                     | 200          | 38                           | 110                                    | 187                                               | 187                           | GG 15    | 87,500          |
| 144            | 170                    | 144 CL 14M 170 10A | 10A          | 001-1200     | 641,71                           | 638,92                           | —                                 | 600                     | 220          | 38                           | 120                                    | 187                                               | 187                           | GG 15    | 114,000         |
| 168            | 170                    | 168 CL 14M 170 10A | 10A          | 001-1200     | 748,66                           | 745,87                           | —                                 | 706                     | 220          | 38                           | 120                                    | 187                                               | 187                           | GG 15    | 125,000         |
| 192            | 170                    | 192 CL 14M 170 10A | 10A          | 001-1200     | 855,62                           | 852,82                           | —                                 | 813                     | 220          | 38                           | 120                                    | 187                                               | 187                           | GG 15    | 136,400         |
| 216            | 170                    | 216 CL 14M 170 10A | 10A          | 001-1200     | 962,57                           | 959,76                           | —                                 | 920                     | 220          | 38                           | 120                                    | 187                                               | 187                           | GG 15    | 147,000         |

Die Darstellung der Zahnscheibentypen finden Sie auf der Seite 20.

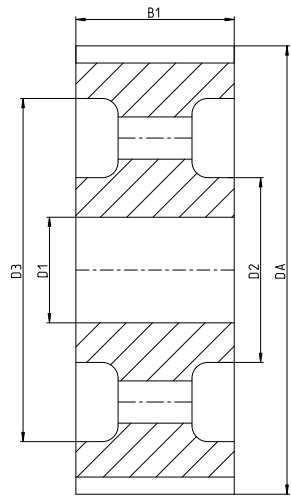
Walther Flender Zahnriemenscheiben – Ausführungen CLASSIC Standardzahnscheiben



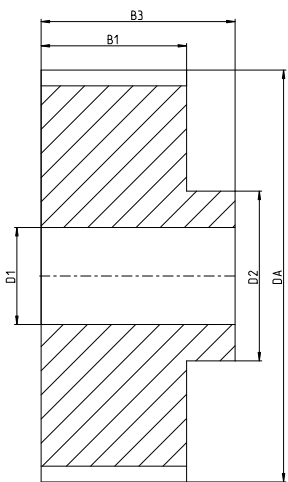
**10W**  
(Typ 001-1100)



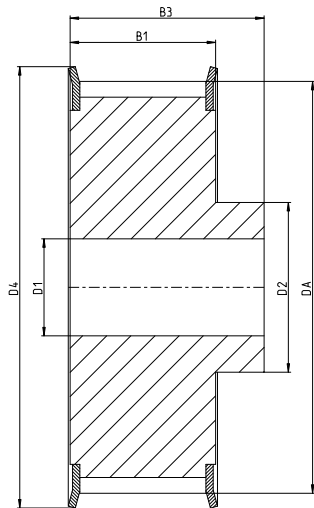
**10WF**  
(Typ 001-1102)



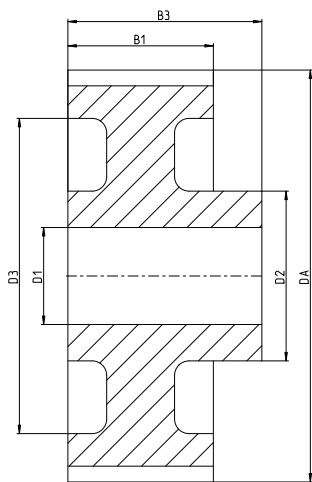
**10A**  
(Typ 001-1200)



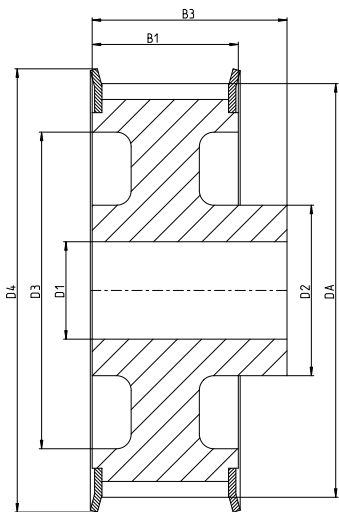
**6**  
(Typ 002-1000)



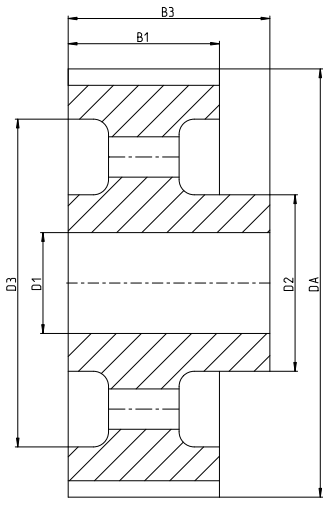
**6F**  
(Typ 002-1002)



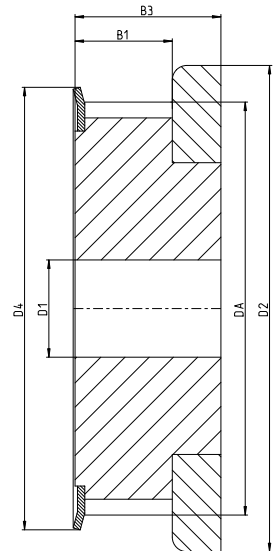
**6W**  
(Typ 002-1100)



**6WF**  
(Typ 002-1102)



**6A**  
(Typ 002-1200)



**1F**  
(Typ 006-1001)

## Walther Flender Zahnriemenscheiben – CLASSIC TL-Buchsen Standardzahnscheiben

Teilung 8mm

### CL TL 8M 20

| Zäh-<br>ne-<br>zahl | Rie-<br>men-<br>breite | Bestellbezeichnung | Typ<br>(alt) | Typ<br>(neu) | Wirk-Ø<br>Zahn-<br>scheibe<br>Dw | Außen-Ø<br>Verzah-<br>nung<br>DA | Außen-<br>Ø<br>Bord-<br>scheibe<br>D4 | Ø-<br>Aus-<br>dre-<br>hung<br>D3 | Ø-<br>Nabe<br>D2 | Vor-<br>boh-<br>rung<br>(D1) | Ø<br>Fertig-<br>bohrung<br>D1<br>(max) | Verzahn-<br>te Breite<br>(Kranz-<br>breite)<br>B1 | An-<br>schlag-<br>länge<br>B3 | Material   | Ge-<br>wicht<br>(kg) | TL-<br>Buchse | max Ø<br>Boh-<br>rung<br>TL<br>Buchse |
|---------------------|------------------------|--------------------|--------------|--------------|----------------------------------|----------------------------------|---------------------------------------|----------------------------------|------------------|------------------------------|----------------------------------------|---------------------------------------------------|-------------------------------|------------|----------------------|---------------|---------------------------------------|
| 22                  | 20                     | PL22 CL 8M 20 5F   | 5F           | 004-1062     | 56,02                            | 54,65                            | 60                                    | 41                               | —                | —                            | —                                      | 28                                                | 22                            | Guss/Stahl | 0,240                | 1008          | 25                                    |
| 24                  | 20                     | PL24 CL 8M 20 5F   | 5F           | 004-1062     | 61,12                            | 59,75                            | 66                                    | 42                               | —                | —                            | —                                      | 28                                                | 22                            | Guss/Stahl | 0,300                | 1108          | 28                                    |
| 26                  | 20                     | PL26 CL 8M 20 5F   | 5F           | 004-1062     | 66,21                            | 64,84                            | 71                                    | 46                               | —                | —                            | —                                      | 28                                                | 22                            | Guss/Stahl | 0,360                | 1108          | 28                                    |
| 28                  | 20                     | PL28 CL 8M 20 5F   | 5F           | 004-1062     | 71,30                            | 70,08                            | 75                                    | 50                               | —                | —                            | —                                      | 28                                                | 22                            | Guss/Stahl | 0,440                | 1108          | 28                                    |
| 30                  | 20                     | PL30 CL 8M 20 5F   | 5F           | 004-1062     | 76,39                            | 75,13                            | 83                                    | 58                               | —                | —                            | —                                      | 28                                                | 22                            | Guss/Stahl | 0,530                | 1108          | 28                                    |
| 32                  | 20                     | PL32 CL 8M 20 5F   | 5F           | 004-1062     | 81,49                            | 80,16                            | 87                                    | 62                               | —                | —                            | —                                      | 28                                                | 25                            | Guss/Stahl | 0,420                | 1610          | 42                                    |
| 34                  | 20                     | PL34 CL 8M 20 5F   | 5F           | 004-1062     | 86,58                            | 85,22                            | 91                                    | 65                               | —                | —                            | —                                      | 28                                                | 25                            | Guss/Stahl | 0,550                | 1610          | 42                                    |
| 36                  | 20                     | PL36 CL 8M 20 5F   | 5F           | 004-1062     | 91,67                            | 90,30                            | 98,5                                  | 68                               | —                | —                            | —                                      | 28                                                | 25                            | Guss/Stahl | 0,680                | 1610          | 42                                    |
| 38                  | 20                     | PL38 CL 8M 20 5F   | 5F           | 004-1062     | 96,77                            | 95,39                            | 103                                   | 72                               | —                | —                            | —                                      | 28                                                | 25                            | Guss/Stahl | 0,800                | 1610          | 42                                    |
| 40                  | 20                     | PL40 CL 8M 20 5F   | 5F           | 004-1062     | 101,86                           | 100,49                           | 106                                   | 76                               | —                | —                            | —                                      | 28                                                | 25                            | Guss/Stahl | 1,000                | 1610          | 42                                    |
| 44                  | 20                     | PL44 CL 8M 20 8F   | 8F           | 002-1062     | 112,05                           | 110,67                           | 119                                   | —                                | 93               | —                            | —                                      | 28                                                | 32                            | Guss/Stahl | 1,200                | 2012          | 50                                    |
| 48                  | 20                     | PL48 CL 8M 20 8F   | 8F           | 002-1062     | 122,23                           | 120,86                           | 127                                   | —                                | 96               | —                            | —                                      | 28                                                | 32                            | Guss/Stahl | 1,600                | 2012          | 50                                    |
| 56                  | 20                     | PL56 CL 8M 20 8F   | 8F           | 002-1062     | 142,60                           | 141,23                           | 148                                   | —                                | 110              | —                            | —                                      | 28                                                | 32                            | Guss/Stahl | 2,400                | 2012          | 50                                    |
| 64                  | 20                     | PL64 CL 8M 20 8WF  | 8WF          | 002-1162     | 162,97                           | 161,60                           | 168                                   | 137                              | 110              | —                            | —                                      | 28                                                | 32                            | Guss/Stahl | 2,700                | 2012          | 50                                    |
| 72                  | 20                     | PL72 CL 8M 20 8WF  | 8WF          | 002-1162     | 183,35                           | 181,97                           | 192                                   | 158                              | 110              | —                            | —                                      | 28                                                | 32                            | Guss/Stahl | 3,300                | 2012          | 50                                    |
| 80                  | 20                     | PL80 CL 8M 20 8W   | 8W           | 002-1260     | 203,72                           | 202,35                           | —                                     | 180                              | 110              | —                            | —                                      | 28                                                | 32                            | Guss/Stahl | 3,500                | 2012          | 50                                    |
| 90                  | 20                     | PL90 CL 8M 20 8A   | 8A           | 002-1160     | 229,18                           | 227,81                           | —                                     | 204                              | 110              | —                            | —                                      | 28                                                | 32                            | Guss/Stahl | 3,650                | 2012          | 50                                    |

### CL TL 8M 30

| Zäh-<br>ne-<br>zahl | Rie-<br>men-<br>breite | Bestellbezeichnung | Typ<br>(alt) | Typ<br>(neu) | Wirk-Ø<br>Zahn-<br>scheibe<br>Dw | Außen-Ø<br>Verzah-<br>nung<br>DA | Außen-<br>Ø<br>Bord-<br>scheibe<br>D4 | Ø-<br>Aus-<br>dre-<br>hung<br>D3 | Ø-<br>Nabe<br>D2 | Vor-<br>boh-<br>rung<br>(D1) | Ø<br>Fertig-<br>bohrung<br>D1<br>(max) | Verzahn-<br>te Breite<br>(Kranz-<br>breite)<br>B1 | An-<br>schlag-<br>länge<br>B3 | Material   | Ge-<br>wicht<br>(kg) | TL-<br>Buchse | max Ø<br>Boh-<br>rung<br>TL<br>Buchse |
|---------------------|------------------------|--------------------|--------------|--------------|----------------------------------|----------------------------------|---------------------------------------|----------------------------------|------------------|------------------------------|----------------------------------------|---------------------------------------------------|-------------------------------|------------|----------------------|---------------|---------------------------------------|
| 22                  | 30                     | PL22 CL 8M 30 5F   | 5F           | 004-1062     | 56,02                            | 54,65                            | 60                                    | 41                               | —                | —                            | —                                      | 38                                                | 22                            | Guss/Stahl | 0,290                | 1008          | 25                                    |
| 24                  | 30                     | PL24 CL 8M 30 5F   | 5F           | 004-1062     | 61,12                            | 59,75                            | 66                                    | 42                               | —                | —                            | —                                      | 38                                                | 22                            | Guss/Stahl | 0,380                | 1108          | 28                                    |
| 26                  | 30                     | PL26 CL 8M 30 5F   | 5F           | 004-1062     | 66,21                            | 64,84                            | 71                                    | 46                               | —                | —                            | —                                      | 38                                                | 22                            | Guss/Stahl | 0,450                | 1108          | 28                                    |
| 28                  | 30                     | PL28 CL 8M 30 5F   | 5F           | 004-1062     | 71,30                            | 70,08                            | 75                                    | 50                               | —                | —                            | —                                      | 38                                                | 25                            | Guss/Stahl | 0,500                | 1210          | 32                                    |
| 30                  | 30                     | PL30 CL 8M 30 3F   | 3F           | 001-1062     | 76,39                            | 75,13                            | 83                                    | —                                | —                | —                            | —                                      | 38                                                | 38                            | Guss/Stahl | 0,550                | 1615          | 42                                    |
| 32                  | 30                     | PL32 CL 8M 30 3F   | 3F           | 001-1062     | 81,49                            | 80,16                            | 87                                    | —                                | —                | —                            | —                                      | 38                                                | 38                            | Guss/Stahl | 0,590                | 1615          | 42                                    |
| 34                  | 30                     | PL34 CL 8M 30 3F   | 3F           | 001-1062     | 86,58                            | 85,22                            | 91                                    | —                                | —                | —                            | —                                      | 38                                                | 38                            | Guss/Stahl | 0,770                | 1615          | 42                                    |
| 36                  | 30                     | PL36 CL 8M 30 3F   | 3F           | 001-1062     | 91,67                            | 90,30                            | 98,5                                  | —                                | —                | —                            | —                                      | 38                                                | 38                            | Guss/Stahl | 0,960                | 1615          | 42                                    |
| 38                  | 30                     | PL38 CL 8M 30 3F   | 3F           | 001-1062     | 96,77                            | 95,39                            | 103                                   | —                                | —                | —                            | —                                      | 38                                                | 38                            | Guss/Stahl | 1,150                | 1615          | 42                                    |
| 40                  | 30                     | PL40 CL 8M 30 3F   | 3F           | 001-1062     | 101,86                           | 100,49                           | 106                                   | —                                | —                | —                            | —                                      | 38                                                | 38                            | Guss/Stahl | 1,340                | 1615          | 42                                    |
| 44                  | 30                     | PL44 CL 8M 30 4F   | 4F           | 005-1062     | 112,05                           | 110,67                           | 119                                   | 91                               | —                | —                            | —                                      | 38                                                | 32                            | Guss/Stahl | 1,330                | 2012          | 50                                    |
| 48                  | 30                     | PL48 CL 8M 30 4F   | 4F           | 005-1062     | 122,23                           | 120,86                           | 127                                   | 95                               | —                | —                            | —                                      | 38                                                | 32                            | Guss/Stahl | 1,780                | 2012          | 50                                    |
| 56                  | 30                     | PL56 CL 8M 30 4F   | 4F           | 005-1062     | 142,60                           | 141,23                           | 148                                   | 117                              | —                | —                            | —                                      | 38                                                | 32                            | Guss/Stahl | 3,760                | 2012          | 50                                    |
| 64                  | 30                     | PL64 CL 8M 30 8F   | 8F           | 002-1062     | 162,97                           | 161,60                           | 168                                   | —                                | 125              | —                            | —                                      | 38                                                | 45                            | Guss/Stahl | 4,200                | 2517          | 60                                    |
| 72                  | 30                     | PL72 CL 8M 30 8WF  | 8WF          | 002-1162     | 183,35                           | 181,97                           | 192                                   | 158                              | 125              | —                            | —                                      | 38                                                | 45                            | Guss/Stahl | 4,300                | 2517          | 60                                    |
| 80                  | 30                     | PL80 CL 8M 30 8W   | 8W           | 002-1260     | 203,72                           | 202,35                           | —                                     | 180                              | 125              | —                            | —                                      | 38                                                | 45                            | Guss/Stahl | 4,600                | 2517          | 60                                    |
| 90                  | 30                     | PL90 CL 8M 30 8A   | 8A           | 002-1160     | 229,18                           | 227,81                           | —                                     | 204                              | 125              | —                            | —                                      | 38                                                | 45                            | Guss/Stahl | 5,000                | 2517          | 60                                    |
| 112                 | 30                     | PL112 CL 8M 30 8A  | 8A           | 002-1160     | 285,21                           | 283,83                           | —                                     | 260                              | 125              | —                            | —                                      | 38                                                | 45                            | Guss/Stahl | 6,200                | 2517          | 60                                    |
| 144                 | 30                     | PL144 CL 8M 30 8A  | 8A           | 002-1160     | 366,69                           | 365,32                           | —                                     | 341                              | 125              | —                            | —                                      | 38                                                | 45                            | Guss/Stahl | 9,000                | 2517          | 60                                    |

Die Darstellung der Zahnscheibentypen finden Sie auf der Seite 26.

Bei Verwendung der Welle-Nabe-Verbindung mit Passfeder sind die Anzugsmomente um 20% zu reduzieren (Klammermaße).

Wir empfehlen den Einsatz der Spannbuchsenverbindung mit Passfeder.

## Teilung 8mm

### CL TL 8M 50

| Zäh-<br>ne-<br>zahl | Rie-<br>men-<br>breite | Bestellbezeichnung | Typ<br>(alt) | Typ<br>(neu) | Wirk-Ø<br>Zahn-<br>scheibe<br>Dw | Außen-Ø<br>Verzahn-<br>ung<br>DA | Außen-<br>Ø<br>Bord-<br>scheibe<br>D4 | Ø-<br>Aus-<br>dre-<br>hung<br>D3 | Ø-<br>Nabe<br>D2 | Vor-<br>boh-<br>rung<br>(D1) | Ø<br>Fertig-<br>bohrung<br>D1<br>(max) | Verzahn-<br>te Breite<br>(Kranz-<br>breite)<br>B1 | An-<br>schlag-<br>länge<br>B3 | Material   | Ge-<br>wicht<br>(kg) | TL-<br>Buchse | max Ø<br>Boh-<br>rung<br>TL<br>Buchse |
|---------------------|------------------------|--------------------|--------------|--------------|----------------------------------|----------------------------------|---------------------------------------|----------------------------------|------------------|------------------------------|----------------------------------------|---------------------------------------------------|-------------------------------|------------|----------------------|---------------|---------------------------------------|
| 28                  | 50                     | PL28 CL 8M 50 5F   | 5F           | 004-1062     | 71,30                            | 70,08                            | 75                                    | 50                               | —                | —                            | —                                      | 60                                                | 25                            | Guss/Stahl | 0,600                | 1210          | 32                                    |
| 30                  | 50                     | PL30 CL 8M 50 5F   | 5F           | 004-1062     | 76,39                            | 75,13                            | 83                                    | 58                               | —                | —                            | —                                      | 60                                                | 38                            | Guss/Stahl | 0,650                | 1615          | 42                                    |
| 32                  | 50                     | PL32 CL 8M 50 5F   | 5F           | 004-1062     | 81,49                            | 80,16                            | 87                                    | 62                               | —                | —                            | —                                      | 60                                                | 38                            | Guss/Stahl | 0,820                | 1615          | 42                                    |
| 34                  | 50                     | PL34 CL 8M 50 5F   | 5F           | 004-1062     | 86,58                            | 85,22                            | 91                                    | 65                               | —                | —                            | —                                      | 60                                                | 38                            | Guss/Stahl | 1,060                | 1615          | 42                                    |
| 36                  | 50                     | PL36 CL 8M 50 5F   | 5F           | 004-1062     | 91,67                            | 90,30                            | 98,5                                  | 68                               | —                | —                            | —                                      | 60                                                | 38                            | Guss/Stahl | 1,300                | 1615          | 42                                    |
| 38                  | 50                     | PL38 CL 8M 50 5F   | 5F           | 004-1062     | 96,77                            | 95,39                            | 103                                   | 72                               | —                | —                            | —                                      | 60                                                | 38                            | Guss/Stahl | 1,600                | 1615          | 42                                    |
| 40                  | 50                     | PL40 CL 8M 50 4F   | 4F           | 005-1062     | 101,86                           | 100,49                           | 106                                   | 82                               | —                | —                            | —                                      | 60                                                | 32                            | Guss/Stahl | 1,710                | 2012          | 50                                    |
| 44                  | 50                     | PL44 CL 8M 50 4F   | 4F           | 005-1062     | 112,05                           | 110,67                           | 119                                   | 91                               | —                | —                            | —                                      | 60                                                | 32                            | Guss/Stahl | 1,780                | 2012          | 50                                    |
| 48                  | 50                     | PL48 CL 8M 50 4F   | 4F           | 005-1062     | 122,23                           | 120,86                           | 127                                   | 96                               | —                | —                            | —                                      | 60                                                | 32                            | Guss/Stahl | 2,300                | 2012          | 50                                    |
| 56                  | 50                     | PL56 CL 8M 50 4F   | 4F           | 005-1062     | 142,60                           | 141,23                           | 148                                   | 116                              | —                | —                            | —                                      | 60                                                | 45                            | Guss/Stahl | 3,400                | 2517          | 60                                    |
| 64                  | 50                     | PL64 CL 8M 50 4F   | 4F           | 005-1062     | 162,97                           | 161,60                           | 168                                   | 137                              | —                | —                            | —                                      | 60                                                | 45                            | Guss/Stahl | 5,000                | 2517          | 60                                    |
| 72                  | 50                     | PL72 CL 8M 50 4F   | 4F           | 005-1062     | 183,35                           | 181,97                           | 192                                   | 158                              | 125              | —                            | —                                      | 60                                                | 45                            | Guss/Stahl | 6,700                | 2517          | 60                                    |
| 80                  | 50                     | PL80 CL 8M 50 4    | 4            | 005-1060     | 203,72                           | 202,35                           | —                                     | 180                              | —                | —                            | —                                      | 60                                                | 51                            | Guss/Stahl | 8,800                | 3020          | 75                                    |
| 90                  | 50                     | PL90 CL 8M 50 9W   | 9W           | 005-1160     | 229,18                           | 227,81                           | —                                     | 204                              | 170              | —                            | —                                      | 60                                                | 51                            | Guss/Stahl | 10,000               | 3020          | 75                                    |
| 112                 | 50                     | PL112 CL 8M 50 9W  | 9W           | 005-1160     | 285,21                           | 283,83                           | —                                     | 260                              | 170              | —                            | —                                      | 60                                                | 51                            | Guss/Stahl | 12,000               | 3020          | 75                                    |
| 144                 | 50                     | PL144 CL 8M 50 9A  | 9A           | 005-1260     | 366,69                           | 365,32                           | —                                     | 341                              | 170              | —                            | —                                      | 60                                                | 51                            | Guss/Stahl | 15,200               | 3020          | 75                                    |
| 168                 | 50                     | PL168 CL 8M 50 7A  | 7A           | 003-1260     | 427,81                           | 426,44                           | —                                     | 402                              | 190              | —                            | —                                      | 60                                                | 65                            | Guss/Stahl | 16,400               | 3525          | 90                                    |
| 192                 | 50                     | PL192 CL 8M 50 7A  | 7A           | 003-1260     | 488,92                           | 487,55                           | —                                     | 460                              | 190              | —                            | —                                      | 60                                                | 65                            | Guss/Stahl | 21,800               | 3525          | 90                                    |

### CL TL 8M 85

| Zäh-<br>ne-<br>zahl | Rie-<br>men-<br>breite | Bestellbezeichnung | Typ<br>(alt) | Typ<br>(neu) | Wirk-Ø<br>Zahn-<br>scheibe<br>Dw | Außen-Ø<br>Verzahn-<br>ung<br>DA | Außen-<br>Ø<br>Bord-<br>scheibe<br>D4 | Ø-<br>Aus-<br>dre-<br>hung<br>D3 | Ø-<br>Nabe<br>D2 | Vor-<br>boh-<br>rung<br>(D1) | Ø<br>Fertig-<br>bohrung<br>D1<br>(max) | Verzahn-<br>te Breite<br>(Kranz-<br>breite)<br>B1 | An-<br>schlag-<br>länge<br>B3 | Material   | Ge-<br>wicht<br>(kg) | TL-<br>Buchse | max Ø<br>Boh-<br>rung<br>TL<br>Buchse |
|---------------------|------------------------|--------------------|--------------|--------------|----------------------------------|----------------------------------|---------------------------------------|----------------------------------|------------------|------------------------------|----------------------------------------|---------------------------------------------------|-------------------------------|------------|----------------------|---------------|---------------------------------------|
| 34                  | 85                     | PL34 CL 8M 85 4F   | 4F           | 005-1062     | 86,58                            | 85,22                            | 91                                    | 65                               | —                | —                            | —                                      | 95                                                | 38                            | Guss/Stahl | 1,430                | 1615          | 42                                    |
| 36                  | 85                     | PL36 CL 8M 85 4F   | 4F           | 005-1062     | 91,67                            | 90,30                            | 98,5                                  | 68                               | —                | —                            | —                                      | 95                                                | 38                            | Guss/Stahl | 1,870                | 1615          | 42                                    |
| 38                  | 85                     | PL38 CL 8M 85 4F   | 4F           | 005-1062     | 96,77                            | 95,39                            | 103                                   | 72                               | —                | —                            | —                                      | 95                                                | 38                            | Guss/Stahl | 2,200                | 1615          | 42                                    |
| 40                  | 85                     | PL40 CL 8M 85 4F   | 4F           | 005-1062     | 101,86                           | 100,49                           | 106                                   | 82                               | —                | —                            | —                                      | 95                                                | 32                            | Guss/Stahl | 1,800                | 2012          | 50                                    |
| 44                  | 85                     | PL44 CL 8M 85 4F   | 4F           | 005-1062     | 112,05                           | 110,67                           | 119                                   | 91                               | —                | —                            | —                                      | 95                                                | 32                            | Guss/Stahl | 2,300                | 2012          | 50                                    |
| 48                  | 85                     | PL48 CL 8M 85 4F   | 4F           | 005-1062     | 122,23                           | 120,86                           | 127                                   | 100                              | —                | —                            | —                                      | 95                                                | 45                            | Guss/Stahl | 2,660                | 2517          | 60                                    |
| 56                  | 85                     | PL56 CL 8M 85 4F   | 4F           | 005-1062     | 142,60                           | 141,23                           | 148                                   | 117                              | —                | —                            | —                                      | 95                                                | 45                            | Guss/Stahl | 4,450                | 2517          | 60                                    |
| 64                  | 85                     | PL64 CL 8M 85 4F   | 4F           | 005-1062     | 162,97                           | 161,60                           | 168                                   | 137                              | —                | —                            | —                                      | 95                                                | 45                            | Guss/Stahl | 6,200                | 2517          | 60                                    |
| 72                  | 85                     | PL72 CL 8M 85 4F   | 4F           | 005-1062     | 183,35                           | 181,97                           | 192                                   | 158                              | —                | —                            | —                                      | 95                                                | 51                            | Guss/Stahl | 8,000                | 3020          | 75                                    |
| 80                  | 85                     | PL80 CL 8M 85 4    | 4            | 005-1060     | 203,72                           | 202,35                           | —                                     | 180                              | —                | —                            | —                                      | 95                                                | 51                            | Guss/Stahl | 10,000               | 3020          | 75                                    |
| 90                  | 85                     | PL90 CL 8M 85 9W   | 9W           | 005-1160     | 229,18                           | 227,81                           | —                                     | 204                              | 170              | —                            | —                                      | 95                                                | 51                            | Guss/Stahl | 10,800               | 3020          | 75                                    |
| 112                 | 85                     | PL112 CL 8M 85 9W  | 9W           | 005-1160     | 285,21                           | 283,83                           | —                                     | 260                              | 170              | —                            | —                                      | 95                                                | 51                            | Guss/Stahl | 15,000               | 3020          | 75                                    |
| 144                 | 85                     | PL144 CL 8M 85 9A  | 9A           | 005-1260     | 366,69                           | 365,32                           | —                                     | 341                              | 190              | —                            | —                                      | 95                                                | 65                            | Guss/Stahl | 20,000               | 3525          | 90                                    |
| 168                 | 85                     | PL168 CL 8M 85 9A  | 9A           | 005-1260     | 427,81                           | 426,44                           | —                                     | 402                              | 190              | —                            | —                                      | 95                                                | 65                            | Guss/Stahl | 23,000               | 3525          | 90                                    |
| 192                 | 85                     | PL192 CL 8M 85 9A  | 9A           | 005-1260     | 488,92                           | 487,55                           | —                                     | 460                              | 190              | —                            | —                                      | 95                                                | 65                            | Guss/Stahl | 28,500               | 3525          | 90                                    |

Die Darstellung der Zahnscheibentypen finden Sie auf der Seite 26.

Bei Verwendung der Welle-Nabe-Verbindung mit Passfeder sind die Anzugsmomente um 20% zu reduzieren (Klammermaße).

Wir empfehlen den Einsatz der Spannbuchsenverbindung mit Passfeder.

## Teilung 14mm

## CL TL 14M 40

| Zäh-<br>ne-<br>zahl | Rie-<br>men-<br>breite | Bestellbezeichnung | Typ<br>(alt) | Typ<br>(neu) | Wirk-Ø<br>Zahn-<br>scheibe<br>Dw | Außen-Ø<br>Verzah-<br>nung<br>DA | Außen-Ø<br>Bord-<br>scheibe<br>D4 | Ø-<br>Aus-<br>dre-<br>hung<br>D3 | Ø-<br>Nabe<br>D2 | Vor-<br>boh-<br>rung<br>(D1) | Ø<br>Fertig-<br>bohrung<br>D1<br>(max) | Verzahn-<br>te Breite<br>(Kranz-<br>breite)<br>B1 | An-<br>schlag-<br>länge<br>B3 | Material   | Ge-<br>wicht<br>(kg) | TL-<br>Buchse | max Ø<br>Boh-<br>rung<br>TL<br>Buchse |
|---------------------|------------------------|--------------------|--------------|--------------|----------------------------------|----------------------------------|-----------------------------------|----------------------------------|------------------|------------------------------|----------------------------------------|---------------------------------------------------|-------------------------------|------------|----------------------|---------------|---------------------------------------|
| 28                  | 40                     | PL28 CL 14M 40 4F  | 4F           | 005-1062     | 124,78                           | 122,12                           | 127                               | 98                               | —                | —                            | —                                      | 54                                                | 32                            | Guss/Stahl | 2,070                | 2012          | 50                                    |
| 29                  | 40                     | PL29 CL 14M 40 4F  | 4F           | 005-1062     | 129,23                           | 126,57                           | 138                               | 100                              | —                | —                            | —                                      | 54                                                | 32                            | Guss/Stahl | 2,380                | 2012          | 50                                    |
| 30                  | 40                     | PL30 CL 14M 40 4F  | 4F           | 005-1062     | 133,69                           | 130,99                           | 138                               | 100                              | —                | —                            | —                                      | 54                                                | 32                            | Guss/Stahl | 2,650                | 2012          | 50                                    |
| 32                  | 40                     | PL32 CL 14M 40 4F  | 4F           | 005-1062     | 142,60                           | 139,88                           | 154                               | 104                              | —                | —                            | —                                      | 54                                                | 32                            | Guss/Stahl | 3,400                | 2517          | 50                                    |
| 34                  | 40                     | PL34 CL 14M 40 4F  | 4F           | 005-1062     | 151,52                           | 148,79                           | 160                               | 110                              | —                | —                            | —                                      | 54                                                | 45                            | Guss/Stahl | 3,870                | 2517          | 60                                    |
| 36                  | 40                     | PL36 CL 14M 40 4F  | 4F           | 005-1062     | 160,43                           | 157,68                           | 168                               | 120                              | —                | —                            | —                                      | 54                                                | 45                            | Guss/Stahl | 4,800                | 2517          | 60                                    |
| 38                  | 40                     | PL38 CL 14M 40 4F  | 4F           | 005-1062     | 169,34                           | 166,60                           | 183                               | 130                              | —                | —                            | —                                      | 54                                                | 45                            | Guss/Stahl | 5,400                | 2517          | 60                                    |
| 40                  | 40                     | PL40 CL 14M 40 4F  | 4F           | 005-1062     | 178,25                           | 175,49                           | 188                               | 138                              | —                | —                            | —                                      | 54                                                | 45                            | Guss/Stahl | 6,000                | 2517          | 60                                    |
| 44                  | 40                     | PL44 CL 14M 40 4F  | 4F           | 005-1062     | 196,08                           | 193,28                           | 211                               | 155                              | —                | —                            | —                                      | 54                                                | 51                            | Guss/Stahl | 7,800                | 3020          | 75                                    |
| 48                  | 40                     | PL48 CL 14M 40 4F  | 4F           | 005-1062     | 213,90                           | 211,11                           | 226                               | 170                              | —                | —                            | —                                      | 54                                                | 51                            | Guss/Stahl | 9,400                | 3020          | 75                                    |
| 56                  | 40                     | PL56 CL 14M 40 9WF | 9WF          | 005-1162     | 249,55                           | 246,76                           | 256                               | 208                              | 170              | —                            | —                                      | 54                                                | 51                            | Guss/Stahl | 10,800               | 3020          | 75                                    |
| 64                  | 40                     | PL64 CL 14M 40 9WF | 9WF          | 005-1162     | 285,21                           | 282,41                           | 296                               | 242                              | 170              | —                            | —                                      | 54                                                | 51                            | Guss/Stahl | 13,400               | 3020          | 75                                    |
| 72                  | 40                     | PL72 CL 14M 40 9W  | 9W           | 005-1160     | 320,86                           | 318,06                           | —                                 | 280                              | 170              | —                            | —                                      | 54                                                | 51                            | Guss/Stahl | 15,200               | 3020          | 75                                    |
| 80                  | 40                     | PL80 CL 14M 40 9A  | 9A           | 005-1260     | 356,51                           | 353,71                           | —                                 | 315                              | 170              | —                            | —                                      | 54                                                | 51                            | Guss/Stahl | 16,000               | 3020          | 75                                    |
| 90                  | 40                     | PL90 CL 14M 40 9A  | 9A           | 005-1260     | 401,07                           | 398,28                           | —                                 | 360                              | 170              | —                            | —                                      | 54                                                | 51                            | Guss/Stahl | 17,800               | 3020          | 75                                    |
| 112                 | 40                     | PL112 CL 14M 40 9A | 9A           | 005-1260     | 499,11                           | 496,32                           | —                                 | 457                              | 170              | —                            | —                                      | 54                                                | 51                            | Guss/Stahl | 25,600               | 3020          | 75                                    |
| 144                 | 40                     | PL144 CL 14M 40 9A | 9A           | 005-1260     | 641,71                           | 638,92                           | —                                 | 600                              | 170              | —                            | —                                      | 54                                                | 51                            | Guss/Stahl | 32,000               | 3020          | 75                                    |
| 168                 | 40                     | PL168 CL 14M 40 9A | 9A           | 005-1260     | 748,66                           | 745,87                           | —                                 | 706                              | 170              | —                            | —                                      | 54                                                | 51                            | Guss/Stahl | 44,000               | 3020          | 75                                    |
| 192                 | 40                     | PL192 CL 14M 40 9A | 9A           | 005-1260     | 855,62                           | 852,82                           | —                                 | 813                              | 170              | —                            | —                                      | 54                                                | 51                            | Guss/Stahl | 49,000               | 3020          | 75                                    |
| 216                 | 40                     | PL216 CL 14M 40 7A | 7A           | 003-1260     | 962,57                           | 959,76                           | —                                 | 920                              | 170              | —                            | —                                      | 54                                                | 51                            | Guss/Stahl | 55,000               | 3535          | 75                                    |

## CL TL 14M 55

| Zäh-<br>ne-<br>zahl | Rie-<br>men-<br>breite | Bestellbezeichnung | Typ<br>(alt) | Typ<br>(neu) | Wirk-Ø<br>Zahn-<br>scheibe<br>Dw | Außen-Ø<br>Verzah-<br>nung<br>DA | Außen-Ø<br>Bord-<br>scheibe<br>D4 | Ø-<br>Aus-<br>dre-<br>hung<br>D3 | Ø-<br>Nabe<br>D2 | Vor-<br>boh-<br>rung<br>(D1) | Ø<br>Fertig-<br>bohrung<br>D1<br>(max) | Verzahn-<br>te Breite<br>(Kranz-<br>breite)<br>B1 | An-<br>schlag-<br>länge<br>B3 | Material   | Ge-<br>wicht<br>(kg) | TL-<br>Buchse | max Ø<br>Boh-<br>rung<br>TL<br>Buchse |
|---------------------|------------------------|--------------------|--------------|--------------|----------------------------------|----------------------------------|-----------------------------------|----------------------------------|------------------|------------------------------|----------------------------------------|---------------------------------------------------|-------------------------------|------------|----------------------|---------------|---------------------------------------|
| 28                  | 55                     | PL28 CL 14M 55 4F  | 4F           | 005-1062     | 124,78                           | 122,12                           | 127                               | 98                               | —                | —                            | —                                      | 70                                                | 32                            | Guss/Stahl | 2,200                | 2012          | 50                                    |
| 29                  | 55                     | PL29 CL 14M 55 4F  | 4F           | 005-1062     | 129,23                           | 126,57                           | 138                               | 100                              | —                | —                            | —                                      | 70                                                | 32                            | Guss/Stahl | 2,740                | 2012          | 50                                    |
| 30                  | 55                     | PL30 CL 14M 55 4F  | 4F           | 005-1062     | 133,69                           | 130,99                           | 138                               | 100                              | —                | —                            | —                                      | 70                                                | 45                            | Guss/Stahl | 2,700                | 2517          | 60                                    |
| 32                  | 55                     | PL32 CL 14M 55 4F  | 4F           | 005-1062     | 142,60                           | 139,88                           | 154                               | 108                              | —                | —                            | —                                      | 70                                                | 45                            | Guss/Stahl | 3,660                | 2517          | 60                                    |
| 34                  | 55                     | PL34 CL 14M 55 4F  | 4F           | 005-1062     | 151,52                           | 148,79                           | 160                               | 110                              | —                | —                            | —                                      | 70                                                | 45                            | Guss/Stahl | 4,550                | 2517          | 60                                    |
| 36                  | 55                     | PL36 CL 14M 55 4F  | 4F           | 005-1062     | 160,43                           | 157,68                           | 168                               | 120                              | —                | —                            | —                                      | 70                                                | 45                            | Guss/Stahl | 5,200                | 2517          | 60                                    |
| 38                  | 55                     | PL38 CL 14M 55 4F  | 4F           | 005-1062     | 169,34                           | 166,60                           | 183                               | 130                              | —                | —                            | —                                      | 70                                                | 45                            | Guss/Stahl | 6,200                | 2517          | 60                                    |
| 40                  | 55                     | PL40 CL 14M 55 4F  | 4F           | 005-1062     | 178,25                           | 175,49                           | 188                               | 138                              | —                | —                            | —                                      | 70                                                | 45                            | Guss/Stahl | 7,000                | 2517          | 60                                    |
| 44                  | 55                     | PL44 CL 14M 55 4F  | 4F           | 005-1062     | 196,08                           | 193,28                           | 211                               | 155                              | —                | —                            | —                                      | 70                                                | 51                            | Guss/Stahl | 8,600                | 3020          | 75                                    |
| 48                  | 55                     | PL48 CL 14M 55 4F  | 4F           | 005-1062     | 213,90                           | 211,11                           | 226                               | 170                              | —                | —                            | —                                      | 70                                                | 51                            | Guss/Stahl | 10,400               | 3020          | 75                                    |
| 56                  | 55                     | PL56 CL 14M 55 9WF | 9WF          | 005-1162     | 249,55                           | 246,76                           | 256                               | 208                              | 170              | —                            | —                                      | 70                                                | 51                            | Guss/Stahl | 12,000               | 3020          | 75                                    |
| 64                  | 55                     | PL64 CL 14M 55 9WF | 9WF          | 005-1162     | 285,21                           | 282,41                           | 296                               | 242                              | 170              | —                            | —                                      | 70                                                | 51                            | Guss/Stahl | 14,500               | 3020          | 75                                    |
| 72                  | 55                     | PL72 CL 14M 55 9W  | 9W           | 005-1160     | 320,86                           | 318,06                           | —                                 | 280                              | 170              | —                            | —                                      | 70                                                | 51                            | Guss/Stahl | 16,200               | 3020          | 75                                    |
| 80                  | 55                     | PL80 CL 14M 55 9A  | 9A           | 005-1260     | 356,51                           | 353,71                           | —                                 | 315                              | 170              | —                            | —                                      | 70                                                | 51                            | Guss/Stahl | 17,500               | 3020          | 75                                    |
| 90                  | 55                     | PL90 CL 14M 55 9A  | 9A           | 005-1260     | 401,07                           | 398,28                           | —                                 | 360                              | 170              | —                            | —                                      | 70                                                | 51                            | Guss/Stahl | 20,100               | 3020          | 75                                    |
| 112                 | 55                     | PL112 CL 14M 55 9A | 9A           | 005-1260     | 499,11                           | 496,32                           | —                                 | 457                              | 170              | —                            | —                                      | 70                                                | 51                            | Guss/Stahl | 28,400               | 3020          | 75                                    |
| 144                 | 55                     | PL144 CL 14M 55 9A | 9A           | 005-1260     | 641,71                           | 638,92                           | —                                 | 600                              | 170              | —                            | —                                      | 70                                                | 51                            | Guss/Stahl | 36,200               | 3020          | 75                                    |
| 168                 | 55                     | PL168 CL 14M 55 9A | 9A           | 005-1260     | 748,66                           | 745,87                           | —                                 | 706                              | 170              | —                            | —                                      | 70                                                | 51                            | Guss/Stahl | 49,000               | 3020          | 75                                    |
| 192                 | 55                     | PL192 CL 14M 55 9A | 9A           | 005-1260     | 855,62                           | 852,82                           | —                                 | 813                              | 170              | —                            | —                                      | 70                                                | 51                            | Guss/Stahl | 53,000               | 3020          | 75                                    |
| 216                 | 55                     | PL216 CL 14M 55 7A | 7A           | 003-1260     | 962,57                           | 959,76                           | —                                 | 920                              | 190              | —                            | —                                      | 70                                                | 89                            | Guss/Stahl | 65,800               | 3535          | 90                                    |

Die Darstellung der Zahnscheibentypen finden Sie auf der Seite 26.

Bei Verwendung der Welle-Nabe-Verbindung mit Passfeder sind die Anzugsmomente um 20% zu reduzieren (Klammermaße).

Wir empfehlen den Einsatz der Spannbuchsenverbindung mit Passfeder.

## Teilung 14mm

### CL TL 14M 85

| Zäh-<br>ne-<br>zahl | Rie-<br>men-<br>breite | Bestellbezeichnung | Typ<br>(alt) | Typ<br>(neu) | Wirk-Ø<br>Zahn-<br>scheibe<br>Dw | Außen-Ø<br>Verzahn-<br>ung<br>DA | Außen-<br>Ø<br>Bord-<br>scheibe<br>D4 | Ø-<br>Aus-<br>dre-<br>hung<br>D3 | Ø-<br>Nabe<br>D2 | Vor-<br>boh-<br>rung<br>(D1) | Ø<br>Fertig-<br>bohrung<br>D1<br>(max) | Verzahn-<br>te Breite<br>(Kranz-<br>breite)<br>B1 | An-<br>schlag-<br>länge<br>B3 | Material   | Ge-<br>wicht<br>(kg) | TL-<br>Buchse | max Ø<br>Boh-<br>rung<br>TL<br>Buchse |
|---------------------|------------------------|--------------------|--------------|--------------|----------------------------------|----------------------------------|---------------------------------------|----------------------------------|------------------|------------------------------|----------------------------------------|---------------------------------------------------|-------------------------------|------------|----------------------|---------------|---------------------------------------|
| 28                  | 85                     | PL28 CL 14M 85 4F  | 4F           | 005-1062     | 124,78                           | 122,12                           | 127                                   | 98                               | —                | —                            | —                                      | 102                                               | 45                            | Guss/Stahl | 2,700                | 2517          | 60                                    |
| 29                  | 85                     | PL29 CL 14M 85 4F  | 4F           | 005-1062     | 129,23                           | 126,57                           | 138                                   | 100                              | —                | —                            | —                                      | 102                                               | 45                            | Guss/Stahl | 3,400                | 2517          | 60                                    |
| 30                  | 85                     | PL30 CL 14M 85 4F  | 4F           | 005-1062     | 133,69                           | 130,99                           | 138                                   | 100                              | —                | —                            | —                                      | 102                                               | 45                            | Guss/Stahl | 3,750                | 2517          | 60                                    |
| 32                  | 85                     | PL32 CL 14M 85 4F  | 4F           | 005-1062     | 142,60                           | 139,88                           | 154                                   | 108                              | —                | —                            | —                                      | 102                                               | 45                            | Guss/Stahl | 4,800                | 2517          | 60                                    |
| 34                  | 85                     | PL34 CL 14M 85 4F  | 4F           | 005-1062     | 151,52                           | 148,79                           | 160                                   | 110                              | —                | —                            | —                                      | 102                                               | 45                            | Guss/Stahl | 6,000                | 2517          | 60                                    |
| 36                  | 85                     | PL36 CL 14M 85 4F  | 4F           | 005-1062     | 160,43                           | 157,68                           | 168                                   | 125                              | —                | —                            | —                                      | 102                                               | 51                            | Guss/Stahl | 5,800                | 3020          | 75                                    |
| 38                  | 85                     | PL38 CL 14M 85 4F  | 4F           | 005-1062     | 169,34                           | 166,60                           | 183                                   | 130                              | —                | —                            | —                                      | 102                                               | 51                            | Guss/Stahl | 6,800                | 3020          | 75                                    |
| 40                  | 85                     | PL40 CL 14M 85 4F  | 4F           | 005-1062     | 178,25                           | 175,49                           | 188                                   | 138                              | —                | —                            | —                                      | 102                                               | 51                            | Guss/Stahl | 8,000                | 3020          | 75                                    |
| 44                  | 85                     | PL44 CL 14M 85 4F  | 4F           | 005-1062     | 196,08                           | 193,28                           | 211                                   | 155                              | —                | —                            | —                                      | 102                                               | 76                            | Guss/Stahl | 11,800               | 3030          | 75                                    |
| 48                  | 85                     | PL48 CL 14M 85 4F  | 4F           | 005-1062     | 213,90                           | 211,11                           | 226                                   | 170                              | —                | —                            | —                                      | 102                                               | 76                            | Guss/Stahl | 15,100               | 3030          | 75                                    |
| 56                  | 85                     | PL56 CL 14M 85 4F  | 4F           | 005-1062     | 249,55                           | 246,76                           | 256                                   | 210                              | 190              | —                            | —                                      | 102                                               | 65                            | Guss/Stahl | 19,000               | 3525          | 90                                    |
| 64                  | 85                     | PL64 CL 14M 85 9WF | 9WF          | 005-1162     | 285,21                           | 282,41                           | 296                                   | 242                              | 190              | —                            | —                                      | 102                                               | 65                            | Guss/Stahl | 23,000               | 3525          | 90                                    |
| 72                  | 85                     | PL72 CL 14M 85 9W  | 9W           | 005-1160     | 320,86                           | 318,06                           | —                                     | 280                              | 190              | —                            | —                                      | 102                                               | 65                            | Guss/Stahl | 25,000               | 3525          | 90                                    |
| 80                  | 85                     | PL80 CL 14M 85 9A  | 9A           | 005-1260     | 356,51                           | 353,71                           | —                                     | 315                              | 190              | —                            | —                                      | 102                                               | 65                            | Guss/Stahl | 26,000               | 3525          | 90                                    |
| 90                  | 85                     | PL90 CL 14M 85 9A  | 9A           | 005-1260     | 401,07                           | 398,28                           | —                                     | 360                              | 190              | —                            | —                                      | 102                                               | 65                            | Guss/Stahl | 27,800               | 3525          | 90                                    |
| 112                 | 85                     | PL112 CL 14M 85 9A | 9A           | 005-1260     | 499,11                           | 496,32                           | —                                     | 457                              | 190              | —                            | —                                      | 102                                               | 65                            | Guss/Stahl | 36,500               | 3525          | 90                                    |
| 144                 | 85                     | PL144 CL 14M 85 9A | 9A           | 005-1260     | 641,71                           | 638,92                           | —                                     | 600                              | 190              | —                            | —                                      | 102                                               | 65                            | Guss/Stahl | 48,000               | 3525          | 90                                    |
| 168                 | 85                     | PL168 CL 14M 85 9A | 9A           | 005-1260     | 748,66                           | 745,87                           | —                                     | 706                              | 190              | —                            | —                                      | 102                                               | 65                            | Guss/Stahl | 60,000               | 3525          | 90                                    |
| 192                 | 85                     | PL192 CL 14M 85 3A | 3A           | 001-1260     | 855,62                           | 852,82                           | —                                     | 813                              | 230              | —                            | —                                      | 102                                               | 102                           | Guss/Stahl | 86,000               | 4040          | 100                                   |
| 216                 | 85                     | PL216 CL 14M 85 3A | 3A           | 001-1260     | 962,57                           | 959,76                           | —                                     | 920                              | 230              | —                            | —                                      | 102                                               | 102                           | Guss/Stahl | 91,500               | 4040          | 100                                   |

### CL TL 14M 115

| Zäh-<br>ne-<br>zahl | Rie-<br>men-<br>breite | Bestellbezeichnung  | Typ<br>(alt) | Typ<br>(neu) | Wirk-Ø<br>Zahn-<br>scheibe<br>Dw | Außen-Ø<br>Verzahn-<br>ung<br>DA | Außen-<br>Ø<br>Bord-<br>scheibe<br>D4 | Ø-<br>Aus-<br>dre-<br>hung<br>D3 | Ø-<br>Nabe<br>D2 | Vor-<br>boh-<br>rung<br>(D1) | Ø<br>Fertig-<br>bohrung<br>D1<br>(max) | Verzahn-<br>te Breite<br>(Kranz-<br>breite)<br>B1 | An-<br>schlag-<br>länge<br>B3 | Material   | Ge-<br>wicht<br>(kg) | TL-<br>Buchse | max Ø<br>Boh-<br>rung<br>TL<br>Buchse |
|---------------------|------------------------|---------------------|--------------|--------------|----------------------------------|----------------------------------|---------------------------------------|----------------------------------|------------------|------------------------------|----------------------------------------|---------------------------------------------------|-------------------------------|------------|----------------------|---------------|---------------------------------------|
| 28                  | 115                    | PL28 CL 14M 115 4F  | 4F           | 005-1062     | 124,78                           | 122,12                           | 127                                   | 98                               | —                | —                            | —                                      | 133                                               | 45                            | Guss/Stahl | 3,770                | 2517          | 60                                    |
| 29                  | 115                    | PL29 CL 14M 115 4F  | 4F           | 005-1062     | 129,23                           | 126,57                           | 138                                   | 100                              | —                | —                            | —                                      | 133                                               | 45                            | Guss/Stahl | 4,000                | 2517          | 60                                    |
| 30                  | 115                    | PL30 CL 14M 115 4F  | 4F           | 005-1062     | 133,69                           | 130,99                           | 138                                   | 100                              | —                | —                            | —                                      | 133                                               | 45                            | Guss/Stahl | 5,000                | 2517          | 60                                    |
| 32                  | 115                    | PL32 CL 14M 115 4F  | 4F           | 005-1062     | 142,60                           | 139,88                           | 154                                   | 108                              | —                | —                            | —                                      | 133                                               | 45                            | Guss/Stahl | 6,800                | 2517          | 60                                    |
| 34                  | 115                    | PL34 CL 14M 115 4F  | 4F           | 005-1062     | 151,52                           | 148,79                           | 160                                   | 110                              | —                | —                            | —                                      | 133                                               | 45                            | Guss/Stahl | 6,800                | 2517          | 60                                    |
| 36                  | 115                    | PL36 CL 14M 115 4F  | 4F           | 005-1062     | 160,43                           | 157,68                           | 168                                   | 125                              | —                | —                            | —                                      | 133                                               | 51                            | Guss/Stahl | 7,000                | 3020          | 75                                    |
| 38                  | 115                    | PL38 CL 14M 115 4F  | 4F           | 005-1062     | 169,34                           | 166,60                           | 183                                   | 130                              | —                | —                            | —                                      | 133                                               | 51                            | Guss/Stahl | 8,400                | 3020          | 75                                    |
| 40                  | 115                    | PL40 CL 14M 115 4F  | 4F           | 005-1062     | 178,25                           | 175,49                           | 188                                   | 138                              | —                | —                            | —                                      | 133                                               | 51                            | Guss/Stahl | 9,200                | 3020          | 75                                    |
| 44                  | 115                    | PL44 CL 14M 115 4F  | 4F           | 005-1062     | 196,08                           | 193,28                           | 211                                   | 155                              | —                | —                            | —                                      | 133                                               | 76                            | Guss/Stahl | 14,000               | 3030          | 75                                    |
| 48                  | 115                    | PL48 CL 14M 115 4F  | 4F           | 005-1062     | 213,90                           | 211,11                           | 226                                   | 170                              | —                | —                            | —                                      | 133                                               | 76                            | Guss/Stahl | 17,100               | 3030          | 75                                    |
| 56                  | 115                    | PL56 CL 14M 115 4F  | 4F           | 005-1062     | 249,55                           | 246,76                           | 256                                   | 210                              | 190              | —                            | —                                      | 133                                               | 89                            | Guss/Stahl | 24,800               | 3525          | 90                                    |
| 64                  | 115                    | PL64 CL 14M 115 9WF | 9WF          | 005-1162     | 285,21                           | 282,41                           | 296                                   | 242                              | 190              | —                            | —                                      | 133                                               | 89                            | Guss/Stahl | 27,000               | 3525          | 90                                    |
| 72                  | 115                    | PL72 CL 14M 115 9W  | 9W           | 005-1160     | 320,86                           | 318,06                           | —                                     | 280                              | 190              | —                            | —                                      | 133                                               | 89                            | Guss/Stahl | 29,000               | 3525          | 90                                    |
| 80                  | 115                    | PL80 CL 14M 115 9A  | 9A           | 005-1260     | 356,51                           | 353,71                           | —                                     | 315                              | 190              | —                            | —                                      | 133                                               | 89                            | Guss/Stahl | 32,000               | 3525          | 90                                    |
| 90                  | 115                    | PL90 CL 14M 115 9A  | 9A           | 005-1260     | 401,07                           | 398,28                           | —                                     | 360                              | 190              | —                            | —                                      | 133                                               | 89                            | Guss/Stahl | 36,500               | 3525          | 90                                    |
| 112                 | 115                    | PL112 CL 14M 115 9A | 9A           | 005-1260     | 499,11                           | 496,32                           | —                                     | 457                              | 190              | —                            | —                                      | 133                                               | 89                            | Guss/Stahl | 46,000               | 3525          | 90                                    |
| 144                 | 115                    | PL144 CL 14M 115 9A | 9A           | 005-1260     | 641,71                           | 638,92                           | —                                     | 600                              | 190              | —                            | —                                      | 133                                               | 102                           | Guss/Stahl | 68,000               | 3525          | 90                                    |
| 168                 | 115                    | PL168 CL 14M 115 9A | 9A           | 005-1260     | 748,66                           | 745,87                           | —                                     | 706                              | 190              | —                            | —                                      | 133                                               | 102                           | Guss/Stahl | 82,600               | 3525          | 90                                    |
| 192                 | 115                    | PL192 CL 14M 115 3A | 3A           | 001-1260     | 855,62                           | 852,82                           | —                                     | 813                              | 230              | —                            | —                                      | 133                                               | 102                           | Guss/Stahl | 96,000               | 4040          | 100                                   |
| 216                 | 115                    | PL216 CL 14M 115 3A | 3A           | 001-1260     | 962,57                           | 959,76                           | —                                     | 920                              | 230              | —                            | —                                      | 133                                               | 102                           | Guss/Stahl | 107,000              | 4040          | 100                                   |

Die Darstellung der Zahnscheibentypen finden Sie auf der Seite 26.

Bei Verwendung der Welle-Nabe-Verbindung mit Passfeder sind die Anzugsmomente um 20% zu reduzieren (Klammermaße).

Wir empfehlen den Einsatz der Spannbuchsenverbindung mit Passfeder.

## Teilung 14mm

### CL TL 14M 170

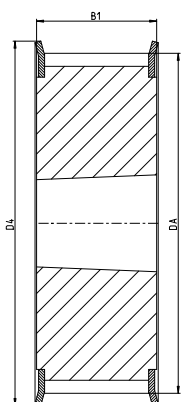
| Zäh-<br>ne-<br>zahl | Rie-<br>men-<br>breite | Bestellbezeichnung  | Typ<br>(alt) | Typ<br>(neu) | Wirk-Ø<br>Zahn-<br>scheibe<br>Dw | Außen-Ø<br>Verzah-<br>nung<br>DA | Außen-<br>Ø<br>Bord-<br>scheibe<br>D4 | Ø-<br>Aus-<br>dre-<br>hung<br>D3 | Ø-<br>Nabe<br>D2 | Vor-<br>boh-<br>rung<br>(D1) | Ø<br>Fertig-<br>bohrung<br>D1<br>(max) | Verzahn-<br>te Breite<br>(Kranz-<br>breite)<br>B1 | An-<br>schlag-<br>länge<br>B3 | Material   | Ge-<br>wicht<br>(kg) | TL-<br>Buchse | max Ø<br>Boh-<br>rung<br>TL<br>Buchse |
|---------------------|------------------------|---------------------|--------------|--------------|----------------------------------|----------------------------------|---------------------------------------|----------------------------------|------------------|------------------------------|----------------------------------------|---------------------------------------------------|-------------------------------|------------|----------------------|---------------|---------------------------------------|
| 38                  | 170                    | PL38 CL 14M 170 4F  | 4F           | 005-1062     | 169,34                           | 166,60                           | 183                                   | 130                              | —                | —                            | —                                      | 187                                               | 76                            | Guss/Stahl | 11,700               | 3030          | 75                                    |
| 40                  | 170                    | PL40 CL 14M 170 4F  | 4F           | 005-1062     | 178,25                           | 175,49                           | 188                                   | 140                              | —                | —                            | —                                      | 187                                               | 76                            | Guss/Stahl | 13,000               | 3030          | 75                                    |
| 44                  | 170                    | PL44 CL 14M 170 4F  | 4F           | 005-1062     | 196,08                           | 193,28                           | 211                                   | 155                              | —                | —                            | —                                      | 187                                               | 89                            | Guss/Stahl | 15,000               | 3535          | 90                                    |
| 48                  | 170                    | PL48 CL 14M 170 4F  | 4F           | 005-1062     | 213,90                           | 211,11                           | 226                                   | 175                              | —                | —                            | —                                      | 187                                               | 89                            | Guss/Stahl | 19,000               | 3535          | 90                                    |
| 56                  | 170                    | PL56 CL 14M 170 4F  | 4F           | 005-1062     | 249,55                           | 246,76                           | 256                                   | 210                              | —                | —                            | —                                      | 187                                               | 89                            | Guss/Stahl | 28,500               | 3535          | 90                                    |
| 64                  | 170                    | PL64 CL 14M 170 4F  | 4F           | 005-1062     | 285,21                           | 282,41                           | 296                                   | 240                              | —                | —                            | —                                      | 187                                               | 102                           | Guss/Stahl | 41,000               | 4040          | 100                                   |
| 72                  | 170                    | PL72 CL 14M 170 9W  | 9W           | 005-1160     | 320,86                           | 318,06                           | —                                     | 280                              | 230              | —                            | —                                      | 187                                               | 102                           | Guss/Stahl | 46,900               | 4040          | 100                                   |
| 80                  | 170                    | PL80 CL 14M 170 9W  | 9W           | 005-1160     | 356,51                           | 353,71                           | —                                     | 315                              | 230              | —                            | —                                      | 187                                               | 102                           | Guss/Stahl | 48,000               | 4040          | 100                                   |
| 90                  | 170                    | PL90 CL 14M 170 9A  | 9A           | 005-1260     | 401,07                           | 398,28                           | —                                     | 360                              | 230              | —                            | —                                      | 187                                               | 102                           | Guss/Stahl | 52,500               | 4040          | 100                                   |
| 112                 | 170                    | PL112 CL 14M 170 9A | 9A           | 005-1260     | 499,11                           | 496,32                           | —                                     | 456                              | 265              | —                            | —                                      | 187                                               | 127                           | Guss/Stahl | 74,500               | 5050          | 125                                   |
| 144                 | 170                    | PL144 CL 14M 170 9A | 9A           | 005-1260     | 641,71                           | 638,92                           | —                                     | 600                              | 265              | —                            | —                                      | 187                                               | 127                           | Guss/Stahl | 91,000               | 5050          | 125                                   |
| 168                 | 170                    | PL168 CL 14M 170 9A | 9A           | 005-1260     | 748,66                           | 745,87                           | —                                     | 706                              | 265              | —                            | —                                      | 187                                               | 127                           | Guss/Stahl | 116,000              | 5050          | 125                                   |
| 192                 | 170                    | PL192 CL 14M 170 9A | 9A           | 005-1260     | 855,62                           | 852,82                           | —                                     | 813                              | 265              | —                            | —                                      | 187                                               | 127                           | Guss/Stahl | 134,000              | 5050          | 125                                   |
| 216                 | 170                    | PL216 CL 14M 170 9A | 9A           | 005-1260     | 962,57                           | 959,76                           | —                                     | 920                              | 265              | —                            | —                                      | 187                                               | 127                           | Guss/Stahl | 146,500              | 5050          | 125                                   |

Die Darstellung der Zahnscheibentypen finden Sie auf der Seite 26.

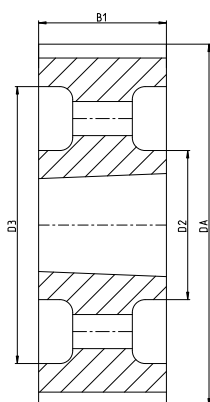
Bei Verwendung der Welle-Nabe-Verbindung mit Passfeder sind die Anzugsmomente um 20% zu reduzieren (Klammermaße).

Wir empfehlen den Einsatz der Spannbuchsenverbindung mit Passfeder.

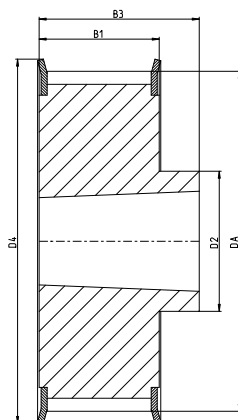
## Walther Flender Zahnriemenscheiben – Ausführungen CLASSIC TL-Buchsen Standardzahnscleiben



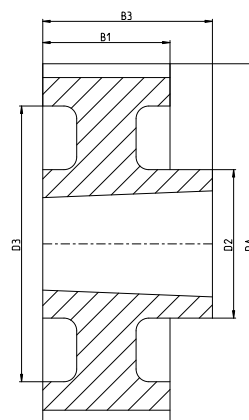
**3F**  
(Typ 001-1062)



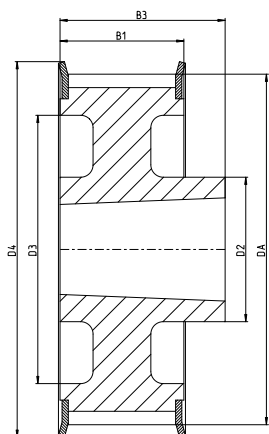
**3A**  
(Typ 001-1260)



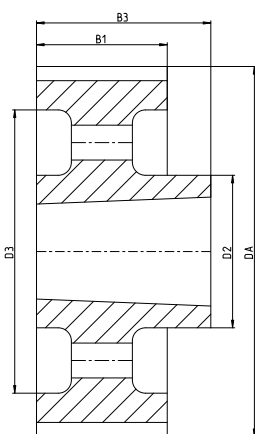
**8F**  
(Typ 002-1062)



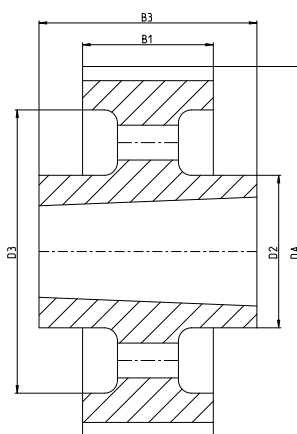
**8A**  
(Typ 002-1160)



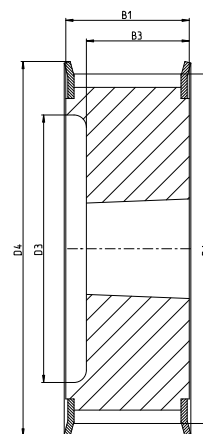
**8WF**  
(Typ 002-1162)



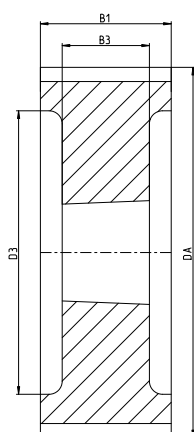
**8W**  
(Typ 002-1260)



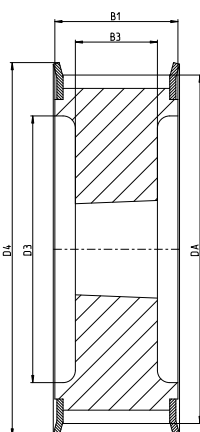
**7A**  
(Typ 003-1260)



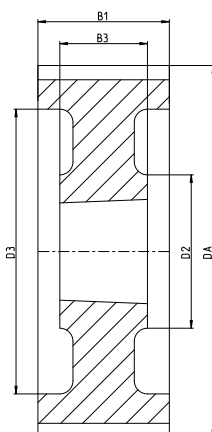
**5F**  
(Typ 004-1062)



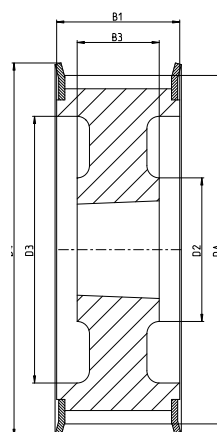
**4**  
(Typ 006-1060)



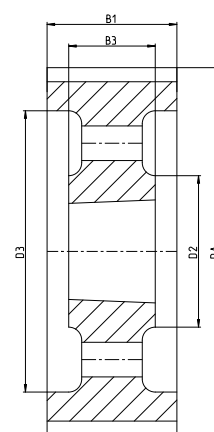
**4F**  
(Typ 005-1062)



**9W**  
(Typ 005-1160)



**9WF**  
(Typ 005-1162)



**9A**  
(Typ 005-1260)

## Walther Flender Zahnriemenscheiben – PolyChain® Standardzahnscheiben

Teilung 8mm

### PC 8M-12

| Zähne-<br>zahl | Breite | Bezeichnung | Typ<br>(alt) | Typ<br>(neu) | Wirk-Ø<br>Zahn-<br>scheibe<br>Dw | Außen-Ø<br>Verzah-<br>nung<br>DA | Außen-<br>Ø<br>Bord-<br>scheibe<br>D4 | Ø-<br>Aus-<br>dre-<br>hung<br>D3 | Ø-<br>Nabe<br>D2 | Vor-<br>boh-<br>rung<br>(D1) | Ø<br>Fertig-<br>bohrung<br>D1<br>(max) | Verzahn-<br>te Breite<br>(Kranz-<br>breite)<br>B1 | An-<br>schlag-<br>länge<br>B3 | Material   | Gewicht<br>(kg) | TL-<br>Buchse | max Ø<br>Boh-<br>rung<br>TL<br>Buchse |
|----------------|--------|-------------|--------------|--------------|----------------------------------|----------------------------------|---------------------------------------|----------------------------------|------------------|------------------------------|----------------------------------------|---------------------------------------------------|-------------------------------|------------|-----------------|---------------|---------------------------------------|
| 22             | 12     | 8M-22S-12   | 1F           | 002-1002     | 56,02                            | 54,42                            | 60                                    | –                                | 43               | 12                           | 28                                     | 20                                                | 30                            | Guss/Stahl | 0,42            |               | VB*                                   |
| 25             | 12     | 8M-25S-12   | 2F           | 002-1062     | 63,66                            | 62,06                            | 70                                    | –                                | 49               | –                            | –                                      | 20                                                | 22                            | Guss/Stahl | 0,43            | 1108          | 28                                    |
| 28             | 12     | 8M-28S-12   | 2F           | 002-1062     | 71,30                            | 69,70                            | 75                                    | –                                | 59               | –                            | –                                      | 20                                                | 22                            | Guss/Stahl | 0,60            | 1108          | 28                                    |
| 30             | 12     | 8M-30S-12   | 2F           | 002-1062     | 76,39                            | 74,79                            | 83                                    | –                                | 66               | –                            | –                                      | 20                                                | 25                            | Guss/Stahl | 0,67            | 1210          | 32                                    |
| 32             | 12     | 8M-32S-12   | 2F           | 002-1062     | 81,49                            | 79,89                            | 87                                    | –                                | 66               | –                            | –                                      | 20                                                | 25                            | Guss/Stahl | 0,77            | 1610          | 42                                    |
| 34             | 12     | 8M-34S-12   | 2F           | 002-1062     | 86,58                            | 84,98                            | 91                                    | –                                | 70               | –                            | –                                      | 20                                                | 25                            | Guss/Stahl | 0,88            | 1610          | 42                                    |
| 36             | 12     | 8M-36S-12   | 2F           | 002-1062     | 91,67                            | 90,07                            | 98                                    | –                                | 78               | –                            | –                                      | 20                                                | 25                            | Guss/Stahl | 1,02            | 1610          | 42                                    |
| 38             | 12     | 8M-38S-12   | 2F           | 002-1062     | 96,77                            | 95,17                            | 103                                   | –                                | 80               | –                            | –                                      | 20                                                | 25                            | Guss/Stahl | 1,15            | 1610          | 42                                    |
| 40             | 12     | 8M-40S-12   | 2F           | 002-1062     | 101,86                           | 100,26                           | 106                                   | –                                | 85               | –                            | –                                      | 20                                                | 25                            | Guss/Stahl | 1,19            | 1610          | 42                                    |
| 45             | 12     | 8M-45S-12   | 2F           | 002-1062     | 114,59                           | 112,99                           | 119                                   | –                                | 92               | –                            | –                                      | 20                                                | 32                            | Guss/Stahl | 1,76            | 2012          | 50                                    |
| 48             | 12     | 8M-48S-12   | 2F           | 002-1062     | 122,23                           | 120,63                           | 127                                   | –                                | 104              | –                            | –                                      | 20                                                | 32                            | Guss/Stahl | 2,16            | 2012          | 50                                    |
| 50             | 12     | 8M-50S-12   | 2F           | 002-1062     | 127,32                           | 125,72                           | 135                                   | –                                | 104              | –                            | –                                      | 20                                                | 32                            | Guss/Stahl | 2,28            | 2012          | 50                                    |
| 56             | 12     | 8M-56S-12   | 2F           | 002-1062     | 142,60                           | 141,00                           | 148                                   | –                                | 104              | –                            | –                                      | 20                                                | 32                            | Guss/Stahl | 2,83            | 2012          | 50                                    |
| 60             | 12     | 8M-60S-12   | 2F           | 002-1062     | 152,79                           | 151,19                           | 158                                   | –                                | 111              | –                            | –                                      | 20                                                | 32                            | Guss/Stahl | 3,24            | 2012          | 50                                    |
| 64             | 12     | 8M-64S-12   | 2F           | 002-1062     | 162,97                           | 161,37                           | 168                                   | –                                | 111              | –                            | –                                      | 20                                                | 32                            | Guss/Stahl | 3,51            | 2012          | 50                                    |
| 75             | 12     | 8M-75S-12   | 2            | 002-1060     | 190,99                           | 189,39                           | –                                     | –                                | 111              | –                            | –                                      | 20                                                | 32                            | Guss/Stahl | 4,57            | 2012          | 50                                    |
| 80             | 12     | 8M-80S-12   | 2            | 002-1060     | 203,72                           | 202,12                           | –                                     | –                                | 111              | –                            | –                                      | 20                                                | 32                            | Guss/Stahl | 5,13            | 2012          | 50                                    |
| 90             | 12     | 8M-90S-12   | 2            | 002-1060     | 229,18                           | 227,58                           | –                                     | –                                | 111              | –                            | –                                      | 20                                                | 32                            | Guss/Stahl | 6,37            | 2012          | 50                                    |

\* vorgebohrt

### PC 8M-21

| Zähne-<br>zahl | Breite | Bezeichnung | Typ<br>(alt) | Typ<br>(neu) | Wirk-Ø<br>Zahn-<br>scheibe<br>Dw | Außen-Ø<br>Verzah-<br>nung<br>DA | Außen-Ø<br>Bord-<br>scheibe<br>D4 | Ø-<br>Aus-<br>dre-<br>hung<br>D3 | Ø-<br>Nabe<br>D2 | Vor-<br>boh-<br>rung<br>(D1) | Ø<br>Fertig-<br>bohrung<br>D1<br>(max) | Verzahn-<br>te Breite<br>(Kranz-<br>breite)<br>B1 | An-<br>schlag-<br>länge<br>B3 | Material   | Gewicht<br>(kg) | TL-<br>Buchse | max Ø<br>Boh-<br>rung<br>TL<br>Buchse |
|----------------|--------|-------------|--------------|--------------|----------------------------------|----------------------------------|-----------------------------------|----------------------------------|------------------|------------------------------|----------------------------------------|---------------------------------------------------|-------------------------------|------------|-----------------|---------------|---------------------------------------|
| 22             | 21     | 8M-22S-21   | 1F           | 002-1002     | 56,02                            | 54,42                            | 60                                | –                                | 43               | 12                           | 28                                     | 30                                                | 40                            | Guss/Stahl | 0,57            |               | VB*                                   |
| 25             | 21     | 8M-25S-21   | 3F           | 001-1062     | 63,66                            | 62,06                            | 70                                | –                                | –                | –                            | –                                      | 30                                                | 22                            | Guss/Stahl | 0,60            | 1108          | 28                                    |
| 28             | 21     | 8M-28S-21   | 3F           | 001-1062     | 71,30                            | 69,70                            | 75                                | –                                | –                | –                            | –                                      | 30                                                | 25                            | Guss/Stahl | 0,75            | 1210          | 32                                    |
| 30             | 21     | 8M-30S-21   | 3F           | 001-1062     | 76,39                            | 74,79                            | 83                                | –                                | –                | –                            | –                                      | 30                                                | 25                            | Guss/Stahl | 0,83            | 1210          | 32                                    |
| 32             | 21     | 8M-32S-21   | 3F           | 001-1062     | 81,49                            | 79,89                            | 87                                | –                                | –                | –                            | –                                      | 30                                                | 25                            | Guss/Stahl | 0,97            | 1610          | 42                                    |
| 34             | 21     | 8M-34S-21   | 3F           | 001-1062     | 86,58                            | 84,98                            | 91                                | –                                | –                | –                            | –                                      | 30                                                | 25                            | Guss/Stahl | 1,12            | 1610          | 42                                    |
| 36             | 21     | 8M-36S-21   | 3F           | 001-1062     | 91,67                            | 90,07                            | 98                                | –                                | –                | –                            | –                                      | 30                                                | 25                            | Guss/Stahl | 1,29            | 1610          | 42                                    |
| 38             | 21     | 8M-38S-21   | 3F           | 001-1062     | 96,77                            | 95,17                            | 103                               | –                                | –                | –                            | –                                      | 30                                                | 25                            | Guss/Stahl | 1,34            | 1610          | 42                                    |
| 40             | 21     | 8M-40S-21   | 3F           | 001-1062     | 101,86                           | 100,26                           | 106                               | –                                | –                | –                            | –                                      | 30                                                | 25                            | Guss/Stahl | 1,50            | 1610          | 42                                    |
| 45             | 21     | 8M-45S-21   | 2F           | 002-1062     | 114,59                           | 112,99                           | 119                               | –                                | 92               | –                            | –                                      | 30                                                | 32                            | Guss/Stahl | 2,03            | 2012          | 50                                    |
| 48             | 21     | 8M-48S-21   | 2F           | 002-1062     | 122,23                           | 120,63                           | 127                               | –                                | 104              | –                            | –                                      | 30                                                | 32                            | Guss/Stahl | 2,24            | 2012          | 50                                    |
| 50             | 21     | 8M-50S-21   | 2F           | 002-1062     | 127,32                           | 125,72                           | 135                               | –                                | 104              | –                            | –                                      | 30                                                | 32                            | Guss/Stahl | 2,42            | 2012          | 50                                    |
| 56             | 21     | 8M-56S-21   | 2F           | 002-1062     | 142,60                           | 141,00                           | 148                               | –                                | 111              | –                            | –                                      | 30                                                | 32                            | Guss/Stahl | 3,20            | 2012          | 50                                    |
| 60             | 21     | 8M-60S-21   | 2F           | 002-1062     | 152,79                           | 151,19                           | 158                               | –                                | 124              | –                            | –                                      | 30                                                | 45                            | Guss/Stahl | 4,66            | 2517          | 60                                    |
| 64             | 21     | 8M-64S-21   | 2F           | 002-1062     | 162,97                           | 161,37                           | 168                               | –                                | 124              | –                            | –                                      | 30                                                | 45                            | Guss/Stahl | 5,28            | 2517          | 60                                    |
| 75             | 21     | 8M-75S-21   | 2            | 002-1060     | 190,99                           | 189,39                           | –                                 | –                                | 124              | –                            | –                                      | 30                                                | 45                            | Guss/Stahl | 6,77            | 2517          | 60                                    |
| 80             | 21     | 8M-80S-21   | 2            | 002-1060     | 203,72                           | 202,12                           | –                                 | –                                | 124              | –                            | –                                      | 30                                                | 45                            | Guss/Stahl | 7,61            | 2517          | 60                                    |
| 90             | 21     | 8M-90S-21   | 9            | 003-1160     | 229,18                           | 227,58                           | –                                 | 198                              | 124              | –                            | –                                      | 30                                                | 45                            | Guss/Stahl | 8,57            | 2517          | 60                                    |
| 112            | 21     | 8M-112S-21  | 9            | 003-1160     | 285,21                           | 283,61                           | –                                 | 253                              | 124              | –                            | –                                      | 30                                                | 45                            | Guss/Stahl | 12,50           | 2517          | 60                                    |
| 140            | 21     | 8M-140S-21  | 10           | 003-1260     | 356,51                           | 354,91                           | –                                 | 324                              | 150              | –                            | –                                      | 30                                                | 51                            | Guss/Stahl | 12,79           | 3020          | 75                                    |

\* vorgebohrt

Die Darstellung der Zahnscheibentypen finden Sie auf der Seite 31.

## Teilung 8mm

### PC 8M-36

| Zähne-<br>zahl | Breite | Bezeichnung | Typ<br>(alt) | Typ<br>(neu) | Wirk-Ø<br>Zahn-<br>scheibe<br>Dw | Außen-Ø<br>Verzahn-<br>nung<br>DA | Außen-<br>Ø<br>Bord-<br>scheibe<br>D4 | Ø-<br>Aus-<br>dre-<br>hung<br>D3 | Ø-<br>Nabe<br>D2 | Vor-<br>boh-<br>rung<br>(D1) | Ø<br>Fertig-<br>bohrung<br>D1<br>(max) | Verzahn-<br>te Breite<br>(Kranz-<br>breite)<br>B1 | An-<br>schlag-<br>länge<br>B3 | Material   | Gewicht<br>(kg) | TL-<br>Buchse | max Ø<br>Boh-<br>rung<br>TL<br>Buchse |
|----------------|--------|-------------|--------------|--------------|----------------------------------|-----------------------------------|---------------------------------------|----------------------------------|------------------|------------------------------|----------------------------------------|---------------------------------------------------|-------------------------------|------------|-----------------|---------------|---------------------------------------|
| 25             | 36     | 8M-25S-36   | 1F           | 002-1002     | 63,66                            | 62,06                             | 70                                    | -                                | 49               | 12                           | 32                                     | 45                                                | 55                            | Guss/Stahl | 1,02            |               |                                       |
| 28             | 36     | 8M-28S-36   | 3F           | 001-1062     | 71,30                            | 69,70                             | 75                                    | -                                | -                | -                            | -                                      | 45                                                | 25                            | Guss/Stahl | 1,11            | 1210          | 32                                    |
| 30             | 36     | 8M-30S-36   | 3F           | 001-1062     | 76,39                            | 74,79                             | 83                                    | -                                | -                | -                            | -                                      | 45                                                | 25                            | Guss/Stahl | 1,22            | 1610          | 42                                    |
| 32             | 36     | 8M-32S-36   | 3F           | 001-1062     | 81,89                            | 79,89                             | 87                                    | -                                | -                | -                            | -                                      | 45                                                | 25                            | Guss/Stahl | 1,45            | 1610          | 42                                    |
| 34             | 36     | 8M-34S-36   | 3F           | 001-1062     | 86,58                            | 84,98                             | 91                                    | -                                | -                | -                            | -                                      | 45                                                | 25                            | Guss/Stahl | 1,660           | 1610          | 42                                    |
| 36             | 36     | 8M-36S-36   | 3F           | 001-1062     | 91,67                            | 90,07                             | 98                                    | -                                | -                | -                            | -                                      | 45                                                | 25                            | Guss/Stahl | 1,90            | 1610          | 42                                    |
| 38             | 36     | 8M-38S-36   | 3F           | 001-1062     | 96,77                            | 95,17                             | 103                                   | -                                | -                | -                            | -                                      | 45                                                | 25                            | Guss/Stahl | 2,210           | 1610          | 42                                    |
| 40             | 36     | 8M-40S-36   | 3F           | 001-1062     | 101,86                           | 100,26                            | 106                                   | -                                | -                | -                            | -                                      | 45                                                | 32                            | Guss/Stahl | 2,360           | 2012          | 50                                    |
| 45             | 36     | 8M-45S-36   | 3F           | 001-1062     | 114,59                           | 112,99                            | 119                                   | -                                | -                | -                            | -                                      | 45                                                | 32                            | Guss/Stahl | 3,07            | 2012          | 50                                    |
| 48             | 36     | 8M-48S-36   | 3F           | 001-1062     | 122,23                           | 120,63                            | 127                                   | -                                | -                | -                            | -                                      | 45                                                | 32                            | Guss/Stahl | 3,30            | 2012          | 50                                    |
| 50             | 36     | 8M-50S-36   | 3F           | 001-1062     | 127,32                           | 125,72                            | 135                                   | -                                | -                | -                            | -                                      | 45                                                | 32                            | Guss/Stahl | 3,58            | 2012          | 50                                    |
| 56             | 36     | 8M-56S-36   | 3F           | 001-1062     | 142,60                           | 141,00                            | 148                                   | -                                | -                | -                            | -                                      | 45                                                | 45                            | Guss/Stahl | 4,48            | 2517          | 60                                    |
| 56             | 36     | 8M-56S-36   | 3F           | 001-1062     | 142,60                           | 141,00                            | 150                                   | -                                | -                | -                            | -                                      | 45                                                | -                             | Guss/Stahl | 4,48            | 2517          | 60                                    |
| 64             | 36     | 8M-64S-36   | 3F           | 001-1062     | 162,97                           | 161,37                            | 168                                   | -                                | -                | -                            | -                                      | 45                                                | 45                            | Guss/Stahl | 6,19            | 2517          | 60                                    |
| 75             | 36     | 8M-75S-36   | 2            | 002-1060     | 190,99                           | 189,39                            | -                                     | -                                | 150              | -                            | -                                      | 45                                                | 51                            | Guss/Stahl | 8,72            | 3020          | 75                                    |
| 80             | 36     | 8M-80S-36   | 2            | 002-1060     | 203,72                           | 202,12                            | -                                     | -                                | 150              | -                            | -                                      | 45                                                | 51                            | Guss/Stahl | 9,96            | 3020          | 75                                    |
| 90             | 36     | 8M-90S-36   | 9            | 003-1160     | 229,18                           | 227,58                            | -                                     | 197                              | 150              | -                            | -                                      | 45                                                | 51                            | Guss/Stahl | 10,41           | 3020          | 75                                    |
| 112            | 36     | 8M-112S-36  | 9            | 003-1160     | 285,21                           | 283,61                            | -                                     | 253                              | 150              | -                            | -                                      | 45                                                | 51                            | Guss/Stahl | 14,01           | 3020          | 75                                    |
| 140            | 36     | 8M-140S-36  | 10           | 003-1260     | 356,51                           | 354,91                            | -                                     | 324                              | 150              | -                            | -                                      | 45                                                | 51                            | Guss/Stahl | 11,98           | 3020          | 75                                    |
| 168            | 36     | 8M-168S-36  | 10           | 003-1260     | 427,81                           | 426,21                            | -                                     | 396                              | 198              | -                            | -                                      | 45                                                | 65                            | Guss/Stahl | 23,91           | 3525          | 100                                   |
| 192            | 36     | 8M-192S-36  | 10           | 003-1260     | 488,92                           | 487,32                            | -                                     | 457                              | 198              | -                            | -                                      | 45                                                | 65                            | Guss/Stahl | 26,53           | 3525          | 100                                   |

### PC 8M-62

| Zähne-<br>zahl | Breite | Bezeichnung | Typ<br>(alt) | Typ<br>(neu) | Wirk-Ø<br>Zahn-<br>scheibe<br>Dw | Außen-Ø<br>Verzahn-<br>nung<br>DA | Außen-<br>Ø<br>Bord-<br>scheibe<br>D4 | Ø-<br>Aus-<br>dre-<br>hung<br>D3 | Ø-<br>Nabe<br>D2 | Vor-<br>boh-<br>rung<br>(D1) | Ø<br>Fertig-<br>bohrung<br>D1<br>(max) | Verzahn-<br>te Breite<br>(Kranz-<br>breite)<br>B1 | An-<br>schlag-<br>länge<br>B3 | Material   | Gewicht<br>(kg) | TL-<br>Buchse | max Ø<br>Boh-<br>rung<br>TL<br>Buchse |
|----------------|--------|-------------|--------------|--------------|----------------------------------|-----------------------------------|---------------------------------------|----------------------------------|------------------|------------------------------|----------------------------------------|---------------------------------------------------|-------------------------------|------------|-----------------|---------------|---------------------------------------|
| 30             | 62     | 8M-30S-62   | 1F           | 002-1002     | 76,39                            | 74,79                             | 83                                    | -                                | 65               | 20                           | 42                                     | 72                                                | 84                            | Guss/Stahl | 2,45            |               |                                       |
| 32             | 62     | 8M-32S-62   | 1F           | 002-1002     | 81,49                            | 79,89                             | 87                                    | -                                | 69               | 20                           | 50                                     | 72                                                | 84                            | Guss/Stahl | 2,82            |               |                                       |
| 34             | 62     | 8M-34S-62   | 1F           | 002-1002     | 86,58                            | 84,98                             | 91                                    | -                                | 69               | 20                           | 55                                     | 72                                                | 84                            | Guss/Stahl | 3,17            |               |                                       |
| 36             | 62     | 8M-36S-62   | 1F           | 002-1002     | 91,67                            | 90,07                             | 98                                    | -                                | 77               | 20                           | 60                                     | 72                                                | 84                            | Guss/Stahl | 3,52            |               |                                       |
| 38             | 62     | 8M-38S-62   | 1F           | 002-1002     | 96,77                            | 95,17                             | 103                                   | -                                | 84               | 20                           | 60                                     | 72                                                | 84                            | Guss/Stahl | 3,91            |               |                                       |
| 40             | 62     | 8M-40S-62   | 3F           | 001-1062     | 101,86                           | 100,26                            | 106                                   | -                                | -                | -                            | -                                      | 72                                                | 32                            | Guss/Stahl | 3,76            | 2012          | 50                                    |
| 45             | 62     | 8M-45S-62   | 3F           | 001-1062     | 114,59                           | 112,99                            | 119                                   | -                                | -                | -                            | -                                      | 72                                                | 32                            | Guss/Stahl | 4,88            | 2012          | 50                                    |
| 48             | 62     | 8M-48S-62   | 3F           | 001-1062     | 122,23                           | 120,63                            | 127                                   | -                                | -                | -                            | -                                      | 72                                                | 45                            | Guss/Stahl | 5,52            | 2517          | 60                                    |
| 50             | 62     | 8M-50S-62   | 3F           | 001-1062     | 127,32                           | 125,72                            | 135                                   | -                                | -                | -                            | -                                      | 72                                                | 45                            | Guss/Stahl | 6,03            | 2517          | 60                                    |
| 56             | 62     | 8M-56S-62   | 6F           | 005-1062     | 142,60                           | 141,00                            | 148                                   | 111                              | -                | -                            | -                                      | 72                                                | 45                            | Guss/Stahl | 5,43            | 2517          | 60                                    |
| 60             | 62     | 8M-60S-62   | 6F           | 005-1062     | 152,79                           | 151,19                            | 158                                   | 121                              | -                | -                            | -                                      | 72                                                | 45                            | Guss/Stahl | 6,33            | 2517          | 60                                    |
| 64             | 62     | 8M-64S-62   | 6F           | 005-1062     | 162,97                           | 161,37                            | 168                                   | 131                              | -                | -                            | -                                      | 72                                                | 45                            | Guss/Stahl | 7,11            | 2517          | 60                                    |
| 75             | 62     | 8M-75S-62   | 6            | 005-1060     | 190,99                           | 189,39                            | -                                     | 159                              | -                | -                            | -                                      | 72                                                | 51                            | Guss/Stahl | 9,99            | 3020          | 75                                    |
| 80             | 62     | 8M-80S-62   | 6            | 005-1060     | 203,72                           | 202,12                            | -                                     | 172                              | -                | -                            | -                                      | 72                                                | 51                            | Guss/Stahl | 11,44           | 3020          | 75                                    |
| 90             | 62     | 8M-90S-62   | 6            | 005-1060     | 229,18                           | 227,58                            | -                                     | 197                              | -                | -                            | -                                      | 72                                                | 51                            | Guss/Stahl | 14,94           | 3020          | 75                                    |
| 112            | 62     | 8M-112S-62  | 7            | 005-1160     | 285,21                           | 283,61                            | -                                     | 253                              | 150              | -                            | -                                      | 72                                                | 51                            | Guss/Stahl | 14,94           | 3020          | 75                                    |
| 140            | 62     | 8M-140S-62  | 7            | 005-1160     | 356,51                           | 354,91                            | -                                     | 324                              | 198              | -                            | -                                      | 72                                                | 65                            | Guss/Stahl | 24,77           | 3525          | 100                                   |
| 168            | 62     | 8M-168S-62  | 8            | 005-1260     | 427,81                           | 426,21                            | -                                     | 396                              | 198              | -                            | -                                      | 72                                                | 65                            | Guss/Stahl | 28,39           | 3525          | 100                                   |
| 192            | 62     | 8M-192S-62  | 8            | 005-1260     | 488,92                           | 487,32                            | -                                     | 457                              | 198              | -                            | -                                      | 72                                                | 65                            | Guss/Stahl | 32,18           | 3525          | 100                                   |

Die Darstellung der Zahnscheibentypen finden Sie auf der Seite 31.

## Teilung 14mm

## PC 14M-37

| Zähne-<br>zahl | Breite | Bezeichnung | Typ<br>(alt) | Typ<br>(neu) | Wirk-Ø<br>Zahn-<br>scheibe<br>Dw | Außen-Ø<br>Verzah-<br>nung<br>DA | Außen-<br>Ø<br>Bord-<br>scheibe<br>D4 | Ø-<br>Aus-<br>dre-<br>hung<br>D3 | Ø-<br>Nabe<br>D2 | Vor-<br>boh-<br>rung<br>(D1) | Ø<br>Fertig-<br>bohrung<br>D1<br>(max) | Verzahn-<br>te Breite<br>(Kranz-<br>breite)<br>B1 | An-<br>schlag-<br>länge<br>B3 | Material   | Gewicht<br>(kg) | TL-<br>Buchse | max Ø<br>Boh-<br>rung<br>TL<br>Buchse |
|----------------|--------|-------------|--------------|--------------|----------------------------------|----------------------------------|---------------------------------------|----------------------------------|------------------|------------------------------|----------------------------------------|---------------------------------------------------|-------------------------------|------------|-----------------|---------------|---------------------------------------|
| 28             | 37     | 14M-28S-37  | 5F           | 004-1052     | 124,78                           | 121,98                           | 127                                   | 88                               | -                | -                            | -                                      | 51                                                | 32                            | Guss/Stahl | 2,97            | 2012          | 50                                    |
| 30             | 37     | 14M-30S-37  | 6F           | 005-1062     | 133,69                           | 130,89                           | 138                                   | 98                               | -                | -                            | -                                      | 51                                                | 45                            | Guss/Stahl | 3,81            | 2517          | 60                                    |
| 32             | 37     | 14M-32S-37  | 6F           | 005-1062     | 142,60                           | 139,80                           | 154                                   | 100                              | -                | -                            | -                                      | 51                                                | 45                            | Guss/Stahl | 4,53            | 2517          | 60                                    |
| 34             | 37     | 14M-34S-37  | 6F           | 005-1062     | 151,52                           | 148,72                           | 160                                   | 109                              | -                | -                            | -                                      | 51                                                | 45                            | Guss/Stahl | 5,06            | 2517          | 60                                    |
| 36             | 37     | 14M-36S-37  | 5F           | 004-1052     | 160,43                           | 157,53                           | 168                                   | 117                              | -                | -                            | -                                      | 51                                                | 45                            | Guss/Stahl | 5,92            | 2517          | 60                                    |
| 38             | 37     | 14M-38S-37  | 5F           | 004-1052     | 169,34                           | 166,54                           | 183                                   | 126                              | -                | -                            | -                                      | 51                                                | 45                            | Guss/Stahl | 6,51            | 2517          | 60                                    |
| 40             | 37     | 14M-40S-37  | 5F           | 004-1052     | 178,25                           | 175,45                           | 197                                   | 135                              | -                | -                            | -                                      | 51                                                | 45                            | Guss/Stahl | 7,31            | 2517          | 60                                    |
| 44             | 37     | 14M-44S-37  | 3F           | 001-1062     | 196,08                           | 193,28                           | 211                                   | -                                | -                | -                            | -                                      | 51                                                | 51                            | Guss/Stahl | 9,44            | 3020          | 75                                    |
| 48             | 37     | 14M-48S-37  | 3F           | 001-1062     | 213,90                           | 211,11                           | 226                                   | -                                | -                | -                            | -                                      | 51                                                | 51                            | Guss/Stahl | 11,44           | 3020          | 75                                    |
| 50             | 37     | 14M-50S-37  | 3F           | 001-1062     | 222,82                           | 220,02                           | 240                                   | -                                | -                | -                            | -                                      | 51                                                | 51                            | Guss/Stahl | 12,62           | 3020          | 75                                    |
| 56             | 37     | 14M-56S-37  | 7F           | 005-1162     | 249,55                           | 246,76                           | 267                                   | 207                              | 144              | -                            | -                                      | 51                                                | 51                            | Guss/Stahl | 12,70           | 3020          | 75                                    |
| 60             | 37     | 14M-60S-37  | 7            | 005-1160     | 267,38                           | 264,58                           | -                                     | 224                              | 159              | -                            | -                                      | 51                                                | 51                            | Guss/Stahl | 14,23           | 3020          | 75                                    |
| 64             | 37     | 14M-64S-37  | 7            | 005-1160     | 285,21                           | 282,41                           | -                                     | 242                              | 159              | -                            | -                                      | 51                                                | 51                            | Guss/Stahl | 15,58           | 3020          | 75                                    |
| 72             | 37     | 14M-72S-37  | 7            | 005-1160     | 320,86                           | 318,06                           | -                                     | 278                              | 159              | -                            | -                                      | 51                                                | 51                            | Guss/Stahl | 17,24           | 3020          | 75                                    |
| 80             | 37     | 14M-80S-37  | 7            | 005-1160     | 356,51                           | 353,71                           | -                                     | 314                              | 159              | -                            | -                                      | 51                                                | 51                            | Guss/Stahl | 20,32           | 3020          | 75                                    |
| 90             | 37     | 14M-90S-37  | 8            | 005-1260     | 401,07                           | 398,27                           | -                                     | 360                              | 159              | -                            | -                                      | 51                                                | 51                            | Guss/Stahl | 29,85           | 3020          | 75                                    |
| 112            | 37     | 14M-112S-37 | 8            | 005-1260     | 499,11                           | 496,31                           | -                                     | 456                              | 159              | -                            | -                                      | 51                                                | 51                            | Guss/Stahl | 27,43           | 3020          | 75                                    |
| 140            | 37     | 14M-140S-37 | 10           | 003-1260     | 623,89                           | 621,09                           | -                                     | 581                              | 206              | -                            | -                                      | 51                                                | 65                            | Guss/Stahl | 33,55           | 3525          | 100                                   |
| 168            | 37     | 14M-168S-37 | 10           | 003-1260     | 748,66                           | 745,87                           | -                                     | 706                              | 206              | -                            | -                                      | 51                                                | 65                            | Guss/Stahl | 64,50           | 3525          | 100                                   |
| 192            | 37     | 14M-192S-37 | 10           | 003-1260     | 855,61                           | 852,82                           | -                                     | 812                              | 215              | -                            | -                                      | 51                                                | 76                            | Guss/Stahl | 83,82           | 4030          | 115                                   |

## PC 14M-68

| Zähne-<br>zahl | Breite | Bezeichnung | Typ<br>(alt) | Typ<br>(neu) | Wirk-Ø<br>Zahn-<br>scheibe<br>Dw | Außen-Ø<br>Verzah-<br>nung<br>DA | Außen-<br>Ø<br>Bord-<br>scheibe<br>D4 | Ø-<br>Aus-<br>dre-<br>hung<br>D3 | Ø-<br>Nabe<br>D2 | Vor-<br>boh-<br>rung<br>(D1) | Ø<br>Fertig-<br>bohrung<br>D1<br>(max) | Verzahn-<br>te Breite<br>(Kranz-<br>breite)<br>B1 | An-<br>schlag-<br>länge<br>B3 | Material   | Gewicht<br>(kg) | TL-<br>Buchse | max Ø<br>Boh-<br>rung<br>TL<br>Buchse |
|----------------|--------|-------------|--------------|--------------|----------------------------------|----------------------------------|---------------------------------------|----------------------------------|------------------|------------------------------|----------------------------------------|---------------------------------------------------|-------------------------------|------------|-----------------|---------------|---------------------------------------|
| 34             | 68     | 14M-34S-68  | 1F           | 002-1002     | 151,52                           | 148,72                           | 160                                   | -                                | 134              | 40                           | 100                                    | 84                                                | 104                           | Guss/Stahl | 6,25            |               |                                       |
| 36             | 68     | 14M-36S-68  | 1F           | 002-1002     | 160,43                           | 157,63                           | 168                                   | -                                | 131              | 40                           | 110                                    | 84                                                | 104                           | Guss/Stahl | 6,68            |               |                                       |
| 38             | 68     | 14M-38S-68  | 1F           | 002-1002     | 169,34                           | 166,54                           | 183                                   | -                                | 141              | 40                           | 115                                    | 84                                                | 104                           | Guss/Stahl | 7,46            |               |                                       |
| 40             | 68     | 14M-40S-68  | 1F           | 002-1002     | 178,25                           | 175,45                           | 188                                   | -                                | 156              | 40                           | 125                                    | 84                                                | 104                           | Guss/Stahl | 7,81            |               |                                       |
| 44             | 68     | 14M-44S-68  | 6F           | 005-1062     | 196,08                           | 193,28                           | 211                                   | 153                              | -                | -                            | -                                      | 84                                                | 51                            | Guss/Stahl | 11,54           | 3020          | 75                                    |
| 48             | 68     | 14M-48S-68  | 5F           | 004-1052     | 213,90                           | 211,11                           | 226                                   | 171                              | -                | -                            | -                                      | 84                                                | 51                            | Guss/Stahl | 13,74           | 3020          | 75                                    |
| 50             | 68     | 14M-50S-68  | 6F           | 005-1062     | 222,82                           | 220,02                           | 240                                   | 180                              | -                | -                            | -                                      | 84                                                | 65                            | Guss/Stahl | 16,63           | 3525          | 100                                   |
| 56             | 68     | 14M-56S-68  | 6F           | 005-1062     | 249,55                           | 246,76                           | 256                                   | 207                              | -                | -                            | -                                      | 84                                                | 65                            | Guss/Stahl | 21,15           | 3525          | 100                                   |
| 60             | 68     | 14M-60S-68  | 6            | 005-1060     | 267,38                           | 264,58                           | -                                     | 224                              | -                | -                            | -                                      | 84                                                | 65                            | Guss/Stahl | 24,28           | 3525          | 100                                   |
| 64             | 68     | 14M-64S-68  | 6            | 005-1060     | 285,21                           | 282,41                           | -                                     | 242                              | -                | -                            | -                                      | 84                                                | 65                            | Guss/Stahl | 27,86           | 3525          | 100                                   |
| 72             | 68     | 14M-72S-68  | 7            | 005-1160     | 320,86                           | 318,06                           | -                                     | 278                              | 178              | -                            | -                                      | 84                                                | 65                            | Guss/Stahl | 25,74           | 3525          | 100                                   |
| 80             | 68     | 14M-80S-68  | 7            | 005-1160     | 356,51                           | 353,71                           | -                                     | 314                              | 178              | -                            | -                                      | 84                                                | 65                            | Guss/Stahl | 29,86           | 3525          | 100                                   |
| 90             | 68     | 14M-90S-68  | 8            | 005-1260     | 401,07                           | 398,27                           | -                                     | 360                              | 178              | -                            | -                                      | 84                                                | 65                            | Guss/Stahl | 31,24           | 3525          | 100                                   |
| 112            | 68     | 14M-112S-68 | 8            | 005-1260     | 499,11                           | 496,31                           | -                                     | 456                              | 178              | -                            | -                                      | 84                                                | 65                            | Guss/Stahl | 39,25           | 3525          | 100                                   |
| 140            | 68     | 14M-140S-68 | 8            | 005-1260     | 623,89                           | 621,09                           | -                                     | 581                              | 206              | -                            | -                                      | 84                                                | 65                            | Guss/Stahl | 40,87           | 3525          | 100                                   |
| 168            | 68     | 14M-168S-68 | 8            | 005-1260     | 748,66                           | 745,87                           | -                                     | 706                              | 206              | -                            | -                                      | 84                                                | 65                            | Guss/Stahl | 73,30           | 3525          | 100                                   |
| 192            | 68     | 14M-192S-68 | 8            | 005-1260     | 855,61                           | 852,82                           | -                                     | 812                              | 215              | -                            | -                                      | 84                                                | 76                            | Guss/Stahl | 94,21           | 4030          | 115                                   |

Die Darstellung der Zahnscheibentypen finden Sie auf der Seite 31.

## Teilung 14mm

### PC 14M-90

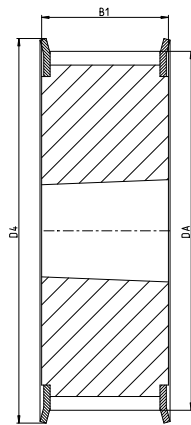
| Zähne-<br>zahl | Breite | Bezeichnung | Typ<br>(alt) | Typ<br>(neu) | Wirk-Ø<br>Zahn-<br>scheibe<br>Dw | Außen-Ø<br>Verzah-<br>nung<br>DA | Außen-<br>Ø<br>Bord-<br>scheibe<br>D4 | Ø-<br>Aus-<br>dre-<br>hung<br>D3 | Ø-<br>Nabe<br>D2 | Vor-<br>boh-<br>rung<br>(D1) | Ø<br>Fertig-<br>bohrung<br>D1<br>(max) | Verzahn-<br>te Breite<br>(Kranz-<br>breite)<br>B1 | An-<br>schlag-<br>länge<br>B3 | Material   | Gewicht<br>(kg) | TL-<br>Buchse | max Ø<br>Boh-<br>rung<br>TL<br>Buchse |
|----------------|--------|-------------|--------------|--------------|----------------------------------|----------------------------------|---------------------------------------|----------------------------------|------------------|------------------------------|----------------------------------------|---------------------------------------------------|-------------------------------|------------|-----------------|---------------|---------------------------------------|
| 36             | 90     | 14M-36S-90  | 1F           | 002-1002     | 160,43                           | 157,63                           | 168                                   | -                                | 131              | 50                           | 110                                    | 106                                               | 136                           | Guss/Stahl | 8,18            |               |                                       |
| 38             | 90     | 14M-38S-90  | 1F           | 002-1002     | 169,34                           | 166,54                           | 183                                   | -                                | 141              | 50                           | 115                                    | 106                                               | 136                           | Guss/Stahl | 9,73            |               |                                       |
| 40             | 90     | 14M-40S-90  | 1F           | 002-1002     | 178,25                           | 175,45                           | 188                                   | -                                | 156              | 50                           | 125                                    | 106                                               | 136                           | Guss/Stahl | 10,29           |               |                                       |
| 44             | 90     | 14M-44S-90  | 1F           | 002-1002     | 196,08                           | 193,28                           | 211                                   | -                                | 169              | 50                           | 140                                    | 106                                               | 136                           | Guss/Stahl | 11,92           |               |                                       |
| 48             | 90     | 14M-48S-90  | 6F           | 005-1062     | 213,90                           | 211,11                           | 226                                   | 171                              | -                | -                            | -                                      | 106                                               | 66                            | Guss/Stahl | 16,76           | 3525          | 100                                   |
| 50             | 90     | 14M-50S-90  | 6F           | 005-1062     | 222,82                           | 220,02                           | 240                                   | 180                              | -                | -                            | -                                      | 106                                               | 66                            | Guss/Stahl | 18,38           | 3525          | 100                                   |
| 56             | 90     | 14M-56S-90  | 6F           | 005-1062     | 249,55                           | 246,76                           | 256                                   | 207                              | -                | -                            | -                                      | 106                                               | 66                            | Guss/Stahl | 23,46           | 3525          | 100                                   |
| 60             | 90     | 14M-60S-90  | 6            | 005-1060     | 267,38                           | 264,58                           | -                                     | 224                              | -                | -                            | -                                      | 106                                               | 66                            | Guss/Stahl | 26,53           | 3525          | 100                                   |
| 64             | 90     | 14M-64S-90  | 6            | 005-1060     | 285,21                           | 282,41                           | -                                     | 242                              | -                | -                            | -                                      | 106                                               | 66                            | Guss/Stahl | 30,30           | 3525          | 100                                   |
| 72             | 90     | 14M-72S-90  | 7            | 005-1160     | 320,86                           | 318,06                           | -                                     | 278                              | 178              | -                            | -                                      | 106                                               | 66                            | Guss/Stahl | 26,36           | 3525          | 100                                   |
| 80             | 90     | 14M-80S-90  | 7            | 005-1160     | 356,51                           | 353,71                           | -                                     | 314                              | 215              | -                            | -                                      | 106                                               | 76                            | Guss/Stahl | 35,61           | 4030          | 115                                   |
| 90             | 90     | 14M-90S-90  | 7            | 005-1160     | 401,07                           | 398,27                           | -                                     | 360                              | 215              | -                            | -                                      | 106                                               | 76                            | Guss/Stahl | 41,90           | 4030          | 115                                   |
| 112            | 90     | 14M-112S-90 | 8            | 005-1260     | 499,11                           | 496,31                           | -                                     | 456                              | 215              | -                            | -                                      | 106                                               | 90                            | Guss/Stahl | 70,89           | 4535          | 125                                   |
| 140            | 90     | 14M-140S-90 | 8            | 005-1260     | 623,89                           | 621,09                           | -                                     | 581                              | 215              | -                            | -                                      | 106                                               | 90                            | Guss/Stahl | 74,56           | 4535          | 125                                   |
| 168            | 90     | 14M-168S-90 | 8            | 005-1260     | 748,66                           | 745,87                           | -                                     | 708                              | 267              | -                            | -                                      | 106                                               | 102                           | Guss/Stahl | 109,24          | 5040          | 130                                   |
| 192            | 90     | 14M-192S-90 | 8            | 005-1260     | 855,61                           | 852,82                           | -                                     | 812                              | 267              | -                            | -                                      | 106                                               | 102                           | Guss/Stahl | 126,05          | 5040          | 130                                   |

### PC 14M-125

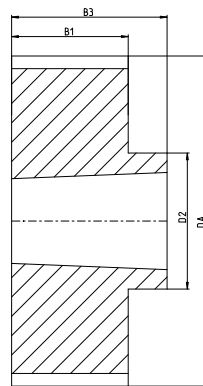
| Zähne-<br>zahl | Breite | Bezeichnung  | Typ<br>(alt) | Typ<br>(neu) | Wirk-Ø<br>Zahn-<br>scheibe<br>Dw | Außen-Ø<br>Verzah-<br>nung<br>DA | Außen-<br>Ø<br>Bord-<br>scheibe<br>D4 | Ø-<br>Aus-<br>dre-<br>hung<br>D3 | Ø-<br>Nabe<br>D2 | Vor-<br>boh-<br>rung<br>(D1) | Ø<br>Fertig-<br>bohrung<br>D1<br>(max) | Verzahn-<br>te Breite<br>(Kranz-<br>breite)<br>B1 | An-<br>schlag-<br>länge<br>B3 | Material   | Gewicht<br>(kg) | TL-<br>Buchse | max Ø<br>Boh-<br>rung<br>TL<br>Buchse |
|----------------|--------|--------------|--------------|--------------|----------------------------------|----------------------------------|---------------------------------------|----------------------------------|------------------|------------------------------|----------------------------------------|---------------------------------------------------|-------------------------------|------------|-----------------|---------------|---------------------------------------|
| 38             | 125    | 14M-38S-125  | 1F           | 002-1002     | 169,34                           | 166,54                           | 183                                   | -                                | 147              | 50                           | 115                                    | 141                                               | 161                           | Guss/Stahl | 11,74           |               |                                       |
| 40             | 125    | 14M-40S-125  | 1F           | 002-1002     | 178,25                           | 175,45                           | 188                                   | -                                | 156              | 50                           | 125                                    | 141                                               | 161                           | Guss/Stahl | 12,23           |               |                                       |
| 44             | 125    | 14M-44S-125  | 1F           | 002-1002     | 196,08                           | 193,28                           | 211                                   | -                                | 169              | 50                           | 140                                    | 141                                               | 161                           | Guss/Stahl | 14,46           |               |                                       |
| 48             | 125    | 14M-48S-125  | 1F           | 002-1002     | 213,90                           | 211,11                           | 226                                   | -                                | 185              | 50                           | 160                                    | 141                                               | 161                           | Guss/Stahl | 14,70           |               |                                       |
| 50             | 125    | 14M-50S-125  | 6F           | 005-1062     | 222,82                           | 220,02                           | 240                                   | 180                              | -                | -                            | -                                      | 141                                               | 65                            | Guss/Stahl | 20,93           | 3525          | 100                                   |
| 56             | 125    | 14M-56S-125  | 6F           | 005-1062     | 249,55                           | 246,76                           | 256                                   | 207                              | -                | -                            | -                                      | 141                                               | 65                            | Guss/Stahl | 25,91           | 3525          | 100                                   |
| 60             | 125    | 14M-60S-125  | 6            | 005-1060     | 267,38                           | 264,58                           | -                                     | 224                              | -                | -                            | -                                      | 141                                               | 76                            | Guss/Stahl | 30,92           | 4030          | 115                                   |
| 64             | 125    | 14M-64S-125  | 6            | 005-1060     | 285,21                           | 282,41                           | -                                     | 242                              | -                | -                            | -                                      | 141                                               | 76                            | Guss/Stahl | 35,34           | 4030          | 115                                   |
| 72             | 125    | 14M-72S-125  | 7            | 005-1160     | 320,86                           | 318,06                           | -                                     | 278                              | 215              | -                            | -                                      | 141                                               | 76                            | Guss/Stahl | 37,71           | 4030          | 115                                   |
| 80             | 125    | 14M-80S-125  | 7            | 005-1160     | 356,51                           | 353,71                           | -                                     | 314                              | 215              | -                            | -                                      | 141                                               | 76                            | Guss/Stahl | 42,02           | 4030          | 115                                   |
| 90             | 125    | 14M-90S-125  | 7            | 005-1160     | 401,07                           | 398,27                           | -                                     | 360                              | 215              | -                            | -                                      | 141                                               | 76                            | Guss/Stahl | 51,29           | 4030          | 115                                   |
| 112            | 125    | 14M-112S-125 | 8            | 005-1260     | 499,11                           | 496,31                           | -                                     | 581                              | 215              | -                            | -                                      | 141                                               | 89                            | Guss/Stahl | 65,64           | 4535          | 125                                   |
| 140            | 125    | 14M-140S-125 | 8            | 005-1260     | 623,89                           | 621,09                           | -                                     | 581                              | 215              | -                            | -                                      | 141                                               | 89                            | Guss/Stahl | 67,90           | 4535          | 125                                   |
| 168            | 125    | 14M-168S-125 | 8            | 005-1260     | 748,66                           | 745,87                           | -                                     | 706                              | 267              | -                            | -                                      | 141                                               | 102                           | Guss/Stahl | 120,66          | 5040          | 125                                   |
| 192            | 125    | 14M-192S-125 | 8            | 005-1260     | 855,61                           | 852,82                           | -                                     | 812                              | 267              | -                            | -                                      | 141                                               | 102                           | Guss/Stahl | 142,39          | 5040          | 125                                   |

Die Darstellung der Zahnscheibentypen finden Sie auf der Seite 31.

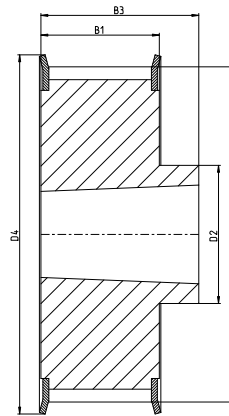
# Walther Flender Zahnriemenscheiben – PolyChain® Standardzahnscheiben



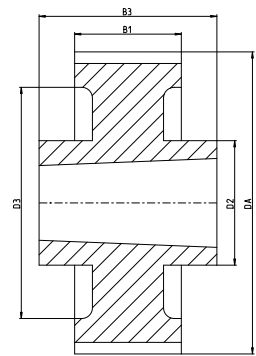
**3F**  
(Typ 001-1062)



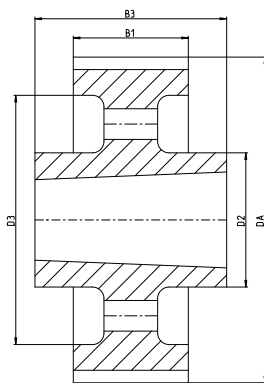
**2**  
(Typ 001-1060)



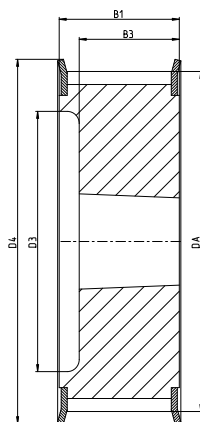
**2F**  
(Typ 002-1062)



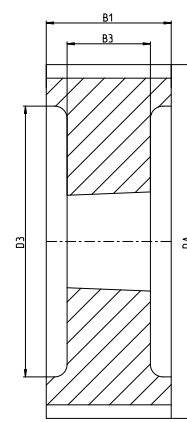
**9**  
(Typ 003-1160)



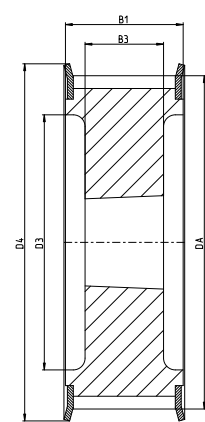
**10**  
(Typ 003-1260)



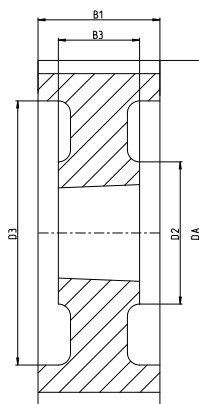
**5F**  
(Typ 004-1052)



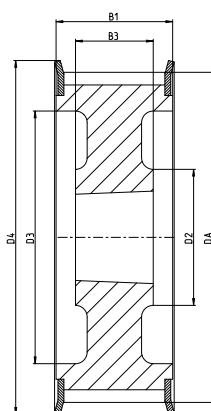
**6**  
(Typ 005-1060)



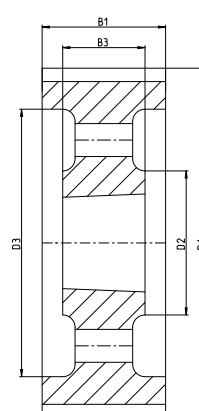
**6F**  
(Typ 005-1062)



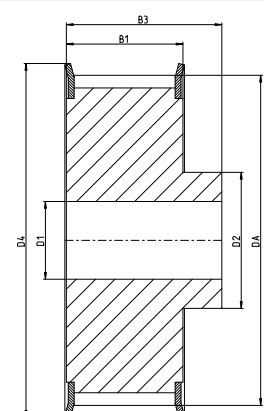
**7**  
(Typ 005-1160)



**7F**  
(Typ 005-1162)



**8**  
(Typ 005-1260)



**1F**  
(Typ 002-1002)

## Walther Flender Zahnriemenscheiben – Standardzahnscheiben mit T-Verzahnung

### T2,5 für Riemenbreite 6 mm

| Zähnezahl | Bezeichnung       | Typ (alt) | Typ (neu) | Wirk-Ø Zahn-scheibe Dw | Außen-Ø Verzahnung DA | Außen-Ø Bord-scheibe D4 | Ø-Aus-drehung D3 | Ø-Nabe D2 | Vorbohrung (D1) | Ø Fertigbohrung D1 (max) | Verzahn-te Breite (Kranz-breite) B1 | An-schlag-länge B3 | Material  | Gewicht (kg) |
|-----------|-------------------|-----------|-----------|------------------------|-----------------------|-------------------------|------------------|-----------|-----------------|--------------------------|-------------------------------------|--------------------|-----------|--------------|
| 12        | 16 T2,5 / 12 - 1F | 1F        | 002-1002  | 9,55                   | 9,00                  | 13                      | -                | 12        | -               | -                        | 9                                   | 16                 | Aluminium | 0,003        |
| 14        | 16 T2,5 / 14 - 1F | 1F        | 002-1002  | 11,14                  | 10,60                 | 15                      | -                | 14        | -               | -                        | 9                                   | 16                 | Aluminium | 0,004        |
| 15        | 16 T2,5 / 15 - 1F | 1F        | 002-1002  | 11,94                  | 11,40                 | 15                      | -                | 15        | -               | -                        | 9                                   | 16                 | Aluminium | 0,005        |
| 16        | 16 T2,5 / 16 - 1F | 1F        | 002-1002  | 12,73                  | 12,20                 | 16                      | -                | 16        | -               | -                        | 9                                   | 16                 | Aluminium | 0,005        |
| 18        | 16 T2,5 / 18 - 2  | 2         | 002-1060  | 14,32                  | 13,80                 | 17,5                    | -                | 9,5       | 4               | -                        | 10                                  | 16                 | Aluminium | 0,006        |
| 19        | 16 T2,5 / 19 - 2  | 2         | 002-1060  | 15,12                  | 14,60                 | 18                      | -                | 9,5       | 4               | -                        | 10                                  | 16                 | Aluminium | 0,007        |
| 20        | 16 T2,5 / 20 - 2  | 2         | 002-1060  | 15,92                  | 15,40                 | 19,5                    | -                | 10        | 4               | -                        | 10                                  | 16                 | Aluminium | 0,008        |
| 22        | 16 T2,5 / 22 - 2  | 2         | 002-1060  | 17,51                  | 17,00                 | 23                      | -                | 10        | 4               | -                        | 10                                  | 16                 | Aluminium | 0,009        |
| 24        | 16 T2,5 / 24 - 2  | 2         | 002-1060  | 19,10                  | 18,55                 | 23                      | -                | 12        | 4               | -                        | 10                                  | 16                 | Aluminium | 0,012        |
| 25        | 16 T2,5 / 25 - 2  | 2         | 002-1060  | 19,89                  | 19,35                 | 23                      | -                | 12        | 4               | -                        | 10                                  | 16                 | Aluminium | 0,013        |
| 26        | 16 T2,5 / 26 - 2  | 2         | 002-1060  | 20,69                  | 20,15                 | 25                      | -                | 13        | 4               | -                        | 10                                  | 16                 | Aluminium | 0,014        |
| 28        | 16 T2,5 / 28 - 2  | 2         | 002-1060  | 22,28                  | 21,75                 | 25                      | -                | 13        | 4               | -                        | 10                                  | 16                 | Aluminium | 0,016        |
| 30        | 16 T2,5 / 30 - 2  | 2         | 002-1060  | 23,87                  | 23,35                 | 28                      | -                | 16        | 6               | -                        | 10                                  | 16                 | Aluminium | 0,018        |
| 32        | 16 T2,5 / 32 - 2  | 2         | 002-1060  | 25,46                  | 24,95                 | 32                      | -                | 16        | 6               | -                        | 10                                  | 16                 | Aluminium | 0,020        |
| 36        | 16 T2,5 / 36 - 2  | 2         | 002-1060  | 28,65                  | 28,10                 | 36                      | -                | 20        | 6               | -                        | 10                                  | 16                 | Aluminium | 0,026        |
| 40        | 16 T2,5 / 40 - 2  | 2         | 002-1060  | 31,83                  | 31,30                 | 38                      | -                | 20        | 6               | -                        | 10                                  | 16                 | Aluminium | 0,032        |
| 44        | 16 T2,5 / 44 - 2  | 2         | 002-1060  | 35,01                  | 34,50                 | 42                      | -                | 24        | 6               | -                        | 10                                  | 16                 | Aluminium | 0,040        |
| 48        | 16 T2,5 / 48 - 0  | 0         | 002-1000  | 38,20                  | 37,70                 | -                       | -                | 26        | 6               | -                        | 10                                  | 16                 | Aluminium | 0,048        |
| 60        | 16 T2,5 / 60 - 0  | 0         | 002-1000  | 47,75                  | 47,25                 | -                       | -                | 34        | 8               | -                        | 10                                  | 16                 | Aluminium | 0,073        |

### T5 für Riemenbreite 10 mm

| Zähnezahl | Bezeichnung    | Typ (alt) | Typ (neu) | Wirk-Ø Zahn-scheibe Dw | Außen-Ø Verzahnung DA | Außen-Ø Bord-scheibe D4 | Ø-Aus-drehung D3 | Ø-Nabe D2 | Vorbohrung (D1) | Ø Fertigbohrung D1 (max) | Verzahn-te Breite (Kranz-breite) B1 | An-schlag-länge B3 | Material  | Gewicht (kg) |
|-----------|----------------|-----------|-----------|------------------------|-----------------------|-------------------------|------------------|-----------|-----------------|--------------------------|-------------------------------------|--------------------|-----------|--------------|
| 10        | 21 T5 / 10 - 2 | 2         | 002-1060  | 15,92                  | 15,05                 | 19,5                    | -                | 8         | -               | -                        | 15                                  | 21                 | Aluminium | 0,012        |
| 12        | 21 T5 / 12 - 2 | 2         | 002-1060  | 19,10                  | 18,25                 | 23                      | -                | 10        | -               | -                        | 15                                  | 21                 | Aluminium | 0,016        |
| 14        | 21 T5 / 14 - 2 | 2         | 002-1060  | 22,28                  | 21,45                 | 25                      | -                | 13        | -               | -                        | 15                                  | 21                 | Aluminium | 0,019        |
| 15        | 21 T5 / 15 - 2 | 2         | 002-1060  | 23,87                  | 23,05                 | 28                      | -                | 16        | 6               | -                        | 15                                  | 21                 | Aluminium | 0,021        |
| 16        | 21 T5 / 16 - 2 | 2         | 002-1060  | 25,46                  | 24,60                 | 32                      | -                | 18        | 6               | -                        | 15                                  | 21                 | Aluminium | 0,025        |
| 18        | 21 T5 / 18 - 2 | 2         | 002-1060  | 28,65                  | 27,80                 | 32                      | -                | 19        | 6               | -                        | 15                                  | 21                 | Aluminium | 0,031        |
| 19        | 21 T5 / 19 - 2 | 2         | 002-1060  | 30,24                  | 29,40                 | 36                      | -                | 22        | 6               | -                        | 15                                  | 21                 | Aluminium | 0,036        |
| 20        | 21 T5 / 20 - 2 | 2         | 002-1060  | 31,83                  | 31,00                 | 36                      | -                | 23        | 6               | -                        | 15                                  | 21                 | Aluminium | 0,038        |
| 22        | 21 T5 / 22 - 2 | 2         | 002-1060  | 35,01                  | 34,25                 | 38                      | -                | 24        | 6               | -                        | 15                                  | 21                 | Aluminium | 0,046        |
| 24        | 21 T5 / 24 - 2 | 2         | 002-1060  | 38,20                  | 37,40                 | 42                      | -                | 26        | 6               | -                        | 15                                  | 21                 | Aluminium | 0,054        |
| 25        | 21 T5 / 25 - 2 | 2         | 002-1060  | 39,79                  | 39,00                 | 44                      | -                | 26        | 6               | -                        | 15                                  | 21                 | Aluminium | 0,058        |
| 26        | 21 T5 / 26 - 2 | 2         | 002-1060  | 41,38                  | 40,60                 | 44                      | -                | 26        | 6               | -                        | 15                                  | 21                 | Aluminium | 0,062        |
| 27        | 21 T5 / 27 - 2 | 2         | 002-1060  | 42,97                  | 42,20                 | 48                      | -                | 30        | 8               | -                        | 15                                  | 21                 | Aluminium | 0,064        |
| 28        | 21 T5 / 28 - 2 | 2         | 002-1060  | 44,56                  | 43,75                 | 48                      | -                | 32        | 8               | -                        | 15                                  | 21                 | Aluminium | 0,071        |
| 30        | 21 T5 / 30 - 2 | 2         | 002-1060  | 47,75                  | 46,95                 | 51                      | -                | 34        | 8               | -                        | 15                                  | 21                 | Aluminium | 0,075        |
| 32        | 21 T5 / 32 - 2 | 2         | 002-1060  | 50,93                  | 50,10                 | 54                      | -                | 38        | 8               | -                        | 15                                  | 21                 | Aluminium | 0,088        |
| 36        | 21 T5 / 36 - 2 | 2         | 002-1060  | 57,30                  | 56,45                 | 63                      | -                | 38        | 8               | -                        | 15                                  | 21                 | Aluminium | 0,114        |
| 40        | 21 T5 / 40 - 2 | 2         | 002-1060  | 63,66                  | 62,85                 | 66                      | -                | 40        | 8               | -                        | 15                                  | 21                 | Aluminium | 0,138        |
| 42        | 21 T5 / 42 - 2 | 2         | 002-1060  | 66,85                  | 66,00                 | 71                      | -                | 40        | 8               | -                        | 15                                  | 21                 | Aluminium | 0,180        |
| 44        | 21 T5 / 44 - 0 | 0         | 002-1000  | 70,03                  | 69,20                 | -                       | -                | 45        | 8               | -                        | 15                                  | 21                 | Aluminium | 0,185        |
| 48        | 21 T5 / 48 - 0 | 0         | 002-1000  | 76,39                  | 75,55                 | -                       | -                | 50        | 8               | -                        | 15                                  | 21                 | Aluminium | 0,200        |
| 60        | 21 T5 / 60 - 0 | 0         | 002-1000  | 95,49                  | 94,65                 | -                       | -                | 65        | 8               | -                        | 15                                  | 21                 | Aluminium | 0,307        |

Die Darstellung der Zahnscheibentypen finden Sie auf der Seite 39.

## T5 für Riemenbreite 16 mm

| Zähne-<br>zahl | Bezeichnung    | Typ<br>(alt) | Typ<br>(neu) | Wirk-Ø<br>Zahn-<br>scheibe<br>Dw | Außen-Ø<br>Verzah-<br>nung<br>DA | Außen-<br>Ø<br>Bord-<br>scheibe<br>D4 | Ø-Aus-<br>drehung<br>D3 | Ø-<br>Nabe<br>D2 | Vorboh-<br>rung<br>(D1) | Ø<br>Fertigboh-<br>rung<br>D1<br>(max) | Verzahn-<br>te Breite<br>(Kranz-<br>breite)<br>B1 | An-<br>schlag-<br>länge<br>B3 | Material  | Gewicht<br>(kg) |
|----------------|----------------|--------------|--------------|----------------------------------|----------------------------------|---------------------------------------|-------------------------|------------------|-------------------------|----------------------------------------|---------------------------------------------------|-------------------------------|-----------|-----------------|
| 10             | 27 T5 / 10 - 2 | 2            | 002-1060     | 15,92                            | 15,05                            | 19,5                                  | -                       | 8                | -                       | -                                      | 21                                                | 27                            | Aluminium | 0,016           |
| 12             | 27 T5 / 12 - 2 | 2            | 002-1060     | 19,10                            | 18,25                            | 23                                    | -                       | 10               | -                       | -                                      | 21                                                | 27                            | Aluminium | 0,022           |
| 14             | 27 T5 / 14 - 2 | 2            | 002-1060     | 22,28                            | 21,45                            | 25                                    | -                       | 13               | -                       | -                                      | 21                                                | 27                            | Aluminium | 0,026           |
| 15             | 27 T5 / 15 - 2 | 2            | 002-1060     | 23,87                            | 23,05                            | 28                                    | -                       | 16               | 6                       | -                                      | 21                                                | 27                            | Aluminium | 0,029           |
| 16             | 27 T5 / 16 - 2 | 2            | 002-1060     | 25,46                            | 24,60                            | 32                                    | -                       | 18               | 6                       | -                                      | 21                                                | 27                            | Aluminium | 0,035           |
| 18             | 27 T5 / 18 - 2 | 2            | 002-1060     | 28,65                            | 27,80                            | 32                                    | -                       | 19               | 6                       | -                                      | 21                                                | 27                            | Aluminium | 0,043           |
| 19             | 27 T5 / 19 - 2 | 2            | 002-1060     | 30,24                            | 29,40                            | 36                                    | -                       | 22               | 6                       | -                                      | 21                                                | 27                            | Aluminium | 0,049           |
| 20             | 27 T5 / 20 - 2 | 2            | 002-1060     | 31,83                            | 31,00                            | 36                                    | -                       | 23               | 6                       | -                                      | 21                                                | 27                            | Aluminium | 0,053           |
| 22             | 27 T5 / 22 - 2 | 2            | 002-1060     | 35,01                            | 34,25                            | 38                                    | -                       | 24               | 6                       | -                                      | 21                                                | 27                            | Aluminium | 0,054           |
| 24             | 27 T5 / 24 - 2 | 2            | 002-1060     | 38,20                            | 37,40                            | 42                                    | -                       | 26               | 6                       | -                                      | 21                                                | 27                            | Aluminium | 0,076           |
| 25             | 27 T5 / 25 - 2 | 2            | 002-1060     | 39,79                            | 39,00                            | 44                                    | -                       | 26               | 6                       | -                                      | 21                                                | 27                            | Aluminium | 0,081           |
| 26             | 27 T5 / 26 - 2 | 2            | 002-1060     | 41,38                            | 40,60                            | 44                                    | -                       | 26               | 6                       | -                                      | 21                                                | 27                            | Aluminium | 0,085           |
| 27             | 27 T5 / 27 - 2 | 2            | 002-1060     | 42,97                            | 42,20                            | 48                                    | -                       | 30               | 8                       | -                                      | 21                                                | 27                            | Aluminium | 0,090           |
| 28             | 27 T5 / 28 - 2 | 2            | 002-1060     | 44,56                            | 43,75                            | 48                                    | -                       | 32               | 8                       | -                                      | 21                                                | 27                            | Aluminium | 0,092           |
| 30             | 27 T5 / 30 - 2 | 2            | 002-1060     | 47,75                            | 46,95                            | 51                                    | -                       | 34               | 8                       | -                                      | 21                                                | 27                            | Aluminium | 0,105           |
| 32             | 27 T5 / 32 - 2 | 2            | 002-1060     | 50,93                            | 50,10                            | 54                                    | -                       | 38               | 8                       | -                                      | 21                                                | 27                            | Aluminium | 0,123           |
| 36             | 27 T5 / 36 - 2 | 2            | 002-1060     | 57,30                            | 56,45                            | 63                                    | -                       | 38               | 8                       | -                                      | 21                                                | 27                            | Aluminium | 0,160           |
| 40             | 27 T5 / 40 - 2 | 2            | 002-1060     | 63,66                            | 62,85                            | 66                                    | -                       | 40               | 8                       | -                                      | 21                                                | 27                            | Aluminium | 0,193           |
| 42             | 27 T5 / 42 - 2 | 2            | 002-1060     | 66,85                            | 66,00                            | 71                                    | -                       | 40               | 8                       | -                                      | 21                                                | 27                            | Aluminium | 0,205           |
| 44             | 27 T5 / 44 - 0 | 0            | 002-1000     | 70,03                            | 69,20                            | -                                     | -                       | 45               | 8                       | -                                      | 21                                                | 27                            | Aluminium | 0,228           |
| 48             | 27 T5 / 48 - 0 | 0            | 002-1000     | 76,39                            | 75,55                            | -                                     | -                       | 50               | 8                       | -                                      | 21                                                | 27                            | Aluminium | 0,280           |
| 60             | 27 T5 / 60 - 0 | 0            | 002-1000     | 95,49                            | 94,65                            | -                                     | -                       | 65               | 8                       | -                                      | 21                                                | 27                            | Aluminium | 0,430           |

## T5 für Riemenbreite 25 mm

| Zähne-<br>zahl | Bezeichnung    | Typ<br>(alt) | Typ<br>(neu) | Wirk-Ø<br>Zahn-<br>scheibe<br>Dw | Außen-Ø<br>Verzah-<br>nung<br>DA | Außen-<br>Ø<br>Bord-<br>scheibe<br>D4 | Ø-Aus-<br>drehung<br>D3 | Ø-<br>Nabe<br>D2 | Vorboh-<br>rung<br>(D1) | Ø<br>Fertigboh-<br>rung<br>D1<br>(max) | Verzahn-<br>te Breite<br>(Kranz-<br>breite)<br>B1 | An-<br>schlag-<br>länge<br>B3 | Material  | Gewicht<br>(kg) |
|----------------|----------------|--------------|--------------|----------------------------------|----------------------------------|---------------------------------------|-------------------------|------------------|-------------------------|----------------------------------------|---------------------------------------------------|-------------------------------|-----------|-----------------|
| 10             | 36 T5 / 10 - 2 | 2            | 002-1060     | 15,92                            | 15,05                            | 19,5                                  | -                       | 8                | -                       | -                                      | 30                                                | 36                            | Aluminium | 0,023           |
| 12             | 36 T5 / 12 - 2 | 2            | 002-1060     | 19,10                            | 18,25                            | 23                                    | -                       | 10               | -                       | -                                      | 30                                                | 36                            | Aluminium | 0,031           |
| 14             | 36 T5 / 14 - 2 | 2            | 002-1060     | 22,28                            | 21,45                            | 25                                    | -                       | 13               | -                       | -                                      | 30                                                | 36                            | Aluminium | 0,037           |
| 15             | 36 T5 / 15 - 2 | 2            | 002-1060     | 23,87                            | 23,05                            | 28                                    | -                       | 16               | 6                       | -                                      | 30                                                | 36                            | Aluminium | 0,041           |
| 16             | 36 T5 / 16 - 2 | 2            | 002-1060     | 25,46                            | 24,60                            | 32                                    | -                       | 18               | 6                       | -                                      | 30                                                | 36                            | Aluminium | 0,050           |
| 18             | 36 T5 / 18 - 2 | 2            | 002-1060     | 28,65                            | 27,80                            | 32                                    | -                       | 19               | 6                       | -                                      | 30                                                | 36                            | Aluminium | 0,061           |
| 19             | 36 T5 / 19 - 2 | 2            | 002-1060     | 30,24                            | 29,40                            | 36                                    | -                       | 22               | 6                       | -                                      | 30                                                | 36                            | Aluminium | 0,070           |
| 20             | 36 T5 / 20 - 2 | 2            | 002-1060     | 31,83                            | 31,00                            | 36                                    | -                       | 23               | 6                       | -                                      | 30                                                | 36                            | Aluminium | 0,076           |
| 22             | 36 T5 / 22 - 2 | 2            | 002-1060     | 35,01                            | 34,25                            | 38                                    | -                       | 24               | 8                       | -                                      | 30                                                | 36                            | Aluminium | 0,080           |
| 24             | 36 T5 / 24 - 2 | 2            | 002-1060     | 38,20                            | 37,40                            | 42                                    | -                       | 26               | 8                       | -                                      | 30                                                | 36                            | Aluminium | 0,109           |
| 25             | 36 T5 / 25 - 2 | 2            | 002-1060     | 39,79                            | 39,00                            | 44                                    | -                       | 26               | 8                       | -                                      | 30                                                | 36                            | Aluminium | 0,116           |
| 26             | 36 T5 / 26 - 2 | 2            | 002-1060     | 41,38                            | 40,60                            | 44                                    | -                       | 26               | 8                       | -                                      | 30                                                | 36                            | Aluminium | 0,120           |
| 27             | 36 T5 / 27 - 2 | 2            | 002-1060     | 42,97                            | 42,20                            | 48                                    | -                       | 30               | 8                       | -                                      | 30                                                | 36                            | Aluminium | 0,128           |
| 28             | 36 T5 / 28 - 2 | 2            | 002-1060     | 44,56                            | 43,75                            | 48                                    | -                       | 32               | 8                       | -                                      | 30                                                | 36                            | Aluminium | 0,132           |
| 30             | 36 T5 / 30 - 2 | 2            | 002-1060     | 47,75                            | 46,95                            | 51                                    | -                       | 34               | 8                       | -                                      | 30                                                | 36                            | Aluminium | 0,150           |
| 32             | 36 T5 / 32 - 2 | 2            | 002-1060     | 50,93                            | 50,10                            | 54                                    | -                       | 38               | 8                       | -                                      | 30                                                | 36                            | Aluminium | 0,176           |
| 36             | 36 T5 / 36 - 2 | 2            | 002-1060     | 57,30                            | 56,45                            | 63                                    | -                       | 38               | 8                       | -                                      | 30                                                | 36                            | Aluminium | 0,230           |
| 40             | 36 T5 / 40 - 2 | 2            | 002-1060     | 63,66                            | 62,85                            | 66                                    | -                       | 40               | 8                       | -                                      | 30                                                | 36                            | Aluminium | 0,276           |
| 42             | 36 T5 / 42 - 2 | 2            | 002-1060     | 66,85                            | 66,00                            | 71                                    | -                       | 40               | 8                       | -                                      | 30                                                | 36                            | Aluminium | 0,284           |
| 44             | 36 T5 / 44 - 0 | 0            | 002-1000     | 70,03                            | 69,20                            | -                                     | -                       | 45               | 8                       | -                                      | 30                                                | 36                            | Aluminium | 0,315           |
| 48             | 36 T5 / 48 - 0 | 0            | 002-1000     | 76,39                            | 75,55                            | -                                     | -                       | 50               | 8                       | -                                      | 30                                                | 36                            | Aluminium | 0,400           |
| 60             | 36 T5 / 60 - 0 | 0            | 002-1000     | 95,49                            | 94,65                            | -                                     | -                       | 65               | 8                       | -                                      | 30                                                | 36                            | Aluminium | 0,614           |

Die Darstellung der Zahnscheibentypen finden Sie auf der Seite 39.

### T10 für Riemenbreite 16 mm

| Zähne-<br>zahl | Bezeichnung     | Typ<br>(alt) | Typ<br>(neu) | Wirk-Ø<br>Zahn-<br>scheibe<br>Dw | Außen-Ø<br>Verzahn-<br>ung<br>DA | Außen-<br>Ø<br>Bord-<br>scheibe<br>D4 | Ø-Aus-<br>drehung<br>D3 | Ø-<br>Nabe<br>D2 | Vorboh-<br>rung<br>(D1) | Ø<br>Fertigboh-<br>rung<br>D1<br>(max) | Verzahn-<br>te Breite<br>(Kranz-<br>breite)<br>B1 | An-<br>schlag-<br>länge<br>B3 | Material  | Gewicht<br>(kg) |
|----------------|-----------------|--------------|--------------|----------------------------------|----------------------------------|---------------------------------------|-------------------------|------------------|-------------------------|----------------------------------------|---------------------------------------------------|-------------------------------|-----------|-----------------|
| 12             | 31 T10 / 12 - 2 | 2            | 002-1060     | 38,20                            | 36,35                            | 42                                    | -                       | 28               | 6                       | —                                      | 21                                                | 31                            | Aluminium | 0,076           |
| 14             | 31 T10 / 14 - 2 | 2            | 002-1060     | 44,56                            | 42,70                            | 48                                    | -                       | 32               | 8                       | —                                      | 21                                                | 31                            | Aluminium | 0,104           |
| 15             | 31 T10 / 15 - 2 | 2            | 002-1060     | 47,75                            | 45,90                            | 51                                    | -                       | 32               | 8                       | —                                      | 21                                                | 31                            | Aluminium | 0,116           |
| 16             | 31 T10 / 16 - 2 | 2            | 002-1060     | 50,93                            | 49,05                            | 54                                    | -                       | 35               | 8                       | —                                      | 21                                                | 31                            | Aluminium | 0,134           |
| 18             | 31 T10 / 18 - 2 | 2            | 002-1060     | 57,30                            | 55,45                            | 60                                    | -                       | 40               | 8                       | —                                      | 21                                                | 31                            | Aluminium | 0,167           |
| 19             | 31 T10 / 19 - 2 | 2            | 002-1060     | 60,48                            | 58,60                            | 66                                    | -                       | 44               | 8                       | —                                      | 21                                                | 31                            | Aluminium | 0,184           |
| 20             | 31 T10 / 20 - 2 | 2            | 002-1060     | 63,66                            | 61,80                            | 66                                    | -                       | 46               | 8                       | —                                      | 21                                                | 31                            | Aluminium | 0,208           |
| 22             | 31 T10 / 22 - 2 | 2            | 002-1060     | 70,03                            | 68,15                            | 75                                    | -                       | 52               | 8                       | —                                      | 21                                                | 31                            | Aluminium | 0,253           |
| 24             | 31 T10 / 24 - 2 | 2            | 002-1060     | 76,39                            | 74,55                            | 83                                    | -                       | 58               | 8                       | —                                      | 21                                                | 31                            | Aluminium | 0,288           |
| 25             | 31 T10 / 25 - 2 | 2            | 002-1060     | 79,58                            | 77,70                            | 83                                    | -                       | 60               | 8                       | —                                      | 21                                                | 31                            | Aluminium | 0,310           |
| 26             | 31 T10 / 26 - 2 | 2            | 002-1060     | 82,76                            | 80,90                            | 87                                    | -                       | 60               | 8                       | —                                      | 21                                                | 31                            | Aluminium | 0,357           |
| 27             | 31 T10 / 27 - 2 | 2            | 002-1060     | 85,94                            | 84,10                            | 91                                    | -                       | 60               | 8                       | —                                      | 21                                                | 31                            | Aluminium | 0,364           |
| 28             | 31 T10 / 28 - 2 | 2            | 002-1060     | 89,13                            | 87,25                            | 93                                    | -                       | 60               | 8                       | —                                      | 21                                                | 31                            | Aluminium | 0,401           |
| 30             | 31 T10 / 30 - 2 | 2            | 002-1060     | 95,49                            | 93,65                            | 97                                    | -                       | 60               | 8                       | —                                      | 21                                                | 31                            | Aluminium | 0,441           |
| 32             | 31 T10 / 32 - 2 | 2            | 002-1060     | 101,86                           | 100,00                           | 106                                   | -                       | 65               | 10                      | —                                      | 21                                                | 31                            | Aluminium | 0,493           |
| 36             | 31 T10 / 36 - 2 | 2            | 002-1060     | 114,59                           | 112,75                           | 119                                   | -                       | 70               | 10                      | —                                      | 21                                                | 31                            | Aluminium | 0,623           |
| 40             | 31 T10 / 40 - 2 | 2            | 002-1060     | 127,32                           | 125,45                           | 131                                   | -                       | 80               | 10                      | —                                      | 21                                                | 31                            | Aluminium | 0,767           |
| 44             | 31 T10 / 44 - 0 | 0            | 002-1000     | 140,06                           | 138,20                           | -                                     | -                       | 88               | 10                      | —                                      | 21                                                | 31                            | Aluminium | 0,993           |
| 48             | 31 T10 / 48 - 0 | 0            | 002-1000     | 152,79                           | 150,95                           | -                                     | -                       | 95               | 16                      | —                                      | 21                                                | 31                            | Aluminium | 1,090           |
| 60             | 31 T10 / 60 - 0 | 0            | 002-1000     | 190,99                           | 189,10                           | -                                     | -                       | 110              | 16                      | —                                      | 21                                                | 31                            | Aluminium | 1,701           |

### T10 für Riemenbreite 25mm

| Zähne-<br>zahl | Bezeichnung     | Typ<br>(alt) | Typ<br>(neu) | Wirk-Ø<br>Zahn-<br>scheibe<br>Dw | Außen-Ø<br>Verzahn-<br>ung<br>DA | Außen-<br>Ø<br>Bord-<br>scheibe<br>D4 | Ø-Aus-<br>drehung<br>D3 | Ø-<br>Nabe<br>D2 | Vorboh-<br>rung<br>(D1) | Ø<br>Fertigboh-<br>rung<br>D1<br>(max) | Verzahn-<br>te Breite<br>(Kranz-<br>breite)<br>B1 | An-<br>schlag-<br>länge<br>B3 | Material  | Gewicht<br>(kg) |
|----------------|-----------------|--------------|--------------|----------------------------------|----------------------------------|---------------------------------------|-------------------------|------------------|-------------------------|----------------------------------------|---------------------------------------------------|-------------------------------|-----------|-----------------|
| 12             | 40 T10 / 12 - 2 | 2            | 002-1060     | 38,20                            | 36,35                            | 42                                    | -                       | 28               | 6                       | —                                      | 30                                                | 40                            | Aluminium | 0,099           |
| 14             | 40 T10 / 14 - 2 | 2            | 002-1060     | 44,56                            | 42,70                            | 48                                    | -                       | 32               | 8                       | —                                      | 30                                                | 40                            | Aluminium | 0,134           |
| 15             | 40 T10 / 15 - 2 | 2            | 002-1060     | 47,75                            | 45,90                            | 51                                    | -                       | 32               | 8                       | —                                      | 30                                                | 40                            | Aluminium | 0,152           |
| 16             | 40 T10 / 16 - 2 | 2            | 002-1060     | 50,93                            | 49,05                            | 54                                    | -                       | 35               | 8                       | —                                      | 30                                                | 40                            | Aluminium | 0,176           |
| 18             | 40 T10 / 18 - 2 | 2            | 002-1060     | 57,30                            | 55,45                            | 60                                    | -                       | 40               | 8                       | —                                      | 30                                                | 40                            | Aluminium | 0,224           |
| 19             | 40 T10 / 19 - 2 | 2            | 002-1060     | 60,48                            | 58,60                            | 66                                    | -                       | 44               | 8                       | —                                      | 30                                                | 40                            | Aluminium | 0,247           |
| 20             | 40 T10 / 20 - 2 | 2            | 002-1060     | 63,66                            | 61,80                            | 66                                    | -                       | 46               | 8                       | —                                      | 30                                                | 40                            | Aluminium | 0,276           |
| 22             | 40 T10 / 22 - 2 | 2            | 002-1060     | 70,03                            | 68,15                            | 75                                    | -                       | 52               | 8                       | —                                      | 30                                                | 40                            | Aluminium | 0,337           |
| 24             | 40 T10 / 24 - 2 | 2            | 002-1060     | 76,39                            | 74,55                            | 83                                    | -                       | 58               | 8                       | —                                      | 30                                                | 40                            | Aluminium | 0,392           |
| 25             | 40 T10 / 25 - 2 | 2            | 002-1060     | 79,58                            | 77,70                            | 83                                    | -                       | 60               | 8                       | —                                      | 30                                                | 40                            | Aluminium | 0,422           |
| 26             | 40 T10 / 26 - 2 | 2            | 002-1060     | 82,76                            | 80,90                            | 87                                    | -                       | 60               | 8                       | —                                      | 30                                                | 40                            | Aluminium | 0,477           |
| 27             | 40 T10 / 27 - 2 | 2            | 002-1060     | 85,94                            | 84,10                            | 91                                    | -                       | 60               | 8                       | —                                      | 30                                                | 40                            | Aluminium | 0,536           |
| 28             | 40 T10 / 28 - 2 | 2            | 002-1060     | 89,13                            | 87,25                            | 93                                    | -                       | 60               | 8                       | —                                      | 30                                                | 40                            | Aluminium | 0,540           |
| 30             | 40 T10 / 30 - 2 | 2            | 002-1060     | 95,49                            | 93,65                            | 97                                    | -                       | 60               | 8                       | —                                      | 30                                                | 40                            | Aluminium | 0,640           |
| 32             | 40 T10 / 32 - 2 | 2            | 002-1060     | 101,86                           | 100,00                           | 106                                   | -                       | 65               | 10                      | —                                      | 30                                                | 40                            | Aluminium | 0,693           |
| 36             | 40 T10 / 36 - 2 | 2            | 002-1060     | 114,59                           | 112,75                           | 119                                   | -                       | 70               | 10                      | —                                      | 30                                                | 40                            | Aluminium | 0,873           |
| 40             | 40 T10 / 40 - 2 | 2            | 002-1060     | 127,32                           | 125,45                           | 131                                   | -                       | 80               | 10                      | —                                      | 30                                                | 40                            | Aluminium | 1,067           |
| 44             | 40 T10 / 44 - 0 | 0            | 002-1000     | 140,06                           | 138,20                           | -                                     | -                       | 88               | 16                      | —                                      | 30                                                | 40                            | Aluminium | 1,350           |
| 48             | 40 T10 / 48 - 0 | 0            | 002-1000     | 152,79                           | 150,95                           | -                                     | -                       | 95               | 16                      | —                                      | 30                                                | 40                            | Aluminium | 1,516           |
| 60             | 40 T10 / 60 - 0 | 0            | 002-1000     | 190,99                           | 189,10                           | -                                     | -                       | 110              | 16                      | —                                      | 30                                                | 40                            | Aluminium | 2,339           |

Die Darstellung der Zahnscheibentypen finden Sie auf der Seite 39.

### T10 für Riemenbreite 32 mm

| Zähne-<br>zahl | Bezeichnung     | Typ<br>(alt) | Typ<br>(neu) | Wirk-Ø<br>Zahn-<br>scheibe<br>Dw | Außen-Ø<br>Verzahn-<br>ung<br>DA | Außen-<br>Ø<br>Bord-<br>scheibe<br>D4 | Ø-Aus-<br>drehung<br>D3 | Ø-Nabe<br>D2 | Vorboh-<br>rung<br>(D1) | Ø<br>Fertigboh-<br>rung<br>D1<br>(max) | Verzahn-<br>te Breite<br>(Kranz-<br>breite)<br>B1 | An-<br>schlag-<br>länge<br>B3 | Material  | Gewicht<br>(kg) |
|----------------|-----------------|--------------|--------------|----------------------------------|----------------------------------|---------------------------------------|-------------------------|--------------|-------------------------|----------------------------------------|---------------------------------------------------|-------------------------------|-----------|-----------------|
| 18             | 47 T10 / 18 - 2 | 2            | 002-1060     | 57,30                            | 55,45                            | 60                                    | -                       | 40           | 10                      | —                                      | 37                                                | 47                            | Aluminium | 0,253           |
| 19             | 47 T10 / 19 - 2 | 2            | 002-1060     | 60,48                            | 58,60                            | 66                                    | -                       | 44           | 10                      | —                                      | 37                                                | 47                            | Aluminium | 0,286           |
| 20             | 47 T10 / 20 - 2 | 2            | 002-1060     | 63,66                            | 61,80                            | 66                                    | -                       | 46           | 12                      | —                                      | 37                                                | 47                            | Aluminium | 0,322           |
| 22             | 47 T10 / 22 - 2 | 2            | 002-1060     | 70,03                            | 68,15                            | 75                                    | -                       | 52           | 12                      | —                                      | 37                                                | 47                            | Aluminium | 0,393           |
| 24             | 47 T10 / 24 - 2 | 2            | 002-1060     | 76,39                            | 74,55                            | 83                                    | -                       | 58           | 12                      | —                                      | 37                                                | 47                            | Aluminium | 0,475           |
| 25             | 47 T10 / 25 - 2 | 2            | 002-1060     | 79,58                            | 77,70                            | 83                                    | -                       | 60           | 12                      | —                                      | 37                                                | 47                            | Aluminium | 0,527           |
| 26             | 47 T10 / 26 - 2 | 2            | 002-1060     | 82,76                            | 80,90                            | 87                                    | -                       | 60           | 12                      | —                                      | 37                                                | 47                            | Aluminium | 0,564           |
| 27             | 47 T10 / 27 - 2 | 2            | 002-1060     | 85,94                            | 84,10                            | 91                                    | -                       | 60           | 12                      | —                                      | 37                                                | 47                            | Aluminium | 0,602           |
| 28             | 47 T10 / 28 - 2 | 2            | 002-1060     | 89,13                            | 87,25                            | 93                                    | -                       | 60           | 12                      | —                                      | 37                                                | 47                            | Aluminium | 0,642           |
| 30             | 47 T10 / 30 - 2 | 2            | 002-1060     | 95,49                            | 93,65                            | 97                                    | -                       | 60           | 12                      | —                                      | 37                                                | 47                            | Aluminium | 0,740           |
| 32             | 47 T10 / 32 - 2 | 2            | 002-1060     | 101,86                           | 100,00                           | 106                                   | -                       | 65           | 12                      | —                                      | 37                                                | 47                            | Aluminium | 0,844           |
| 36             | 47 T10 / 36 - 2 | 2            | 002-1060     | 114,59                           | 112,75                           | 119                                   | -                       | 70           | 16                      | —                                      | 37                                                | 47                            | Aluminium | 1,083           |
| 40             | 47 T10 / 40 - 2 | 2            | 002-1060     | 127,32                           | 125,45                           | 131                                   | -                       | 80           | 16                      | —                                      | 37                                                | 47                            | Aluminium | 1,317           |
| 44             | 47 T10 / 44 - 0 | 0            | 002-1000     | 140,06                           | 138,20                           | -                                     | -                       | 88           | 16                      | —                                      | 37                                                | 47                            | Aluminium | 1,611           |
| 48             | 47 T10 / 48 - 0 | 0            | 002-1000     | 152,79                           | 150,95                           | -                                     | -                       | 95           | 16                      | —                                      | 37                                                | 47                            | Aluminium | 1,931           |
| 60             | 47 T10 / 60 - 0 | 0            | 002-1000     | 190,99                           | 189,10                           | -                                     | -                       | 110          | 16                      | —                                      | 37                                                | 47                            | Aluminium | 3,004           |

## Walther Flender Zahnriemenscheiben – Standardzahnscheiben mit AT-Verzahnung

### Teilung 5mm

### AT5 für Riemenbreite 10 mm

| Zähne-<br>zahl | Bezeichnung     | Typ<br>(alt) | Typ<br>(neu) | Wirk-Ø<br>Zahn-<br>scheibe<br>Dw | Außen-Ø<br>Verzahn-<br>ung<br>DA | Außen-<br>Ø<br>Bord-<br>scheibe<br>D4 | Ø-Aus-<br>drehung<br>D3 | Ø-Nabe<br>D2 | Vorboh-<br>rung<br>(D1) | Ø<br>Fertigboh-<br>rung<br>D1<br>(max) | Verzahn-<br>te Breite<br>(Kranz-<br>breite)<br>B1 | An-<br>schlag-<br>länge<br>B3 | Material  | Gewicht<br>(kg) |
|----------------|-----------------|--------------|--------------|----------------------------------|----------------------------------|---------------------------------------|-------------------------|--------------|-------------------------|----------------------------------------|---------------------------------------------------|-------------------------------|-----------|-----------------|
| 12             | 21 AT5 / 12 - 2 | 2            | 002-1060     | 19,10                            | 17,85                            | 23                                    | —                       | 10           | -                       | —                                      | 15                                                | 21                            | Aluminium | 0,016           |
| 14             | 21 AT5 / 14 - 2 | 2            | 002-1060     | 22,28                            | 21,05                            | 25                                    | —                       | 13           | -                       | —                                      | 15                                                | 21                            | Aluminium | 0,019           |
| 15             | 21 AT5 / 15 - 2 | 2            | 002-1060     | 23,87                            | 22,65                            | 28                                    | —                       | 16           | 6                       | —                                      | 15                                                | 21                            | Aluminium | 0,021           |
| 16             | 21 AT5 / 16 - 2 | 2            | 002-1060     | 25,46                            | 24,20                            | 32                                    | —                       | 18           | 6                       | —                                      | 15                                                | 21                            | Aluminium | 0,025           |
| 18             | 21 AT5 / 18 - 2 | 2            | 002-1060     | 28,65                            | 27,40                            | 32                                    | —                       | 19           | 6                       | —                                      | 15                                                | 21                            | Aluminium | 0,031           |
| 19             | 21 AT5 / 19 - 2 | 2            | 002-1060     | 30,24                            | 29,00                            | 36                                    | —                       | 22           | 6                       | —                                      | 15                                                | 21                            | Aluminium | 0,036           |
| 20             | 21 AT5 / 20 - 2 | 2            | 002-1060     | 31,83                            | 30,60                            | 36                                    | —                       | 23           | 6                       | —                                      | 15                                                | 21                            | Aluminium | 0,038           |
| 22             | 21 AT5 / 22 - 2 | 2            | 002-1060     | 35,01                            | 33,85                            | 38                                    | —                       | 24           | 6                       | —                                      | 15                                                | 21                            | Aluminium | 0,046           |
| 24             | 21 AT5 / 24 - 2 | 2            | 002-1060     | 38,20                            | 37,00                            | 42                                    | —                       | 26           | 6                       | —                                      | 15                                                | 21                            | Aluminium | 0,054           |
| 25             | 21 AT5 / 25 - 2 | 2            | 002-1060     | 39,79                            | 38,60                            | 44                                    | —                       | 26           | 6                       | —                                      | 15                                                | 21                            | Aluminium | 0,058           |
| 26             | 21 AT5 / 26 - 2 | 2            | 002-1060     | 41,38                            | 40,20                            | 44                                    | —                       | 26           | 6                       | —                                      | 15                                                | 21                            | Aluminium | 0,062           |
| 27             | 21 AT5 / 27 - 2 | 2            | 002-1060     | 42,97                            | 41,80                            | 48                                    | —                       | 30           | 8                       | —                                      | 15                                                | 21                            | Aluminium | 0,064           |
| 28             | 21 AT5 / 28 - 2 | 2            | 002-1060     | 44,56                            | 43,35                            | 48                                    | —                       | 32           | 8                       | —                                      | 15                                                | 21                            | Aluminium | 0,071           |
| 30             | 21 AT5 / 30 - 2 | 2            | 002-1060     | 47,75                            | 46,55                            | 51                                    | —                       | 34           | 8                       | —                                      | 15                                                | 21                            | Aluminium | 0,075           |
| 32             | 21 AT5 / 32 - 2 | 2            | 002-1060     | 50,93                            | 49,70                            | 54                                    | —                       | 38           | 8                       | —                                      | 15                                                | 21                            | Aluminium | 0,088           |
| 36             | 21 AT5 / 36 - 2 | 2            | 002-1060     | 57,30                            | 56,05                            | 63                                    | —                       | 38           | 8                       | —                                      | 15                                                | 21                            | Aluminium | 0,114           |
| 40             | 21 AT5 / 40 - 2 | 2            | 002-1060     | 63,66                            | 62,45                            | 66                                    | —                       | 40           | 8                       | —                                      | 15                                                | 21                            | Aluminium | 0,138           |
| 42             | 21 AT5 / 42 - 2 | 2            | 002-1060     | 66,85                            | 65,60                            | 71                                    | —                       | 40           | 8                       | —                                      | 15                                                | 21                            | Aluminium | 0,180           |
| 44             | 21 AT5 / 44 - 0 | 0            | 002-1000     | 70,03                            | 68,80                            | -                                     | —                       | 45           | 8                       | —                                      | 15                                                | 21                            | Aluminium | 0,185           |
| 48             | 21 AT5 / 48 - 0 | 0            | 002-1000     | 76,39                            | 75,15                            | -                                     | —                       | 50           | 8                       | —                                      | 15                                                | 21                            | Aluminium | 0,200           |
| 60             | 21 AT5 / 60 - 0 | 0            | 002-1000     | 95,49                            | 94,25                            | -                                     | —                       | 65           | 8                       | —                                      | 15                                                | 21                            | Aluminium | 0,307           |

Die Darstellung der Zahnscheibentypen finden Sie auf der Seite 39.

#### AT5 für Riemenbreite 16 mm

| Zähne-<br>zahl | Bezeichnung     | Typ<br>(alt) | Typ<br>(neu) | Wirk-Ø<br>Zahn-<br>scheibe<br>Dw | Außen-Ø<br>Verzahn-<br>ung<br>DA | Außen-<br>Ø<br>Bord-<br>scheibe<br>D4 | Ø-Aus-<br>drehung<br>D3 | Ø-<br>Nabe<br>D2 | Vorboh-<br>rung<br>(D1) | Ø<br>Fertigboh-<br>rung<br>D1<br>(max) | Verzahn-<br>te Breite<br>(Kranz-<br>breite)<br>B1 | An-<br>schlag-<br>länge<br>B3 | Material  | Gewicht<br>(kg) |
|----------------|-----------------|--------------|--------------|----------------------------------|----------------------------------|---------------------------------------|-------------------------|------------------|-------------------------|----------------------------------------|---------------------------------------------------|-------------------------------|-----------|-----------------|
| 12             | 27 AT5 / 12 - 2 | 2            | 002-1060     | 19,10                            | 17,85                            | 23                                    | —                       | 10               | —                       | —                                      | 21                                                | 27                            | Aluminium | 0,022           |
| 14             | 27 AT5 / 14 - 2 | 2            | 002-1060     | 22,28                            | 21,05                            | 25                                    | —                       | 13               | —                       | —                                      | 21                                                | 27                            | Aluminium | 0,026           |
| 15             | 27 AT5 / 15 - 2 | 2            | 002-1060     | 23,87                            | 22,65                            | 28                                    | —                       | 16               | 6                       | —                                      | 21                                                | 27                            | Aluminium | 0,029           |
| 16             | 27 AT5 / 16 - 2 | 2            | 002-1060     | 25,46                            | 24,20                            | 32                                    | —                       | 18               | 6                       | —                                      | 21                                                | 27                            | Aluminium | 0,035           |
| 18             | 27 AT5 / 18 - 2 | 2            | 002-1060     | 28,65                            | 27,40                            | 32                                    | —                       | 19               | 6                       | —                                      | 21                                                | 27                            | Aluminium | 0,043           |
| 19             | 27 AT5 / 19 - 2 | 2            | 002-1060     | 30,24                            | 29,00                            | 36                                    | —                       | 22               | 6                       | —                                      | 21                                                | 27                            | Aluminium | 0,049           |
| 20             | 27 AT5 / 20 - 2 | 2            | 002-1060     | 31,83                            | 30,60                            | 36                                    | —                       | 23               | 6                       | —                                      | 21                                                | 27                            | Aluminium | 0,053           |
| 22             | 27 AT5 / 22 - 2 | 2            | 002-1060     | 35,01                            | 33,85                            | 38                                    | —                       | 24               | 6                       | —                                      | 21                                                | 27                            | Aluminium | 0,054           |
| 24             | 27 AT5 / 24 - 2 | 2            | 002-1060     | 38,20                            | 37,00                            | 42                                    | —                       | 26               | 6                       | —                                      | 21                                                | 27                            | Aluminium | 0,076           |
| 25             | 27 AT5 / 25 - 2 | 2            | 002-1060     | 39,79                            | 38,60                            | 44                                    | —                       | 26               | 6                       | —                                      | 21                                                | 27                            | Aluminium | 0,081           |
| 26             | 27 AT5 / 26 - 2 | 2            | 002-1060     | 41,38                            | 40,20                            | 44                                    | —                       | 26               | 6                       | —                                      | 21                                                | 27                            | Aluminium | 0,085           |
| 27             | 27 AT5 / 27 - 2 | 2            | 002-1060     | 42,97                            | 41,80                            | 48                                    | —                       | 30               | 8                       | —                                      | 21                                                | 27                            | Aluminium | 0,090           |
| 28             | 27 AT5 / 28 - 2 | 2            | 002-1060     | 44,56                            | 43,35                            | 48                                    | —                       | 32               | 8                       | —                                      | 21                                                | 27                            | Aluminium | 0,092           |
| 30             | 27 AT5 / 30 - 2 | 2            | 002-1060     | 47,75                            | 46,55                            | 51                                    | —                       | 34               | 8                       | —                                      | 21                                                | 27                            | Aluminium | 0,105           |
| 32             | 27 AT5 / 32 - 2 | 2            | 002-1060     | 50,93                            | 49,70                            | 54                                    | —                       | 38               | 8                       | —                                      | 21                                                | 27                            | Aluminium | 0,123           |
| 36             | 27 AT5 / 36 - 2 | 2            | 002-1060     | 57,30                            | 56,05                            | 63                                    | —                       | 38               | 8                       | —                                      | 21                                                | 27                            | Aluminium | 0,160           |
| 40             | 27 AT5 / 40 - 2 | 2            | 002-1060     | 63,66                            | 62,45                            | 66                                    | —                       | 40               | 8                       | —                                      | 21                                                | 27                            | Aluminium | 0,193           |
| 42             | 27 AT5 / 42 - 2 | 2            | 002-1060     | 66,85                            | 65,60                            | 71                                    | —                       | 40               | 8                       | —                                      | 21                                                | 27                            | Aluminium | 0,205           |
| 44             | 27 AT5 / 44 - 0 | 0            | 002-1000     | 70,03                            | 68,80                            | —                                     | —                       | 45               | 8                       | —                                      | 21                                                | 27                            | Aluminium | 0,228           |
| 48             | 27 AT5 / 48 - 0 | 0            | 002-1000     | 76,39                            | 75,15                            | —                                     | —                       | 50               | 8                       | —                                      | 21                                                | 27                            | Aluminium | 0,280           |
| 60             | 27 AT5 / 60 - 0 | 0            | 002-1000     | 95,49                            | 94,25                            | —                                     | —                       | 65               | 8                       | —                                      | 21                                                | 27                            | Aluminium | 0,430           |

#### AT5 für Riemenbreite 25 mm

| Zähne-<br>zahl | Bezeichnung     | Typ<br>(alt) | Typ<br>(neu) | Wirk-Ø<br>Zahn-<br>scheibe<br>Dw | Außen-Ø<br>Verzahn-<br>ung<br>DA | Außen-<br>Ø<br>Bord-<br>scheibe<br>D4 | Ø-Aus-<br>drehung<br>D3 | Ø-<br>Nabe<br>D2 | Vorboh-<br>rung<br>(D1) | Ø<br>Fertigboh-<br>rung<br>D1<br>(max) | Verzahn-<br>te Breite<br>(Kranz-<br>breite)<br>B1 | An-<br>schlag-<br>länge<br>B3 | Material  | Gewicht<br>(kg) |
|----------------|-----------------|--------------|--------------|----------------------------------|----------------------------------|---------------------------------------|-------------------------|------------------|-------------------------|----------------------------------------|---------------------------------------------------|-------------------------------|-----------|-----------------|
| 12             | 36 AT5 / 12 - 2 | 2            | 002-1060     | 19,10                            | 17,85                            | 23                                    | —                       | 10               | —                       | —                                      | 30                                                | 36                            | Aluminium | 0,031           |
| 14             | 36 AT5 / 14 - 2 | 2            | 002-1060     | 22,28                            | 21,05                            | 25                                    | —                       | 13               | —                       | —                                      | 30                                                | 36                            | Aluminium | 0,037           |
| 15             | 36 AT5 / 15 - 2 | 2            | 002-1060     | 23,87                            | 22,65                            | 28                                    | —                       | 16               | 6                       | —                                      | 30                                                | 36                            | Aluminium | 0,041           |
| 16             | 36 AT5 / 16 - 2 | 2            | 002-1060     | 25,46                            | 24,20                            | 32                                    | —                       | 18               | 6                       | —                                      | 30                                                | 36                            | Aluminium | 0,050           |
| 18             | 36 AT5 / 18 - 2 | 2            | 002-1060     | 28,65                            | 27,40                            | 32                                    | —                       | 19               | 6                       | —                                      | 30                                                | 36                            | Aluminium | 0,061           |
| 19             | 36 AT5 / 19 - 2 | 2            | 002-1060     | 30,24                            | 29,00                            | 36                                    | —                       | 22               | 6                       | —                                      | 30                                                | 36                            | Aluminium | 0,070           |
| 20             | 36 AT5 / 20 - 2 | 2            | 002-1060     | 31,83                            | 30,60                            | 36                                    | —                       | 23               | 6                       | —                                      | 30                                                | 36                            | Aluminium | 0,076           |
| 22             | 36 AT5 / 22 - 2 | 2            | 002-1060     | 35,01                            | 33,85                            | 38                                    | —                       | 24               | 8                       | —                                      | 30                                                | 36                            | Aluminium | 0,080           |
| 24             | 36 AT5 / 24 - 2 | 2            | 002-1060     | 38,20                            | 37,00                            | 42                                    | —                       | 26               | 8                       | —                                      | 30                                                | 36                            | Aluminium | 0,109           |
| 25             | 36 AT5 / 25 - 2 | 2            | 002-1060     | 39,79                            | 38,60                            | 44                                    | —                       | 26               | 8                       | —                                      | 30                                                | 36                            | Aluminium | 0,116           |
| 26             | 36 AT5 / 26 - 2 | 2            | 002-1060     | 41,38                            | 40,20                            | 44                                    | —                       | 26               | 8                       | —                                      | 30                                                | 36                            | Aluminium | 0,120           |
| 27             | 36 AT5 / 27 - 2 | 2            | 002-1060     | 42,97                            | 41,80                            | 48                                    | —                       | 30               | 8                       | —                                      | 30                                                | 36                            | Aluminium | 0,128           |
| 28             | 36 AT5 / 28 - 2 | 2            | 002-1060     | 44,56                            | 43,35                            | 48                                    | —                       | 32               | 8                       | —                                      | 30                                                | 36                            | Aluminium | 0,128           |
| 30             | 36 AT5 / 30 - 2 | 2            | 002-1060     | 47,75                            | 46,55                            | 51                                    | —                       | 34               | 8                       | —                                      | 30                                                | 36                            | Aluminium | 0,150           |
| 32             | 36 AT5 / 32 - 2 | 2            | 002-1060     | 50,93                            | 49,70                            | 54                                    | —                       | 38               | 8                       | —                                      | 30                                                | 36                            | Aluminium | 0,176           |
| 36             | 36 AT5 / 36 - 2 | 2            | 002-1060     | 57,30                            | 56,05                            | 63                                    | —                       | 38               | 8                       | —                                      | 30                                                | 36                            | Aluminium | 0,230           |
| 40             | 36 AT5 / 40 - 2 | 2            | 002-1060     | 63,66                            | 62,45                            | 66                                    | —                       | 40               | 8                       | —                                      | 30                                                | 36                            | Aluminium | 0,276           |
| 42             | 36 AT5 / 42 - 2 | 2            | 002-1060     | 66,85                            | 65,60                            | 71                                    | —                       | 40               | 8                       | —                                      | 30                                                | 36                            | Aluminium | 0,284           |
| 44             | 36 AT5 / 44 - 0 | 0            | 002-1000     | 70,03                            | 68,80                            | —                                     | —                       | 45               | 8                       | —                                      | 30                                                | 36                            | Aluminium | 0,315           |
| 48             | 36 AT5 / 48 - 0 | 0            | 002-1000     | 76,39                            | 75,15                            | —                                     | —                       | 50               | 8                       | —                                      | 30                                                | 36                            | Aluminium | 0,400           |
| 60             | 36 AT5 / 60 - 0 | 0            | 002-1000     | 95,49                            | 94,25                            | —                                     | —                       | 65               | 8                       | —                                      | 30                                                | 36                            | Aluminium | 0,614           |

Die Darstellung der Zahnscheibentypen finden Sie auf der Seite 39.

## Teilung 10mm

## AT10 für Riemenbreite 16 mm

| Zähne-<br>zahl | Bezeichnung      | Typ<br>(alt) | Typ<br>(neu) | Wirk-Ø<br>Zahn-<br>scheibe<br>Dw | Außen-Ø<br>Verzah-<br>nung<br>DA | Außen-<br>Ø<br>Bord-<br>scheibe<br>D4 | Ø-Aus-<br>drehung<br>D3 | Ø-Nabe<br>D2 | Vorboh-<br>rung<br>(D1) | Ø<br>Fertigboh-<br>rung<br>D1<br>(max) | Verzahn-<br>te Breite<br>(Kranz-<br>breite)<br>B1 | An-<br>schlag-<br>länge<br>B3 | Material  | Gewicht<br>(kg) |
|----------------|------------------|--------------|--------------|----------------------------------|----------------------------------|---------------------------------------|-------------------------|--------------|-------------------------|----------------------------------------|---------------------------------------------------|-------------------------------|-----------|-----------------|
| 15             | 31 AT10 / 15 - 2 | 2            | 002-1060     | 47,75                            | 45,90                            | 51                                    | —                       | 32           | 8                       | —                                      | 21                                                | 31                            | Aluminium | 0,116           |
| 16             | 31 AT10 / 16 - 2 | 2            | 002-1060     | 50,93                            | 49,05                            | 54                                    | —                       | 35           | 8                       | —                                      | 21                                                | 31                            | Aluminium | 0,134           |
| 18             | 31 AT10 / 18 - 2 | 2            | 002-1060     | 57,30                            | 55,45                            | 60                                    | —                       | 40           | 8                       | —                                      | 21                                                | 31                            | Aluminium | 0,167           |
| 19             | 31 AT10 / 19 - 2 | 2            | 002-1060     | 60,48                            | 58,60                            | 66                                    | —                       | 44           | 8                       | —                                      | 21                                                | 31                            | Aluminium | 0,184           |
| 20             | 31 AT10 / 20 - 2 | 2            | 002-1060     | 63,66                            | 61,80                            | 66                                    | —                       | 46           | 8                       | —                                      | 21                                                | 31                            | Aluminium | 0,208           |
| 22             | 31 AT10 / 22 - 2 | 2            | 002-1060     | 70,03                            | 68,15                            | 75                                    | —                       | 52           | 8                       | —                                      | 21                                                | 31                            | Aluminium | 0,253           |
| 24             | 31 AT10 / 24 - 2 | 2            | 002-1060     | 76,39                            | 74,55                            | 83                                    | —                       | 58           | 8                       | —                                      | 21                                                | 31                            | Aluminium | 0,288           |
| 25             | 31 AT10 / 25 - 2 | 2            | 002-1060     | 79,58                            | 77,70                            | 83                                    | —                       | 60           | 8                       | —                                      | 21                                                | 31                            | Aluminium | 0,310           |
| 26             | 31 AT10 / 26 - 2 | 2            | 002-1060     | 82,76                            | 80,90                            | 87                                    | —                       | 60           | 8                       | —                                      | 21                                                | 31                            | Aluminium | 0,357           |
| 27             | 31 AT10 / 27 - 2 | 2            | 002-1060     | 85,94                            | 84,10                            | 91                                    | —                       | 60           | 8                       | —                                      | 21                                                | 31                            | Aluminium | 0,364           |
| 28             | 31 AT10 / 28 - 2 | 2            | 002-1060     | 89,13                            | 87,25                            | 93                                    | —                       | 60           | 8                       | —                                      | 21                                                | 31                            | Aluminium | 0,401           |
| 30             | 31 AT10 / 30 - 2 | 2            | 002-1060     | 95,49                            | 93,65                            | 97                                    | —                       | 60           | 8                       | —                                      | 21                                                | 31                            | Aluminium | 0,441           |
| 32             | 31 AT10 / 32 - 2 | 2            | 002-1060     | 101,86                           | 100,00                           | 106                                   | —                       | 65           | 10                      | —                                      | 21                                                | 31                            | Aluminium | 0,493           |
| 36             | 31 AT10 / 36 - 2 | 2            | 002-1060     | 114,59                           | 112,75                           | 119                                   | —                       | 70           | 10                      | —                                      | 21                                                | 31                            | Aluminium | 0,623           |
| 40             | 31 AT10 / 40 - 2 | 2            | 002-1060     | 127,32                           | 125,45                           | 131                                   | —                       | 80           | 10                      | —                                      | 21                                                | 31                            | Aluminium | 0,767           |
| 44             | 31 AT10 / 44 - 0 | 0            | 002-1000     | 140,06                           | 138,20                           | -                                     | —                       | 88           | 10                      | —                                      | 21                                                | 31                            | Aluminium | 0,993           |
| 48             | 31 AT10 / 48 - 0 | 0            | 002-1000     | 152,79                           | 150,95                           | -                                     | —                       | 95           | 16                      | —                                      | 21                                                | 31                            | Aluminium | 1,090           |
| 60             | 31 AT10 / 60 - 0 | 0            | 002-1000     | 190,99                           | 189,10                           | -                                     | —                       | 110          | 16                      | —                                      | 21                                                | 31                            | Aluminium | 1,701           |

## AT10 für Riemenbreite 25 mm

| Zähne-<br>zahl | Bezeichnung      | Typ<br>(alt) | Typ<br>(neu) | Wirk-Ø<br>Zahn-<br>scheibe<br>Dw | Außen-Ø<br>Verzah-<br>nung<br>DA | Außen-<br>Ø<br>Bord-<br>scheibe<br>D4 | Ø-Aus-<br>drehung<br>D3 | Ø-Nabe<br>D2 | Vorboh-<br>rung<br>(D1) | Ø<br>Fertigboh-<br>rung<br>D1<br>(max) | Verzahn-<br>te Breite<br>(Kranz-<br>breite)<br>B1 | An-<br>schlag-<br>länge<br>B3 | Material  | Gewicht<br>(kg) |
|----------------|------------------|--------------|--------------|----------------------------------|----------------------------------|---------------------------------------|-------------------------|--------------|-------------------------|----------------------------------------|---------------------------------------------------|-------------------------------|-----------|-----------------|
| 15             | 40 AT10 / 15 - 2 | 2            | 002-1060     | 47,75                            | 45,90                            | 51                                    | —                       | 32           | 8                       | —                                      | 30                                                | 40                            | Aluminium | 0,152           |
| 16             | 40 AT10 / 16 - 2 | 2            | 002-1060     | 50,93                            | 49,05                            | 54                                    | —                       | 35           | 8                       | —                                      | 30                                                | 40                            | Aluminium | 0,176           |
| 18             | 40 AT10 / 18 - 2 | 2            | 002-1060     | 57,30                            | 55,45                            | 60                                    | —                       | 40           | 8                       | —                                      | 30                                                | 40                            | Aluminium | 0,224           |
| 19             | 40 AT10 / 19 - 2 | 2            | 002-1060     | 60,48                            | 58,60                            | 66                                    | —                       | 44           | 8                       | —                                      | 30                                                | 40                            | Aluminium | 0,247           |
| 20             | 40 AT10 / 20 - 2 | 2            | 002-1060     | 63,66                            | 61,80                            | 66                                    | —                       | 46           | 8                       | —                                      | 30                                                | 40                            | Aluminium | 0,276           |
| 22             | 40 AT10 / 22 - 2 | 2            | 002-1060     | 70,03                            | 68,15                            | 75                                    | —                       | 52           | 8                       | —                                      | 30                                                | 40                            | Aluminium | 0,337           |
| 24             | 40 AT10 / 24 - 2 | 2            | 002-1060     | 76,39                            | 74,55                            | 83                                    | —                       | 58           | 8                       | —                                      | 30                                                | 40                            | Aluminium | 0,392           |
| 25             | 40 AT10 / 25 - 2 | 2            | 002-1060     | 79,58                            | 77,70                            | 83                                    | —                       | 60           | 8                       | —                                      | 30                                                | 40                            | Aluminium | 0,422           |
| 26             | 40 AT10 / 26 - 2 | 2            | 002-1060     | 82,76                            | 80,90                            | 87                                    | —                       | 60           | 8                       | —                                      | 30                                                | 40                            | Aluminium | 0,477           |
| 27             | 40 AT10 / 27 - 2 | 2            | 002-1060     | 85,94                            | 84,10                            | 91                                    | —                       | 60           | 8                       | —                                      | 30                                                | 40                            | Aluminium | 0,536           |
| 28             | 40 AT10 / 28 - 2 | 2            | 002-1060     | 89,13                            | 87,25                            | 93                                    | —                       | 60           | 8                       | —                                      | 30                                                | 40                            | Aluminium | 0,540           |
| 30             | 40 AT10 / 30 - 2 | 2            | 002-1060     | 95,49                            | 93,65                            | 97                                    | —                       | 60           | 8                       | —                                      | 30                                                | 40                            | Aluminium | 0,640           |
| 32             | 40 AT10 / 32 - 2 | 2            | 002-1060     | 101,86                           | 100,00                           | 106                                   | —                       | 65           | 10                      | —                                      | 30                                                | 40                            | Aluminium | 0,693           |
| 36             | 40 AT10 / 36 - 2 | 2            | 002-1060     | 114,59                           | 112,75                           | 119                                   | —                       | 70           | 10                      | —                                      | 30                                                | 40                            | Aluminium | 0,873           |
| 40             | 40 AT10 / 40 - 2 | 2            | 002-1060     | 127,32                           | 125,45                           | 131                                   | —                       | 80           | 10                      | —                                      | 30                                                | 40                            | Aluminium | 1,067           |
| 44             | 40 AT10 / 44 - 0 | 0            | 002-1000     | 140,06                           | 138,20                           | -                                     | —                       | 88           | 10                      | —                                      | 30                                                | 40                            | Aluminium | 1,350           |
| 48             | 40 AT10 / 48 - 0 | 0            | 002-1000     | 152,79                           | 150,95                           | -                                     | —                       | 95           | 16                      | —                                      | 30                                                | 40                            | Aluminium | 1,516           |
| 60             | 40 AT10 / 60 - 0 | 0            | 002-1000     | 190,99                           | 189,10                           | -                                     | —                       | 110          | 16                      | —                                      | 30                                                | 40                            | Aluminium | 2,339           |

Die Darstellung der Zahnscheibentypen finden Sie auf der Seite 39.

#### AT10 für Riemenbreite 32 mm

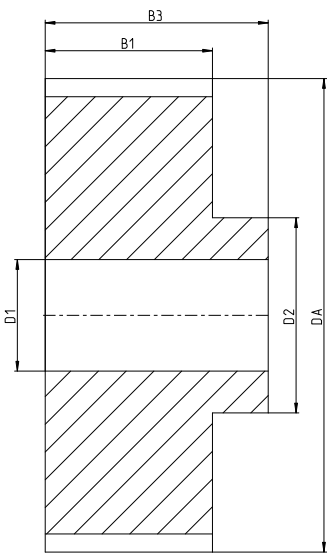
| Zähne-<br>zahl | Bezeichnung      | Typ<br>(alt) | Typ<br>(neu) | Wirk-Ø<br>Zahn-<br>scheibe<br>Dw | Außen-Ø<br>Verzahn-<br>ung<br>DA | Außen-<br>Ø<br>Bord-<br>scheibe<br>D4 | Ø-Aus-<br>drehung<br>D3 | Ø-<br>Nabe<br>D2 | Vorboh-<br>rung<br>(D1) | Ø<br>Fertigboh-<br>rung<br>D1<br>(max) | Verzahn-<br>te Breite<br>(Kranz-<br>breite)<br>B1 | An-<br>schlag-<br>länge<br>B3 | Material  | Gewicht<br>(kg) |
|----------------|------------------|--------------|--------------|----------------------------------|----------------------------------|---------------------------------------|-------------------------|------------------|-------------------------|----------------------------------------|---------------------------------------------------|-------------------------------|-----------|-----------------|
| 18             | 47 AT10 / 18 - 2 | 2            | 002-1060     | 57,30                            | 55,45                            | 60                                    | —                       | 40               | 10                      | —                                      | 37                                                | 47                            | Aluminium | 0,253           |
| 19             | 47 AT10 / 19 - 2 | 2            | 002-1060     | 60,48                            | 58,60                            | 66                                    | —                       | 44               | 10                      | —                                      | 37                                                | 47                            | Aluminium | 0,286           |
| 20             | 47 AT10 / 20 - 2 | 2            | 002-1060     | 63,66                            | 61,80                            | 66                                    | —                       | 46               | 12                      | —                                      | 37                                                | 47                            | Aluminium | 0,322           |
| 22             | 47 AT10 / 22 - 2 | 2            | 002-1060     | 70,03                            | 68,15                            | 75                                    | —                       | 52               | 12                      | —                                      | 37                                                | 47                            | Aluminium | 0,393           |
| 24             | 47 AT10 / 24 - 2 | 2            | 002-1060     | 76,39                            | 74,55                            | 83                                    | —                       | 58               | 12                      | —                                      | 37                                                | 47                            | Aluminium | 0,475           |
| 25             | 47 AT10 / 25 - 2 | 2            | 002-1060     | 79,58                            | 77,70                            | 83                                    | —                       | 60               | 12                      | —                                      | 37                                                | 47                            | Aluminium | 0,527           |
| 26             | 47 AT10 / 26 - 2 | 2            | 002-1060     | 82,76                            | 80,90                            | 87                                    | —                       | 60               | 12                      | —                                      | 37                                                | 47                            | Aluminium | 0,564           |
| 27             | 47 AT10 / 27 - 2 | 2            | 002-1060     | 85,94                            | 84,10                            | 91                                    | —                       | 60               | 12                      | —                                      | 37                                                | 47                            | Aluminium | 0,602           |
| 28             | 47 AT10 / 28 - 2 | 2            | 002-1060     | 89,13                            | 87,25                            | 93                                    | —                       | 60               | 12                      | —                                      | 37                                                | 47                            | Aluminium | 0,642           |
| 30             | 47 AT10 / 30 - 2 | 2            | 002-1060     | 95,49                            | 93,65                            | 97                                    | —                       | 60               | 12                      | —                                      | 37                                                | 47                            | Aluminium | 0,740           |
| 32             | 47 AT10 / 32 - 2 | 2            | 002-1060     | 101,86                           | 100,00                           | 106                                   | —                       | 65               | 12                      | —                                      | 37                                                | 47                            | Aluminium | 0,844           |
| 36             | 47 AT10 / 36 - 2 | 2            | 002-1060     | 114,59                           | 112,75                           | 119                                   | —                       | 70               | 16                      | —                                      | 37                                                | 47                            | Aluminium | 1,083           |
| 40             | 47 AT10 / 40 - 2 | 2            | 002-1060     | 127,32                           | 125,45                           | 131                                   | —                       | 80               | 16                      | —                                      | 37                                                | 47                            | Aluminium | 1,317           |
| 44             | 47 AT10 / 44 - 0 | 0            | 002-1000     | 140,06                           | 138,20                           | —                                     | —                       | 88               | 16                      | —                                      | 37                                                | 47                            | Aluminium | 1,611           |
| 48             | 47 AT10 / 48 - 0 | 0            | 002-1000     | 152,79                           | 150,95                           | —                                     | —                       | 95               | 16                      | —                                      | 37                                                | 47                            | Aluminium | 1,931           |
| 60             | 47 AT10 / 60 - 0 | 0            | 002-1000     | 190,99                           | 189,10                           | —                                     | —                       | 110              | 16                      | —                                      | 37                                                | 47                            | Aluminium | 3,004           |

#### AT10 für Riemenbreite 50 mm

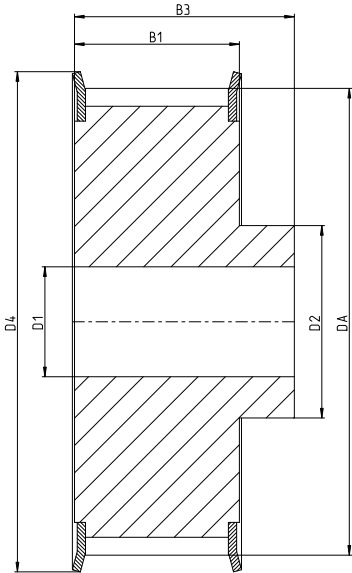
| Zähne-<br>zahl | Bezeichnung      | Typ<br>(alt) | Typ<br>(neu) | Wirk-Ø<br>Zahn-<br>scheibe<br>Dw | Außen-Ø<br>Verzahn-<br>ung<br>DA | Außen-<br>Ø<br>Bord-<br>scheibe<br>D4 | Ø-Aus-<br>drehung<br>D3 | Ø-<br>Nabe<br>D2 | Vorboh-<br>rung<br>(D1) | Ø<br>Fertigboh-<br>rung<br>D1<br>(max) | Verzahn-<br>te Breite<br>(Kranz-<br>breite)<br>B1 | An-<br>schlag-<br>länge<br>B3 | Material  | Gewicht<br>(kg) |
|----------------|------------------|--------------|--------------|----------------------------------|----------------------------------|---------------------------------------|-------------------------|------------------|-------------------------|----------------------------------------|---------------------------------------------------|-------------------------------|-----------|-----------------|
| 18             | 66 AT10 / 18 - 2 | 2            | 002-1060     | 57,30                            | 55,45                            | 60                                    | —                       | 40               | 10                      | —                                      | 56                                                | 66                            | Aluminium | 0,422           |
| 19             | 66 AT10 / 19 - 2 | 2            | 002-1060     | 60,48                            | 58,60                            | 66                                    | —                       | 44               | 10                      | —                                      | 56                                                | 66                            | Aluminium | 0,466           |
| 20             | 66 AT10 / 20 - 2 | 2            | 002-1060     | 63,66                            | 61,80                            | 66                                    | —                       | 46               | 12                      | —                                      | 56                                                | 66                            | Aluminium | 0,520           |
| 22             | 66 AT10 / 22 - 2 | 2            | 002-1060     | 70,03                            | 68,15                            | 75                                    | —                       | 52               | 12                      | —                                      | 56                                                | 66                            | Aluminium | 0,570           |
| 24             | 66 AT10 / 24 - 2 | 2            | 002-1060     | 76,39                            | 74,55                            | 83                                    | —                       | 58               | 12                      | —                                      | 56                                                | 66                            | Aluminium | 0,736           |
| 25             | 66 AT10 / 25 - 2 | 2            | 002-1060     | 79,58                            | 77,70                            | 83                                    | —                       | 60               | 12                      | —                                      | 56                                                | 66                            | Aluminium | 0,766           |
| 26             | 66 AT10 / 26 - 2 | 2            | 002-1060     | 82,76                            | 80,90                            | 87                                    | —                       | 60               | 12                      | —                                      | 56                                                | 66                            | Aluminium | 0,816           |
| 27             | 66 AT10 / 27 - 2 | 2            | 002-1060     | 85,94                            | 84,10                            | 91                                    | —                       | 60               | 12                      | —                                      | 56                                                | 66                            | Aluminium | 0,946           |
| 28             | 66 AT10 / 28 - 2 | 2            | 002-1060     | 89,13                            | 87,25                            | 93                                    | —                       | 60               | 12                      | —                                      | 56                                                | 66                            | Aluminium | 0,960           |
| 30             | 66 AT10 / 30 - 2 | 2            | 002-1060     | 95,49                            | 93,65                            | 97                                    | —                       | 60               | 12                      | —                                      | 56                                                | 66                            | Aluminium | 1,169           |
| 32             | 66 AT10 / 32 - 2 | 2            | 002-1060     | 101,86                           | 100,00                           | 106                                   | —                       | 65               | 12                      | —                                      | 56                                                | 66                            | Aluminium | 1,300           |
| 36             | 66 AT10 / 36 - 2 | 2            | 002-1060     | 114,59                           | 112,75                           | 119                                   | —                       | 70               | 16                      | —                                      | 56                                                | 66                            | Aluminium | 1,637           |
| 40             | 66 AT10 / 40 - 2 | 2            | 002-1060     | 127,32                           | 125,45                           | 131                                   | —                       | 80               | 16                      | —                                      | 56                                                | 66                            | Aluminium | 1,999           |
| 44             | 66 AT10 / 44 - 0 | 0            | 002-1000     | 140,06                           | 138,20                           | —                                     | —                       | 88               | 16                      | —                                      | 56                                                | 66                            | Aluminium | 2,357           |
| 48             | 66 AT10 / 48 - 0 | 0            | 002-1000     | 152,79                           | 150,95                           | —                                     | —                       | 95               | 16                      | —                                      | 56                                                | 66                            | Aluminium | 2,830           |
| 60             | 66 AT10 / 60 - 0 | 0            | 002-1000     | 190,99                           | 189,10                           | —                                     | —                       | 110              | 16                      | —                                      | 56                                                | 66                            | Aluminium | 4,366           |

Die Darstellung der Zahnscheibentypen finden Sie auf der Seite 39.

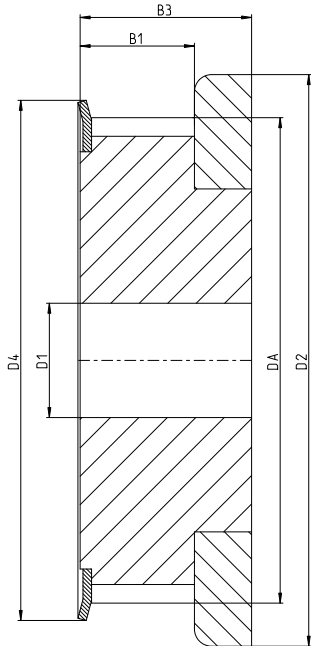
Walther Flender Zahnriemenscheiben – Ausführungen Standardzahnscheiben mit T/AT-Verzahnung



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2  
(Typ 002-1002)



1F  
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## Walther Flender GmbH

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40593 Düsseldorf  
Deutschland/Germany

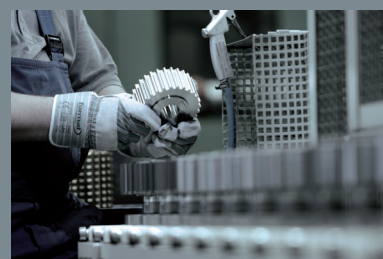
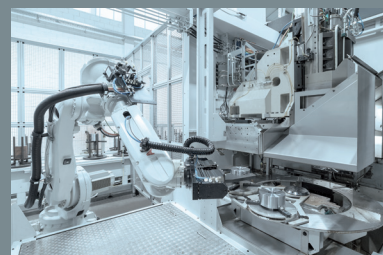
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