



FabLink®-EC25.4.R.GT

Vlees toepassingen

Spiraalvormige vriezer

Pluimvee toepassingen

Spiraalvormige vriezer

Toepassingen voor zeevruchten

Vrieslijnen, Spiraalvormige vriezer

Bakkerij toepassingen

Spiraalvormige vriezers, Rijslijnen, Koellijnen, Vrieslijnen, Bakblik verwerking

Toepassingen van groente en fruit

Dozentransport

Auto toepassingen

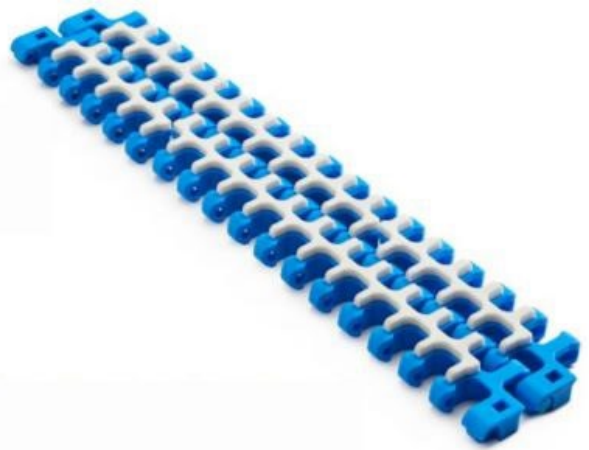
Productie van auto-onderdelen, Batterijvullijnen

Verpakkings toepassingen

Tray Packers, Container transport

FabLink® EC25.4.R.GT

| | |
|----------------------|-------------------------------------------------------------------------|
| Steek | 25,8 mm / 1 inch |
| Bandoppervlak | Open, Wrijvingsoppervlak |
| Minimale breedte | 100 mm / 3,94 inch |
| Open oppervlakte (%) | 36% (grootste opening 7,5 x 12 mm) |
| Meenemer | Ja (T25, T50) |
| Zijwand | Ja (h=25 mm) |
| Pen | Ø 5 mm / 0,197 inch – Zelfvergrendeling |
| Goedgekeurd | FDA en EU |
| Bochttransport | Ja |
| Kleur | Extra kleuren beschikbaar |
| Reinigbaarheid | Uitstekend |
| Toepassing: | Rechte en zijwaartse buiging |
| Instortingsfactor: | 2.1 – 2.4 (zie pagina 169 om de tabel Samenvoufactoren-breedte te zien) |
| Band dikte: | 11 mm / 0,433 inch |



Productkenmerken en functionele voordelen

Beschikbaar voor lichte en middelzware belastbaarheid
 180° buigend bij hoge snelheidstoepassingen
 Bestand tegen hoge temperaturen en slijtage.
 Uniek vergrendelingssysteem.
 De band biedt een optimale open ruimte voor drainage en luchtstroom.

Beschikbare afmetingen voor gegoten modules

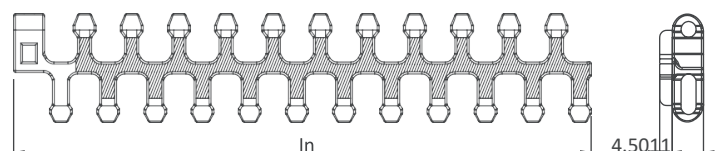
200 mm / 7,87 inch module

Technische informatie

| BAND MATERIAAL | STERKTE VAN DE BAND | | | | TEMPERATUUR | | GEWICHT VAN DE BAND Kg/m ² / pond/ft ² |
|--------------------|---------------------|---------|--------|---------|-----------------|-----------------|-----------------------------------------------------------------|
| | Recht | | Radius | | °C / ° F (min.) | °C / ° F (max.) | |
| | N/mm | lb / ft | N/mm | lb / ft | | | |
| PP (Polypropyleen) | 20900 | 1430 | 1100 | 248 | +5 / +42 | +90 / +194 | 6,4 – 1,31 |
| PE (Polyethyleen) | - | - | - | - | - | - | - |
| Acetaal | - | - | - | - | - | - | - |

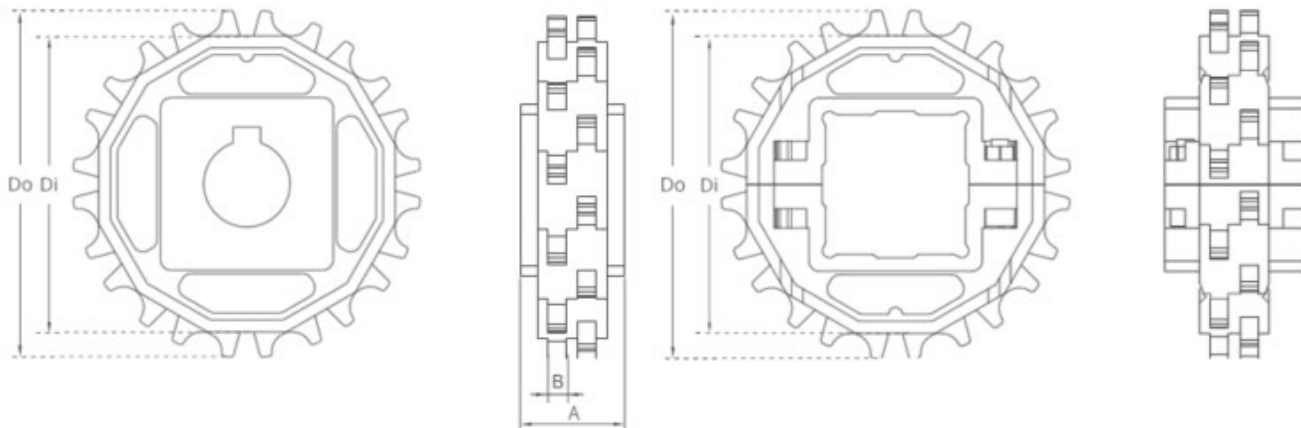
Standaard bandbreedtes

| BREEDTE (W) | | | | BANDBREEDTE TOLERANTIE (max.) |
|-------------|------|-------|------|-------------------------------------|
| PP-PE | | POM | | |
| Mm | inch | Mm | inch | |
| 100,0 | 4.0 | 100,0 | 4.0 | ± 0,5 mm |
| 150,0 | 6.0 | 150,0 | 6.0 | ± 0,5 mm |
| 200,0 | 8.0 | 200,0 | 8.0 | ± 2 mm |
| 250,0 | 10.0 | 250,0 | 10.0 | ± 2 mm |
| 300,0 | 12.0 | 300,0 | 12.0 | ± 3 mm |
| 350,0 | 14.0 | 350,0 | 14.0 | ± 3 mm |
| 400,0 | 16.0 | 400,0 | 16.0 | ± 3 mm |
| 450,0 | 18.0 | 450,0 | 18.0 | ± 3 mm |
| 500,0 | 20.0 | 500,0 | 20.0 | ± 4 mm |
| 550,0 | 22.0 | 550,0 | 22.0 | ± 4 mm |
| 600,0 | 24.0 | 600,0 | 24.0 | ± 4 mm |
| 650,0 | 26.0 | 650,0 | 26.0 | ± 4 mm |
| 700,0 | 28.0 | 700,0 | 28.0 | ± 4 mm |
| 750,0 | 30.0 | 750,0 | 30.0 | ± 4 mm |
| 800,0 | 32.0 | 800,0 | 32.0 | ± 4 mm |



- Standaard band breedte 50 Mm
 - Non-standaard band breedte 16,6 Mm
- Neem contact op met de klantenservice voor nauwkeurige bandafmetingen en grotere maten.

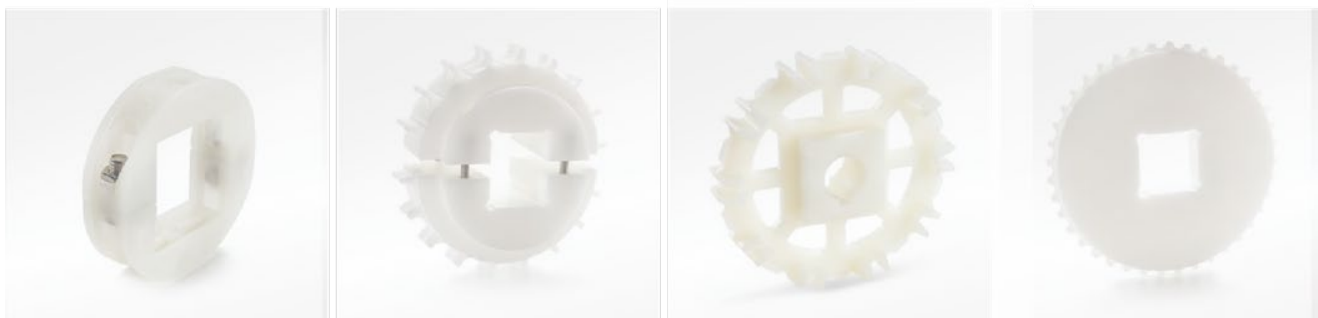
Tandwielen en Technische specificaties



Standaard tandwiel afmetingen

| AANTAL TANDEN | Dia mm / inch | Dia mm / inch | B mm / inch | A mm / inch | Vierkante boring (Q) mm / inch | Ronde boring (R) mm / inch | PRODUCTCODE | |
|---------------|---------------|---------------|-------------|-------------|--------------------------------|----------------------------|-------------------|------------------|
| | | | | | | | Vierkant type (Q) | Rond type (R) |
| Z8 | 52,0 / 2.05 | 67,0 / 2.64 | 6 / 0.24 | 30 / 1.18 | 25 / 1 | 25 / 1 | FL-MD-TR254SQ25Z8 | FL-MD-TR254SRZ8 |
| Z10 | 69,0 / 2.72 | 84,0 / 3.31 | 6 / 0.24 | 30 / 1.18 | 40 / 1.5 | 25-30 / 1-1.25 | FL-MD-TR254SQZ10 | FL-MD-TR254SRZ10 |
| Z12 | 85,8 / 3.38 | 100,8 / 3.97 | 6 / 0.24 | 30 / 1.18 | 40 / 1.5 | 25-30 / 1-1.25 | FL-MD-TR254SQZ12 | FL-MD-TR254SRZ12 |
| Z15 | 110,8 / 4.36 | 125,8 / 4.95 | 6 / 0.24 | 30 / 1.18 | 40 / 1.5 | 25-30 / 1-1.25 | FL-MD-TR254SQZ15 | FL-MD-TR254SRZ15 |
| Z16 | 119,1 / 4.69 | 134,1 / 5.28 | 6 / 0.24 | 30 / 1.18 | 40 / 1.5 | 25-30 / 1-1.25 | FL-MD-TR254SQZ16 | FL-MD-TR254SRZ16 |
| Z18 | 135,6 / 5.34 | 150,6 / 5.93 | 6 / 0.24 | 30 / 1.18 | 40 / 1.5 | 25-30 / 1-1.25 | FL-MD-TR254SQZ18 | FL-MD-TR254SRZ18 |
| Z20 | 150,7 / 5.93 | 167,3 / 6.59 | 6 / 0.24 | 30 / 1.18 | 40 / 1.5 | 25-30 / 1-1.25 | FL-MD-TR254SQZ20 | FL-MD-TR254SRZ20 |

- * Andere tandwielen en asmaten kunnen op aanvraag worden geproduceerd
- * PA (Polamide) en PP (Polypropyleen) tandwielen grondstof zijn beschikbaar op aanvraag
- * Machinaal gespleten tandwielen zijn beschikbaar voor elke maatmaat .



Klem

Gespleten Tandwiel

Voorgevormd tandwiel

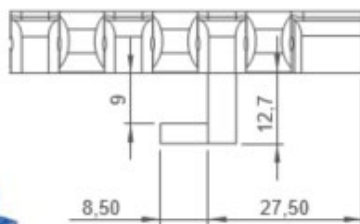
Machines Tandwiel

Accessoires en technische specificaties

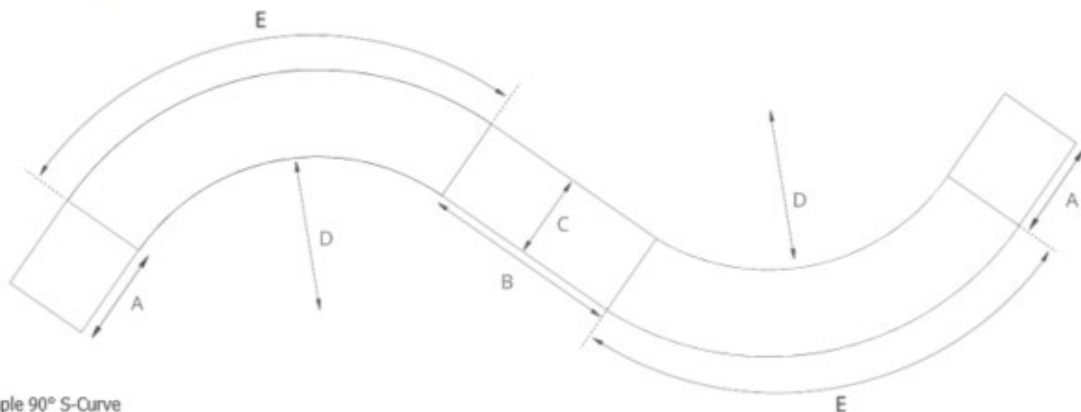
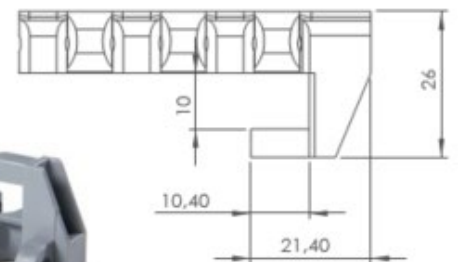


EC254 R Series / TAB - Technical Specification

TAB-M



TAB-E

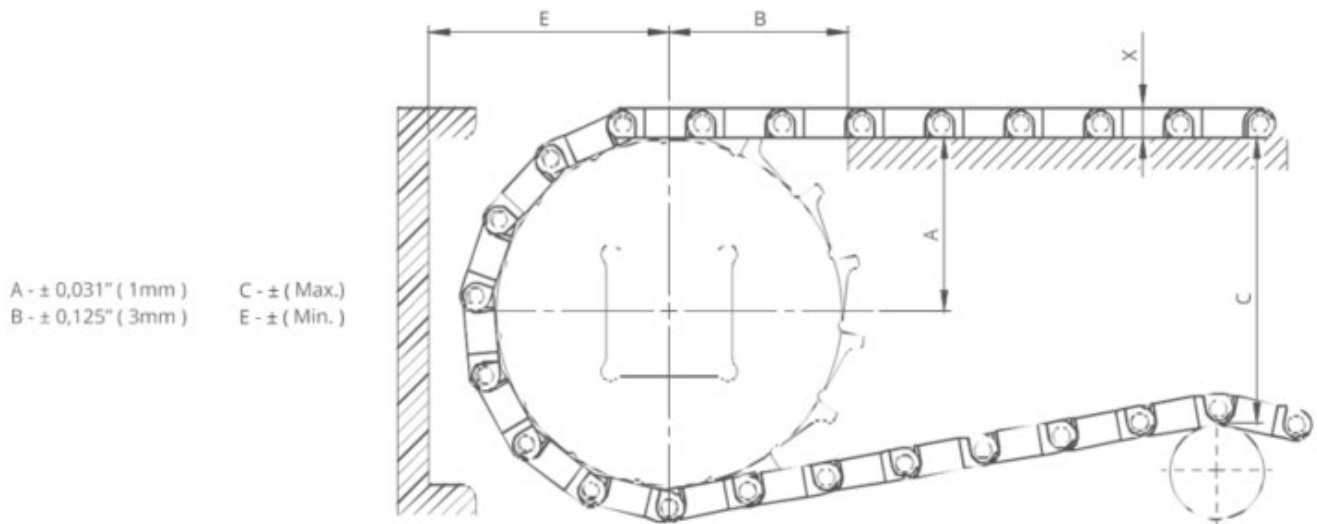


Radius Belt Example 90° S-Curve

Rekenvoorbeeld

| | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>A: Rechte trekkracht en n = Bandbreedte</p> <p>B: Rechte doorloop tussen 2 bochten = min. 2 x bandbreedte</p> <p>C: Bandbreedte</p> <p>D: Minimale binnenradius</p> <p>E: Bocht lengte</p> <p>Min. binnenradius</p> <p>Samenvouwfactor = -----</p> <p style="padding-left: 40px;">Bandbreedte</p> <p>Minimale binnenradius = Inklapfactor x Bandbreedte</p> | <p>Bandbreedte: 400 mm 90° Radius Band</p> <p>Instortingsfactor: 2,14</p> <p>D: 400 x 2,14= 856 mm</p> <p>A: 400 (min)</p> <p>B: 2 x 400 mm = 800 mm (min.)</p> <p>E: 2 x (C+D) x 3,14 = 1972 mm</p> <p style="text-align: center;">-----</p> <p style="text-align: center;">4</p> <p>Totale lengte = (2 x A) + B + (2 x E)</p> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Technische informatie



Afmetingen transportbandframe

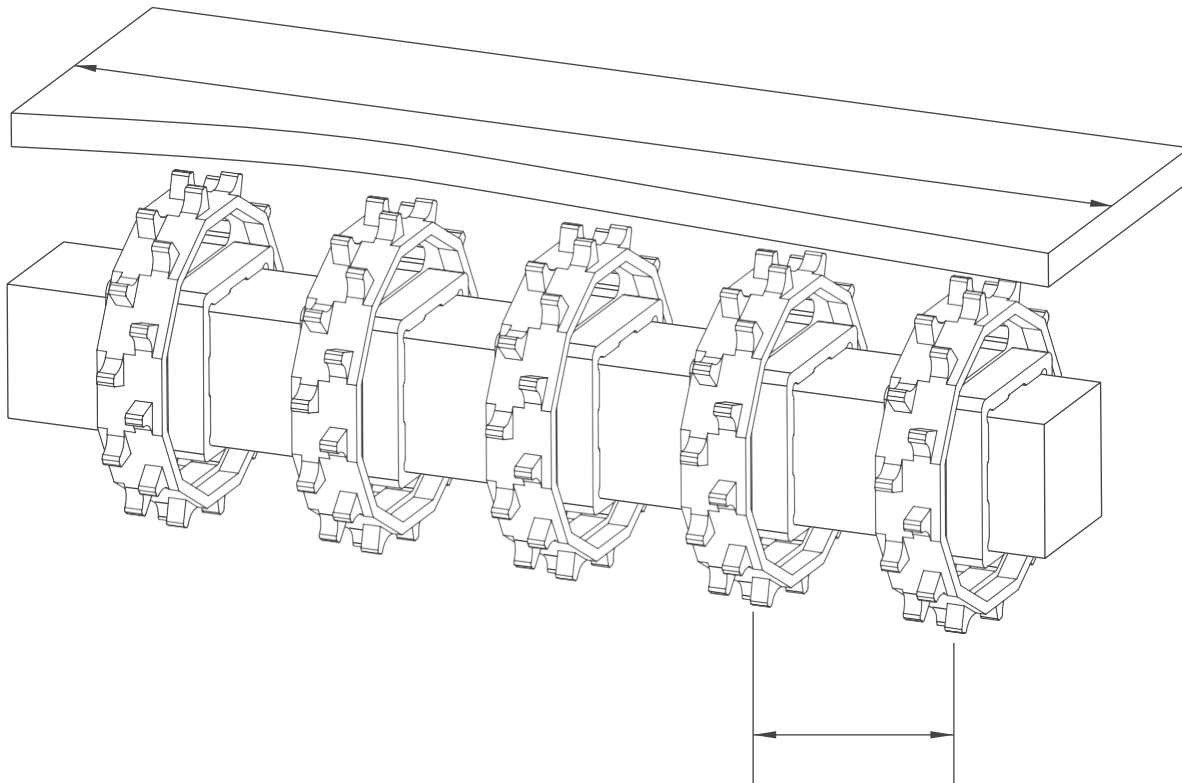
| MEENEMERS BESCHRIJVING | | A | | B | | C | | E | | X | | |
|------------------------|-------|---------------|-------------------------------------|------|------|------|------|-------|------|------|------|------|
| Diameter | | Aantal tanden | Bereik (Van onder naar boven) | | inch | mm | inch | mm | inch | mm | inch | mm |
| inch | mm | | inch | Mm | | | | | | | | |
| FabLink®EC254 R | | | | | | | | | | | | |
| 2.38 | 60,5 | 8 | 1.15 | 29,2 | 1.55 | 39,4 | 1.95 | 49,5 | 1.94 | 49,2 | 0.43 | 11,0 |
| 3.07 | 78,0 | 10 | 1.46 | 37,1 | 1.77 | 45,0 | 2.60 | 66,1 | 2.25 | 57,1 | 0.43 | 11,0 |
| 3.74 | 95,0 | 12 | 1.76 | 44,8 | 1.97 | 50,1 | 3.24 | 82,3 | 2.55 | 64,8 | 0.43 | 11,0 |
| 4.70 | 119,5 | 15 | 2.22 | 56,4 | 2.23 | 56,7 | 4.18 | 106,1 | 3.01 | 76,4 | 0.43 | 11,0 |
| 5.02 | 127,5 | 16 | 2.37 | 60,2 | 2.38 | 60,5 | 4.46 | 113,2 | 3.21 | 81,5 | 0.43 | 11,0 |
| 5.71 | 145,0 | 18 | 2.73 | 69,3 | 2.45 | 62,3 | 5.19 | 131,8 | 3.51 | 89,3 | 0.43 | 11,0 |
| FabLink®EC254 R-GT | | | | | | | | | | | | |
| 2.38 | 60,5 | 8 | 1.15 | 29,2 | 1.55 | 39,4 | 1.95 | 49,5 | 2.18 | 53,7 | 0.61 | 15,5 |
| 3.07 | 78,0 | 10 | 1.46 | 37,1 | 1.77 | 45,0 | 2.60 | 66,1 | 2.48 | 61,6 | 0.61 | 15,5 |
| 3.74 | 95,0 | 12 | 1.76 | 44,8 | 1.97 | 50,1 | 3.24 | 82,3 | 2.79 | 69,3 | 0.61 | 15,5 |
| 4.70 | 119,5 | 15 | 2.22 | 56,4 | 2.23 | 56,7 | 4.18 | 106,1 | 3.25 | 80,9 | 0.61 | 15,5 |
| 5.02 | 127,5 | 16 | 2.37 | 60,2 | 2.38 | 60,5 | 4.46 | 113,2 | 3.46 | 86,0 | 0.61 | 15,5 |
| 5.71 | 145,0 | 18 | 2.73 | 69,3 | 2.45 | 62,3 | 5.19 | 131,8 | 3.76 | 93,8 | 0.61 | 15,5 |



| MOGELIJKE ZIJWAND INKEPINGEN | X | |
|------------------------------|----|------|
| | Mm | inch |
| Standaard, module | - | - |
| - | - | - |
| - | - | - |

| MOGELIJKE MEENEMERT | Z | |
|-----------------------------|------|------|
| | Mm | inch |
| Standaard, module | 25,0 | 0.98 |
| Standaard, ingekorte module | 37,5 | 1.48 |
| Standaard, ingekorte module | 54,3 | 2.14 |

Glijbed-ondersteuningssystem voor rechte loopbanden



Tandwielordening

| Standaard bandbreedte | | Aantal tandwielen per as | | A (mm/inch) | |
|-----------------------|------|--------------------------|--------|-------------|-----------|
| Mm | inch | Aandrijf-as | Keeras | Min. | Max. |
| 150,0 | 6.0 | 2 | 2 | 50 / 2 | 120 / 4.7 |
| 200,0 | 8.0 | 2 | 2 | 50 / 2 | 120 / 4.7 |
| 250,0 | 10.0 | 3 | 2 | 50 / 2 | 120 / 4.7 |
| 300,0 | 12.0 | 3 | 2 | 50 / 2 | 120 / 4.7 |
| 350,0 | 14.0 | 3 | 3 | 50 / 2 | 120 / 4.7 |
| 400,0 | 16.0 | 4 | 3 | 50 / 2 | 120 / 4.7 |
| 450,0 | 18.0 | 4 | 3 | 50 / 2 | 120 / 4.7 |
| 500,0 | 20.0 | 5 | 4 | 50 / 2 | 120 / 4.7 |
| 550,0 | 22.0 | 5 | 4 | 50 / 2 | 120 / 4.7 |
| 600,0 | 24.0 | 6 | 5 | 50 / 2 | 120 / 4.7 |
| 700,0 | 26.0 | 7 | 5 | 50 / 2 | 120 / 4.7 |
| 800,0 | 28.0 | 8 | 6 | 50 / 2 | 120 / 4.7 |
| 900,0 | 30.0 | 9 | 7 | 50 / 2 | 120 / 4.7 |
| 1000,0 | 32.0 | 10 | 7 | 50 / 2 | 120 / 4.7 |

Opmerking: Het aantal tandwielen is afhankelijk van de bandbelasting.

Samenvouwfactoren per breedte

| Nom. Bandbreedte (mm) | 250 | 300 | 350 | 400 | 450 | 500. | 550. | 600. | 650. | 700. | 750. | 800. | 850. | 900. | 950. | 100 | 105 | 110 | 115 | 120 |
|-------------------------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Nom Band Breedte (inch) | 10.0 | 12.0 | 14.0 | 16.0 | 18.0 | 20.0 | 22.0 | 24.0 | 26.0 | 28.0 | 30.0 | 32.0 | 34.0 | 36.0 | 38.0 | 40.0 | 42.0 | 44.0 | 46.0 | 48.0 |
| Samenvouw factor | 2.07 | 2.10 | 2.12 | 2.14 | 2.15 | 2.16 | 2.17 | 2.18 | 2.18 | 2.19 | 2.19 | 2.19 | 2.20 | 2.20 | 2.20 | 2.21 | 2.21 | 2.21 | 2.21 | 2.21 |
| Min binnenradius (mm) | 517.5 | 630.0 | 742.0 | 856.0 | 856.0 | 1080.0 | 1193.5 | 1308.0 | 1417.0 | 1533.0 | 1642.5 | 1752.0 | 1870.0 | 1980.0 | 2090.0 | 2210.0 | 2320.0 | 2430.0 | 2540.0 | 2650.0 |
| Min binnenradius (inch) | 20.7 | 25.2 | 29.7 | 34.2 | 34.2 | 43.2 | 47.7 | 52.3 | 56.7 | 61.3 | 65.7 | 70.8 | 74.8 | 79.2 | 83.6 | 88.4 | 92.8 | 97.2 | 101.7 | 106.1 |

Standaard bereik van bandbreedte en inklapfactor (Min. Binnenradius = Inklapfactor x Standaard bandbreedte)