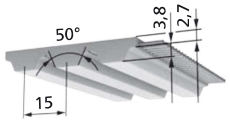
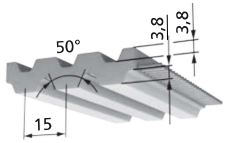
**Standard**




ATS15

**Doppelt verzahnt**




ATS15-DL

| Riemenbreiten b [mm] (Zwischenbreiten auf Anfrage) | | | | |
|---|---|---|---|---|
| 25 | 32 | 50 | 75 | 100 |

| BFX ATS15 | Lieferbare Längen und Ausführungen |
|---|---|
| Standardlängen | - |
| Längenabstufung von Zahn zu Zahn | 1500 mm bis 22000 mm |
| StandardPlus - Ausführung | 1500 mm bis 22000 mm |
| Über 22000 mm | auf Anfrage |
| Mindestabnahmemenge | 1 Wickel (b= 100 mm) |
| Standardmaterial | TPUST1[1)] |
| Stahl-Zugträger (Standard) | x |
| E-Zugträger | - |
| VA-Zugträger | o |
| PAZ | x |
| DL / DL-PAZ | o[2)] |
| DR / DR-PAZ | - |
| T / T-PAZ | - |

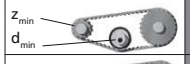
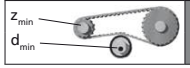
x lieferbar, Mindestabnahmemenge 1 Wickel
o Mindestabnahmemenge anfragen
- nicht lieferbar
1) weitere Materialien auf Anfrage
2) nur Innenseite beschichtbar





| BRECOFLEX® ATS15 Zahntragfähigkeit (spezifische Riemenzahnbelastbarkeit) | | | | | | | |
|---|---|---|---|---|---|---|---|
| Drehzahl n [min$^{-1}$] | $F_{Uspez}$ [N/cm] | $M_{spez}$ [Ncm/cm] | $P_{spez}$ [W/cm] | Drehzahl n [min$^{-1}$] | $F_{Uspez}$ [N/cm] | $M_{spez}$ [Ncm/cm] | $P_{spez}$ [W/cm] |
| 0 | 168,00 | 40,127 | 0,000 | 1600 | 92,93 | 22,196 | 37,187 |
| 20 | 165,24 | 39,469 | 0,827 | 1700 | 90,90 | 21,712 | 38,649 |
| 40 | 162,67 | 38,854 | 1,627 | 1800 | 88,97 | 21,251 | 40,055 |
| 60 | 160,26 | 38,278 | 2,405 | 1900 | 87,14 | 20,813 | 41,407 |
| 80 | 157,98 | 37,734 | 3,161 | 2000 | 85,38 | 20,394 | 42,709 |
| 100 | 155,83 | 37,221 | 3,898 | 2200 | 82,09 | 19,608 | 45,171 |
| 200 | 146,57 | 35,010 | 7,332 | 2400 | 79,06 | 18,884 | 47,458 |
| 300 | 139,10 | 33,224 | 10,437 | 2600 | 76,25 | 18,213 | 49,584 |
| 400 | 132,83 | 31,726 | 13,288 | 2800 | 73,63 | 17,586 | 51,561 |
| 500 | 127,43 | 30,436 | 15,935 | 3000 | 71,17 | 16,999 | 53,399 |
| 600 | 122,68 | 29,304 | 18,411 | 3200 | 68,86 | 16,447 | 55,109 |
| 700 | 118,46 | 28,294 | 20,739 | 3400 | 66,67 | 15,925 | 56,697 |
| 800 | 114,64 | 27,383 | 22,939 | 3600 | 64,61 | 15,432 | 58,171 |
| 900 | 111,17 | 26,553 | 25,024 | 3800 | 62,64 | 14,963 | 59,538 |
| 1000 | 107,98 | 25,792 | 27,007 | 4000 | 60,78 | 14,516 | 60,802 |
| 1100 | 105,03 | 25,087 | 28,897 | 4500 | 56,46 | 13,486 | 63,547 |
| 1200 | 102,29 | 24,433 | 30,701 | 5000 | 52,58 | 12,558 | 65,751 |
| 1300 | 99,73 | 23,821 | 32,427 | 5500 | 49,05 | 11,715 | 67,468 |
| 1400 | 97,33 | 23,247 | 34,080 | 6000 | 45,81 | 10,942 | 68,743 |
| 1500 | 95,07 | 22,707 | 35,665 | 6500 | 42,82 | 10,227 | 69,611 |

| BRECOFLEX® ATS15 Zulässige Zugkraft des Riemens $F_{zul}$ / Riemengewicht | | | | | | | |
|---|---|---|---|---|---|---|---|
| Riemenbreite | | b [mm] | 25 | 32 | 50 | 75 | 100 |
| E- / Stahl-Zugträger | | $F_{zul}$ [N] | 6150 | 7995 | 12915 | 19680 | 26445 |
| VA-Zugträger | | $F_{zul}$ [N] | 4900 | 6370 | 10290 | 15680 | 21070 |
| Riemengewicht | Standard | [kg/m] | 0,219 | 0,280 | 0,438 | 0,656 | 0,875 |
| | DL | [kg/m] | 0,294 | 0,377 | 0,589 | 0,883 | 1,178 |
| | DR | [kg/m] | - | - | - | - | - |
| | T | [kg/m] | - | - | - | - | - |

| BRECOFLEX® ATS15 Biegewilligkeit (Mindestzähnezahlen / Mindestdurchmesser) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Stahl-Zugträger | | | | E-Zugträger | | | | VA-Zugträger | | | | |
| | | | Stan-dard | DL | DR | T | Stan-dard | DL | DR | T | Stan-dard | DL | DR | T |
|  | Ohne Gegen-biegung | $z_{min}$ | 25 | 40 | - | - | - | - | - | - | 30 | 60 | - | - |
| | | $d_{min}$ [mm] | 120 | 250 | - | - | - | - | - | - | 180 | 300 | - | - |
|  | Mit Gegen-biegung | $z_{min}$ | 40 | 40 | - | - | - | - | - | - | 60 | 60 | - | - |
| | | $d_{min}$ [mm] | 250 | 250 | - | - | - | - | - | - | 300 | 300 | - | - |