

TEF-MET/B

02



GEROLLTES VERBUNDGLEITLAGER, BRONZE/PTFE, WARTUNGSFREI



TEF-MET/B

Gerolltes Verbundgleitlager Bronze / PTFE beschichtet • Wartungsfreies Trockengleitlager
DIN 1494 / ISO 3547 • Auch bleifrei lieferbar!

Alle
Sonderabmessungen
werden kurzfristig
angefertigt!

TFZ/B Zylinderbuchsen
TFB/B Bundbuchsen
TFA/B Anlaufscheiben
TFS/B Streifen & Bänder

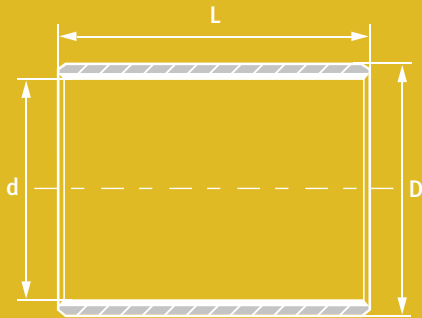
| | |
|--|--|
| EIGENSCHAFTEN | Sehr gutes Gleit- und Verschleißverhalten, für alle Bewegungsarten, hohe Belastbarkeit, gute Korrosionsbeständigkeit, anti-magnetisch. |
| WERKSTOFFE Trägerwerkstoff Zwischenschicht Gleitschicht | Bronze Sinterbronze PTFE |
| WERKSTOFFEIGENSCHAFTEN Spez. Belastbarkeit statisch Spez. Belastbarkeit dynamisch Gleitgeschwindigkeit Reibungswert Temperaturbelastung Max. P _v -Wert | ≤ 200 [N/mm ²] ≤ 140 [N/mm ²] bei niedrigen Gleitgeschwindigkeiten ≤ 2,5 [m/s] 0,02 bis 0,25 [μ] -200 bis +280 [°C] 1,8 [N/mm ² x m/s] kurzfristig 3,6 |
| TOLERANZANGABEN Gehäusebohrung Buchsen nach dem Einbau Wellentoleranz | H7 H9 f6 oder h7 |
| WELLENWERKSTOFF | Stahl, gehärtet oder ungehärtet, Rautiefe ≤ Rz 4 |
| MONTAGEHINWEISE Gehäusebohrung Welle Einpressdorn Einkleben | Einbaufase, min. 1,5 mm x 15-45° Einbaufase, 5 mm x 15°, Kanten gerundet Die Verwendung eines passenden Einpressdorns ist zweckmäßig. Eventuell ist das Einfetten der Außenflächen beim Einbau erforderlich. Der Kleber darf die Gleitfläche nicht berühren |
| WARTUNG | TEF - MET/B ist ein Trockengleitlager mit PTFE Gleitschicht. Es ist daher keine Schmierung notwendig. Eine zusätzliche Schmierung ist aber grundsätzlich möglich! |



Zylinder-, Bundbuchsen, Anlaufscheiben und Streifen sind Standardfertigung.
Stanz- und Formteile werden nach Kundenwunsch gefertigt.

TFZ/B

TFZ-B Zylinderbuchsen



| Art. Nr. | d / D x L | Art. Nr. | d / D x L |
|------------|-----------|-------------|-----------|
| TFZ/B 0303 | 3/4,5x3 | TFZ/B 1214 | 12/14x14 |
| TFZ/B 0304 | 3/4,5x4 | TFZ/B 1215 | 12/14x15 |
| TFZ/B 0305 | 3/4,5x5 | TFZ/B 1216 | 12/14x16 |
| TFZ/B 0404 | 4/5,5x4 | TFZ/B 1220 | 12/14x20 |
| TFZ/B 0405 | 4/5,5x5 | TFZ/B 1225 | 12/14x25 |
| TFZ/B 0406 | 4/5,5x6 | TFZ/B 1308 | 13/15x8 |
| TFZ/B 0505 | 5/7x5 | TFZ/B 1309 | 13/15x9 |
| TFZ/B 0506 | 5/7x6 | TFZ/B 1310 | 13/15x10 |
| TFZ/B 0507 | 5/7x7 | TFZ/B 1312 | 13/15x12 |
| TFZ/B 0510 | 5/7x10 | TFZ/B 1315 | 13/15x15 |
| TFZ/B 0604 | 6/8x4 | TFZ/B 1410 | 14/16x10 |
| TFZ/B 0605 | 6/8x5 | TFZ/B 1412 | 14/16x12 |
| TFZ/B 0606 | 6/8x6 | TFZ/B 1415 | 14/16x15 |
| TFZ/B 0608 | 6/8x8 | TFZ/B 1420 | 14/16x20 |
| TFZ/B 0610 | 6/8x10 | TFZ/B 1422 | 14/16x22 |
| TFZ/B 0705 | 7/9x5 | TFZ/B 1425 | 14/16x25 |
| TFZ/B 0706 | 7/9x6 | TFZ/B 1508 | 15/17x8 |
| TFZ/B 0708 | 7/9x8 | TFZ/B 1510 | 15/17x10 |
| TFZ/B 0710 | 7/9x10 | TFZ/B 1512 | 15/17x12 |
| TFZ/B 0715 | 7/9x15 | TFZ/B 1515 | 15/17x15 |
| TFZ/B 0805 | 8/10x5 | TFZ/B 1518 | 15/17x18 |
| TFZ/B 0806 | 8/10x6 | TFZ/B 1520 | 15/17x20 |
| TFZ/B 0808 | 8/10x8 | TFZ/B 1525 | 15/17x25 |
| TFZ/B 0810 | 8/10x10 | TFZ/B 1608 | 16/18x8 |
| TFZ/B 0812 | 8/10x12 | TFZ/B 1610 | 16/18x10 |
| TFZ/B 0815 | 8/10x15 | TFZ/B 1612 | 16/18x12 |
| TFZ/B 0820 | 8/10x20 | TFZ/B 1615 | 16/18x15 |
| TFZ/B 0908 | 9/11x8 | TFZ/B 1618 | 16/18x18 |
| TFZ/B 0909 | 9/11x9 | TFZ/B 1620 | 16/18x20 |
| TFZ/B 0910 | 9/11x10 | TFZ/B 1625 | 16/18x25 |
| TFZ/B 1005 | 10/12x5 | TFZ/B 1708 | 17/19x8 |
| TFZ/B 1006 | 10/12x6 | TFZ/B 1710 | 17/19x10 |
| TFZ/B 1008 | 10/12x8 | TFZ/B 1712 | 17/19x12 |
| TFZ/B 1009 | 10/12x9 | TFZ/B 1715 | 17/19x15 |
| TFZ/B 1010 | 10/12x10 | TFZ/B 1718 | 17/19x18 |
| TFZ/B 1012 | 10/12x12 | TFZ/B 1720 | 17/19x20 |
| TFZ/B 1015 | 10/12x15 | TFZ/B 1725 | 17/19x25 |
| TFZ/B 1020 | 10/12x20 | TFZ/B 1808 | 18/20x8 |
| TFZ/B 1108 | 11/13x8 | TFZ/B 1810 | 18/20x10 |
| TFZ/B 1109 | 11/13x9 | TFZ/B 1812 | 18/20x12 |
| TFZ/B 1110 | 11/13x10 | TFZ/B 1815 | 18/20x15 |
| TFZ/B 1112 | 11/13x12 | TFZ/B 1820 | 18/20x20 |
| TFZ/B 1206 | 12/14x6 | TFZ/B 1825 | 18/20x25 |
| TFZ/B 1208 | 12/14x8 | TFZ/B 1830 | 18/20x30 |
| TFZ/B 1210 | 12/14x10 | TFZ/B 2010a | 20/22x10 |
| TFZ/B 1212 | 12/14x12 | TFZ/B 2012a | 20/22x12 |
| | | TFZ/B 2015a | 20/22x15 |
| | | TFZ/B 2020a | 20/22x20 |
| | | TFZ/B 2025a | 20/22x25 |
| | | TFZ/B 2030a | 20/22x30 |
| | | TFZ/B 2035a | 20/22x35 |
| | | TFZ/B 2040a | 20/22x40 |
| | | TFZ/B 2008b | 20/23x8 |
| | | TFZ/B 2010b | 20/23x10 |
| | | TFZ/B 2012b | 20/23x12 |
| | | TFZ/B 2015b | 20/23x15 |
| | | TFZ/B 2020b | 20/23x20 |
| | | TFZ/B 2025b | 20/23x25 |
| | | TFZ/B 2030b | 20/23x30 |
| | | TFZ/B 2035b | 20/23x35 |
| | | TFZ/B 2040b | 20/23x40 |
| | | TFZ/B 2210 | 22/25x10 |
| | | TFZ/B 2212 | 22/25x12 |
| | | TFZ/B 2215 | 22/25x15 |
| | | TFZ/B 2220 | 22/25x20 |
| | | TFZ/B 2225 | 22/25x25 |
| | | TFZ/B 2230 | 22/25x30 |
| | | TFZ/B 2235 | 22/25x35 |
| | | TFZ/B 2238 | 22/25x38 |
| | | TFZ/B 2240 | 22/25x40 |
| | | TFZ/B 2245 | 22/25x45 |
| | | TFZ/B 2250 | 22/25x50 |
| | | TFZ/B 2410a | 24/27x10 |
| | | TFZ/B 2412a | 24/27x12 |
| | | TFZ/B 2415a | 24/27x15 |
| | | TFZ/B 2420a | 24/27x20 |
| | | TFZ/B 2425a | 24/27x25 |
| | | TFZ/B 2428a | 24/27x28 |
| | | TFZ/B 2430a | 24/27x30 |
| | | TFZ/B 2432a | 24/27x32 |
| | | TFZ/B 2435a | 24/27x35 |
| | | TFZ/B 2438a | 24/27x38 |
| | | TFZ/B 2440a | 24/27x40 |
| | | TFZ/B 2450a | 24/27x50 |
| | | TFZ/B 2410b | 24/28x10 |
| | | TFZ/B 2412b | 24/28x12 |
| | | TFZ/B 2415b | 24/28x15 |
| | | TFZ/B 2420b | 24/28x20 |
| | | TFZ/B 2425b | 24/28x25 |
| | | TFZ/B 2428b | 24/28x28 |
| | | TFZ/B 2430b | 24/28x30 |
| | | TFZ/B 2432b | 24/28x32 |
| | | TFZ/B 2435b | 24/28x35 |
| | | TFZ/B 2438b | 24/28x38 |
| | | TFZ/B 2440b | 24/28x40 |
| | | TFZ/B 2450b | 24/28x50 |
| | | TFZ/B 2510 | 25/28x10 |
| | | TFZ/B 2512 | 25/28x12 |
| | | TFZ/B 2515 | 25/28x15 |
| | | TFZ/B 2520 | 25/28x20 |
| | | TFZ/B 2525 | 25/28x25 |
| | | TFZ/B 2528 | 25/28x28 |
| | | TFZ/B 2530 | 25/28x30 |
| | | TFZ/B 2532 | 25/28x32 |
| | | TFZ/B 2535 | 25/28x35 |
| | | TFZ/B 2540 | 25/28x40 |
| | | TFZ/B 2550 | 25/28x50 |
| | | TFZ/B 2560 | 25/28x60 |
| | | TFZ/B 2610 | 26/30x10 |
| | | TFZ/B 2612 | 26/30x12 |
| | | TFZ/B 2615 | 26/30x15 |
| | | TFZ/B 2620 | 26/30x20 |
| | | TFZ/B 2625 | 26/30x25 |
| | | TFZ/B 2630 | 26/30x30 |
| | | TFZ/B 2635 | 26/30x35 |
| | | TFZ/B 2640 | 26/30x40 |
| | | TFZ/B 2650 | 26/30x50 |
| | | TFZ/B 2810 | 28/32x10 |
| | | TFZ/B 2812 | 28/32x12 |
| | | TFZ/B 2815 | 28/32x15 |
| | | TFZ/B 2820 | 28/32x20 |
| | | TFZ/B 2825 | 28/32x25 |
| | | TFZ/B 2830 | 28/32x30 |
| | | TFZ/B 2832 | 28/32x32 |
| | | TFZ/B 2835 | 28/32x35 |
| | | TFZ/B 2840 | 28/32x40 |
| | | TFZ/B 3010 | 30/34x10 |
| | | TFZ/B 3012 | 30/34x12 |
| | | TFZ/B 3015 | 30/34x15 |
| | | TFZ/B 3020 | 30/34x20 |
| | | TFZ/B 3025 | 30/34x25 |
| | | TFZ/B 3028 | 30/34x28 |
| | | TFZ/B 3030 | 30/34x30 |
| | | TFZ/B 3032 | 30/34x32 |

TFZ/B

| Art. Nr. | d / D x L | Art. Nr. | d / D x L | Art. Nr. | d / D x L |
|------------|-----------|------------|-----------|-------------|------------|
| TFZ/B 3035 | 30/34x35 | TFZ/B 4212 | 42/46x12 | TFZ/B 6070 | 60/65x70 |
| TFZ/B 3038 | 30/34x38 | TFZ/B 4215 | 42/46x15 | TFZ/B 6075 | 60/65x75 |
| TFZ/B 3040 | 30/34x40 | TFZ/B 4220 | 42/46x20 | TFZ/B 6080 | 60/65x80 |
| TFZ/B 3045 | 30/34x45 | TFZ/B 4225 | 42/46x25 | TFZ/B 6085 | 60/65x85 |
| TFZ/B 3050 | 30/34x50 | TFZ/B 4230 | 42/46x30 | TFZ/B 6090 | 60/65x90 |
| TFZ/B 3210 | 32/36x10 | TFZ/B 4235 | 42/46x35 | TFZ/B 6515 | 65/70x15 |
| TFZ/B 3212 | 32/36x12 | TFZ/B 4240 | 42/46x40 | TFZ/B 6520 | 65/70x20 |
| TFZ/B 3215 | 32/36x15 | TFZ/B 4245 | 42/46x45 | TFZ/B 6530 | 65/70x30 |
| TFZ/B 3218 | 32/36x18 | TFZ/B 4250 | 42/46x50 | TFZ/B 6540 | 65/70x40 |
| TFZ/B 3220 | 32/36x20 | TFZ/B 4255 | 42/46x55 | TFZ/B 6550 | 65/70x50 |
| TFZ/B 3225 | 32/36x25 | TFZ/B 4260 | 42/46x60 | TFZ/B 6560 | 65/70x60 |
| TFZ/B 3230 | 32/36x30 | TFZ/B 4412 | 44/48x12 | TFZ/B 6570 | 65/70x70 |
| TFZ/B 3235 | 32/36x35 | TFZ/B 4415 | 44/48x15 | TFZ/B 6580 | 65/70x80 |
| TFZ/B 3240 | 32/36x40 | TFZ/B 4420 | 44/48x20 | TFZ/B 6590 | 65/70x90 |
| TFZ/B 3245 | 32/36x45 | TFZ/B 4425 | 44/48x25 | TFZ/B 7020 | 70/75x20 |
| TFZ/B 3250 | 32/36x50 | TFZ/B 4430 | 44/48x30 | TFZ/B 7030 | 70/75x30 |
| TFZ/B 3410 | 34/38x10 | TFZ/B 4435 | 44/48x35 | TFZ/B 7040 | 70/75x40 |
| TFZ/B 3412 | 34/38x12 | TFZ/B 4440 | 44/48x40 | TFZ/B 7050 | 70/75x50 |
| TFZ/B 3415 | 34/38x15 | TFZ/B 4445 | 44/48x45 | TFZ/B 7060 | 70/75x60 |
| TFZ/B 3420 | 34/38x20 | TFZ/B 4450 | 44/48x50 | TFZ/B 7070 | 70/75x70 |
| TFZ/B 3425 | 34/38x25 | TFZ/B 4455 | 44/48x55 | TFZ/B 7080 | 70/75x80 |
| TFZ/B 3430 | 34/38x30 | TFZ/B 4460 | 44/48x60 | TFZ/B 7090 | 70/75x90 |
| TFZ/B 3435 | 34/38x35 | TFZ/B 4515 | 45/50x15 | TFZ/B 7530 | 75/80x30 |
| TFZ/B 3440 | 34/38x40 | TFZ/B 4520 | 45/50x20 | TFZ/B 7540 | 75/80x40 |
| TFZ/B 3445 | 34/38x45 | TFZ/B 4525 | 45/50x25 | TFZ/B 7550 | 75/80x50 |
| TFZ/B 3510 | 35/39x10 | TFZ/B 4530 | 45/50x30 | TFZ/B 7560 | 75/80x60 |
| TFZ/B 3512 | 35/39x12 | TFZ/B 4535 | 45/50x35 | TFZ/B 7570 | 75/80x70 |
| TFZ/B 3515 | 35/39x15 | TFZ/B 4540 | 45/50x40 | TFZ/B 7580 | 75/80x80 |
| TFZ/B 3520 | 35/39x20 | TFZ/B 4545 | 45/50x45 | TFZ/B 7590 | 75/80x90 |
| TFZ/B 3525 | 35/39x25 | TFZ/B 4550 | 45/50x50 | TFZ/B 8030 | 80/85x30 |
| TFZ/B 3530 | 35/39x30 | TFZ/B 4555 | 45/50x55 | TFZ/B 8040 | 80/85x40 |
| TFZ/B 3535 | 35/39x35 | TFZ/B 4560 | 45/50x60 | TFZ/B 8050 | 80/85x50 |
| TFZ/B 3540 | 35/39x40 | TFZ/B 5015 | 50/55x15 | TFZ/B 8060 | 80/85x60 |
| TFZ/B 3545 | 35/39x45 | TFZ/B 5020 | 50/55x20 | TFZ/B 8070 | 80/85x70 |
| TFZ/B 3550 | 35/39x50 | TFZ/B 5025 | 50/55x25 | TFZ/B 8080 | 80/85x80 |
| TFZ/B 3610 | 36/40x10 | TFZ/B 5030 | 50/55x30 | TFZ/B 8090 | 80/85x90 |
| TFZ/B 3612 | 36/40x12 | TFZ/B 5035 | 50/55x35 | TFZ/B 80100 | 80/85x100 |
| TFZ/B 3615 | 36/40x15 | TFZ/B 5040 | 50/55x40 | TFZ/B 8530 | 85/90x30 |
| TFZ/B 3620 | 36/40x20 | TFZ/B 5045 | 50/55x45 | TFZ/B 8540 | 85/90x40 |
| TFZ/B 3625 | 36/40x25 | TFZ/B 5050 | 50/55x50 | TFZ/B 8550 | 85/90x50 |
| TFZ/B 3630 | 36/40x30 | TFZ/B 5055 | 50/55x55 | TFZ/B 8560 | 85/90x60 |
| TFZ/B 3635 | 36/40x35 | TFZ/B 5060 | 50/55x60 | TFZ/B 8570 | 85/90x70 |
| TFZ/B 3640 | 36/40x40 | TFZ/B 5065 | 50/55x65 | TFZ/B 8580 | 85/90x80 |
| TFZ/B 3645 | 36/40x45 | TFZ/B 5070 | 50/55x70 | TFZ/B 8590 | 85/90x90 |
| TFZ/B 3650 | 36/40x50 | TFZ/B 5515 | 55/60x15 | TFZ/B 85100 | 85/90x100 |
| TFZ/B 3812 | 38/42x12 | TFZ/B 5520 | 55/60x20 | TFZ/B 9030 | 90/95x30 |
| TFZ/B 3815 | 38/42x15 | TFZ/B 5525 | 55/60x25 | TFZ/B 9040 | 90/95x40 |
| TFZ/B 3820 | 38/42x20 | TFZ/B 5530 | 55/60x30 | TFZ/B 9050 | 90/95x50 |
| TFZ/B 3825 | 38/42x25 | TFZ/B 5535 | 55/60x35 | TFZ/B 9060 | 90/95x60 |
| TFZ/B 3830 | 38/42x30 | TFZ/B 5540 | 55/60x40 | TFZ/B 9070 | 90/95x70 |
| TFZ/B 3835 | 38/42x35 | TFZ/B 5545 | 55/60x45 | TFZ/B 9080 | 90/95x80 |
| TFZ/B 3840 | 38/42x40 | TFZ/B 5550 | 55/60x50 | TFZ/B 9090 | 90/95x90 |
| TFZ/B 3845 | 38/42x45 | TFZ/B 5555 | 55/60x55 | TFZ/B 90100 | 90/95x100 |
| TFZ/B 3850 | 38/42x50 | TFZ/B 5560 | 55/60x60 | TFZ/B 9530 | 95/100x30 |
| TFZ/B 3855 | 38/42x55 | TFZ/B 5565 | 55/60x65 | TFZ/B 9540 | 95/100x40 |
| TFZ/B 3860 | 38/42x60 | TFZ/B 5570 | 55/60x70 | TFZ/B 9550 | 95/100x50 |
| TFZ/B 4012 | 40/44x12 | TFZ/B 6015 | 60/65x15 | TFZ/B 9560 | 95/100x60 |
| TFZ/B 4015 | 40/44x15 | TFZ/B 6020 | 60/65x20 | TFZ/B 9570 | 95/100x70 |
| TFZ/B 4020 | 40/44x20 | TFZ/B 6025 | 60/65x25 | TFZ/B 9580 | 95/100x80 |
| TFZ/B 4025 | 40/44x25 | TFZ/B 6030 | 60/65x30 | TFZ/B 9590 | 95/100x90 |
| TFZ/B 4030 | 40/44x30 | TFZ/B 6035 | 60/65x35 | TFZ/B 95100 | 95/100x100 |
| TFZ/B 4035 | 40/44x35 | TFZ/B 6040 | 60/65x40 | TFZ/B 10030 | 100/105x30 |
| TFZ/B 4040 | 40/44x40 | TFZ/B 6045 | 60/65x45 | TFZ/B 10040 | 100/105x40 |
| TFZ/B 4045 | 40/44x45 | TFZ/B 6050 | 60/65x50 | TFZ/B 10050 | 100/105x50 |
| TFZ/B 4050 | 40/44x50 | TFZ/B 6055 | 60/65x55 | TFZ/B 10060 | 100/105x60 |
| TFZ/B 4055 | 40/44x55 | TFZ/B 6060 | 60/65x60 | TFZ/B 10070 | 100/105x70 |
| TFZ/B 4060 | 40/44x60 | TFZ/B 6065 | 60/65x65 | TFZ/B 10080 | 100/105x80 |

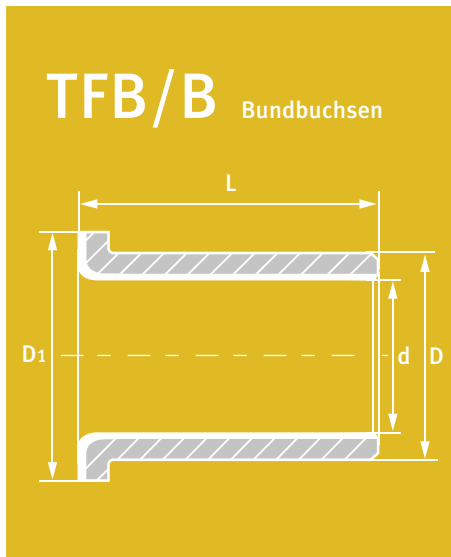
TFZ/B

| Art. Nr. | d / D x L | Art. Nr. | d / D x L | Art. Nr. | d / D x L |
|--------------|-------------|--------------|-------------|--------------|-------------|
| TFZ/B 10090 | 100/105x90 | TFZ/B 15560 | 155/160x60 | TFZ/B 19080 | 190/195x80 |
| TFZ/B 100100 | 100/105x100 | TFZ/B 15570 | 155/160x70 | TFZ/B 19090 | 190/195x90 |
| TFZ/B 100115 | 100/105x115 | TFZ/B 15580 | 155/160x80 | TFZ/B 190100 | 190/195x100 |
| TFZ/B 10550 | 105/110x50 | TFZ/B 15590 | 155/160x90 | TFZ/B 190110 | 190/195x110 |
| TFZ/B 10560 | 105/110x60 | TFZ/B 155100 | 155/160x100 | TFZ/B 190120 | 190/195x120 |
| TFZ/B 10570 | 105/110x70 | TFZ/B 16060 | 160/165x60 | TFZ/B 190130 | 190/195x130 |
| TFZ/B 10580 | 105/110x80 | TFZ/B 16070 | 160/165x70 | TFZ/B 190140 | 190/195x140 |
| TFZ/B 10590 | 105/110x90 | TFZ/B 16080 | 160/165x80 | TFZ/B 190150 | 190/195x150 |
| TFZ/B 105100 | 105/110x100 | TFZ/B 16090 | 160/165x90 | TFZ/B 19560 | 195/200x60 |
| TFZ/B 105115 | 105/110x115 | TFZ/B 160100 | 160/165x100 | TFZ/B 19570 | 195/200x70 |
| TFZ/B 11050 | 110/115x50 | TFZ/B 160110 | 160/165x110 | TFZ/B 19580 | 195/200x80 |
| TFZ/B 11060 | 110/115x60 | TFZ/B 160120 | 160/165x120 | TFZ/B 19590 | 195/200x90 |
| TFZ/B 11070 | 110/115x70 | TFZ/B 160130 | 160/165x130 | TFZ/B 195100 | 195/200x100 |
| TFZ/B 11080 | 110/115x80 | TFZ/B 160140 | 160/165x140 | TFZ/B 195110 | 195/200x110 |
| TFZ/B 11090 | 110/115x90 | TFZ/B 160150 | 160/165x150 | TFZ/B 195120 | 195/200x120 |
| TFZ/B 110100 | 110/115x100 | TFZ/B 16560 | 165/170x60 | TFZ/B 195130 | 195/200x130 |
| TFZ/B 110115 | 110/115x115 | TFZ/B 16570 | 165/170x70 | TFZ/B 195140 | 195/200x140 |
| TFZ/B 11550 | 115/120x50 | TFZ/B 16580 | 165/170x80 | TFZ/B 195150 | 195/200x150 |
| TFZ/B 11560 | 115/120x60 | TFZ/B 16590 | 165/170x90 | TFZ/B 20060 | 200/205x60 |
| TFZ/B 11570 | 115/120x70 | TFZ/B 165100 | 165/170x100 | TFZ/B 20070 | 200/205x70 |
| TFZ/B 11580 | 115/120x80 | TFZ/B 165110 | 165/170x110 | TFZ/B 20080 | 200/205x80 |
| TFZ/B 11590 | 115/120x90 | TFZ/B 165120 | 165/170x120 | TFZ/B 20090 | 200/205x90 |
| TFZ/B 115100 | 115/120x100 | TFZ/B 165130 | 165/170x130 | TFZ/B 200100 | 200/205x100 |
| TFZ/B 115115 | 115/120x115 | TFZ/B 165140 | 165/170x140 | TFZ/B 200110 | 200/205x110 |
| TFZ/B 12050 | 120/125x50 | TFZ/B 165150 | 165/170x150 | TFZ/B 200120 | 200/205x120 |
| TFZ/B 12060 | 120/125x60 | TFZ/B 17060 | 170/175x60 | TFZ/B 200130 | 200/205x130 |
| TFZ/B 12070 | 120/125x70 | TFZ/B 17070 | 170/175x70 | TFZ/B 200140 | 200/205x140 |
| TFZ/B 12080 | 120/125x80 | TFZ/B 17080 | 170/175x80 | TFZ/B 200150 | 200/205x150 |
| TFZ/B 12090 | 120/125x90 | TFZ/B 17090 | 170/175x90 | TFZ/B 20560 | 205/210x60 |
| TFZ/B 120100 | 120/125x100 | TFZ/B 170100 | 170/175x100 | TFZ/B 20570 | 205/210x70 |
| TFZ/B 120120 | 120/125x120 | TFZ/B 170110 | 170/175x110 | TFZ/B 20580 | 205/210x80 |
| TFZ/B 12550 | 125/130x50 | TFZ/B 170120 | 170/175x120 | TFZ/B 20590 | 205/210x90 |
| TFZ/B 12560 | 125/130x60 | TFZ/B 170130 | 170/175x130 | TFZ/B 205100 | 205/210x100 |
| TFZ/B 12570 | 125/130x70 | TFZ/B 170140 | 170/175x140 | TFZ/B 205110 | 205/210x110 |
| TFZ/B 12580 | 125/130x80 | TFZ/B 170150 | 170/175x150 | TFZ/B 205120 | 205/210x120 |
| TFZ/B 12590 | 125/130x90 | TFZ/B 17560 | 175/180x60 | TFZ/B 205130 | 205/210x130 |
| TFZ/B 125100 | 125/130x100 | TFZ/B 17570 | 175/180x70 | TFZ/B 205140 | 205/210x140 |
| TFZ/B 125115 | 125/130x115 | TFZ/B 17580 | 175/180x80 | TFZ/B 205150 | 205/210x150 |
| TFZ/B 13060 | 130/135x60 | TFZ/B 17590 | 175/180x90 | TFZ/B 21060 | 210/215x60 |
| TFZ/B 13070 | 130/135x70 | TFZ/B 175100 | 175/180x100 | TFZ/B 21070 | 210/215x70 |
| TFZ/B 13080 | 130/135x80 | TFZ/B 175110 | 175/180x110 | TFZ/B 21080 | 210/215x80 |
| TFZ/B 13090 | 130/135x90 | TFZ/B 175120 | 175/180x120 | TFZ/B 21090 | 210/215x90 |
| TFZ/B 130100 | 130/135x100 | TFZ/B 175130 | 175/180x130 | TFZ/B 210100 | 210/215x100 |
| TFZ/B 130120 | 130/135x120 | TFZ/B 175140 | 175/180x140 | TFZ/B 210110 | 210/215x110 |
| TFZ/B 13560 | 135/140x60 | TFZ/B 175150 | 175/180x150 | TFZ/B 210120 | 210/215x120 |
| TFZ/B 13570 | 135/140x70 | TFZ/B 18060 | 180/185x60 | TFZ/B 210130 | 210/215x130 |
| TFZ/B 13580 | 135/140x80 | TFZ/B 18070 | 180/185x70 | TFZ/B 210140 | 210/215x140 |
| TFZ/B 13590 | 135/140x90 | TFZ/B 18080 | 180/185x80 | TFZ/B 210150 | 210/215x150 |
| TFZ/B 135100 | 135/140x100 | TFZ/B 18090 | 180/185x90 | TFZ/B 21560 | 215/220x60 |
| TFZ/B 135120 | 135/140x120 | TFZ/B 180100 | 180/185x100 | TFZ/B 21570 | 215/220x70 |
| TFZ/B 14060 | 140/145x60 | TFZ/B 180110 | 180/185x110 | TFZ/B 21580 | 215/220x80 |
| TFZ/B 14070 | 140/145x70 | TFZ/B 180120 | 180/185x120 | TFZ/B 21590 | 215/220x90 |
| TFZ/B 14080 | 140/145x80 | TFZ/B 180130 | 180/185x130 | TFZ/B 215100 | 215/220x100 |
| TFZ/B 14090 | 140/145x90 | TFZ/B 180140 | 180/185x140 | TFZ/B 215110 | 215/220x110 |
| TFZ/B 140100 | 140/145x100 | TFZ/B 180150 | 180/185x150 | TFZ/B 215120 | 215/220x120 |
| TFZ/B 14560 | 145/150x60 | TFZ/B 18560 | 185/190x60 | TFZ/B 215130 | 215/220x130 |
| TFZ/B 14570 | 145/150x70 | TFZ/B 18570 | 185/190x70 | TFZ/B 215140 | 215/220x140 |
| TFZ/B 14580 | 145/150x80 | TFZ/B 18580 | 185/190x80 | TFZ/B 215150 | 215/220x150 |
| TFZ/B 14590 | 145/150x90 | TFZ/B 18590 | 185/190x90 | TFZ/B 22060 | 220/225x60 |
| TFZ/B 145100 | 145/150x100 | TFZ/B 185100 | 185/190x100 | TFZ/B 22070 | 220/225x70 |
| TFZ/B 145120 | 145/150x120 | TFZ/B 185110 | 185/190x110 | TFZ/B 22080 | 220/225x80 |
| TFZ/B 15060 | 150/155x60 | TFZ/B 185120 | 185/190x120 | TFZ/B 22090 | 220/225x90 |
| TFZ/B 15070 | 150/155x70 | TFZ/B 185130 | 185/190x130 | TFZ/B 220100 | 220/225x100 |
| TFZ/B 15080 | 150/155x80 | TFZ/B 185140 | 185/190x140 | TFZ/B 220110 | 220/225x110 |
| TFZ/B 15090 | 150/155x90 | TFZ/B 185150 | 185/190x150 | TFZ/B 220120 | 220/225x120 |
| TFZ/B 150100 | 150/155x100 | TFZ/B 19060 | 190/195x60 | TFZ/B 220130 | 220/225x130 |
| TFZ/B 15550 | 155/160x50 | TFZ/B 19070 | 190/195x70 | TFZ/B 220140 | 220/225x140 |

TFZ/B

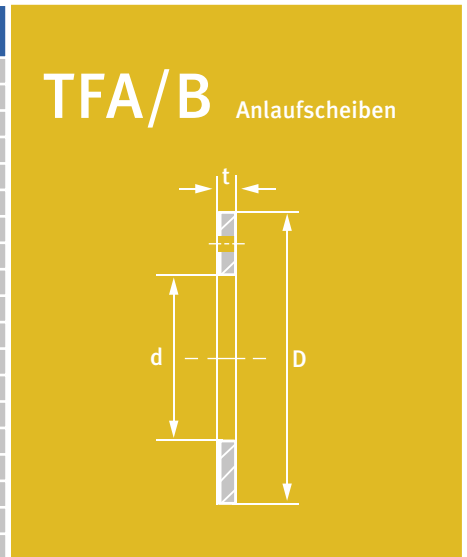
| Art. Nr. | d / D x L | Art. Nr. | d / D x L | Art. Nr. | d / D x L |
|--------------|-------------|--------------|-------------|--------------|-------------|
| TFZ/B 220150 | 220/225x150 | TFZ/B 255130 | 255/260x130 | TFZ/B 290100 | 290/295x100 |
| TFZ/B 22560 | 225/230x60 | TFZ/B 255140 | 255/260x140 | TFZ/B 290110 | 290/295x110 |
| TFZ/B 22570 | 225/230x70 | TFZ/B 255150 | 255/260x150 | TFZ/B 290120 | 290/295x120 |
| TFZ/B 22580 | 225/230x80 | TFZ/B 26060 | 260/265x60 | TFZ/B 290130 | 290/295x130 |
| TFZ/B 22590 | 225/230x90 | TFZ/B 26070 | 260/265x70 | TFZ/B 290140 | 290/295x140 |
| TFZ/B 225100 | 225/230x100 | TFZ/B 26080 | 260/265x80 | TFZ/B 290150 | 290/295x150 |
| TFZ/B 225110 | 225/230x110 | TFZ/B 26090 | 260/265x90 | TFZ/B 29560 | 295/300x60 |
| TFZ/B 225120 | 225/230x120 | TFZ/B 260100 | 260/265x100 | TFZ/B 29570 | 295/300x70 |
| TFZ/B 225130 | 225/230x130 | TFZ/B 260110 | 260/265x110 | TFZ/B 29580 | 295/300x80 |
| TFZ/B 225140 | 225/230x140 | TFZ/B 260120 | 260/265x120 | TFZ/B 29590 | 295/300x90 |
| TFZ/B 23060 | 230/235x60 | TFZ/B 260130 | 260/265x130 | TFZ/B 295100 | 295/300x100 |
| TFZ/B 23070 | 230/235x70 | TFZ/B 260140 | 260/265x140 | TFZ/B 295110 | 295/300x110 |
| TFZ/B 23080 | 230/235x80 | TFZ/B 260150 | 260/265x150 | TFZ/B 295120 | 295/300x120 |
| TFZ/B 23090 | 230/235x90 | TFZ/B 26560 | 265/270x60 | TFZ/B 295130 | 295/300x130 |
| TFZ/B 230100 | 230/235x100 | TFZ/B 26570 | 265/270x70 | TFZ/B 295140 | 295/300x140 |
| TFZ/B 230110 | 230/235x110 | TFZ/B 26580 | 265/270x80 | TFZ/B 295150 | 295/300x150 |
| TFZ/B 230120 | 230/235x120 | TFZ/B 26590 | 265/270x90 | TFZ/B 30060 | 300/305x60 |
| TFZ/B 230130 | 230/235x130 | TFZ/B 265100 | 265/270x100 | TFZ/B 30070 | 300/305x70 |
| TFZ/B 230140 | 230/235x140 | TFZ/B 265110 | 265/270x110 | TFZ/B 30080 | 300/305x80 |
| TFZ/B 230150 | 230/235x150 | TFZ/B 265120 | 265/270x120 | TFZ/B 30090 | 300/305x90 |
| TFZ/B 23560 | 235/240x60 | TFZ/B 265130 | 265/270x130 | TFZ/B 300100 | 300/305x100 |
| TFZ/B 23570 | 235/240x70 | TFZ/B 265140 | 265/270x140 | TFZ/B 300110 | 300/305x110 |
| TFZ/B 23580 | 235/240x80 | TFZ/B 265150 | 265/270x150 | TFZ/B 300120 | 300/305x120 |
| TFZ/B 23590 | 235/240x90 | TFZ/B 27060 | 270/275x60 | TFZ/B 300130 | 300/305x130 |
| TFZ/B 235100 | 235/240x100 | TFZ/B 27070 | 270/275x70 | TFZ/B 300140 | 300/305x140 |
| TFZ/B 235110 | 235/240x110 | TFZ/B 27080 | 270/275x80 | TFZ/B 300150 | 300/305x150 |
| TFZ/B 235120 | 235/240x120 | TFZ/B 27090 | 270/275x90 | | |
| TFZ/B 235130 | 235/240x130 | TFZ/B 270100 | 270/275x100 | | |
| TFZ/B 235140 | 235/240x140 | TFZ/B 270110 | 270/275x110 | | |
| TFZ/B 235150 | 235/240x150 | TFZ/B 270120 | 270/275x120 | | |
| TFZ/B 24060 | 240/245x60 | TFZ/B 270130 | 270/275x130 | | |
| TFZ/B 24070 | 240/245x70 | TFZ/B 270140 | 270/275x140 | | |
| TFZ/B 24080 | 240/245x80 | TFZ/B 270150 | 270/275x150 | | |
| TFZ/B 24090 | 240/245x90 | TFZ/B 27560 | 275/280x60 | | |
| TFZ/B 240100 | 240/245x100 | TFZ/B 27570 | 275/280x70 | | |
| TFZ/B 240110 | 240/245x110 | TFZ/B 27580 | 275/280x80 | | |
| TFZ/B 240120 | 240/245x120 | TFZ/B 27590 | 275/280x90 | | |
| TFZ/B 240130 | 240/245x130 | TFZ/B 275100 | 275/280x100 | | |
| TFZ/B 240140 | 240/245x140 | TFZ/B 275110 | 275/280x110 | | |
| TFZ/B 240150 | 240/245x150 | TFZ/B 275120 | 275/280x120 | | |
| TFZ/B 24560 | 245/250x60 | TFZ/B 275130 | 275/280x130 | | |
| TFZ/B 24570 | 245/250x70 | TFZ/B 275140 | 275/280x140 | | |
| TFZ/B 24580 | 245/250x80 | TFZ/B 275150 | 275/280x150 | | |
| TFZ/B 24590 | 245/250x90 | TFZ/B 28060 | 280/285x60 | | |
| TFZ/B 245100 | 245/250x100 | TFZ/B 28070 | 280/285x70 | | |
| TFZ/B 245110 | 245/250x110 | TFZ/B 28080 | 280/285x80 | | |
| TFZ/B 245120 | 245/250x120 | TFZ/B 28090 | 280/285x90 | | |
| TFZ/B 245130 | 245/250x130 | TFZ/B 280100 | 280/285x100 | | |
| TFZ/B 245140 | 245/250x140 | TFZ/B 280110 | 280/285x110 | | |
| TFZ/B 245150 | 245/250x150 | TFZ/B 280120 | 280/285x120 | | |
| TFZ/B 25060 | 250/255x60 | TFZ/B 280130 | 280/285x130 | | |
| TFZ/B 25070 | 250/255x70 | TFZ/B 280140 | 280/285x140 | | |
| TFZ/B 25080 | 250/255x80 | TFZ/B 280150 | 280/285x150 | | |
| TFZ/B 25090 | 250/255x90 | TFZ/B 28560 | 285/290x60 | | |
| TFZ/B 250100 | 250/255x100 | TFZ/B 28570 | 285/290x70 | | |
| TFZ/B 250110 | 250/255x110 | TFZ/B 28580 | 285/290x80 | | |
| TFZ/B 250120 | 250/255x120 | TFZ/B 28590 | 285/290x90 | | |
| TFZ/B 250130 | 250/255x130 | TFZ/B 285100 | 285/290x100 | | |
| TFZ/B 250140 | 250/255x140 | TFZ/B 285110 | 285/290x110 | | |
| TFZ/B 250150 | 250/255x150 | TFZ/B 285120 | 285/290x120 | | |
| TFZ/B 25560 | 255/260x60 | TFZ/B 285130 | 285/290x130 | | |
| TFZ/B 25570 | 255/260x70 | TFZ/B 285140 | 285/290x140 | | |
| TFZ/B 25580 | 255/260x80 | TFZ/B 285150 | 285/290x150 | | |
| TFZ/B 25590 | 255/260x90 | TFZ/B 29060 | 290/295x60 | | |
| TFZ/B 255100 | 255/260x100 | TFZ/B 29070 | 290/295x70 | | |
| TFZ/B 255110 | 255/260x110 | TFZ/B 29080 | 290/295x80 | | |
| TFZ/B 255120 | 255/260x120 | TFZ/B 29090 | 290/295x90 | | |

TFB/B, TFA/B, TFS/B

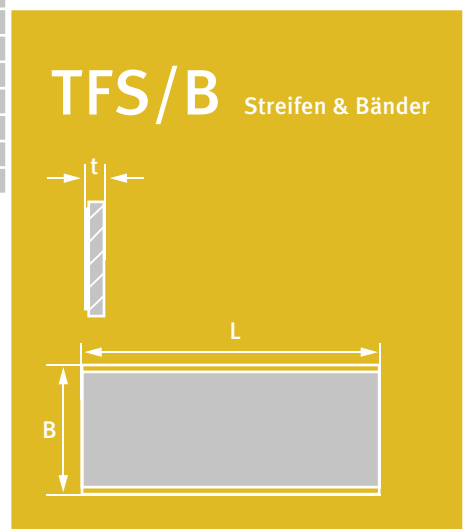


| Art. Nr. | d / D / D1 / x L |
|--------------|------------------|
| TFB/B 0304 | 3/4,5/7x4 |
| TFB/B 0404 | 4/5,5/9x4 |
| TFB/B 0505 | 5/7/10x5 |
| TFB/B 0506 | 5/7/10x6 |
| TFB/B 0604 | 6/8/12x4 |
| TFB/B 0606 | 6/8/12x6 |
| TFB/B 0607 | 6/8/12x7 |
| TFB/B 0608 | 6/8/12x8 |
| TFB/B 0706 | 7/9/13x6 |
| TFB/B 0708 | 7/9/13x8 |
| TFB/B 0805,5 | 8/10/15x5,5 |
| TFB/B 0807,5 | 8/10/15x7,5 |
| TFB/B 0809,5 | 8/10/15x9,5 |
| TFB/B 1007 | 10/12/18x7 |
| TFB/B 1008 | 10/12/18x8 |
| TFB/B 1009 | 10/12/18x9 |
| TFB/B 1011 | 10/12/18x11 |
| TFB/B 1012 | 10/12/18x12 |
| TFB/B 1015 | 10/12/18x15 |
| TFB/B 1017 | 10/12/18x17 |
| TFB/B 1207 | 12/14/20x7 |
| TFB/B 1209 | 12/14/20x9 |
| TFB/B 1212 | 12/14/20x12 |
| TFB/B 1215 | 12/14/20x15 |
| TFB/B 1217 | 12/14/20x17 |
| TFB/B 1410 | 14/16/22x10 |
| TFB/B 1412 | 14/16/22x12 |
| TFB/B 1415 | 14/16/22x15 |
| TFB/B 1417 | 14/16/22x17 |
| TFB/B 1509 | 15/17/23x9 |
| TFB/B 1512 | 15/17/23x12 |
| TFB/B 1515 | 15/17/23x15 |
| TFB/B 1517 | 15/17/23x17 |
| TFB/B 1521 | 15/17/23x21 |
| TFB/B 1612 | 16/18/24x12 |
| TFB/B 1617 | 16/18/24x17 |
| TFB/B 1621 | 16/18/24x21 |
| TFB/B 1812 | 18/20/26x12 |
| TFB/B 1815 | 18/20/26x15 |
| TFB/B 1817 | 18/20/26x17 |
| TFB/B 1822 | 18/20/26x22 |
| TFB/B 2011,5 | 20/23/30x11,5 |
| TFB/B 2013,5 | 20/23/30x13,5 |
| TFB/B 2016,5 | 20/23/30x16,5 |
| TFB/B 2021,5 | 20/23/30x21,5 |

| Art. Nr. | d / D / D1 / x L |
|--------------|------------------|
| TFB/B 2026,5 | 20/23/30x26,5 |
| TFB/B 2211,5 | 22/25/33x11,5 |
| TFB/B 2213,5 | 22/25/33x13,5 |
| TFB/B 2216,5 | 22/25/33x16,5 |
| TFB/B 2221,5 | 22/25/33x21,5 |
| TFB/B 2416,5 | 24/27/34x16,5 |
| TFB/B 2421,5 | 24/27/34x21,5 |
| TFB/B 2426,5 | 24/27/34x26,5 |
| TFB/B 2511,5 | 25/28/35x11,5 |
| TFB/B 2513,5 | 25/28/35x13,5 |
| TFB/B 2516,5 | 25/28/35x16,5 |
| TFB/B 2521,5 | 25/28/35x21,5 |
| TFB/B 2526,5 | 25/28/35x26,5 |
| TFB/B 3014 | 30/34/42x14 |
| TFB/B 3016 | 30/34/42x16 |
| TFB/B 3022 | 30/34/42x22 |
| TFB/B 3026 | 30/34/42x26 |
| TFB/B 3032 | 30/34/42x32 |
| TFB/B 3222 | 32/36/46x22 |
| TFB/B 3227 | 32/36/46x27 |
| TFB/B 3232 | 32/36/46x32 |
| TFB/B 3514 | 35/39/47x14 |
| TFB/B 3516 | 35/39/47x16 |
| TFB/B 3522 | 35/39/47x22 |
| TFB/B 3526 | 35/39/47x26 |
| TFB/B 3532 | 35/39/47x32 |
| TFB/B 3542 | 35/39/47x42 |
| TFB/B 4014 | 40/44/53x14 |
| TFB/B 4016 | 40/44/53x16 |
| TFB/B 4022 | 40/44/53x22 |
| TFB/B 4026 | 40/44/53x26 |
| TFB/B 4032 | 40/44/53x32 |
| TFB/B 4042 | 40/44/53x42 |
| TFB/B 4516 | 45/50/58x16 |
| TFB/B 4522 | 45/50/58x22 |
| TFB/B 4526 | 45/50/58x26 |
| TFB/B 4532 | 45/50/58x32 |
| TFB/B 4542 | 45/50/58x42 |
| TFB/B 5016 | 50/55/65x16 |
| TFB/B 5022 | 50/55/65x22 |
| TFB/B 5026 | 50/55/65x26 |
| TFB/B 5532 | 55/60/70x32 |
| TFB/B 5542 | 55/60/70x42 |
| TFB/B 6032 | 60/65/75x32 |
| TFB/B 6042 | 60/65/75x42 |



| Art. Nr. | d / D x t |
|------------|-----------|
| TFA/B 10/1 | 10/20x1,5 |
| TFA/B 12/1 | 12/24x1,5 |
| TFA/B 14/1 | 14/26x1,5 |
| TFA/B 16/1 | 16/30x1,5 |
| TFA/B 18/1 | 18/32x1,5 |
| TFA/B 20/1 | 20/36x1,5 |
| TFA/B 22/1 | 22/38x1,5 |
| TFA/B 24/1 | 24/42x1,5 |
| TFA/B 26/1 | 26/44x1,5 |
| TFA/B 28/1 | 28/48x1,5 |
| TFA/B 32/1 | 32/54x1,5 |
| TFA/B 38/1 | 38/62x1,5 |
| TFA/B 42/1 | 42/66x1,5 |
| TFA/B 48/2 | 48/74x2 |
| TFA/B 52/2 | 52/78x2 |
| TFA/B 62/2 | 62/90x2 |



| Art. Nr. | B x L x t |
|-------------|------------------|
| TFS/B 07150 | 150 x 500 x 0,75 |
| TFS/B 10240 | 245 x 500 x 1,0 |
| TFS/B 15240 | 45 x 500 x 21,5 |
| TFS/B 20240 | 245 x 500 x 2,0 |
| TFS/B 25240 | 245 x 500 x 2,5 |
| TFS/B 30240 | 245 x 500 x 3,0 |