

BIV-LUB®



WRAPPED COMPOSITE SLIDING BEARING, STEEL/BRONZE,
SOLID LUBRICANT, MAINTENANCE-FREE



BIV-LUB®

Wrapped composite sliding bearing steel / bronze • Solid lubricant
Maintenance-free • DIN 1494 / ISO 3547

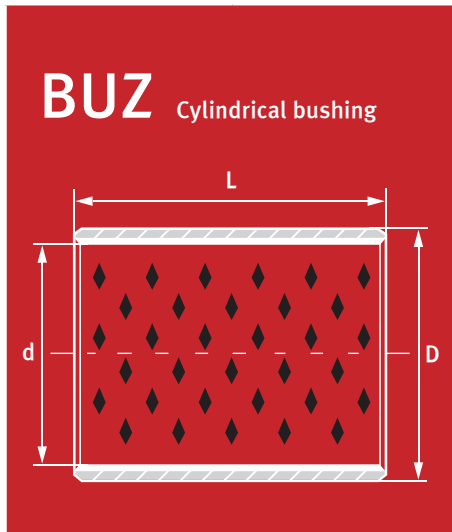
We produce all special designs at short notice!

BUZ Cylindrical bushing
 BUA Thrust washer
 BUS Strips

PROPERTIES	High load capacity at low abrasion, excellent suitable at low sliding speeds and oscillating movements.
MATERIALS Support material Sliding layer	Steel copper-plated CuPb10Sn10 Lubrication pockets are filled with solid lubricant.
MATERIAL PROPERTIES Specific load capacity static Specific load capacity dynamic Sliding speed Friction value Temperature strain Max. Pv - value	≤ 200 [N/mm ²] ≤ 75 [N/mm ²] ≤ 0,4 [m/s] 0,08 to 0,22 [μ] ≤ 200 [°C] 2,8 [N/mm ² x m/s]
TOLERANCE DETAILS Housing - Ø Bushing-inner - Ø after mounting Shaft tolerance	H7 H9 f7
SHAFT MATERIAL	Steel, hardened or untempered, surface roughness ≤ R _a 6,3
MOUNTING ADVICE Housing Shaft Force fitting mandrel	Mounting bevel, min. 1,5 mm x 15-45° Mounting bevel, 5 mm x 15°, edges rounded The application of an adequate force fitting mandrel is advisable. Grease lubrication of the outer surface may be necessary when mounting.
MAINTENANCE	BIV-LUB® is a maintenance-free composite sliding bearing with solid lubricant pockets, but primary lubrication is necessary. Therefore an ageing resistant lithium stiffened grease should be used.

Cylindrical bushing, thrust washer and strips are standard fabrication.
 Punchings and moldings are produced on customer's requirement.

BUZ

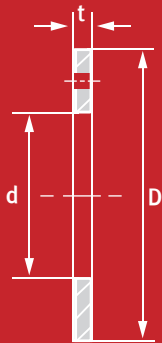


Art. Nr.	d / D x L
BUZ 1010	10/12x10
BUZ 1015	10/12x15
BUZ 1020	10/12x20
BUZ 1210	12/14x10
BUZ 1215	12/14x15
BUZ 1220	12/14x20
BUZ 1410	14/16x10
BUZ 1415	14/16x15
BUZ 1420	14/16x20
BUZ 1510	15/17x10
BUZ 1515	15/17x15
BUZ 1520	15/17x20
BUZ 1610	16/18x10
BUZ 1615	16/18x15
BUZ 1620	16/18x20
BUZ 1810	18/20x10
BUZ 1815	18/20x15
BUZ 1820	18/20x20
BUZ 1825	18/20x25
BUZ 2010	20/23x10
BUZ 2015	20/23x15
BUZ 2020	20/23x20
BUZ 2025	20/23x25
BUZ 2210	22/25x10
BUZ 2215	22/25x15
BUZ 2220	22/25x20
BUZ 2225	22/25x25
BUZ 2410	24/27x10
BUZ 2415	24/27x15
BUZ 2420	24/27x20
BUZ 2430	24/27x30
BUZ 2515	25/28x15
BUZ 2520	25/28x20
BUZ 2525	25/28x25
BUZ 2530	25/28x30
BUZ 2615	26/30x15
BUZ 2620	26/30x20
BUZ 2625	26/30x25
BUZ 2630	26/30x30
BUZ 2815	28/32x15
BUZ 2820	28/32x20
BUZ 2825	28/32x25
BUZ 2830	28/32x30
BUZ 2840	28/32x40
BUZ 3015	30/34x15
BUZ 3020	30/34x20
BUZ 3025	30/34x25

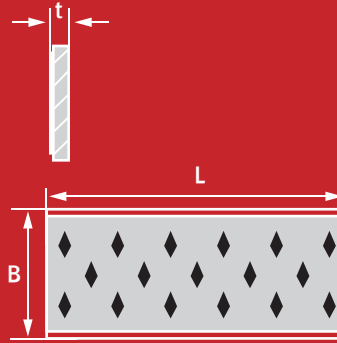
Art. Nr.	d / D x L	Art. Nr.	d / D x L
BUZ 3030	30/34x30	BUZ 10050	100/105x50
BUZ 3040	30/34x40	BUZ 10060	100/105x60
BUZ 3215	32/36x15	BUZ 10080	100/105x80
BUZ 3220	32/36x20	BUZ 10090	100/105x90
BUZ 3225	32/36x25	BUZ 10550	105/110x50
BUZ 3230	32/36x30	BUZ 10560	105/110x60
BUZ 3240	32/36x40	BUZ 10580	105/110x80
BUZ 3520	35/39x20	BUZ 11050	110/115x50
BUZ 3525	35/39x25	BUZ 11060	110/115x60
BUZ 3530	35/39x30	BUZ 11080	110/115x80
BUZ 3540	35/39x40	BUZ 11550	115/120x50
BUZ 3550	35/39x50	BUZ 11560	115/120x60
BUZ 3820	38/42x20	BUZ 11580	115/120x80
BUZ 3825	38/42x25	BUZ 12050	120/125x50
BUZ 3830	38/42x30	BUZ 12060	120/125x60
BUZ 3840	38/42x40	BUZ 12080	120/125x80
BUZ 3850	38/42x50	BUZ 12550	125/130x50
BUZ 4020	40/44x20	BUZ 12560	125/130x60
BUZ 4025	40/44x25	BUZ 12580	125/130x80
BUZ 4030	40/44x30	BUZ 125100	125/130x100
BUZ 4040	40/44x40	BUZ 13060	130/135x60
BUZ 4050	40/44x50	BUZ 13080	130/135x80
BUZ 4520	45/50x20	BUZ 130100	130/135x100
BUZ 4525	45/50x25	BUZ 13560	135/140x60
BUZ 4530	45/50x30	BUZ 13580	135/140x80
BUZ 4540	45/50x40	BUZ 135100	135/140x100
BUZ 4550	45/50x50	BUZ 14060	140/145x60
BUZ 5030	50/55x30	BUZ 14080	140/145x80
BUZ 5040	50/55x40	BUZ 140100	140/145x100
BUZ 5050	50/55x50	BUZ 14560	145/150x60
BUZ 5060	50/55x60	BUZ 14580	145/150x80
BUZ 5530	55/60x30	BUZ 145100	145/150x100
BUZ 5540	55/60x40	BUZ 15060	150/155x60
BUZ 5550	55/60x50	BUZ 15080	150/155x80
BUZ 5560	55/60x60	BUZ 15090	150/155x90
BUZ 6030	60/65x30	BUZ 15560	155/160x60
BUZ 6050	60/65x50	BUZ 15580	155/160x80
BUZ 6060	60/65x60	BUZ 15590	155/160x90
BUZ 6530	65/70x30	BUZ 16060	160/165x60
BUZ 6540	65/70x40	BUZ 16080	160/165x80
BUZ 6550	65/70x50	BUZ 160100	160/165x100
BUZ 6560	65/70x60	BUZ 16560	165/170x60
BUZ 7030	70/75x30	BUZ 16580	165/170x80
BUZ 7040	70/75x40	BUZ 165100	165/170x100
BUZ 7050	70/75x50	BUZ 17060	170/175x60
BUZ 7060	70/75x60	BUZ 17080	170/175x80
BUZ 7080	70/75x80	BUZ 170100	170/175x100
BUZ 7530	75/80x30	BUZ 17560	175/180x60
BUZ 7540	75/80x40	BUZ 17580	175/180x80
BUZ 7550	75/80x50	BUZ 175100	175/180x100
BUZ 7560	75/80x60		
BUZ 8040	80/85x40		
BUZ 8050	80/85x50		
BUZ 8060	80/85x60		
BUZ 8080	80/85x80		
BUZ 8540	85/90x40		
BUZ 8550	85/90x50		
BUZ 8560	85/90x60		
BUZ 8580	85/90x80		
BUZ 9040	90/95x40		
BUZ 9050	90/95x50		
BUZ 9060	90/95x60		
BUZ 9080	90/95x80		
BUZ 9550	95/100x50		
BUZ 9560	95/100x60		
BUZ 9580	95/100x80		
BUZ 9590	95/100x90		

BUA, BUS

BUA Thrust washer



BUS Strips



Art. Nr.	d / D x t	Art. Nr.	B x L x t
BUA 10/1	10/20x1,5	BUS 10240	245 x 500 x 1,0
BUA 12/1	12/24x1,5	BUS 15240	245 x 500 x 1,5
BUA 14/1	14/26x1,5	BUS 20240	245 x 500 x 2,0
BUA 16/1	16/30x1,5	BUS 25240	245 x 500 x 2,5
BUA 18/1	18/32x1,5	BUS 30240	245 x 500 x 3,0
BUA 20/1	20/36x1,5		
BUA 22/1	22/38x1,5		
BUA 24/1	24/42x1,5		
BUA 26/1	26/44x1,5		
BUA 28/1	28/48x1,5		
BUA 32/1	32/54x1,5		
BUA 38/1	38/62x1,5		
BUA 42/1	42/66x1,5		
BUA 48/2	48/74x2		
BUA 52/2	52/78x2		
BUA 62/2	62/90x2		