

BIV-MET® is a registered trademark of GLT-GleitLagerTechnik® GmbH

# BIV-MET® / A



WRAPPED COMPOSITE SLIDING BEARING, STEEL/ALUMINIUM ALLOY,  
LUBRICATIONS POCKETS, HEAVY-MAINTENANCE



# BIV-MET®/A

Wrapped composite sliding bearing steel / aluminium alloy • Maintenance-bound  
DIN 1494 / ISO 3547

We produce all special  
designs at short notice!

BIZ/A Cylindrical  
bushing  
BIA/A Thrust washer  
BIS/A Strips

<b>PROPERTIES</b>	For high sliding speeds, excellent sliding behaviour with good lubricant supply.
<b>MATERIALS</b> Support material Sliding layer	Steel tin-plated AlSn20Cu
<b>MATERIAL PROPERTIES</b> Specific load capacity static Specific load capacity dynamic Sliding speed Friction value Temperature strain Max. Pv - value	<p>≤ 100 [ N/mm<sup>2</sup> ]</p> <p>≤ 70 [ N/mm<sup>2</sup> ]</p> <p>≤ 25 [ m/s ]</p> <p>0,08 to 0,17 [ μ ] depending on lubrication</p> <p>-10 to +200 [ °C ]</p> <p>6,0 [ N/mm<sup>2</sup> x m/s ]</p>
<b>TOLERANCE DETAILS</b> Housing - Ø Bushing-inner - Ø after mounting Shaft tolerance	<p>H7</p> <p>H9</p> <p>f7</p>
<b>SHAFT MATERIAL</b>	Steel, hardened or untempered, surface roughness ≤ Rz 6,3
<b>MOUNTING ADVISE</b> Housing Shaft Force fitting mandrel	<p>Mounting bevel, min. 1,5 mm x 15-45°</p> <p>Mounting bevel, 5 mm x 15°, edges rounded</p> <p>The application of an adequate force fitting mandrel is advisable. Grease lubrication of the outer surface may be necessary when mounting.</p>
<b>MAINTENANCE</b>	BIV-MET®/A is a maintenance-bound composite sliding bearing. Oil- or grease lubrication is necessary.

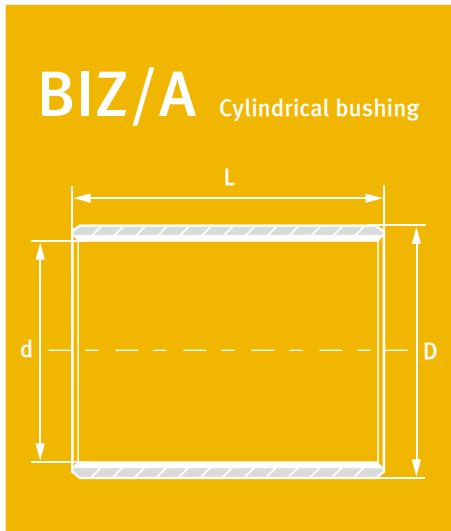


Cylindrical bushing, thrust washer and strips are standard fabrication.

Flanged bushings, punchings and moldings are produced on customers' requirement.

# BIZ/A

Also available in inch sizes!

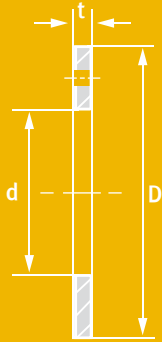


Art. Nr.	d / d / L	Art. Nr.	d / d / L
BIZ/A 1010	10/12x10	BIZ/A 3020	30/34x20
BIZ/A 1015	10/12x15	BIZ/A 3025	30/34x25
BIZ/A 1020	10/12x20	BIZ/A 3030	30/34x30
BIZ/A 1210	12/14x10	BIZ/A 3040	30/34x40
BIZ/A 1215	12/14x15	BIZ/A 3215	32/36x15
BIZ/A 1220	12/14x20	BIZ/A 3220	32/36x20
BIZ/A 1410	14/16x10	BIZ/A 3225	32/36x25
BIZ/A 1415	14/16x15	BIZ/A 3230	32/36x30
BIZ/A 1420	14/16x20	BIZ/A 3240	32/36x40
BIZ/A 1510	15/17x10	BIZ/A 3520	35/39x20
BIZ/A 1515	15/17x15	BIZ/A 3525	35/39x25
BIZ/A 1520	15/17x20	BIZ/A 3530	35/39x30
BIZ/A 1610	16/18x10	BIZ/A 3540	35/39x40
BIZ/A 1615	16/18x15	BIZ/A 3550	35/39x50
BIZ/A 1620	16/18x20	BIZ/A 3820	38/42x20
BIZ/A 1810	18/20x10	BIZ/A 3825	38/42x25
BIZ/A 1815	18/20x15	BIZ/A 3830	38/42x30
BIZ/A 1820	18/20x20	BIZ/A 3840	38/42x40
BIZ/A 1825	18/20x25	BIZ/A 3850	38/42x50
BIZ/A 2010	20/23x10	BIZ/A 4020	40/44x20
BIZ/A 2015	20/23x15	BIZ/A 4025	40/44x25
BIZ/A 2020	20/23x20	BIZ/A 4030	40/44x30
BIZ/A 2025	20/23x25	BIZ/A 4040	40/44x40
BIZ/A 2210	22/25x10	BIZ/A 4050	40/44x50
BIZ/A 2215	22/25x15	BIZ/A 4520	45/50x20
BIZ/A 2220	22/25x20	BIZ/A 4525	45/50x25
BIZ/A 2225	22/25x25	BIZ/A 4530	45/50x30
BIZ/A 2410	24/27x10	BIZ/A 4540	45/50x40
BIZ/A 2415	24/27x15	BIZ/A 4550	45/50x50
BIZ/A 2420	24/27x20	BIZ/A 5030	50/55x30
BIZ/A 2430	24/27x30	BIZ/A 5040	50/55x40
		BIZ/A 5050	50/55x50
		BIZ/A 5060	50/55x60
		BIZ/A 5530	55/60x30
		BIZ/A 5540	55/60x40
		BIZ/A 5550	55/60x50
		BIZ/A 5560	55/60x60
		BIZ/A 6030	60/65x30
		BIZ/A 6050	60/65x50
		BIZ/A 6060	60/65x60
		BIZ/A 6530	65/70x30
		BIZ/A 6540	65/70x40
		BIZ/A 6550	65/70x50
		BIZ/A 6560	65/70x60
		BIZ/A 7030	70/75x30
		BIZ/A 7040	70/75x40
		BIZ/A 7050	70/75x50
		BIZ/A 7060	70/75x60
		BIZ/A 7080	70/75x80
		BIZ/A 7530	75/80x30
		BIZ/A 7540	75/80x40
		BIZ/A 7550	75/80x50
		BIZ/A 7560	75/80x60
		BIZ/A 8040	80/85x40
		BIZ/A 8050	80/85x50
		BIZ/A 8060	80/85x60
		BIZ/A 8080	80/85x80
		BIZ/A 8540	85/90x40
		BIZ/A 8550	85/90x50
		BIZ/A 8560	85/90x60
		BIZ/A 8580	85/90x80
		BIZ/A 9040	90/95x40
		BIZ/A 9050	90/95x50
		BIZ/A 9060	90/95x60
		BIZ/A 9080	90/95x80
		BIZ/A 9550	95/100x50
		BIZ/A 9560	95/100x60
		BIZ/A 9580	95/100x80
		BIZ/A 9590	95/100x90
		BIZ/A 10050	100/105x50
		BIZ/A 10060	100/105x60
		BIZ/A 10080	100/105x80
		BIZ/A 10090	100/105x90

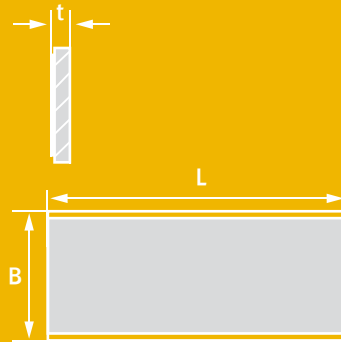
# BIA/A, BIS/A

Also available in inch sizes!

## BIA/A Thrust washer



## BIS/A Strips



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