



FER-MET sliding bearing

Types

FMZ

TECHNICAL DATA

Description	Wrapped steel bearing, inner and outer tension bushing. DIN 1498 / 1499
Properties	Extremely high load capacity, very wear-resistant, also suitable for heavy operational demands with impact load.
Material	Spring steel 55Si7, alternatively C67 or similar.

GEOMETRIE

Form E	Without bevel at inner diameter
Form F	With bevel at inner diameter
Form G	Straight slot
Form P	Arrowheaded slot
Form S	Slant slot

TOLERANCE DETAILS

Housing Bushing inner - Ø after mounting Shaft tolerance	H8 According to DIN 1498/1499 Specified by the customer.
Shaft material	Hardened steel, C45 recommended

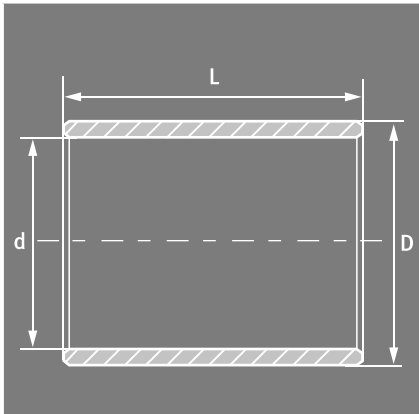
MOUNTING ADVISE

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	Sufficient lubrication is necessary.

FER-MET is available only as cylindrical bushing! All special designs are available at short notice!

Additional lubrication slots or lubrication drills on demand!

FMZ = Cylindrical bushing



		LHG description	d x D x L	LHG description	d x D x L
		FMZ209-222828	22/28x28	FMZ209-607050	60/70x50
		FMZ209-253214	25/32x14	FMZ209-607070	60/70x70
		FMZ209-253220	25/32x20	FMZ209-6070100	60/70x100
		FMZ209-253228	25/32x28	FMZ209-657525	65/75x25
		FMZ209-253240	25/32x40	FMZ209-657550	65/75x50
		FMZ209-253514	25/35x14	FMZ209-657570	65/75x70
		FMZ209-253520	25/35x20	FMZ209-6575100	65/75x100
		FMZ209-253528	25/35x28	FMZ209-658025	65/80x25
		FMZ209-253540	25/35x40	FMZ209-658050	65/80x50
		FMZ209-283514	28/35x14	FMZ209-658070	65/80x70
		FMZ209-283520	28/35x20	FMZ209-6580100	65/80x100
		FMZ209-283528	28/35x28	FMZ209-708525	70/85x25
		FMZ209-283540	28/35x40	FMZ209-708550	70/85x50
		FMZ209-303818	30/38x18	FMZ209-708570	70/85x70
		FMZ209-303825	30/38x25	FMZ209-7085100	70/85x100
		FMZ209-303836	30/38x36	FMZ209-759025	75/90x25
		FMZ209-303850	30/38x50	FMZ209-759050	75/90x50
		FMZ209-304018	30/40x18	FMZ209-759070	75/90x70
		FMZ209-304025	30/40x25	FMZ209-7590100	75/90x100
		FMZ209-304036	30/40x36	FMZ209-809540	80/95x40
		FMZ209-304050	30/40x50	FMZ209-809560	80/95x60
		FMZ209-324018	32/40x18	FMZ209-8095100	80/95x100
		FMZ209-324025	32/40x25	FMZ209-8095120	80/95x120
		FMZ209-324036	32/40x36	FMZ209-8510040	85/100x40
		FMZ209-324050	32/40x50	FMZ209-8510060	85/100x60
		FMZ209-364518	36/45x18	FMZ209-85100100	85/100x100
		FMZ209-364525	36/45x25	FMZ209-85100120	85/100x120
		FMZ209-364536	36/45x36	FMZ209-9010545	90/105x45
		FMZ209-364550	36/45x50	FMZ209-9010560	90/105x60
		FMZ209-405020	40/50x20	FMZ209-90105100	90/105x100
		FMZ209-405040	40/50x40	FMZ209-90105120	90/105x120
		FMZ209-405060	40/50x60	FMZ209-9511045	95/110x45
		FMZ209-405080	40/50x80	FMZ209-9511060	95/110x60
		FMZ209-455522	45/55x22	FMZ209-95110100	95/110x100
		FMZ209-455540	45/55x40	FMZ209-95110120	95/110x120
		FMZ209-455560	45/55x60	FMZ209-10011545	100/115x45
		FMZ209-455580	45/55x80	FMZ209-10011560	100/115x60
		FMZ209-506025	50/60x25	FMZ209-100115100	100/115x100
		FMZ209-506050	50/60x50	FMZ209-100115120	100/115x120
		FMZ209-506070	50/60x70	FMZ209-10512050	105/120x50
		FMZ209-5060100	50/60x100	FMZ209-10512080	105/120x80
		FMZ209-556525	55/65x25	FMZ209-105120100	105/120x100
		FMZ209-556550	55/65x50	FMZ209-105120140	105/120x140
		FMZ209-556580	55/65x80	FMZ209-11012550	110/125x50
		FMZ209-5565100	55/65x100	FMZ209-11012580	110/125x80
		FMZ209-607025	60/70x25	FMZ209-110125100	110/125x100



FMZ = Cylindrical bushing

LHG description	d / D x L	LHG description	d / D x L
FMZ209-110125140	110/125x140	FMZ209-155175100	155/175x100
FMZ209-11513050	115/130x50	FMZ209-155175160	155/175x160
FMZ209-11513080	115/130x80	FMZ209-155175200	155/175x200
FMZ209-115130100	115/130x100	FMZ209-16018070	160/180x70
FMZ209-115130140	115/130x140	FMZ209-160180100	160/180x100
FMZ209-12013550	120/135x50	FMZ209-160180160	160/180x160
FMZ209-12013580	120/135x80	FMZ209-160180200	160/180x200
FMZ209-120135100	120/135x100	FMZ209-17019080	170/190x80
FMZ209-120135140	120/135x140	FMZ209-170190110	170/190x110
FMZ209-12514050	125/140x50	FMZ209-170190160	170/190x160
FMZ209-12514080	125/140x80	FMZ209-170190200	170/190x200
FMZ209-125140100	125/140x100	FMZ209-17519580	175/195x80
FMZ209-125140140	125/140x140	FMZ209-175195110	175/195x110
FMZ209-13014550	130/145x50	FMZ209-175195160	175/195x160
FMZ209-13014580	130/145x80	FMZ209-175195200	175/195x200
FMZ209-130145100	130/145x100	FMZ209-18020080	180/200x80
FMZ209-130145140	130/145x140	FMZ209-180200110	180/200x110
FMZ209-13515060	135/150x60	FMZ209-180200160	180/200x160
FMZ209-13515080	135/150x80	FMZ209-180200200	180/200x200
FMZ209-135150110	135/150x110		
FMZ209-135150160	135/150x160		
FMZ209-14015560	140/155x60		
FMZ209-14015580	140/155x80		
FMZ209-140155110	140/155x110		
FMZ209-140155160	140/155x160		
FMZ209-14516060	145/160x60		
FMZ209-14516080	145/160x80		
FMZ209-145160110	145/160x110		
FMZ209-145160160	145/160x160		
FMZ209-15016570	150/165x70		
FMZ209-150165100	150/165x100		
FMZ209-150165160	150/165x160		
FMZ209-150165200	150/165x200		
FMZ209-15517570	155/175x70		