

# FER-SINT®



MAINTENANCE-FREE STEEL SLIDING BEARING  
WITH SPECIAL-BRONZE-LAYER



# FER-SINT® sliding bearing

Solid, dressed to size steel sliding bearing with special-bronze-layer at inner diameter • Maintenance-free

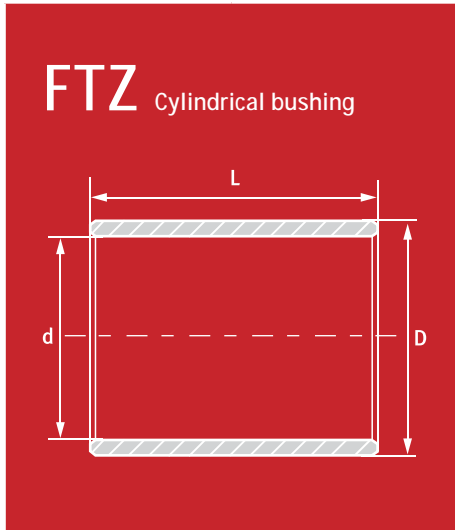
FTZ Cylindrical bushing  
FTB Flanged bushing

<b>PROPERTIES</b>	Suitable for impact- and vibration-applications, good embedding ability of dirt particles, good length of life, very good for linear motions, maintenance-free, narrow tolerances possible. maintenance-free.
<b>MATERIALS</b>	Standard material: St 44 / special-bronze; (CK 45 / special-bronze)
<b>MATERIAL PROPERTIES *</b> Specific load capacity static Specific load capacity dynamic Sliding speed Friction value Temperature strain Max. Pv - value	$\leq 75$ [ N/mm <sup>2</sup> ] $\leq 25$ [ N/mm <sup>2</sup> ] $< 1,2$ [ m/s ] 0,04 - 0,15 [ $\mu$ ] -40 - +250 [ C° ] 1,6 [ N/mm <sup>2</sup> x m/s ] lubricated: $\leq 2,4$
<b>TOLERANCE DETAILS</b> Housing – Ø Shaft tolerance	H7 f7
<b>SHAFT MATERIAL</b>	Hardened steel
<b>MOUNTING ADVICE</b> 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.
<b>MAINTENANCE</b>	Sufficient lubrication is not necessary. FER-SINT® is a self-lubricating and maintenance-free sliding bearing.

\* The above stated material properties are valid for optimal operating conditions. Through changes of the application conditions e.g. higher sliding speed or strain, these values are subject to change.

No stock of this bearing type, all sizes will be produced order related. Special dimensions on request.

# FTZ



LHG description	d / D x L
FTZ852-303812	30/38x12
FTZ852-303815	30/38x15
FTZ852-303820	30/38x20
FTZ852-303825	30/38x25
FTZ852-303830	30/38x30
FTZ852-303835	30/38x35
FTZ852-303840	30/38x40
FTZ852-303850	30/38x50
FTZ852-303860	30/38x60
FTZ852-304012	30/40x12
FTZ852-304015	30/40x15
FTZ852-304020	30/40x20
FTZ852-304025	30/40x25
FTZ852-304030	30/40x30
FTZ852-304035	30/40x35
FTZ852-304040	30/40x40
FTZ852-304050	30/40x50
FTZ852-304060	30/40x60
FTZ852-314030	31,5/40x30
FTZ852-314040	31,5/40x40
FTZ852-324220	32/42x20
FTZ852-324230	32/42x30
FTZ852-324240	32/42x40
FTZ852-354420	35/44x20
FTZ852-354425	35/44x25
FTZ852-354430	35/44x30
FTZ852-354435	35/44x35
FTZ852-354440	35/44x40
FTZ852-354450	35/44x50
FTZ852-354460	35/44x60
FTZ852-354520	35/45x20
FTZ852-354525	35/45x25
FTZ852-354530	35/45x30
FTZ852-354535	35/45x35
FTZ852-354540	35/45x40

LHG description	d / D x L	LHG description	d / D x L
FTZ852-354550	35/45x50	FTZ852-506240	50/62x40
FTZ852-354560	35/45x60	FTZ852-506250	50/62x50
FTZ852-384840	38/48x40	FTZ852-506260	50/62x60
FTZ852-405015	40/50x15	FTZ852-506270	50/62x70
FTZ852-405020	40/50x20	FTZ852-506530	50/65x30
FTZ852-405025	40/50x25	FTZ852-506540	50/65x40
FTZ852-405030	40/50x30	FTZ852-506550	50/65x50
FTZ852-405035	40/50x35	FTZ852-506560	50/65x60
FTZ852-405040	40/50x40	FTZ852-506570	50/65x70
FTZ852-405050	40/50x50	FTZ852-506580	50/65x80
FTZ852-405060	40/50x60	FTZ852-5065100	50/65x100
FTZ852-405070	40/50x70	FTZ852-557030	55/70x30
FTZ852-405080	40/50x80	FTZ852-557035	55/70x35
FTZ852-405515	40/55x15	FTZ852-557040	55/70x40
FTZ852-405530	40/55x30	FTZ852-557050	55/70x50
FTZ852-405535	40/55x35	FTZ852-557060	55/70x60
FTZ852-405540	40/55x40	FTZ852-557070	55/70x70
FTZ852-405550	40/55x50	FTZ852-607430	60/74x30
FTZ852-405560	40/55x60	FTZ852-607435	60/74x35
FTZ852-455530	45/55x30	FTZ852-607440	60/74x40
FTZ852-455535	45/55x35	FTZ852-607450	60/74x50
FTZ852-455540	45/55x40	FTZ852-607460	60/74x60
FTZ852-455550	45/55x50	FTZ852-607470	60/74x70
FTZ852-455560	45/55x60	FTZ852-607480	60/74x80
FTZ852-455630	45/56x30	FTZ852-607530	60/75x30
FTZ852-455635	45/56x35	FTZ852-607535	60/75x35
FTZ852-455640	45/56x40	FTZ852-607540	60/75x40
FTZ852-455650	45/56x50	FTZ852-607550	60/75x50
FTZ852-455660	45/56x60	FTZ852-607560	60/75x60
FTZ852-456030	45/60x30	FTZ852-607570	60/75x70
FTZ852-456035	45/60x35	FTZ852-607580	60/75x80
FTZ852-456040	45/60x40	FTZ852-6075100	60/75x100
FTZ852-456050	45/60x50	FTZ852-637560	63/75x60
FTZ852-456060	45/60x60	FTZ852-637570	63/75x70
FTZ852-456070	45/60x70	FTZ852-637580	63/75x80
FTZ852-456080	45/60x80	FTZ852-658040	65/80x40
FTZ852-506020	50/60x20	FTZ852-658050	65/80x50
FTZ852-506030	50/60x30	FTZ852-658060	65/80x60
FTZ852-506035	50/60x35	FTZ852-658070	65/80x70
FTZ852-506040	50/60x40	FTZ852-658080	65/80x80
FTZ852-506050	50/60x50	FTZ852-708530	70/85x30
FTZ852-506060	50/60x60	FTZ852-708535	70/85x35
FTZ852-506070	50/60x70	FTZ852-708540	70/85x40
FTZ852-506080	50/60x80	FTZ852-708550	70/85x50
FTZ852-506230	50/62x30	FTZ852-708560	70/85x60
FTZ852-506235	50/62x35	FTZ852-708570	70/85x70

