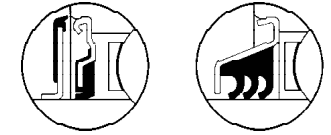
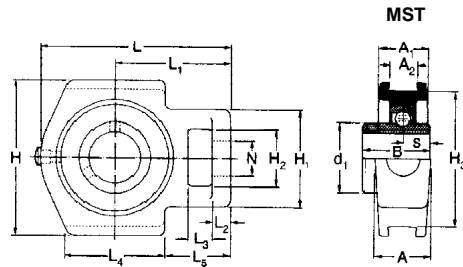


MST SERIES



Bearing inserts with flinger seals shown on pages 91 and 92 can be fitted into these housings. The unit reference has the suffix 'FS', e.g. MST35FS.

Triple seal bearing inserts shown on pages 88 to 90 can be fitted into these housings. The unit reference has a prefix 'T', e.g. TMST35.

Shaft diameter	RHP designation	Basic bearing insert	Casting group	Dimensions							H	H ₁	
				L	L ₁	L ₂	L ₃	L ₄	L ₅				
mm	inches			mm inches									
25	MST25 MST1	1030	1	115,5 4-547	71,7 2-823	12,5 -492	16,5 -650	64,5 2-539	43,0 1-693	101,5 3-996	64,5 2-539		
30	MST30 MST1 ^{3/16} MST1 ^{1/4} **	1035	2	124,0 4-882	75,5 2-972	12,5 -492	16,5 -650	64,5 2-539	43,0 1-693	101,5 3-996	64,5 2-539		
35	MST35 MST1 ^{3/8} MST1 ^{7/16} MST1 ^{1/2}	1040	3	143,5 5-650	89,2 3-512	15,5 -610	20,5 -807	81,5 3-209	50,5 1-988	118,0 4-646	82,5 3-248		
40	MST40 MST1 ^{1/2}	1045	4	147,0 5-787	89,2 3-512	15,5 -610	20,5 -807	81,5 3-209	50,5 1-988	118,0 4-646	82,5 3-248		
45	MST45 MST1 ^{11/16} MST1 ^{3/4} MST1 ^{7/8}	1050	5	151,0 5-945	90,5 3-563	15,5 -610	20,5 -807	81,5 3-209	50,5 1-988	118,0 4-646	82,5 3-248		
50	MST50 MST1 ^{7/8} MST1 ^{15/16} MST1 ² **	1055	6	182,0 7-165	114,0 4-488	19,0 -748	32,0 1-260	97,5 3-839	70,0 2-756	146,0 5-748	101,0 3-976		
55	MST55 MST2 ^{3/16} MST2 ^{1/4} **	1060	7	192,0 7-559	119,0 4-685	19,0 -748	32,0 1-260	97,5 3-839	70,0 2-756	146,0 5-748	101,0 3-976		
60	MST60 MST2 ^{7/16} MST2 ^{1/2} **	1070	8	222,5 8-760	137,5 5-413	21,5 -846	32,0 1-260	120,5 4-744	77,0 3-031	166,5 6-555	113,0 4-449		
65 70	MST65 MST70 MST2 ^{11/16} MST2 ^{3/4} **	1075	9	222,5 8-760	137,5 5-413	21,5 -846	32,0 1-260	120,5 4-744	77,0 3-031	166,5 6-555	113,0 4-449		
75	MST75 MST2 ^{15/16} MST3 **	1080	10	231,5 9-114	139,5 5-492	20,5 -807	32,0 1-260	125,0 4-921	74,0 2-913	184,0 7-244	113,0 4-449		
80	MST80 MST3 ^{3/16} MST3 ^{1/4} **	1085	11	260,5 10-256	162,0 6-378	28,5 1-122	38,0 1-496	140,0 5-512	90,5 3-562	198,5 7-815	124,0 4-882		
85 90	MST85 MST90 MST3 ^{7/16} MST3 ^{1/2} MST3 ^{3/4}	1090	12	270,0 10-630	165,0 6-496	28,5 1-122	38,0 1-496	152,5 6-004	90,0 3-543	216,0 8-504	127,0 5-000		
95 100	MST95 MST100 MST3 ^{15/16} MST4	3095	13	317,5 12-500	190,5 7-500	32,0 1-260	38,0 1-496	175,0 6-890	103,0 4-055	260,5 10-256	152,5 6-004		

H ₂	H ₃	N	A	A ₁	A ₂	B	s	d _t	ISO load ratings		Rec. max. speed	Mass (approx.)
									dynamic C _r	static C _{or}		
mm	inches								newtons lbf	newtons lbf	rev/ min	kg lb
37,5 1-476	89,0 3-504	22,5 -886	36,5 1-437	30,0 1-181	13,50 -531	38,10 1-500	15,93 -627	40,00 1-575	19500 4380	11300 2540	5300	1,6 3-5
37,5 1-476	89,0 3-504	22,5 -886	36,5 1-437	30,0 1-181	13,50 -531	42,88 1-688	17,53 -690	46,69 1-838	25700 5780	15300 3440	4500	1,6 3-5
49,5 1-949	101,0 3-976	29,0 1-142	49,5 1-949	37,0 1-457	17,50 -689	49,23 1-938	19,10 -752	52,70 2-075	29100 6540	17900 4020	4000	2,7 6-0
49,5 1-949	101,0 3-976	29,0 1-142	49,5 1-949	37,0 1-457	17,50 -689	49,23 1-938	19,10 -752	57,30 2-256	32500 7310	20500 5220	3700	2,8 6-2
49,5 1-949	101,0 3-976	29,0 1-142	49,5 1-949	37,0 1-457	17,50 -689	51,59 2-031	19,10 -752	62,20 2-449	35000 7870	23200 5220	3400	2,8 6-2
64,0 2-520	130,0 5-118	35,0 1-378	63,5 2-500	46,5 1-831	27,00 1-063	55,55 2-187	22,28 -877	68,81 2-709	43500 9780	29200 6560	3100	4,2 9-3
64,0 2-520	130,0 5-118	35,0 1-378	63,5 2-500	46,5 1-831	27,00 1-063	65,07 2-562	25,45 1-002	73,34 2-966	52500 11800	35900 8070	2800	5,4 11-8
70,0 2-756	150,8 5-937	42,0 1-654	70,0 2-756	50,5 1-988	27,00 1-063	74,63 2-938	30,23 1-190	87,00 3-425	62000 13940	44000 9890	2450	7,9 17-5
70,0 2-756	150,8 5-937	42,0 1-654	70,0 2-756	50,5 1-988	27,00 1-063	77,77 3-062	33,37 1-314	92,00 3-622	66000 14840	49300 11080	2300	8,4 18-5
70,0 2-756	165,1 6-500	42,0 1-654	70,0 2-756	54,0 2-126	27,00 1-063	82,55 3-250	33,37 1-314	98,50 3-878	72500 16300	53000 11910	2150	9,0 19-9
73,0 2-874	173,0 6-811	47,5 1-870	79,5 3-130	68,5 2-697	46,05 1-813	85,72 3-375	34,18 1-346	106,02 4-174	83500 18770	63800 14340	2000	13,7 30-2
73,0 2-874	190,5 7-500	47,5 1-870	79,5 3-130	68,5 2-697	46,05 1-813	96,04 3-781	39,73 1-564	111,66 4-396	96000 21580	71500 16070	1900	16,8 37-0
85,5 3-366	235,0 9-252	54,5 2-146	98,5 3-878	82,5 3-248	55,55 2-187	117,48 4-625	49,27 1-940	130,43 5-135	143000 32150	110000 24730	1600	22,2 49-0

** For these bore sizes select from ST series (see page 56)

Please check availability