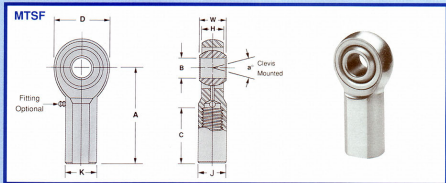


# MTSF SERIES

3 PIECE, METAL-TO-METAL  
FEMALE ROD ENDS

# HIJ



PART NO.		DIMENSIONS IN INCHES											Radial Static Load Cap. Lbs.	Approx. Brg. Wt. Lbs.
Right Hand	Left Hand	B + .0015 -.0005	W + .000 -.005	H ± .005	A ± .015	D ± .010	K ± .010	J ± .010	Ball Dia. Ref.	C + .002 -.031	Thread UNF-2B	a° Misalign. Angle		
MTSF3	MTSFL3	.1900	.312	.250	1.062	.625	.406	.312	.437	.562	10-32	13	1.531	.038
MTSF4	MTSFL4	.2500	.375	.281	1.312	.750	.469	.375	.500	.750	1/4-28	16	2.539	.059
MTSF5	MTSFL5	.3125	.437	.344	1.375	.875	.500	.437	.625	.750	5/16-24	14	3.133	.092
MTSF6	MTSFL6	.3750	.500	.405	1.625	1.000	.687	.562	.719	.937	3/8-24	12	3.915	.152
MTSF7	MTSFL7	.4375	.562	.437	1.812	1.125	.750	.625	.812	1.062	7/16-20	14	4.218	.198
MTSF8	MTSFL8	.5000	.625	.500	2.125	1.312	.875	.750	.937	1.187	1/2-20	12	6.660	.329
MTSF10	MTSFL10	.6250	.750	.562	2.500	1.500	1.000	.875	1.125	1.500	5/8-18	16	7.364	.477
MTSF12	MTSFL12	.7500	.875	.687	2.875	1.750	1.125	1.000	1.312	1.750	3/4-16	14	11.518	.723

PART NO.		DIMENSIONS IN MILLIMETERS											Radial Static Load Cap. Kilograms	Approx. Brg. Wt. Grams
Right Hand	Left Hand	B + .0381 -.0127	W + .000 -.127	H ± .127	A ± .381	D ± .254	K ± .254	J ± .254	Ball Dia. Ref.	C + 1.574 -.787	Thread UNF-2B	a° Misalign. Angle		
MTSF3	MTSFL3	4.83	7.92	6.35	26.97	15.88	10.31	7.92	11.10	14.27	10-32	13	694	17
MTSF4	MTSFL4	6.35	9.53	7.14	33.32	19.05	11.91	9.53	12.70	19.05	1/4-28	16	1,152	27
MTSF5	MTSFL5	7.94	11.10	8.74	34.93	22.23	12.70	11.10	15.88	19.05	5/16-24	14	1,421	42
MTSF6	MTSFL6	9.53	12.70	10.31	41.28	25.40	17.45	14.27	18.26	23.80	3/8-24	12	1,776	69
MTSF7	MTSFL7	11.11	14.27	11.10	46.02	28.58	19.05	15.88	20.62	26.97	7/16-20	14	1,913	90
MTSF8	MTSFL8	12.70	15.88	12.70	53.98	33.32	22.23	19.05	23.80	30.15	1/2-20	12	3,021	149
MTSF10	MTSFL10	15.88	19.05	14.27	63.50	38.10	25.40	22.23	28.58	38.10	5/8-18	16	3,340	216
MTSF12	MTSFL12	19.05	22.23	17.45	73.03	44.45	28.58	25.40	33.32	44.45	3/4-16	14	5,225	328

## MATERIALS

BALL	RACE	BODY
52100 STEEL R/C 56 M/N. HARD CHROME PLATED	STEEL ALLOY HEAT TREATED ZINC PLATED. CHROMATE TREATED	LOW CARBON STEEL ZINC PLATED. CHROMATE TREATED