



TFE... MK
TFE... MK MAG.
TFE... MK-2RS
TFE... MK-2RS MAG.

BALL JOINT ENDS

DIN 648, SERIE E FORMA B - ISO 6126
 WITH GREASE NIPPLE

COUPLING: STEEL/STEEL
 STEEL END C45



ARTICLE (*)	d	TOLERANCES		S	D4	I	D1	S1	L	L1	LF	F	LOAD FACTORS		RADIAL CLEARANCE	SWINGING ANGLE α	WEIGHT Kg.	
		d	S										Dynamic C _d	Static C _s				
		mm.																KN
TFE 6 MK (1)	6	0 ± -0.008	0 ± -0.12	6	8	36	21	4.3	46.5	12	18	M6X1	3.4	10.2	0.023-0.068	13	0.01	
TFE 8 MK (1)	8	0 ± -0.008	0 ± -0.12	8	10.2	42	24	6	54	14	22	M8X1.25	5.5	16	0.023-0.068	15	0.03	
TFE 10 MK (1)	10	0 ± -0.008	0 ± -0.12	9	13.2	48	29	7	62.5	15	27	M10X1.5	8.1	22	0.023-0.068	12	0.05	
TFE 12 MK (1)	12	0 ± -0.008	0 ± -0.12	10	15	54	34	8	71	19	30	M12X1.75	10.8	30.4	0.023-0.068	11	0.08	
TFE 15 MK (2)	15	0 ± -0.008	0 ± -0.12	12	18.4	63	40	10	83	20	34	M14X2	17	44.8	0.030-0.082	8	0.14	
TFE 17 MK (2)	17	0 ± -0.008	0 ± -0.12	14	20.7	69	46	11	92	23	36	M16X2	21.2	56.5	0.030-0.082	10	0.19	
TFE 20 MK (2)	20	0 ± -0.010	0 ± -0.12	16	24.1	78	53	13	104.5	27.5	43	M20X1.5	30	75.6	0.030-0.082	9	0.31	
TFE 25 MK	25	0 ± -0.010	0 ± -0.12	20	29.3	94	64	17	126	32	53	M24X2	48	88.2	0.037-0.100	7	0.56	
TFE 30 MK	30	0 ± -0.010	0 ± -0.12	22	34.2	110	73	19	146.5	37	65	M30X2	62	119	0.037-0.100	6	0.89	
TFE 35 MK-2RS	35	0 ± -0.012	0 ± -0.12	25	39.7	140	82	21	181	43	82	M36X3	80	159	0.037-0.100	6	1.40	
TFE 40 MK-2RS	40	0 ± -0.012	0 ± -0.12	28	45	150	92	23	196	48	86	M39X3	100	194	0.043-0.120	7	1.80	
TFE 45 MK-2RS	45	0 ± -0.012	0 ± -0.12	32	50.7	163	102	27	218	52	94	M42X3	127	259	0.043-0.120	7	2.60	
TFE 50 MK-2RS	50	0 ± -0.012	0 ± -0.12	35	56	185	112	30	241	60	106	M45X3	156	313	0.043-0.120	6	3.40	
TFE 60 MK-2RS	60	0 ± -0.015	0 ± -0.15	44	66.8	210	135	38	277.5	75	115	M52X3	245	485	0.043-0.120	6	5.90	
TFE 70 MK-2RS	70	0 ± -0.015	0 ± -0.15	49	77.8	235	160	42	315	87	125	M56X4	315	564	0.055-0.142	6	8.20	
TFE 80 MK-2RS	80	0 ± -0.015	0 ± -0.15	55	89.4	270	180	47	360	100	140	M64X4	400	689	0.055-0.142	6	13.10	
HIGHER THREAD VERSION																		
TFE 40 MK-2RS MAG.	40	0 ± -0.012	0 ± -0.12	28	45	150	92	23	196	48	86	M42X3	100	180	0.043-0.120	7	1.85	
TFE 45 MK-2RS MAG.	45	0 ± -0.012	0 ± -0.12	32	50.7	163	102	27	218	52	94	M45X3	127	240	0.043-0.120	7	2.66	
TFE 50 MK-2RS MAG.	50	0 ± -0.012	0 ± -0.12	35	56	185	112	30	241	60	106	M52X3	156	290	0.043-0.120	6	4.00	
TFE 60 MK-2RS MAG.	60	0 ± -0.015	0 ± -0.15	44	66.8	210	135	38	277.5	75	115	M60X4	245	450	0.043-0.120	6	6.70	
TFE 70 MK-2RS MAG.	70	0 ± -0.015	0 ± -0.15	49	77.8	235	160	42	315	87	125	M72X4	315	610	0.055-0.142	6	8.38	
TFE 80 MK-2RS MAG.	80	0 ± -0.015	0 ± -0.15	55	89.4	271	180	47	360	100	140	M80X4	400	750	0.055-0.142	6	15.00	

(1) Non lubricatable. (2) Lubricatable by a lubrication opening on the head.

(*) When requiring a left-end threading, add the letter "L" in the article code, e.g. TFE... L. Availability and prices upon request.