



TS... N

BALL JOINT ENDS

DIN 648, E- SERIES
WITH GREASE NIPPLE

COUPLING: STEEL/STEEL



ARTICLE	d	TOLERANCES		S	D2	I	D1	S1	L	LOAD FACTORS		RADIAL CLEARANCE	SWINGING ANGLE α	WEIGHT Kg.
		d	S							Dynamic C	Static Co			
		mm.												
TS 15 N	15	0 \pm -0.008	0 \pm -0.12	12	18.4	31	45	16	53.5	17	53	0.022 - 0.082	8	0.22
TS 16 N	16	0 \pm -0.008	0 \pm -0.12	14	20.7	35	48	17.5	59	21.2	59	0.025 - 0.082	10	0.29
TS 17 N	17	0 \pm -0.008	0 \pm -0.12	14	20.7	35	48	17.5	59	21.2	65	0.025 - 0.082	10	0.29
TS 20 N	20	0 \pm -0.010	0 \pm -0.12	16	24.1	38	50	19	63	30	67	0.030 - 0.082	9	0.36
TS 25 N	25	0 \pm -0.010	0 \pm -0.12	20	29.3	45	55	23	72.5	48	69.5	0.037 - 0.100	7	0.53
TS 30 N	30	0 \pm -0.010	0 \pm -0.12	22	34.2	51	65	28	83.5	62	118	0.037 - 0.100	6	0.85
TS 35 N	35	0 \pm -0.012	0 \pm -0.12	25	39.7	61	83	30	102.5	80	196	0.037 - 0.100	6	1.50
TS 40 N	40	0 \pm -0.012	0 \pm -0.12	28	45	69	100	35	119	100	305	0.043 - 0.120	7	2.42
TS 45 N	45	0 \pm -0.012	0 \pm -0.12	32	50.7	77	110	40	132	127	386	0.043 - 0.120	7	3.39
TS 50 N	50	0 \pm -0.012	0 \pm -0.12	35	56	88	123	40	149.5	156	441	0.043 - 0.120	6	4.24
TS 60 N	60	0 \pm -0.015	0 \pm -0.15	44	66.8	100	140	50	170	245	570	0.043 - 0.120	6	7.10
TS 70 N	70	0 \pm -0.015	0 \pm -0.15	49	77.8	115	164	55	197	315	724	0.055 - 0.142	6	10.70
TS 80 N	80	0 \pm -0.015	0 \pm -0.15	55	89.4	141	180	60	231	400	804	0.055 - 0.142	6	15.10
TS 90 N (1)	90	0 \pm -0.020	0 \pm -0.20	60	98.1	150	226	65	263	490	1340	0.055 - 0.142	5	23.40
TS 100 N (1)	100	0 \pm -0.020	0 \pm -0.20	70	109.5	170	250	70	295	610	1516	0.065 - 0.165	7	33.10
TS 110 N (1)	110	0 \pm -0.020	0 \pm -0.20	70	121.2	185	295	80	332.5	655	2340	0.065 - 0.165	6	48.50
TS 120 N (1)	120	0 \pm -0.020	0 \pm -0.20	85	135.5	210	360	90	390	950	3210	0.065 - 0.165	6	79.50

(*) Also suppliable in the spherical ball joint version with 2RS. Availability and prices upon request.

(1) Pantographed.

Possible to supply special rod ends with maintenance free spherical bearing.

(See the spherical bearings catalogue for series : SRB, SRT...-2RS, SRLB, SRLT...-2RS, SR...TGR, SR...TG3A...-2RS). These articles are available without grease nipples or lubrication holes.