



## TS... CE-N

BALL JOINT ENDS  
WITH GREASE NIPPLE

COUPLING: STEEL/STEEL



ARTICLE	d	TOLERANCES		S	D2	I	D1	S1	L	LOAD FACTORS		RADIAL CLEARANCE	SWINGING ANGLE $\alpha$	WEIGHT Kg.
		d	S							Dynamic C	Static Co			
		mm.												
TS 20 CE-N	20	0 + +0.021	0 + -0.021	20	25	38	50	19	63	30	74	0.030 - 0.082	4	0.36
TS 25 CE-N	25	0 + +0.021	0 + -0.021	25	30.5	45	55	23	72.5	48	95	0.037 - 0.100	4	0.54
TS 32 CE-N	32	0 + +0.025	0 + -0.025	32	38	65	70	27	103	62.5	168	0.037 - 0.100	4	1.12
TS 40 CE-N	40	0 + +0.025	0 + -0.025	40	46	69	100	35	119	100	268	0.043 - 0.120	4	2.50
TS 50 CE-N	50	0 + +0.025	0 + -0.025	50	57	88	123	40	149.5	156	362	0.043 - 0.120	4	4.60
TS 63 CE-N	63	0 + +0.030	0 + -0.030	63	71.5	107	145	50	178	248	570	0.055 - 0.142	4	9.30
TS 70 CE-N	70	0 + +0.030	0 + -0.030	70	79	115	164	55	197	315	800	0.055 - 0.142	4	11.25
TS 80 CE-N	80	0 + +0.030	0 + -0.030	80	91	141	180	60	231	400	874	0.055 - 0.142	4	15.75
TS 90 CE-N(1)	90	0 + +0.035	0 + -0.035	90	99	150	226	65	263	490	1045	0.055 - 0.142	4	24.00
TS 100 CE-N(1)	100	0 + +0.035	0 + -0.035	100	113	170	250	70	295	610	1330	0.065 - 0.165	4	33.95
TS 110 CE-N(1)	110	0 + +0.035	0 + -0.035	110	124	185	295	80	332.5	655	1490	0.065 - 0.165	4	49.00

(1) Pantographed