



## TS...C

BALL JOINT ENDS

DIN648, E- SERIES  
WITH GREASE NIPPLE  
COUPLING: STEEL/STEEL



ARTICLE (*)	d	TOLERANCES		S	D3	l	D1	D2	S1	L	L1	L2	D4	LOAD FACTORS		RADIAL CLEARANCE	SWINGING ANGLE $\alpha$	WEIGHT Kg.
		d	S											Dynamic $C$	Static $C_0$			
mm.														KN	mm.	degree		
TS 10 C (1)	10	0+-0.008	0+-0.12	9	13.2	24	29	15	7	38.5	15	2	3	8.15	15.6	0.023 - 0.068	12	0.04
TS 12 C (1)	12	0+-0.008	0+-0.12	10	15	27	34	17.5	8	44	18	2	3	10.8	21.6	0.023 - 0.068	11	0.06
TS 15 C (2)	15	0+-0.008	0+-0.12	12	18.4	31	40	21	10	51	20	2.5	4	17	32	0.030 - 0.082	8	0.12
TS 16 C (2)	16	0+-0.008	0+-0.12	14	20.7	35	46	24	11	58	23	3	4	19	36	0.030 - 0.082	9	0.17
TS 17 C (2)	17	0+-0.008	0+-0.12	14	20.7	35	46	24	11	58	23	3	4	21.2	40	0.030 - 0.082	10	0.18
TS 20 C (2)	20	0+-0.008	0+-0.12	16	24.1	38	53	27.5	13	64.5	27.5	3	4	30	54	0.030 - 0.082	9	0.26
TS 25 C	25	0+-0.010	0+-0.12	20	29.3	45	64	33.5	17	77	33	4	4	48	72	0.037 - 0.100	7	0.45
TS 30 C	30	0+-0.010	0+-0.12	22	34.2	51	73	40	19	87.5	37.5	4	4	62	95	0.037 - 0.100	6	0.67
TS 35 C	35	0+-0.010	0+-0.12	25	39.7	61	82	47	21	102	43	4	4	80	125	0.037 - 0.100	6	1.02
TS 40 C	40	0+-0.012	0+-0.12	28	45	69	92	52	23	115	48	5	4	100	156	0.043 - 0.120	7	1.40
TS 45 C	45	0+-0.012	0+-0.12	32	50.7	77	102	58	27	128	52	5	6	127	208	0.043 - 0.120	7	1.93
TS 50 C	50	0+-0.012	0+-0.12	35	56	88	112	62	30	144	59	6	6	156	250	0.043 - 0.120	6	2.69
TS 60 C	60	0+-0.012	0+-0.15	44	66.8	100	135	70	38	167.5	72.5	8	6	245	390	0.043 - 0.120	6	4.60
TS 70 C	70	0+-0.015	0+-0.15	49	77.8	115	160	80	42	195	86	10	6	315	510	0.055 - 0.142	6	7.00
TS 80 C	80	0+-0.015	0+-0.15	55	89.4	141	180	95	47	231	98	10	6	400	620	0.055 - 0.142	6	11.00

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

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

**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.**