



TAPR...S

BALL JOINT ENDS

DIN 24555 - ISO 8133
WITH GREASE NIPPLE
COUPLING: STEEL/STEEL



ARTICLE (*)	d	TOLERANCES		S										EDB	LOAD FACTORS		RADIAL CLEARANCE	SWINGING ANGLE α	SCREW K UNI 593 1	SCREWS CLOSING COUPLE Nm	WEIGHT Kg.	
		\pm	\pm												Dynamic Co	Static Co						KN
mm.																						
TAPR 12S (1)	12	0 \pm -0.008	0 \pm -0.12	10	15	42	35	40	8	13	58	16	17	15	M10X1.25	10.8	17	0.032-0.068	11	M 6X14	10	0.12
TAPR 16S (2)	16	0 \pm -0.008	0 \pm -0.12	14	20.7	48	45	45	11	13	69	20	21	17	M12X1.25	21.1	28.5	0.040-0.082	10	M 6X14	10	0.22
TAPR 20S (2)	20	0 \pm -0.010	0 \pm -0.12	16	24.1	58	55	55	13	17	83	28	25	19	M14X1.5	30	42.5	0.040-0.082	9	M 8X18	25	0.43
TAPR 25S	25	0 \pm -0.010	0 \pm -0.12	20	29.3	68	65	62	17	17	99	31	30	23	M16X1.5	48	67	0.050-0.100	7	M 8X18	25	0.67
TAPR 30S	30	0 \pm -0.010	0 \pm -0.12	22	34.2	85	80	77	19	19	123	35	36	29	M20X1.5	62	108	0.050-0.100	6	M10X20	49	1.25
TAPR 40S	40	0 \pm -0.012	0 \pm -0.12	28	45	105	100	90	23	23	153	45	45	37	M27X2	100	156	0.060-0.120	7	M10X25	49	2.16
TAPR 50S	50	0 \pm -0.012	0 \pm -0.12	35	56	130	120	105	30	30	188	58	55	46	M33X2	156	245	0.060-0.120	6	M12X30	86	3.90
TAPR 60S (3)	60	0 \pm -0.015	0 \pm -0.15	44	66.8	150	160	134	38	38	255	68	68	57	M42X2	245	380	0.060-0.120	6	M16X40	210	7.15
TAPR 80S (3)	80	0 \pm -0.015	0 \pm -0.15	55	89.4	185	205	156	47	47	282.5	82	90	64	M48X2	400	585	0.072-0.142	6	M20X50	410	15.00
TAPR 100S (3)	100	0 \pm -0.020	0 \pm -0.20	70	109.5	240	240	190	55	55	357.5	116	110	86	M64X3	610	865	0.085-0.165	6	M24X60	710	27.30

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

(3) Material: nodular cast iron.

(*) When requiring a left-end threading, replace on the article code the letter "R" with "L", e.g. TAPL...N. 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.