



## 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 $\alpha$	SCREW K UNI 593 1	SCREWS CLOSING COUPLE Nm	WEIGHT Kg.	
			$\delta$												Dynamic Co	Static Co						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.**