



## TAPR...U

BALL JOINT ENDS

WITH GREASE NIPPLE  
COUPLING: STEEL/STEEL



ARTICLE (*)	d	TOLERANCES		S	D4	I	D1	D2	S1	S2	L	L1	D3	LF	F	LOAD FACTORS		RADIAL CLEARANCE	SWINGING ANGLE $\alpha$	SCREW: K UNI 5931	SCREWS CLOSING COUPLE Nm	WEIGHT Kg.
		d	S													Dynamic C	Static Co					
TAPR 20 U	20	0+-0.010	0+-0.12	16	24.1	50	56	46	19	17	80	25	25	17	M 16X1,5	30	81.1	0.030-0.082	9	M 8X18	25	0.44
TAPR 25 U	25	0+-0.010	0+-0.12	20	29.3	50	56	46	23	21	80	28	25	17	M 16X1.5	48	72	0.037-0.100	7	M 8X20	25	0.47
TAPR 30 U	30	0+-0.010	0+-0.12	22	34.2	60	64	50	28	26	94	30	32	23	M 22X1.5	62	106	0.037-0.100	6	M 8X25	25	0.77
TAPR 35 U	35	0+-0.012	0+-0.12	25	39.7	70	78	66	30	28	112	38	40	29	M 28X1.5	80	153	0.037-0.100	6	M10X30	49	1.24
TAPR 40 U	40	0+-0.012	0+-0.12	28	45	85	94	76	35	33	135	45	49	36	M 35X1.5	100	250	0.043-0.120	7	M10X35	49	2.12
TAPR 50 U	50	0+-0.012	0+-0.12	35	56	105	116	90	40	37	168	55	61	46	M 45X1.5	156	365	0.043-0.120	6	M12X40	86	3.74
TAPR 60 U	60	0+-0.015	0+-0.15	44	66.8	130	130	120	50	46	200	65	75	59	M 58X1.5	245	400	0.043-0.120	6	M16X45	210	6.49
TAPR 70 U	70	0+-0.015	0+-0.15	49	77.8	150	154	130	55	51	232	75	86	66	M 65X1.5	315	540	0.055-0.142	6	M16X50	210	9.88
TAPR 80 U	80	0+-0.015	0+-0.15	55	89.4	170	176	160	60	55	265	80	105	81	M 80X2	400	670	0.055-0.142	6	M20X55	410	14.20
TAPR 90 U (1)	90	0+-0.012	0+-0.20	60	98.1	210	206	180	65	60	322	90	124	101	M100X2	490	980	0.055-0.142	5	M20X60	410	20.00
TAPR 100 U (1)	100	0+-0.012	0+-0.20	70	109.5	235	231	200	70	65	360	105	138	111	M110X2	610	1120	0.065-0.165	7	M24X65	710	27.50
TAPR 110 U (1)	110	0+-0.012	0+-0.20	70	121.2	265	266	220	80	74	407.5	115	152	125	M120X3	655	1700	0.065-0.165	6	M24X80	710	45.60
TAPR 120 U (1)	120	0+-0.012	0+-0.20	85	135.5	310	340	257	90	84	490	140	172	135	M130X3	950	2900	0.065-0.165	6	M24X85	710	72.00

(1) Material: nodular cast iron.

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

(\*) 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.**