



TAPR...N

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 α	WEIGHT Kg.
		d	S													Dynamic C_d	Static C_0			
		mm.																		
TAPR 20 N	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	0.45	9
TAPR 25 N	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	0.49	7
TAPR 30 N	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	0.76	6
TAPR 35 N	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	1.26	6
TAPR 40 N	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	2.15	7
TAPR 50 N	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	3.80	6
TAPR 60 N	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	6.20	6
TAPR 70 N	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	9.83	6
TAPR 80 N	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	13.97	6
TAPR 90 N (1)	90	0+-0.020	0+-0.20	60	98.1	210	206	180	65	60	322	90	124	101	M100X2	490	980	0.055 - 0.142	23.50	5
TAPR 100 N (1)	100	0+-0.020	0+-0.20	70	109.5	235	231	200	70	65	360	105	138	111	M110X2	610	1120	0.065 - 0.165	32.00	7
TAPR 110 N (1)	110	0+-0.020	0+-0.20	70	121.2	265	266	220	80	74	407	115	152	125	M120X3	655	1700	0.065 - 0.165	41.00	6
TAPR 120 N (1)	120	0+-0.020	0+-0.20	85	135.5	310	340	257	90	84	490	140	172	135	M130X3	950	2900	0.065 - 0.165	72.00	6

(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.