



## TAPR...CE

BALL JOINT ENDS

DIN 24338 - ISO 6982  
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					
		mm.																				
TAPR 12 CE (1)	12	0+/-0.018	0+/-0.18	12	15.5	38	32	32	11	15	54	14	16	17	M12 X1.25	10.8	24.5	0.023 - 0.068	4	M 5X16	6	0.11
TAPR 16 CE	16	0+/-0.018	0+/-0.18	16	20	44	40	40	13	15	64	20	21	19	M14 X1.5	17.6	36.5	0.030 - 0.082	4	M 6X14	10	0.20
TAPR 20 CE	20	0+/-0.021	0+/-0.21	20	25	52	47	47	17	19	75	22	25	23	M16 X1.5	30	48	0.030 - 0.082	4	M 8X20	25	0.35
TAPR 25 CE	25	0+/-0.021	0+/-0.21	25	30.5	65	58	54	22	19	96	27	30	29	M20 X1.5	48	78	0.037 - 0.100	4	M 8X20	25	0.62
TAPR 32 CE	32	0+/-0.025	0+/-0.25	32	38	80	71	66	28	22	118	32	38	37	M27 X2	67	114	0.037 - 0.100	4	M10X25	49	1.15
TAPR 40 CE	40	0+/-0.025	0+/-0.25	40	46	97	90	80	33	26	146	41	47	46	M33 X2	100	204	0.043 - 0.120	4	M10X30	49	2.18
TAPR 50 CE	50	0+/-0.025	0+/-0.25	50	57	120	109	96	41	32	179	50	58	57	M42 X2	156	310	0.043 - 0.120	4	M12X35	86	3.96
TAPR 63 CE	63	0+/-0.030	0+/-0.30	63	71.5	140	136	114	53	38	211	62	70	64	M48 X2	255	430	0.055 - 0.142	4	M16X40	210	6.80
TAPR 70 CE (2)	70	0+/-0.030	0+/-0.30	70	79	160	155	135	57	42	245	70	80	76	M56 X2	315	540	0.055 - 0.142	4	M16X40	210	9.60
TAPR 80 CE (2)	80	0+/-0.030	0+/-0.30	80	91	180	170	148	67	48	270	78	90	86	M64 X3	400	695	0.055 - 0.142	4	M20X50	410	13.00
TAPR 90 CE (2)	90	0+/-0.035	0+/-0.35	90	99	195	185	160	72	52	296	85	100	91	M72 X3	490	750	0.055 - 0.142	4	M20X60	410	19.10
TAPR 100 CE (2)	100	0+/-0.035	0+/-0.35	100	113	210	211	178	85	62	322	98	110	96	M80 X3	610	1060	0.065 - 0.165	4	M24X60	710	25.00
TAPR 110 CE (2)	110	0+/-0.035	0+/-0.35	110	124	235	235	190	88	62	364	105	125	106	M90 X3	655	1200	0.065 - 0.165	4	M24X60	710	32.00
TAPR 125 CE (2)	125	0+/-0.040	0+/-0.40	125	138	260	265	200	103	72	405	120	135	113	M100X3	950	1430	0.065 - 0.165	4	M24X70	710	46.00
TAPR 160 CE (2)	160	0+/-0.040	0+/-0.40	160	177	310	326	250	130	82	488	150	165	126	M125X4	1370	2200	0.065 - 0.192	4	M24X80	710	82.50
TAPR 200 CE (2)	200	0+/-0.046	0+/-0.46	200	221	390	418	320	162	102	620	195	215	161	M160X4	2120	3650	0.065 - 0.192	4	M30X100	1500	168.00

(1) Non lubricatable

(2) 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.**