

CMX

Data sheet - rev. 1.0

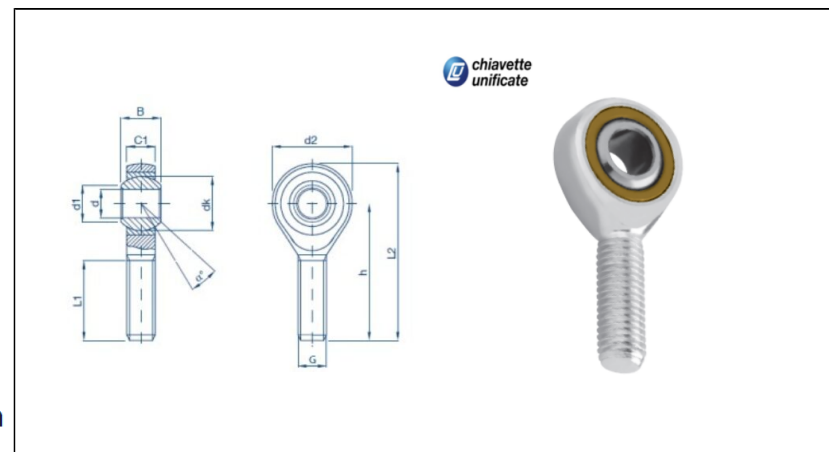
Rod Ends - Tescubal Stainless Steel

Self-lubricating rod ends stainless steel, male thread, series K, DIN ISO 12240-4, maintenance free

FEATURES AND ADVANTAGES

- **HOUSING:** stainless steel X5CrNi1810 (1.4301 – AISI 304)
- **OUTER RING:** sintered bronze impregnated with high efficiency lubricating fluid
- **INNER RING:** tempered, ground and polished steel for bearings X20Cr13 (1.4021 – AISI 420)
- **MAINTENANCE:** maintenance free
- **TEMPERATURE RANGE:** -30° C to +120° C
- **USE & MAINTENANCE :** [see this page](#)
- **STATIC LOAD SERVICE LIFE :** [see this page](#)
- **TOLERANCES :** [see this page](#)

COMPONENTS AND DIMENSIONS



Type		Measurements [mm]															Tilt angle	Rotational speed limit	Axial factor	Basic load rating		Radial clearance	Weight	
Right hand thread	Left hand thread	d	G	B	C1	h/h1	d1	d2	d3	d4	dk	l1/13	l2/14	l5	l7	W	α (°)	n _{max} (min ⁻¹)	Y	Y0	dyn C (kN)	stat C0 (kN)	CN (μm)	kg
CMX5 M5	CMXL5 M5	5	M5	8	6	33	7.7	18	-	-	11.11	19	42	-	-	-	13	-	-	-	4.3	3.2	5-50	0.02
CMX6 M6	CMXL6 M6	6	M6	9	6.75	36	8.9	20	-	-	12.7	21	46	-	-	-	13	-	-	-	5.6	4.6	5-50	0.02
CMX8 M8	CMXL8 M8	8	M8	12	9	42	10.4	24	-	-	15.87	25	54	-	-	-	14	-	-	-	9.4	8.4	7-61	0.04
CMX10 M10	CMXL10 M10	10	M10	14	10.5	48	12.9	28	-	-	19.05	28	62	-	-	-	13	-	-	-	13.3	13.4	7-61	0.06
CMX12 M12	CMXL12 M12	12	M12	16	12	54	15.4	32	-	-	22.22	32	70	-	-	-	13	-	-	-	17.9	18.4	8-75	0.1
CMX14 M14	CMXL14 M14	14	M14	19	13.5	60	16.8	36	-	-	25.4	36	78	-	-	-	15	-	-	-	23.1	24.3	8-75	0.13
CMX16 M16	CMXL16 M16	16	M16	21	15	66	19.3	42	-	-	28.57	37	87	-	-	-	15	-	-	-	29	33.4	8-75	0.21
CMX20 M20	CMXL20 M20	20	M20	25	18	78	24.3	50	-	-	34.92	45	103	-	-	-	14	-	-	-	42.8	41.8	10-92	0.37
CMX20 M20x1.5	CMXL20 M20x1.5	20	M20x1.5	25	18	78	24.3	50	-	-	34.92	45	103	-	-	-	14	-	-	-	42.8	41.8	10-92	0.37

ROTATIONAL UNITS