

# CFE

Data sheet - rev. 1.0

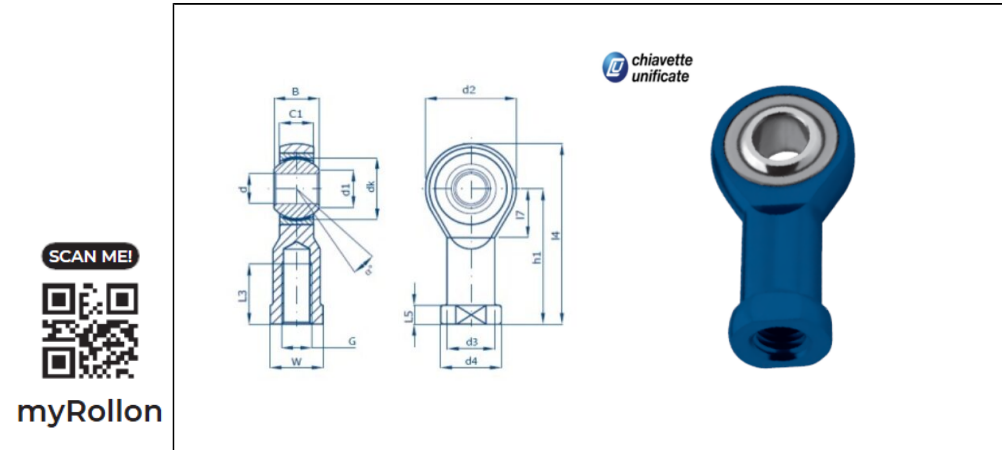
## Rod Ends - Tesno Ergal

Self-lubricating rod ends with PTFE in ergal, female thread, series K, DIN ISO 12240-4, maintenance free

### FEATURES AND ADVANTAGES

- **HOUSING:** ERGAL (alloy EN AW 7075 state T6) blue or purple anodized surface
- **OUTER RING:** C45 (1.1191) carbon steel and PTFE bonded on the inner surface
- **INNER RING:** tempered, ground and polished steel for bearings 100Cr6 (1.3505)
- **MAINTENANCE:** maintenance free
- **TEMPERATURE RANGE:** -40° C to +200° 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/l3	l2/l4	l5	l7	W	$\alpha$ (°)	$n_{max}$ (min <sup>-1</sup> )	Y	Y0	dyn C (kN)	stat C0 (kN)	CN ( $\mu$ m)	kg
<b>CFE6 M6</b>	<b>CFEL6 M6</b>	6	M6	9	6.75	30	8.9	20	10	13	12.7	12	40	5	11	11	13	-	-	-	11	9.7	0-32	0.02
<b>CFE8 M8</b>	<b>CFEL8 M8</b>	8	M8	12	9	36	10.4	24	12.5	16	15.87	16	48	5	13	14	14	-	-	-	19	16.2	0-32	0.04
<b>CFE10 M10</b>	<b>CFEL10 M10</b>	10	M10	14	10.5	43	12.9	28	15	19	19.05	20	57	6.5	15	17	13	-	-	-	27.1	22.7	0-32	0.06
<b>CFE12 M12</b>	<b>CFEL12 M12</b>	12	M12	16	12	50	15.4	32	17.5	22	22.22	22	66	6.5	17	19	13	-	-	-	36.7	25.9	0-40	0.1

# ROTATIONAL UNITS