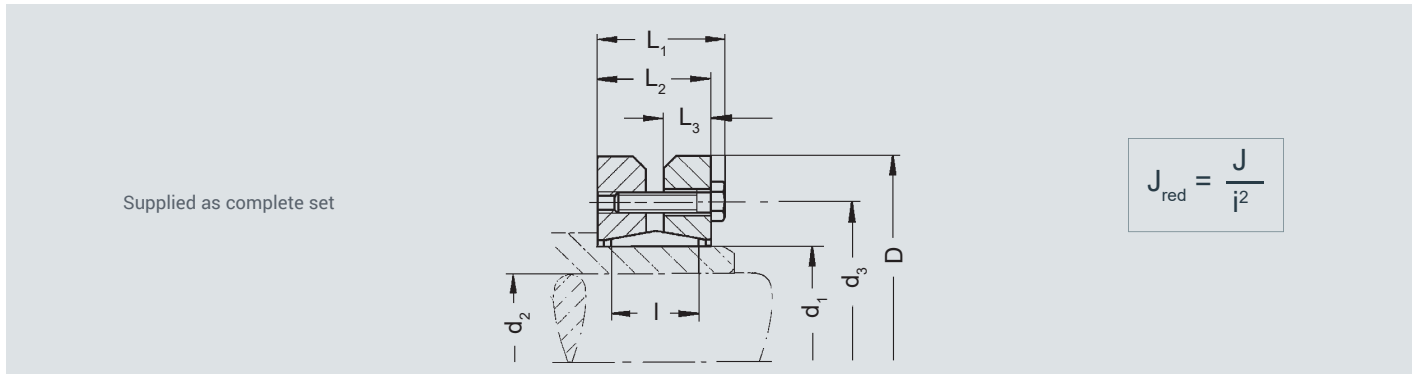


Compression Couplings, for servo-worm gearbox output shafts and hardened & ground pinions



Order Code	T _{2max} Nm	d ₂	d ₁	d ₃	D	L ₁	L ₂	L ₃	l	G	J _{red} 10 ⁻⁴ kg m ²	kg
80 81 024	270	20	24	36	50.2	23.0	19.5	7.60	14.0	5 x M5	0.780	0.2
80 83 030	400	25	30	44	60.2	25.0	21.5	9.00	18.0	7 x M5	1.756	0.3
	200	19										
	130	16										
80 84 036	540	28	36	52	72.2	27.5	23.5	10.00	22.5	5 x M6	4.029	0.4
	270	22										
80 80 044	870	33	44	61	80.2	29.5	25.5	11.00	22.0	7 x M6	6.524	0.6
	810	32										
	490	25										
80 85 050	1350	38	50	72	90.2	31.5	27.5	12.00	22.0	9 x M6	11.322	0.8
	1180	36										
	870	32										
	730	30										
80 80 055	1480	44	55	75	100.2	34.5	30.5	13.00	23.0	8 x M6	18.729	1.1
	810	35										
	630	32										
80 86 062	2300	48	62	89	110.2	34.5	30.5	13.00	22.0	12 x M6	27.137	1.3
	1420	40										
80 80 068	1940	50	68	86	115.2	34.5	30.5	13.00	22.0	10 x M6	31.648	1.4
	1490	45										
80 87 080	3240	60	80	100	145.3	38.0	32.5	14.00	22.0	7 x M8	88.870	1.9
	2580	55										
80 80 110	7710	75	110	145	185.2	57.0	50.0	22.00	39.0	10 x M10	351.503	5.9
80 80 125	11080	85	125	160	215.3	61.0	54.6	23.00	42.0	12 x M10	664.000	8.3

Description

The 24-series hardened & ground pinions (pages C-39 to C-41 and pages C-69 to C-74) can be fitted on shafts (tolerance h7) either with key or with compression couplings.

Mounting

Slide compression coupling onto pinion hub (do not tighten the screws before). Push the pinion onto the shaft up to a shoulder or the desired position. Begin uniformly tightening the coupling screws, one after the other in several passes (do not tighten crosswise!) to the correct torque specified in the operation and maintenance instructions. Check the torque with an indicating torque wrench.