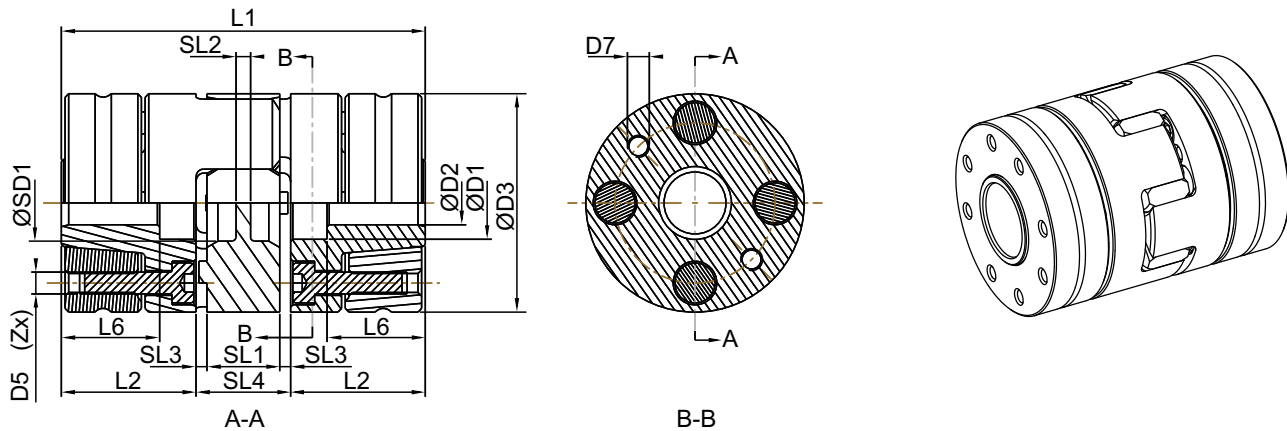


DL Type Hub



Clamping Ring Hub Material - Aluminum.

Size	Max. Speed [rpm]	D2 max	D3 ⁽⁴⁾	L1	L2	L6	SD1	SL1	SL2	SL3	SL4	Screw Tightening Torque T_A [Nm]	Z	D5 ⁽²⁾	D7 ⁽⁵⁾	Inertia ⁽³⁾ J [kg.cm ²]
14	32000	14	30	50	18.5	13.5	8.3	10	2	1.5	13	1.34	4	M3	M3	0.042
19	24000	20	40	66	25	18	18	12	3	2	16	3	6	M4	M4	0.194
24	17000	32 ⁽⁶⁾	55	78	30	22	27	14	3	2	18	6	4	M5	M5	0.722
28	15000	38	65	90	35	27	30	15	4	2.5	20	6	8	M5	M5	1.663
38	12000	48	80	114	45	35	38	18	4	3	24	10	8	M6	M6	4.837
42	10000	51	95	126	50	35	46	20	4	3	26	25	4	M8	M8	10.891
48	9100	55	105	140	56	41	48	21	5	3.5	28	49	4	M10	M10	18.456

- (1) Elastomers with different hardnesses can be found on page 6.
- (2) Clamping screws DIN EN ISO 4762.
- (3) The moment of inertia of the maximum bore diameter of a single hub.
- (4) Elastomer expansion approx 2mm of ØD3 when applying high speed.
- (5) Remove screw D7 (located between the clamping screws).
- (6) Bore Ø30-Ø32 use M4 clamping screws, Z=8 / $T_A=2.9\text{Nm}$.

DL Type Hub

DL Type Bore and Transmittable Torques T_R [Nm]																									
Size	Tolerance	Ø6	Ø8	Ø9	Ø10	Ø11	Ø14	Ø15	Ø16	Ø19	Ø20	Ø24	Ø25	Ø28	Ø30	Ø32	Ø35	Ø38	Ø40	Ø42	Ø45	Ø48	Ø50	Ø55*	
14	H7/k6	9	13	18	19	23	31																		
	H7/h6	7	11	16	16	21	29																		
19	H7/k6				36	44	56	66	51	77	88														
	H7/h6				33	41	51	62	43	70	81														
24	H7/k6						87	102	82	121	137	149	164	214	214	247									
	H7/h6						82	98	73	112	129	138	154	208	205	239									
28	H7/k6								140	205	167	254	279	311	364	340	420	478							
	H7/h6								128	193	147	238	264	293	350	314	400	460							
38	H7/k6										284	430	471	525	613	578	709	722	812	907	914	1059			
	H7/h6										257	405	448	500	592	540	680	682	778	880	876	1031			
42	H7/k6													657	765	724	887	904	1015	978	1143	1321	1354		
	H7/h6													629	741	684	854	861	977	928	1101	1290	1319		
48	H7/k6													814	789	899	1099	1123	1259	1404	1420	1640	1518	1863	
	H7/h6													780	746	851	1060	1071	1214	1367	1369	1601	1455	1790	

* The standard fit tolerance is H7/k6, when the shaft bore is $\geq \text{Ø}55$ the fit tolerance is G7/m6. If the fit clearance increased, the transmission torque will be reduced. Steel or ductile iron with reduced surface yield strength of more than 250N/mm^2 can be used as the shaft material, the strength and inner diameter of the shaft/hollow shaft need to be checked.