



- For DIN 1835 Form E tool shanks
- Pre-balanced per ISO 1940-1 up to 10,000 rpm
- Maximum runout between outer taper and D_1 is 0.003 mm, significantly tightened up compared with DIN 1835 in order to achieve the highest levels of machining precision.
- Coolant tube to be ordered separately

All dimensions in mm.

D-HSK	D_1	D_1 tolerance	L	D_2	G	kg/lb	Order Number	
32	6	+0.005/-0.000	80	25	M-5	0.50/1.10	615.232.006.080	
32	8		80	28	M-6	0.60/1.32	615.232.008.080	
32	10		80	35	M-8	0.60/1.32	615.232.010.080	
40	6	+0.005/-0.000	80	25	M-5	0.60/1.32	615.240.006.080	
40	8		80	28	M-6	0.70/1.54	615.240.008.080	
40	10		80	35	M-8	0.70/1.54	615.240.010.080	
40	12		90	42	M-10	1.10/2.43	615.240.012.090	
40	14		90	44	M-10	1.20/2.65	615.240.014.090	
40	16		90	48	M-12	1.20/2.65	615.240.016.090	
50	6	+0.005/-0.000	80	25	M-5	0.80/1.76	615.250.006.080	
50	8		80	28	M-6	0.90/1.98	615.250.008.080	
50	10		80	35	M-8	0.90/1.98	615.250.010.080	
50	12		90	42	M-10	1.30/2.87	615.250.012.090	
50	14		90	44	M-10	1.40/3.09	615.250.014.090	
50	16		90	48	M-12	1.40/3.09	615.250.016.090	
50	18		90	50	M-12	1.60/3.53	615.250.018.090	
50	20		+0.007/-0.000	100	52	M-16	1.70/3.75	615.250.020.100
50	20			100	52	M-16	1.70/3.75	615.250.020.100
63	6	+0.005/-0.000	80	25	M-5	1.00/2.20	615.263.006.080	
63	8		80	28	M-6	1.10/2.43	615.263.008.080	
63	10		80	35	M-8	1.10/2.43	615.263.010.080	
63	12		90	42	M-10	2.00/4.41	615.263.012.090	
63	14		90	44	M-10	2.00/4.41	615.263.014.090	
63	16		100	48	M-12	2.00/4.41	615.263.016.100	
63	18		100	50	M-12	2.10/4.63	615.263.018.100	
63	20		100	52	M-16	2.10/4.63	615.263.020.100	
63	25		+0.007/-0.000	110	65	M-20	2.60/5.73	615.263.025.110
63	32			110	72	M-20	2.80/6.17	615.263.032.110
80	6	+0.005/-0.000	90	25	M-5	3.20/7.05	615.280.006.090	
80	8		90	28	M-6	3.30/7.28	615.280.008.090	
80	10		90	35	M-8	3.60/7.94	615.280.010.090	
80	12		100	42	M-10	3.60/7.94	615.280.012.100	
80	14		100	44	M-10	3.80/8.38	615.280.014.100	
80	16		100	48	M-12	3.80/8.38	615.280.016.100	
80	18		100	50	M-12	3.80/8.38	615.280.018.100	
80	20		110	52	M-16	4.00/8.82	615.280.020.110	
80	25		+0.007/-0.000	110	65	M-20	4.20/9.26	615.280.025.110
80	32			120	72	M-20	4.30/9.48	615.280.032.120
100	6	+0.005/-0.000	90	25	M-5	3.40/7.50	615.290.006.090	
100	8		90	28	M-6	3.50/7.72	615.290.008.090	
100	10		90	35	M-8	3.80/8.38	615.290.010.090	
100	12		100	42	M-10	3.80/8.38	615.290.012.100	
100	14		100	44	M-10	4.00/8.82	615.290.014.100	
100	16		100	48	M-12	4.00/8.82	615.290.016.100	
100	18		100	50	M-12	4.00/8.82	615.290.018.100	
100	20		110	52	M-16	4.20/9.26	615.290.020.110	
100	25		+0.007/-0.000	120	65	M-20	4.40/9.70	615.290.025.120
100	32			120	72	M-20	4.50/9.92	615.290.032.120