



- For end mills with Weldon shank DIN 1835-B
- Pre-balanced per ISO 1940-1 up to 10,000 rpm
- Maximum runout between outer taper and D₁ 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	kg/lb	Order Number	
32	6	+0.005/-0.000	60	25	0.50/1.10	615.132.006.060	
32	8		60	28	0.60/1.32	615.132.008.060	
32	10		65	35	0.60/1.32	615.132.010.065	
40	6	+0.005/-0.000	60	25	0.60/1.32	615.140.006.060	
40	8		60	28	0.70/1.54	615.140.008.060	
40	10		60	35	0.70/1.54	615.140.010.060	
40	12		70	42	1.00/2.20	615.140.012.070	
40	14		75	44	1.10/2.43	615.140.014.075	
40	16		75	48	1.10/2.43	615.140.016.075	
50	6	+0.005/-0.000	65	25	0.70/1.54	615.150.006.065	
50	8		65	28	0.80/1.76	615.150.008.065	
50	10		65	35	0.80/1.76	615.150.010.065	
50	12		80	42	1.20/2.65	615.150.012.080	
50	14		80	44	1.30/2.87	615.150.014.080	
50	16		80	48	1.30/2.87	615.150.016.080	
50	18		80	50	1.40/3.09	615.150.018.080	
50	20		80	52	1.50/3.31	615.150.020.080	
63	6	+0.005/-0.000	65	25	0.90/1.98	615.163.006.065	
63	8		65	28	1.00/2.20	615.163.008.065	
63	10		65	35	1.00/2.20	615.163.010.065	
63	12		80	42	1.70/3.75	615.163.012.080	
63	14		80	44	1.70/3.75	615.163.014.080	
63	16		80	48	1.70/3.75	615.163.016.080	
63	18		80	50	1.80/3.97	615.163.018.080	
63	20		80	52	1.80/3.97	615.163.020.080	
63	25		+0.007/-0.000	110	65	2.50/5.51	615.163.025.110
63	32			110	72	2.70/5.95	615.163.032.110
80	6	+0.005/-0.000	80	25	2.80/6.17	615.180.006.080	
80	8		80	28	3.00/6.61	615.180.008.080	
80	10		80	35	3.20/7.05	615.180.010.080	
80	12		80	42	3.20/7.05	615.180.012.080	
80	14		80	44	3.30/7.28	615.180.014.080	
80	16		100	48	3.50/7.72	615.180.016.100	
80	18		100	50	3.50/7.72	615.180.018.100	
80	20		100	52	3.70/8.16	615.180.020.100	
80	25		+0.007/-0.000	100	65	3.80/8.38	615.180.025.100
80	32			110	72	4.20/9.26	615.180.032.110
100	6	+0.005/-0.000	80	25	3.00/6.61	615.190.006.080	
100	8		80	28	3.20/7.05	615.190.008.080	
100	10		80	35	3.40/7.50	615.190.010.080	
100	12		80	42	3.40/7.50	615.190.012.080	
100	14		80	44	3.50/7.72	615.190.014.080	
100	16		100	48	3.80/8.38	615.190.016.100	
100	18		100	50	3.80/8.38	615.190.018.100	
100	20		100	52	3.90/8.60	615.190.020.100	
100	25		+0.007/-0.000	100	65	4.00/8.82	615.190.025.100
100	32			100	72	4.10/9.04	615.190.032.100

Other sizes and custom types are available - please contact us for more information.