



- For carbide tool shanks to DIN 6535 form HA
- Pre-balanced per ISO 1940-1 up to 10,000 rpm
- Maximum runout between outer taper and D_1 is 0.002 mm (at a length of $3 \times D_1$)
- Clamping diameter designed for shank tolerance of h6
- Tool holders include stop screws

All dimensions in mm.

D-HSK	D_1	D_2	D_3	L	L_1	G	kg/lb	Order Number
25	6	19	26	70	40	M-5	0.25/0.55	651.125.006.070
25	8	22	26	70	40	M-6	0.25/0.55	651.125.008.070
25	10	24	26	70	40	M-8	0.30/0.66	651.125.010.070
32	6	19	26	70	40	M-5	0.40/0.88	651.132.006.070
32	8	22	26	70	40	M-6	0.40/0.88	651.132.008.070
32	10	24	26	70	40	M-8	0.60/1.32	651.132.010.070
40	6	19	32	80	50	M-5	0.40/0.88	651.140.006.080
40	8	22	34	80	50	M-6	0.50/1.10	651.140.008.080
40	10	24	34	80	50	M-8	0.60/1.32	651.140.010.080
40	12	28	34	90	60	M-10	0.60/1.32	651.140.012.090
40	14	30	34	90	60	M-10	0.70/1.54	651.140.014.090
40	16	32	34	90	60	M-12	0.70/1.54	651.140.016.090
50	6	19	32	80	44	M-5	0.80/1.76	651.150.006.080
50	8	22	34	80	44	M-6	0.80/1.76	651.150.008.080
50	10	24	34	85	44	M-8	0.80/1.76	651.150.010.085
50	12	28	34	90	50	M-10	0.80/1.76	651.150.012.090
50	14	30	34	90	50	M-10	0.80/1.76	651.150.014.090
50	16	32	34	95	55	M-12	1.00/2.20	651.150.016.095
63	6	19	32	80	44	M-5	0.90/1.98	651.163.006.080
63	8	22	34	80	44	M-6	1.00/2.20	651.163.008.080
63	10	24	34	85	44	M-8	1.00/2.20	651.163.010.085
63	12	28	34	90	50	M-10	1.10/2.43	651.163.012.090
63	14	30	34	90	50	M-10	1.10/2.43	651.163.014.090
63	16	32	34	95	55	M-12	1.10/2.43	651.163.016.095