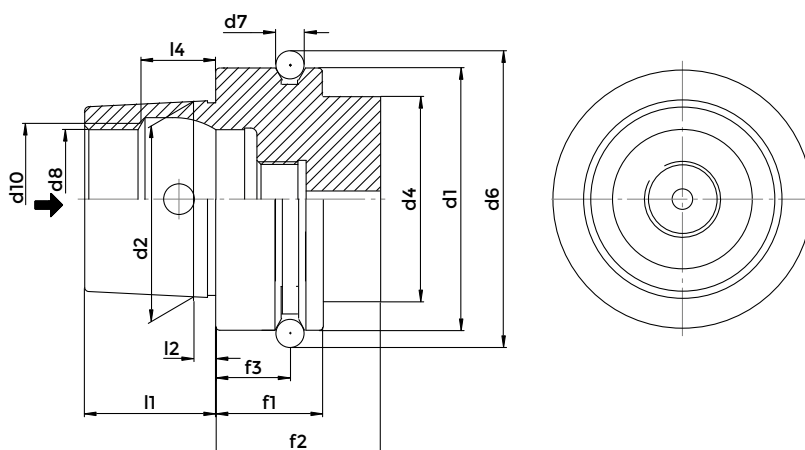




HSK E CHUCKS
DIN 69893-5

TAPER SHANKS DATA SHEET



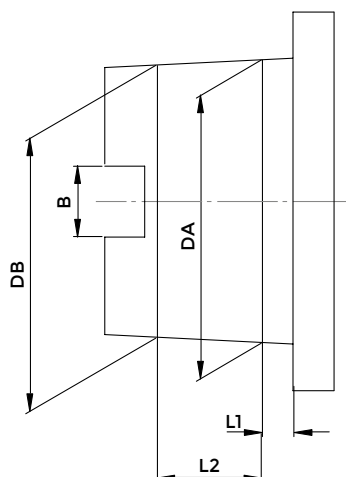
DIN 69893 E

	HSK 25	HSK 32	HSK 40	HSK 50	HSK 63
d1	25	32	40	50	63
d2	19	24	30	38	48
d4	20	26	34	42	53
d6	28,5	37	45	59,3	72,3
d7	3	4	4	7	7
d8	14	17	21	26	34
d10	15	19	23	29	37
f1	10	20	20	26	26
f2	20	35	35	42	42
f3	4,5	16	16	18	18
l1	13	16	20	25	32
l2	2,5	3,2	4	5	6,3
l4	7,21	8,92	11,42	14,13	18,13

FORM E

- Used for high frequency spindles and wood machining.
- Rotationally symmetrical, without key slots.
- Torque transmission via friction
- Central coolant supply possible through coolant channel.

CONE TOLERANCE



DIN 69893 E

HSK	L1	L2	DA	DB	B (only type A+C)
25 A+C+E	2,5	8,5	19 $+0,005$ $+0,007$	18,15 $+0,003$ $+0,005$	6.05 +/- 0.04
32 A+C	3,2	7,03	24 $+0,005$ $+0,007$	23,27 $+0,003$ $+0,005$	7.05 +/- 0.04
40 A+C+E	4	9,05	30 $+0,005$ $+0,007$	29,05 $+0,003$ $+0,005$	8.05 +/- 0.04
40 B+D	3,2	7,03	24 $+0,005$ $+0,007$	23,27 $+0,003$ $+0,005$	-
50 A+C+E	5	11	38 $+0,006$ $+0,009$	36,9 $+0,003$ $+0,006$	10.54 +/- 0.04
50 B+D+F	4	9,05	30 $+0,005$ $+0,007$	29,05 $+0,003$ $+0,005$	-
63 A+C+E	6,3	14,07	48 $+0,007$ $+0,011$	46,53 $+0,003$ $+0,007$	12.54 +/- 0.04
63 B+D+F	5	11	38 $+0,006$ $+0,009$	39,9 $+0,003$ $+0,006$	-
100 A+C	10	24	75 $+0,009$ $+0,015$	72,6 $+0,003$ $+0,009$	20.02 +/- 0.04
100 B+D	8	19	60 $+0,008$ $+0,013$	58,1 $+0,003$ $+0,008$	-

TECHNICAL DATA KINTEK CHUCKS WITH ISO FITTING

All KINTEK toolholders are manufactured according to DIN norms. (these norms provide the same classes of tolerance for the attachment DIN69893 A+C, B+D, E, F)

COLLET CHUCK RUNOUT ACCURACY

The norm DIN 69882-6 permits a runout error of 0,005 mm. for DIN6499/ISO15488 collet chucks.

SHELL END MILL ADAPTOR RUNOUT ACCURACY

Our shell end mill adaptors meet the requirements of the norm DIN 69882-2, which prescribes for diameters Ø16,22,27,32 a runout accuracy of 0,01.

WELDON END MILL HOLDER RUNOUT ACCURACY

According to norm DIN 69882-4 Weldon end mill holders have to meet the following requirements:

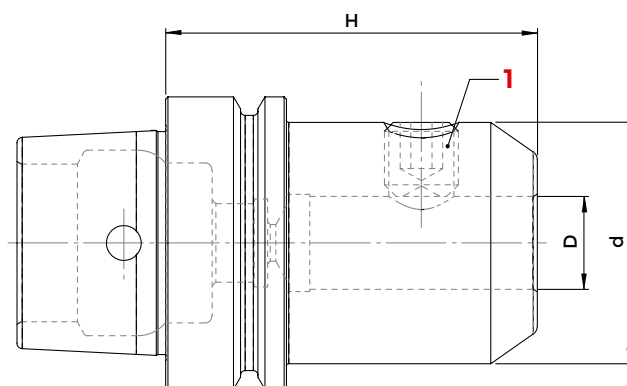
BORE: H5

RUNOUT ACCURACY: 0.005.

CONSTRUCTIVE FEATURES

- Manufactured with Casehardening Steel.
- Casehardened with depth 0,4 - 0,5 mm
- Hardened-Tempered
- Hardness HRC 58+-2, Strength 800-1000 N/mm²
- Black oxidized
- Thread of collet nuts, internal and external diameters are completely grinding finished
- Tested 100% with certified measuring instruments

END MILL HOLDERS WELDON - HIGH SPEED LINE

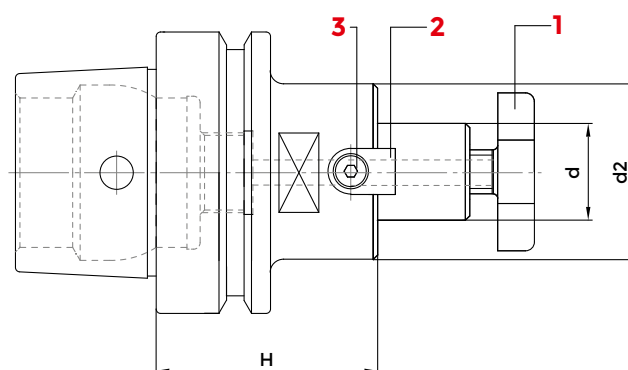


DIN 69893 A+C - DIN 1835/B

HIGH SPEED LINE

COD.	DESCRIPTION	HSK	D	d	H	G2.5 25000	1 SCREW
							
6637	HSK50EH80W20	50	20	52	80	•	4975
6640	HSK50EH105W25	50	25	65	105	•	4976
6646	HSK63EH65W08	63	8	28	65	•	4971
6658	HSK63EH80W16	63	16	48	80	•	4974
6664	HSK63EH80W20	63	20	52	80	•	4975
6667	HSK63EH105W25	63	25	65	105	•	4976
6670	HSK63EH110W32	63	32	72	110	•	4977

FACE MILL HOLDERS-TENONS DRIVE



DIN 69893 E - ISO 3937

COD.	DESCRIPTION	HSK	H	d	d2	G6.3 8000	1	1	2	3	WRENCH
							CROSS SCREW	CROSS SCREW ON ENQUIRY	DOWELS	SCREW	
											
6850	HSK40EH45D16F	40	45	16	38	•	4985	2739	7421	0255	4562
6851	HSK40EH50D22F	40	50	22	48	•	4986	2740	7427	0256	4563
6853	HSK50EH50D16F	50	50	16	38	•	4985	2739	7421	0255	4562
6855	HSK50EH60D22F	50	60	22	48	•	4986	2740	7427	0256	4563
216-77318	HSK50EH60D27F	50	60	27	58	•	4987	2741	7428	7414	4564
6863	HSK63EH50D22F	63	50	22	48	•	4986	2740	7427	0256	4563
6864	HSK63EH100D22F	63	100	22	48	•	4986	2740	7427	0256	4563
216-77310	HSK63EH55D27F	63	55	27	58	•	4987	2741	7428	7414	4564
6865	HSK63EH60D27F	63	60	27	58	•	4987	2741	7428	7414	4564
6866	HSK63EH100D27F	63	100	27	58	•	4987	2741	7428	7414	4564

ACCESSORIES

p. 674



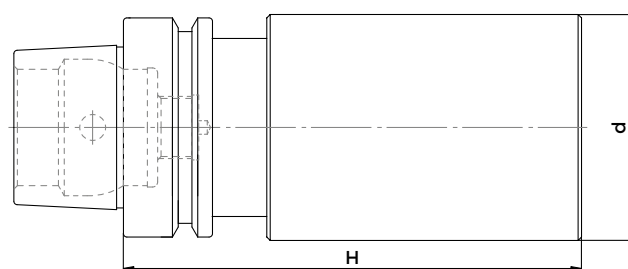
p. 676



p. 675



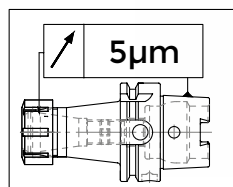
BLANK TOOLHOLDERS WITH SOFT SHANK



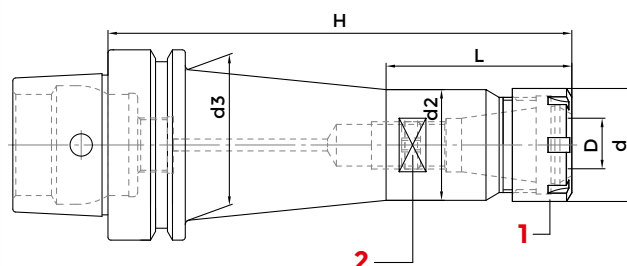
DIN 69893 E

COD.	DESCRIPTION	HSK	H	d
6947	HSK63EH200D63SM	63	200	63

ER MINI COLLET CHUCKS - HIGH SPEED LINE



H= 0 > 100 mm - 5 µm
H= 100 > 200 mm - 10 µm



DIN 6499 - ISO 15488

HIGH SPEED LINE

COD.	DESCRIPTION	HSK	H	D	d	ER	L	d2	d3	G2.5 30000	1	2	WRENCH
											NUT	SCREW	
6610	HSK25EH43ER16M	25	43	0,5÷10	22	16M	-	19	-	•			
6612	HSK32EH60ER16M	32	60	0,5÷10	22	16M	-	20	-	•	5694	811-303119	5719
6614	HSK32EH60ER25M	32	60	1÷16	35	25M	-	30	-	•	5694	811-303119	5719
6500	HSK40EH70ER16M	40	70	0,5÷10	22	16M	-	20	-	•	5696	811-303121	5721
6502	HSK40EH120ER16M	40	120	0,5÷10	22	16M	47	20	29	•	5694	811-303119	5719
6508	HSK40EH80ER25M	40	80	1÷16	35	25M	-	34	-	•	5694	811-303119	5719
6513	HSK50EH80ER16M	50	80	0,5÷10	22	16M	-	20	-	•	5696	811-303121	5721
6514	HSK50EH150ER16M	50	150	0,5÷10	22	16M	47	20	40	•	5694	811-303119	5719
6521	HSK63EH90ER16M	63	90	0,5÷10	22	16M	-	20	-	•	5694	811-303119	5719
6523	HSK63EH160ER16M	63	160	0,5÷10	22	16M	47	20	39	•	5694	811-303119	5719

ACCESSORIES

p. 632



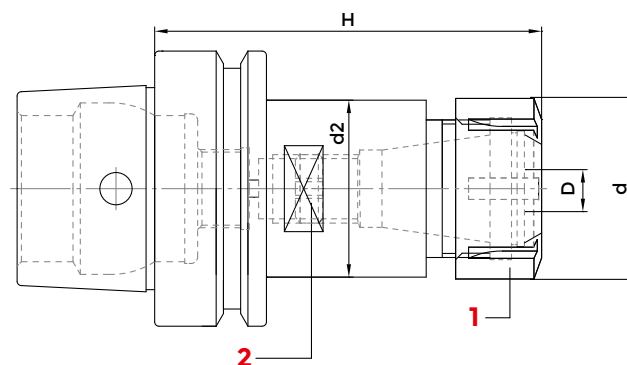
p. 615



p. 635



ER COLLET CHUCKS - HIGH SPEED LINE



DIN 6499 - ISO 15488

HIGH SPEED LINE

COD.	DESCRIPTION	HSK	H	D	d	ER	d2	G2.5 30000	1	2
									NUT	SCREW
										
6526	HSK40EH65ER32	40	65	2÷20	50	32	33	•	4996	811-303121
6537	HSK50EH95ER25	50	95	1÷16	42	25	41,5	•	4995	811-103118
6539	HSK50EH100ER32	50	100	2÷20	50	32	42	•	4996	811-303121
6543	HSK63EH70ER25	63	70	1÷16	42	25	41	•	4995	811-303121
214-37307	HSK63EH90ER25	63	90	1÷16	35	25	42	•	4995	811-303121
6544	HSK63EH100ER25	63	100	1÷16	42	25	41	•	4995	811-103118
6545	HSK63EH75ER32	63	75	2÷20	50	32	49	•	4996	811-103118
6546	HSK63EH100ER32	63	100	2÷20	50	32	49,5	•	4996	811-303122
6550	HSK63EH80ER40	63	80	3÷30	63	40	50	•	4997	3671

ACCESSORIES



p. 633



p. 615



p. 636





READY, ALWAYS.