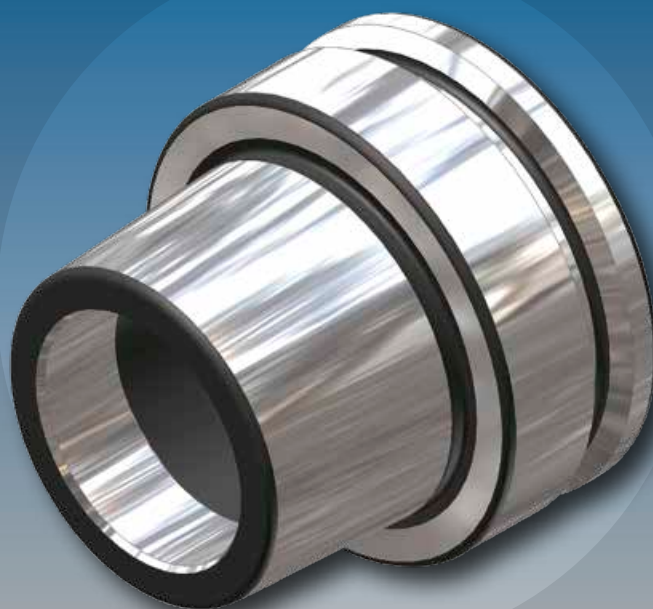


HSK E

DIN 69893-5



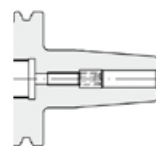
Dati tecnici ed immagini sono indicativi. Mickros si riserva di apportare aggiornamenti in qualsiasi momento e senza obbligo di preavviso.

Technical data and drawings are for information purposes only. Mickros reserves the right to update specs at anytime and without notice.

CTO 4,5° Standard (similar to DIN 69882-8)

Mandrino per calettamento termico
Shrink fit chuck
Porte-outils de frettage
Schrumpfutter

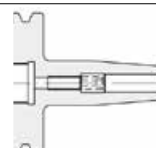
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CTF 4,5° (Slim)

Mandrino per calettamento termico di finitura
Finishing shrink fit chuck
Porte outils de frettage pour finissage
Schrumpfutter zum schlichten

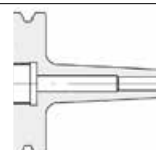
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CTF 3° (Slim) (without back up screw)

Mandrino per calettamento termico. Ideale per la costruzione di STAMPI e cavità profonde
Shrink fit chuck. Suitable for the MOLD and for deep cavities
Porte outils de frettage. Idéal pour la construction de MOLD et des cavités profondes
Schrumpfutter für tiefe Kavitäten geeignet, speziell für den Gesenk, und Formenbau

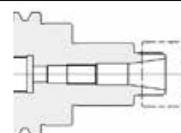
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ERH (High Performance)

Portapinze di precisione ER DIN 6499
Precision collet chuck ER DIN 6499
Porte pinces de precision ER DIN 6499
Präzisions spannzangenfutter ER DIN 6499

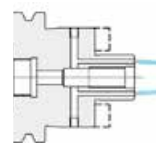
p. 89



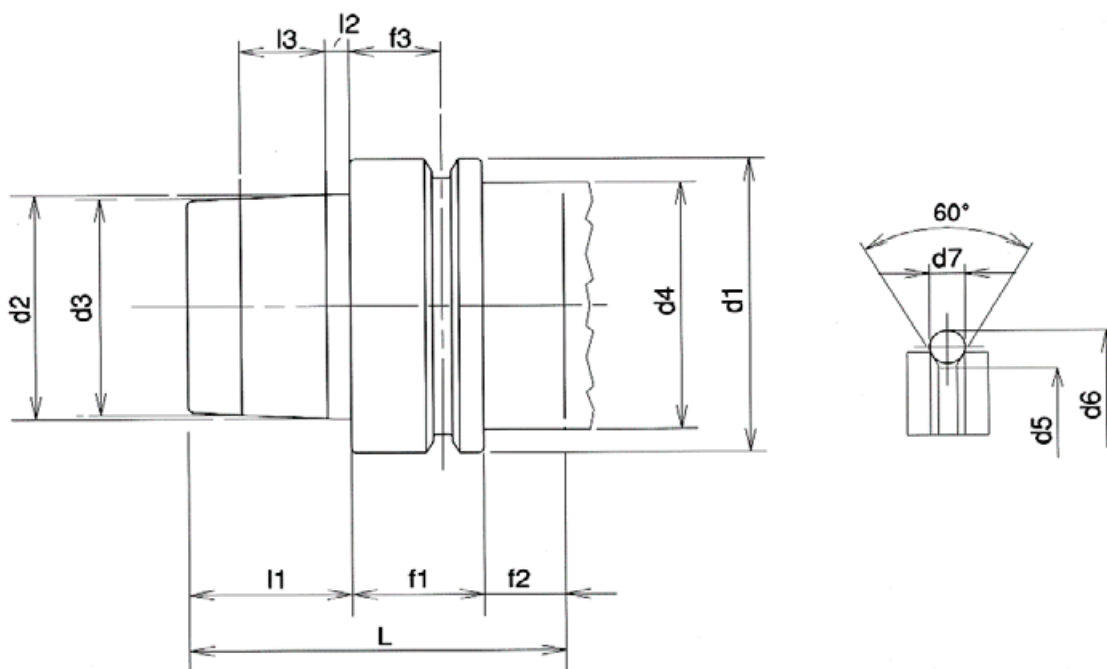
FSW (Cooling Plus) (DIN 6357 B)

Portafresa a spianare con trascinatore fisso - con canali di lubrificazione
Face mill arbor with coolant bores
Porte-fraises à surfacer avec conduits d'arrosage
Messerkopf- aufnahme mit Kühlmittelbohrun

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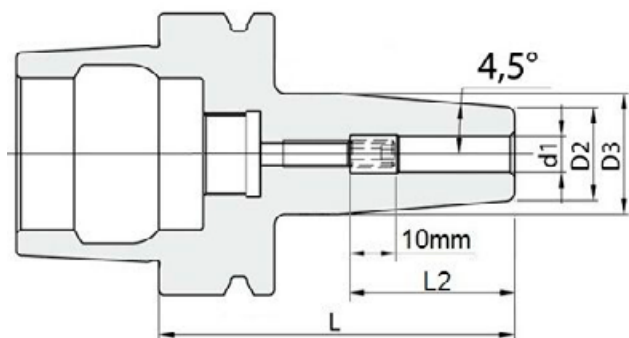
DIN 69893 - HSK E



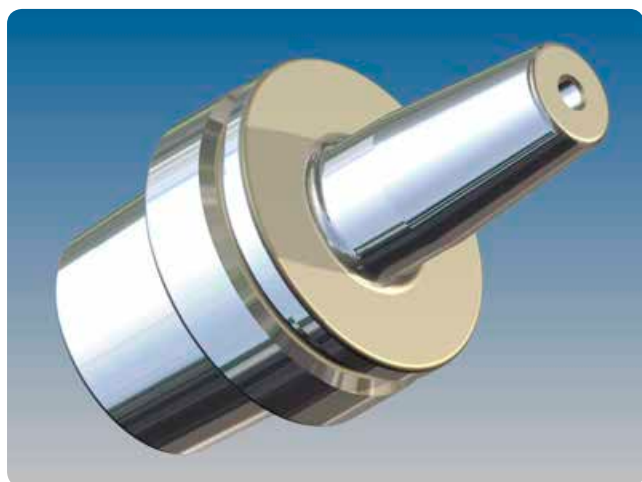
	HSK 32	HSK 40	HSK 50	HSK 63
d1	32	40	50	63
d2	24	30	38	48
d3	23,270	29,050	36,900	46,530
d4 (max)	26	34	42	53
d5	26,5	34,8	43	55
d6	37	45	59,3	72,3
d7	4	4	7	7
f1	20	20	26	26
f2	15	15	16	16
f3	16	16	18	18
L	51	55	67	74
l1	16	20	25	32
l2	3,2	4	5	6,3
l3	7,3	9,5	11	14,7



grip-plus
shrink fit technology



d1 = 3-4-5 VEDI - SEARCH "CTF"



codice - code

dati tecnici - technical data

	Ø d1	L	Ø D2	Ø D3	-	-
HSK 040 (E) form						
HKE.040.CT006.080	6	80	21	27		
HKE.040.CT008.080	8	80	21	27		
HKE.040.CT010.080	10	80	24	32		
HKE.040.CT012.090	12	90	24	32		
HKE.040.CT016.090	16	90	27	34		
HSK 050 (E) form						
HKE.050.CT006.080	6	80	21	27		
HKE.050.CT008.080	8	80	21	27		
HKE.050.CT010.085	10	85	24	32		
HKE.050.CT012.090	12	90	24	32		
HKE.050.CT016.095	16	95	27	34		
HKE.050.CT020.100	20	100	33	42		
HSK 063 (E) form						
HKE.063.CT006.080	6	80	21	27		
HKE.063.CT008.080	8	80	21	27		
HKE.063.CT010.085	10	85	24	32		
HKE.063.CT012.090	12	90	24	32		
HKE.063.CT014.090	14	90	27	34		
HKE.063.CT016.095	16	95	27	34		
HKE.063.CT020.100	20	100	33	42		
HKE.063.CT025.115	25	115	44	53		

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Ricambi | Spare parts

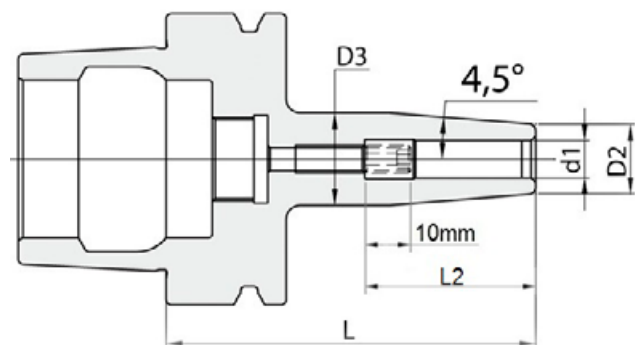
RVR CT



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grip-plus
shrink fit technology



codice - code

dati tecnici - technical data

	Ø d1	L	Ø D2	Ø D3	-	-
HSK 040 (E) form						
HKE.032.CTF03.060-4,5°	3	60	9		No RVR	
HKE.032.CTF04.060-4,5°	4	60	10		No RVR	
HKE.032.CTF05.060-4,5°	5	60	11		No RVR	
HKE.032.CTF06.070-4,5°	6	70	15			
HKE.032.CTF08.070-4,5°	8	70	15			
HKE.032.CTF10.080-4,5°	10	80	18			
HSK 040 (E) form						
HKE.040.CTF03.080-4,5°	3	80	9	19	No RVR	
HKE.040.CTF04.080-4,5°	4	80	10	19	No RVR	
HKE.040.CTF05.080-4,5°	5	80	11	19	No RVR	
HKE.040.CTF06.130-4,5°	6	130	15	30		
HKE.040.CTF08.130-4,5°	8	130	15	30		
HKE.040.CTF10.130-4,5°	10	130	18	30		
HKE.040.CTF12.130-4,5°	12	130	18	30		
HSK 050 (E) form						
HKE.050.CTF03.080-4,5°	3	80	9	18	No RVR	
HKE.050.CTF04.080-4,5°	4	80	10	18	No RVR	
HKE.050.CTF05.080-4,5°	5	80	11	18	No RVR	
HKE.050.CTF06.080-4,5°	6	80	15	20		
HKE.050.CTF08.080-4,5°	8	80	15	20		
HKE.050.CTF10.085-4,5°	10	85	18	25		
HKE.050.CTF06.130-4,5°	6	130	15	31		
HKE.050.CTF08.130-4,5°	8	130	15	31		
HKE.050.CTF10.130-4,5°	10	130	18	34		
HKE.050.CTF12.130-4,5°	12	130	18	34		
HSK 063 (E) form						
HKE.063.CTF06.130-4,5°	6	130	15	31		
HKE.063.CTF08.130-4,5°	8	130	15	31		
HKE.063.CTF10.130-4,5°	10	130	18	34		
HKE.063.CTF12.130-4,5°	12	130	18	34		

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Ricambi | Spare parts

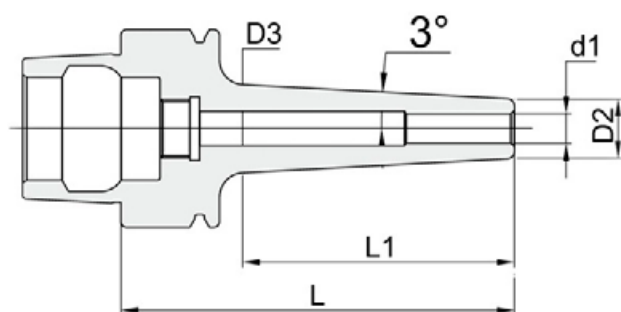
RVR CT



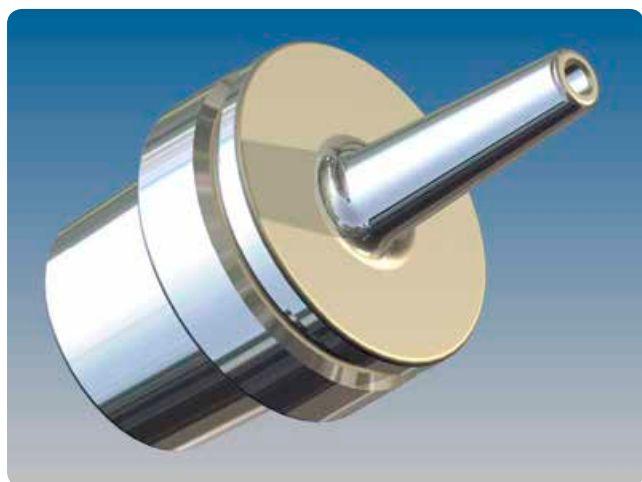
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grip-plus
shrink fit technology



spessore parete 3 mm - 3 mm wall thickness



codice - code

dati tecnici - technical data

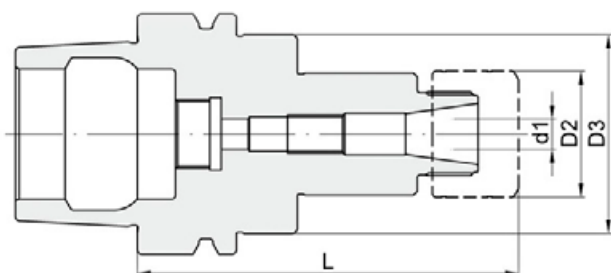
	Ø d1	L	Ø D2	Ø D3	L1	-
HSK 040 (E) form						
HKE.040.CTF03.080- 3°	3	80	9	14,8	55	
HKE.040.CTF04.080- 3°	4	80	10	15,8	55	
HKE.040.CTF05.080- 3°	5	80	11	16,8	55	
HKE.040.CTF06.080- 3°	6	80	12	17,8	55	
HKE.040.CTF08.080- 3°	8	80	14	19,8	55	
HKE.040.CTF10.080- 3°	10	80	16	21,8	55	
HKE.040.CTF12.080- 3°	12	80	18	23,8	55	
HSK 050 (E) form						
HKE.050.CTF03.080- 3°	3	80	9	14,2	49	
HKE.050.CTF04.080- 3°	4	80	10	15,2	49	
HKE.050.CTF05.080- 3°	5	80	11	16,2	49	
HKE.050.CTF06.080- 3°	6	80	12	17,2	49	
HKE.050.CTF08.080- 3°	8	80	14	19,2	49	
HKE.050.CTF10.085- 3°	10	85	16	21,7	54	
HKE.050.CTF12.090- 3°	12	90	18	24,2	59	

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codice - code

dati tecnici - technical data

	Ø d1	L	Ø D2	Ø D3	NUTS	-
HSK 032 (E) form						
HKE.032.ERM16.070	0,5-7	70	22		RGM mini	
HKE.032.ERM16.090	0,5-7	90	22		RGM mini	
HKE.032.ERM20.070	0,5-13	70	28		RGM mini	
HKE.032.ERH16.060	0,5-10	60	32		RGE	No RVR
HSK 040 (E) form						
HKE.040.ERH11.060	0,5-7	60	25		RGX	
HKE.040.ERH11.100	0,5-7	100	25	30	RGX	
HKE.040.ERH16.080	0,5-10	80	32		RGE	
HKE.040.ERH25.065	1,5-16	65	42		RGE	No RVR
HKE.040.ERH25.120	1,5-16	120	42		RGE	
HSK 050 (E) form						
HKE.050.ERH16.100	0,5-10	100	32	40	RGE	
HKE.050.ERH25.080	1,5-16	80	42		RGE	No RVR
HKE.050.ERH32.070	2,5-20	70	50		RGE	
HSK 063 (E) form						
HKE.063.ERH16.100	0,5-10	100	32	52	RGE	
HKE.063.ERH32.070	2,5-20	70	50		RGE	
HKE.063.ERH40.080	3-26	80	63		RGE	No RVR



Optional

RGE - HSC (DIN 6499) Fine Balanced - Coated

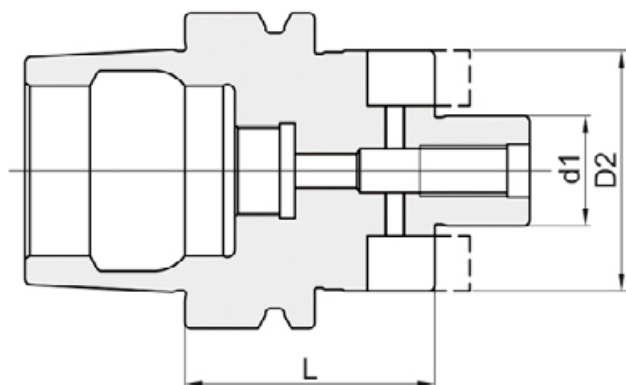


Accessori | Accessories



Ricambi | Spare parts





codice - code

dati tecnici - technical data

	Ø d1	L	Ø D2	Ø D3	-	-
HSK 040 (E) form						
HKE.040.FS016.050	16	50	32			
HKE.040.FS022.060	22	60	48			
HSK 050 (E) form						
HKE.050.FS016.050	16	50	32			
HKE.050.FS022.060	22	60	48			

FS: senza canali di lubrificazione - without coolant bores



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Ricambi | Spare parts

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RCT FM/DP



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RVU 5933



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RRS FM



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