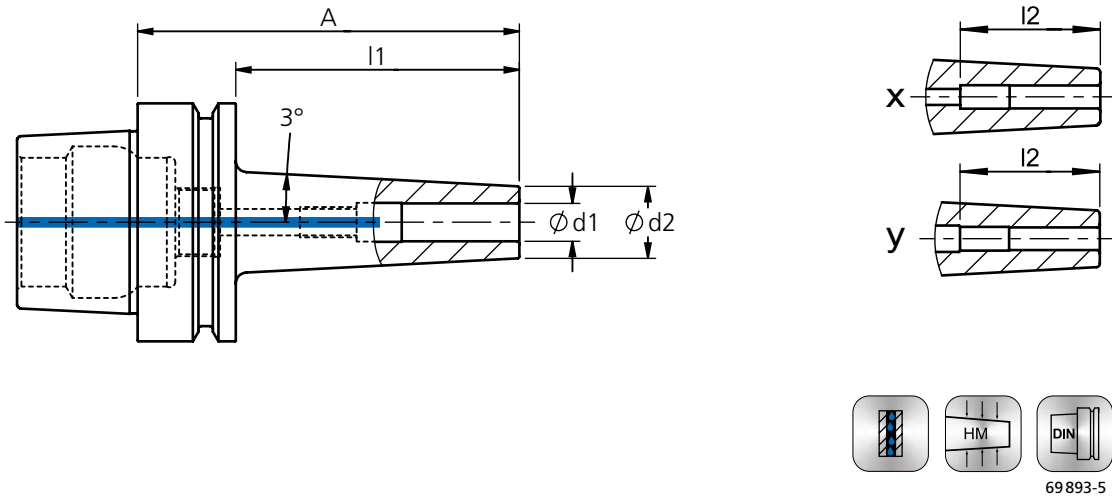


Schrumpffutter HSK-E20, schlanke Ausführung 3°

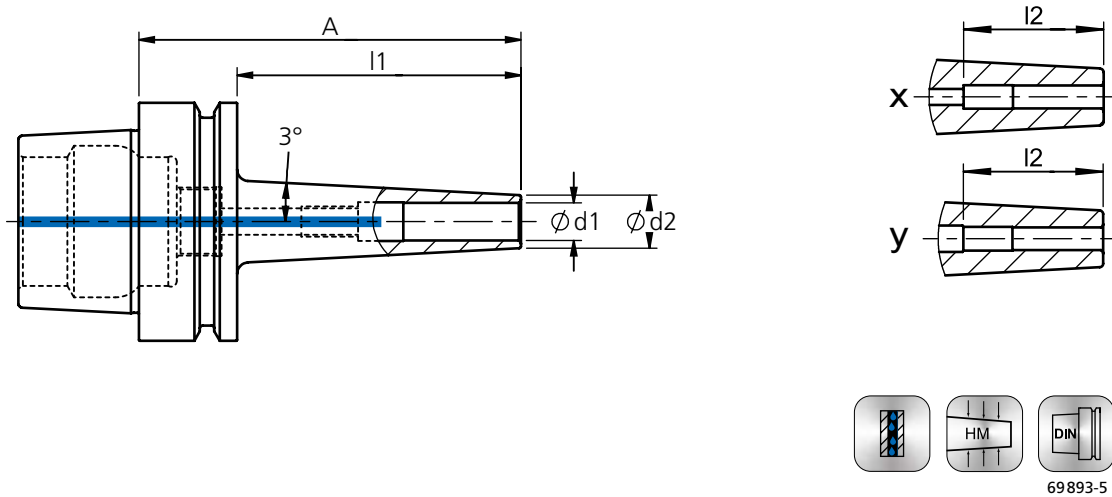
Shrink fit chuck HSK-E20, slim execution 3°
Mandrin de frettage HSK-E20, exécution mince 3°
Mandrini per calettamento a caldo HSK-E20, rastremazione 3°



Bestell-Nr. order number No.	HSK	Ø d1	Ø d2	Ø d3	A	l1	l2	x	y	
915 - E200330	E20	3	11	-	38	30	12		x	U<1gmm
915 - E200430	E20	4	11	-	38	30	16	x		
915 - E200635	E20	6	15	-	43	35	32	x		

Schrumpffutter HSK-E20, extra schlanke Ausführung 3°

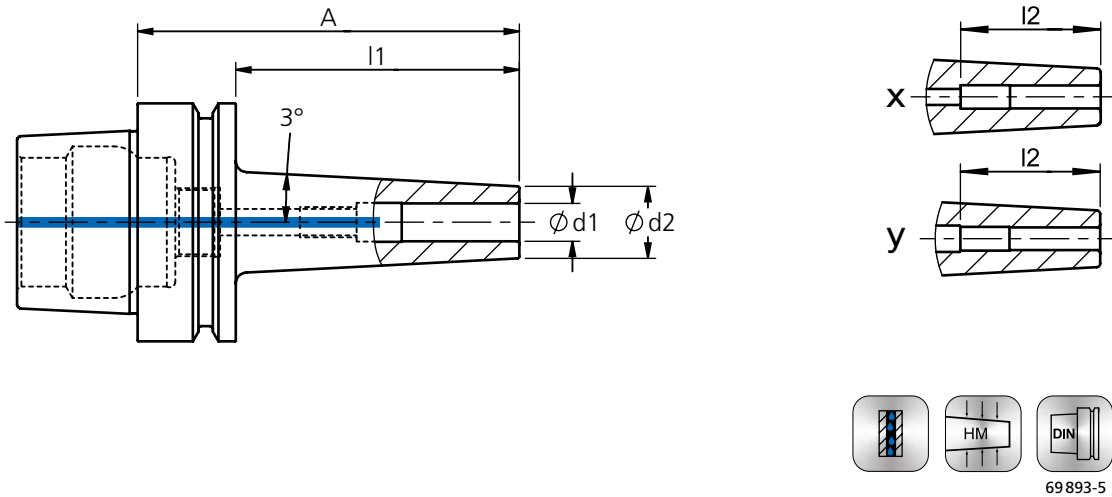
Shrink fit chuck HSK-E20, extra slim execution 3°
Mandrin de frettage HSK-E20, exécution extra mince 3°
Mandrini per calettamento a caldo HSK-E20, extra sottile 3°



Bestell-Nr. order number No.	HSK	Ø d1	Ø d2	Ø d3	A	l1	l2	x	y	
925 - E200330	E20	3	7	-	38	30	12		x	U<1gmm
925 - E200430	E20	4	8	-	38	30	16	x		
925 - E200635	E20	6	10	-	43	35	32	x		

Schrumpffutter HSK-E25, schlanke Ausführung 3°

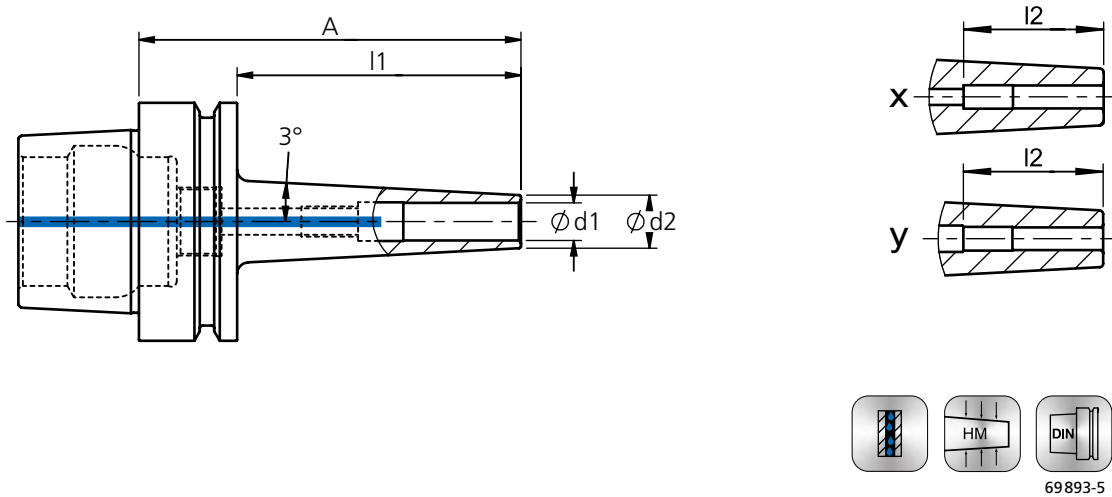
Shrink fit chuck HSK-E25, slim execution 3°
Mandrin de frettage HSK-E25, exécution mince 3°
Mandrini per calettamento a caldo HSK-E25, rastremazione 3°



Bestell-Nr. order number No.	HSK	Ø d1	Ø d2	Ø d3	A	l1	l2	x	y	
915 - E250330	E25	3	11	-	40	30	12		x	 U<1gmm
915 - E250430	E25	4	11	-	40	30	16	x		
915 - E250530	E25	5	13	-	40	30	20	x		
915 - E250635	E25	6	15	-	45	35	36	x		
915 - E250650	E25	6	15	-	60	50	36	x		
915 - E250840	E25	8	17	-	50	40	36	x		
915 - E251040	E25	10	19	-	50	40	41	x		 U<1gmm

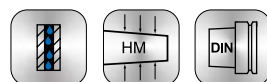
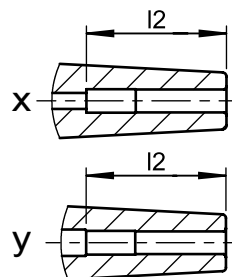
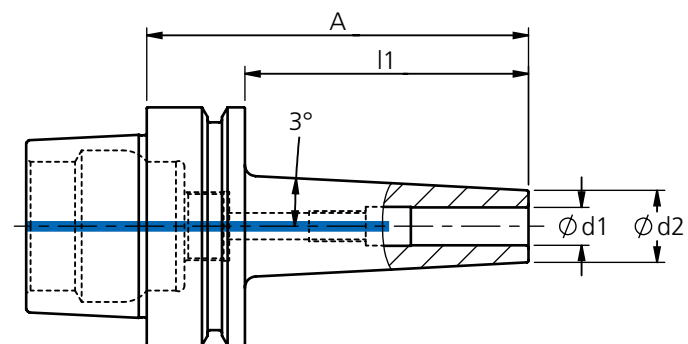
Schrumpffutter HSK-E25 extra schlanke Ausführung 3°

Shrink fit chuck HSK-E25, extra slim execution 3°
Mandrin de frettage HSK-E25, exécution extra mince 3°
Mandrini per calettamento a caldo HSK-E25, extra sottile 3°



Bestell-Nr. order number No.	HSK	Ø d1	Ø d2	Ø d3	A	l1	l2	x	y	
925 - E250330	E25	3	7	-	40	30	12		x	 U<1gmm
925 - E250430	E25	4	8	-	40	30	16	x		
925 - E250635	E25	6	10	-	45	35	36	x		
										 U<1gmm

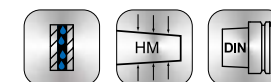
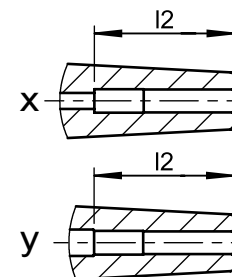
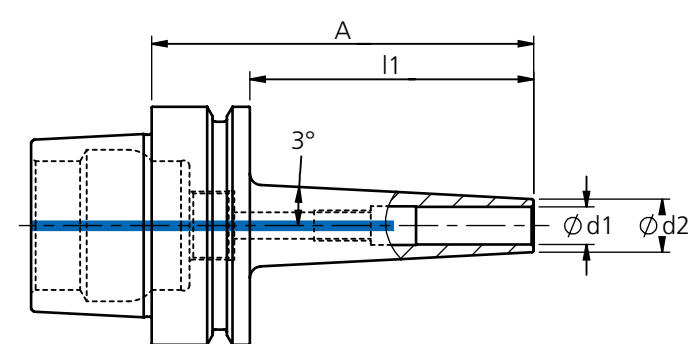
Shrink fit chuck HSK-E32, slim execution 3°
Mandrin de fretage HSK-E32, exécution mince 3°
Mandrini per calettamento a caldo HSK-E32, rastremazione 3°



69893-5

[illegible]

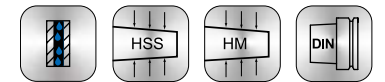
Shrink fit chuck HSK-E32, extra slim execution 3°
Mandrin de frettage HSK-E32, exécution extra mince 3°
Mandrini per calettamento a caldo HSK-E32, extra sottile 3°



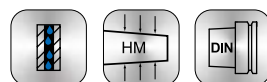
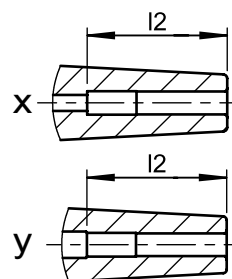
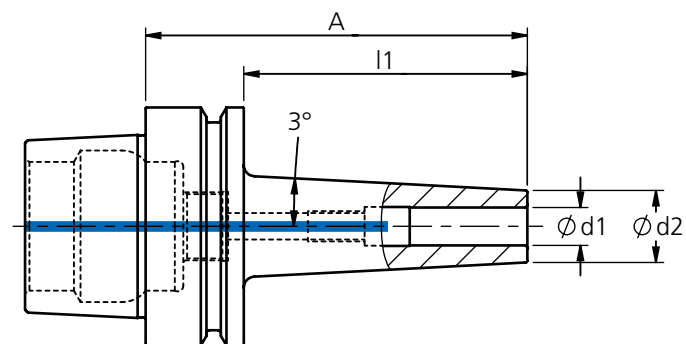
69893-1

[illegible]

Mandrini per calettamento a caldo HSK-E32, rastremazione 4,5°, inclusa vite per regolazione assiale

[illegible]

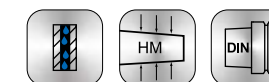
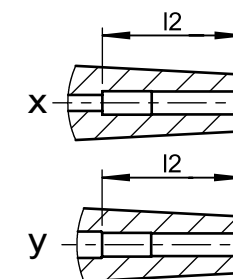
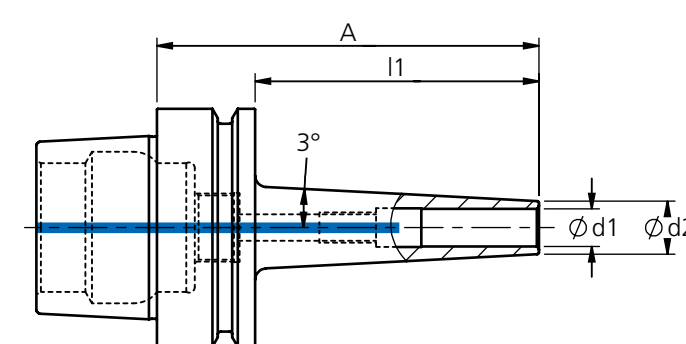
Shrink fit chuck HSK-E40, slim execution 3°
Mandrin de fretage HSK-E40, exécution mince 3°
Mandrini per calettamento a caldo HSK-E40, rastremazione 3°



69893-5

[illegible]

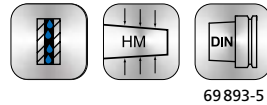
Shrink fit chuck HSK-E40, extra slim execution 3°
Mandrin de frettage HSK-E40, exécution extra mince 3°
Mandrini per calettamento a caldo HSK-E40, extra sottile 3°



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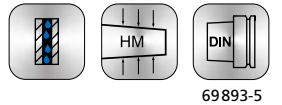
[illegible]

Shrink fit chuck HSK-E40, standard execution 4,5°, incl. length adjusting screw
Mandrin de frettage HSK-E40, exécution 4,5°, vis de réglage axial inclus
Mandrini per calettamento a caldo HSK-E40, rastremazione 4,5°, inclusa vite per regolazione assiale



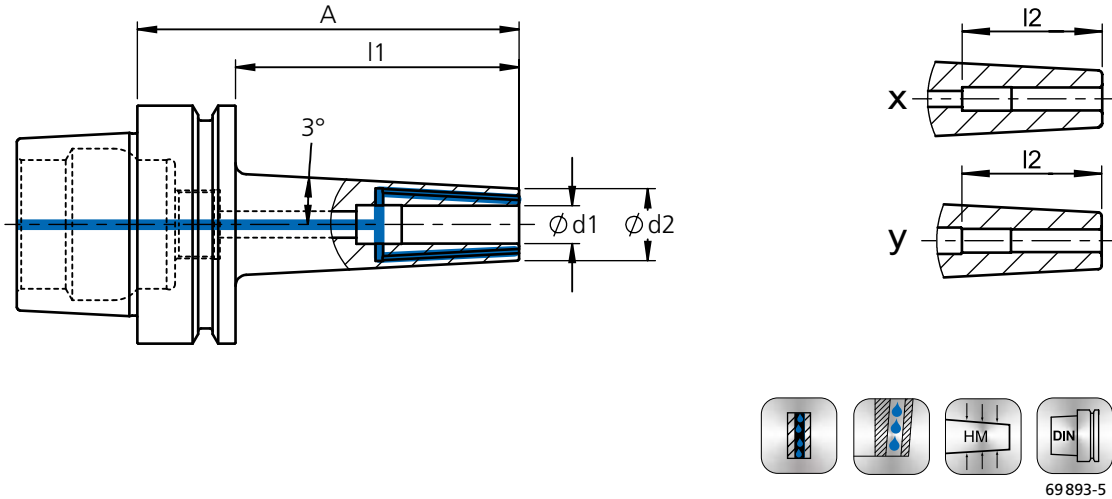
44 nineck

Shrink fit chuck HSK-E40, cylindrical execution
Mandrin de frettage HSK-E40, exécution cylindrique
Mandrini per calettamento a caldo HSK-E40, esecuzione cilindrico

rineck 45

Schrumpffutter HSK-E40, schlanke Ausführung 3° mit 3 Kühlkanälen Ø1mm

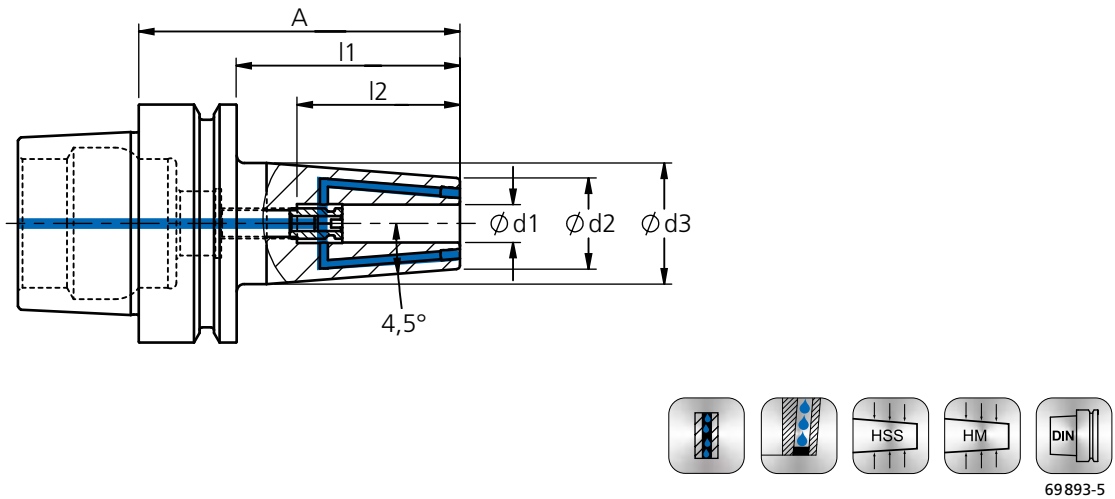
Shrink fit chuck HSK-E40, slim execution 3° with 3 cooling jets Ø1mm
Mandrin de frettage HSK-E40, exécution mince 3° avec 3 canal d'arrosage Ø1mm
Mandrini per calettamento a caldo HSK-E40, rastremazione 3° con N°3 ugelli di adduzione Ø1mm



Bestell-Nr. order number No.	HSK	Ø d1	Ø d2	Ø d3	A	l1	l2	x	y	
996 - E400350	E40	3	11	-	70	50	12		x	G2,5/25.000 oder/or U<1gmm
996 - E400375	E40	3	11	-	95	75	12		x	
996 - E400450	E40	4	11	-	70	50	16		x	
996 - E400475	E40	4	11	-	95	75	16		x	
996 - E400650	E40	6	15	-	70	50	36	x		
996 - E400675	E40	6	15	-	95	75	36	x		
996 - E400850	E40	8	17	-	70	50	36	x		
996 - E400875	E40	8	17	-	95	75	36	x		
996 - E401050	E40	10	19	-	70	50	41	x		
996 - E401075	E40	10	19	-	95	75	41	x		

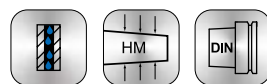
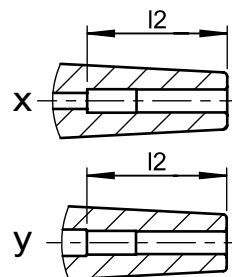
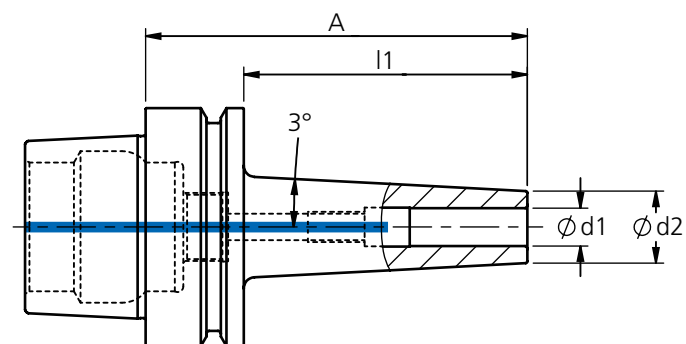
Schrumpffutter HSK-E40 Ausführung 4,5° mit verschließbaren Kühlkanälen, inklusive Längeneinstellschraube

Shrink fit chuck HSK-E40 execution 4,5° with closeable cooling jets, including length adjusting screw
Mandrin de frettage HSK-E40, exécution 4,5° avec canal d'arrosage obturables, vis de réglage axial inclus
Mandrini per calettamento a caldo HSK-E40, rastremazione 4,5° con ugelli di adduzione otturabili, inclusa vite per regolazione assiale



Bestell-Nr. order number No.	HSK	Ø d1	Ø d2	Ø d3	A	l1	l2	l3		
995 - E4003A60	E40	3	11	15	60	40	12	-	-	G2,5/25.000 oder/or U<1gmm
995 - E4004A70	E40	4	14	21	70	50	16	-	-	
995 - E4004A120	E40	4	14	22	120	100	16	-	-	
995 - E4006A80	E40	6	21	27	80	60	36	10	948-001	
995 - E4006A120	E40	6	21	27	120	100	36	10	948-001	
995 - E4008A80	E40	8	21	27	80	60	36	10	948-002	
995 - E4010A80	E40	10	24	32	80	60	41	10	948-003	

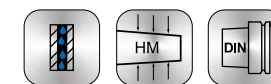
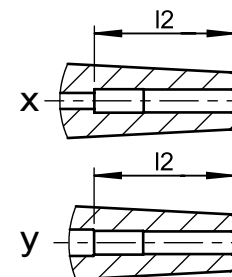
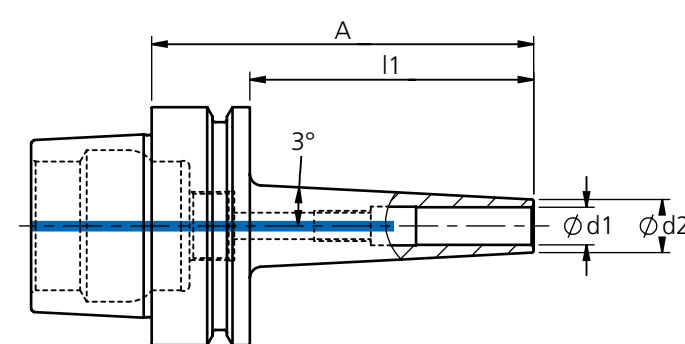
Shrink fit chuck HSK-E50, slim execution 3°
Mandrin de fretage HSK-E50, exécution mince 3°
Mandrini per calettamento a caldo HSK-E50, rastremazione 3°



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Bestell-Nr. order number No.	HSK	Ø d1	Ø d2	Ø d3	A	l1	l2	x	y	
915 - E500350	E50	3	11	-	76	50	12		x	G2,5/25.000 oder/or U<1gmm
915 - E500375	E50	3	11	-	101	75	12		x	
915 - E5003100	E50	3	11	-	126	100	12		x	
915 - E5003125	E50	3	11	-	151	125	12		x	
915 - E5003150	E50	3	11	-	176	150	12		x	
915 - E500450	E50	4	11	-	76	50	16		x	
915 - E500475	E50	4	11	-	101	75	16		x	
915 - E5004100	E50	4	11	-	126	100	16		x	
915 - E5004125	E50	4	11	-	151	125	16		x	
915 - E5004150	E50	4	11	-	176	150	16		x	
915 - E500550	E50	5	13	-	76	50	20	x		
915 - E500575	E50	5	13	-	101	75	20		x	
915 - E5005100	E50	5	13	-	126	100	20		x	
915 - E500650	E50	6	15	-	76	50	36	x		
915 - E500675	E50	6	15	-	101	75	36		x	
915 - E5006100	E50	6	15	-	126	100	36		x	
915 - E5006125	E50	6	15	-	151	125	36		x	
915 - E5006150	E50	6	15	-	176	150	36		x	
915 - E500850	E50	8	17	-	76	50	36	x		
915 - E500875	E50	8	17	-	101	75	36	x		
915 - E5008100	E50	8	17	-	126	100	36	x		
915 - E5008125	E50	8	17	-	151	125	36	x		
915 - E5008150	E50	8	17	-	176	150	36	x		
915 - E501050	E50	10	19	-	76	50	41	x		
915 - E501075	E50	10	19	-	101	75	41	x		
915 - E5010100	E50	10	19	-	126	100	41	x		
915 - E5010125	E50	10	19	-	151	125	41	x		
915 - E501250	E50	12	22	-	76	50	47	x		
915 - E501275	E50	12	22	-	101	75	47	x		
915 - E5012100	E50	12	22	-	126	100	47	x		
915 - E5012125	E50	12	22	-	151	125	47	x		
915 - E501450	E50	14	24	-	76	50	47	x		
915 - E501660	E50	16	27	-	86	60	50	x		
915 - E5016100	E50	16	27	-	126	100	50	x		
915 - E501865	E50	18	30	-	91	65	50	x		
915 - E502065	E50	20	33	-	91	65	52	x		
915 - E5020100	E50	20	33	-	126	100	52	x		

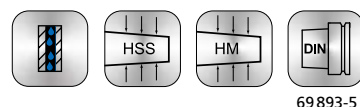
Shrink fit chuck HSK-E50, extra slim execution 3°
Mandrin de frettage HSK-E50, exécution extra mince 3°
Mandrini per calettamento a caldo HSK-E50, extra sottile 3°



69893-5

[illegible]

Shrink fit chuck HSK-E50, standard execution 4,5°, incl. length adjusting screw
Mandrin de frettage HSK-E50, exécution 4,5°, vis de réglage axial inclus
Mandrini per calettamento a caldo HSK-E50, rastremazione 4,5°, inclusa vite per regolazione assiale



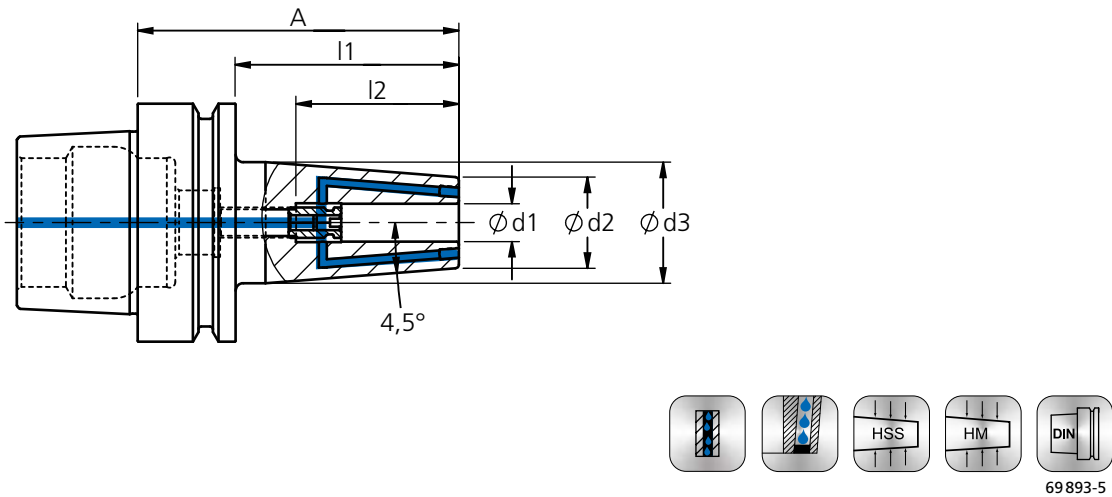
50 rineck

Shrink fit chuck HSK-E50, slim execution 3° with 3 cooling jets Ø1mm
Mandrin de frettage HSK-E50, exécution mince 3° avec 3 canal d'arrosage Ø1mm
Mandrini per calettamento a caldo HSK-E50, rastremazione 3° con N°3 ugelli di adduzione Ø1mm

rineck 51

Schrumpffutter HSK-E50 Ausführung 4,5° mit verschließbaren Kühlkanälen, inklusive Längeneinstellschraube

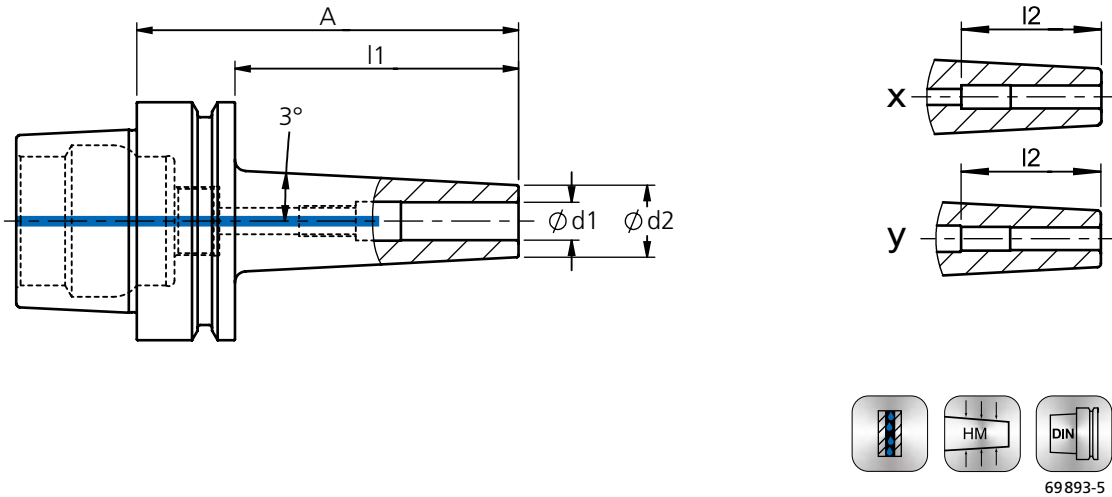
Shrink fit chuck HSK-E50 execution 4,5° with closeable cooling jets, including length adjusting screw
Mandrin de frettage HSK-E50, exécution 4,5° avec canal d'arrosage obturables, vis de réglage axial inclus
Mandrini per calettamento a caldo HSK-E50, rastremazione 4,5° con ugelli di adduzione otturabili, inclusa vite per regolazione assiale



Bestell-Nr. order number No.	HSK	Ø d1	Ø d2	Ø d3	A	l1	l2	l3		
995 - E5004A80	E50	4	14	22	80	54	16	-	-	G2,5/25.000 oder/or U<1gmm
995 - E5006A80	E50	6	21	27	80	54	36	10	948-001	
995 - E5008A80	E50	8	21	27	80	54	36	10	948-002	
995 - E5010A85	E50	10	24	32	85	59	41	10	948-003	
995 - E5012A90	E50	12	24	32	90	64	47	10	948-004	
995 - E5014A90	E50	14	27	34	90	64	47	10	948-004	
995 - E5016A95	E50	16	27	34	95	69	50	10	948-005	
995 - E5018A95	E50	18	33	42	95	69	50	10	948-005	
995 - E5020A100	E50	20	33	42	100	74	52	10	948-006	
										G2,5/25.000 oder/or U<1gmm
										G2,5/25.000 oder/or U<1gmm

Schrumpffutter HSK-E63, schlanke Ausführung 3°

Shrink fit chuck HSK-E63, slim execution 3°
Mandrin de frettage HSK-E63, exécution mince 3°
Mandrini per calettamento a caldo HSK-E63, rastremazione 3°



Bestell-Nr. order number No.	HSK	Ø d1	Ø d2	Ø d3	A	l1	l2	x	y	
915 - E630350	E63	3	11	-	76	50	12		x	G2,5/25.000 oder/or U<1gmm
915 - E630375	E63	3	11	-	101	75	12		x	
915 - E6303100	E63	3	11	-	126	100	12		x	
915 - E630450	E63	4	11	-	76	50	16		x	
915 - E630475	E63	4	11	-	101	75	16		x	
915 - E6304100	E63	4	11	-	126	100	16		x	
915 - E630550	E63	5	13	-	76	50	20	x		
915 - E630575	E63	5	13	-	101	75	20		x	
915 - E6305100	E63	5	13	-	126	100	20		x	
915 - E630650	E63	6	15	-	76	50	36	x		
915 - E630675	E63	6	15	-	101	75	36		x	G2,5/25.000 oder/or U<1gmm
915 - E6306100	E63	6	15	-	126	100	36		x	
915 - E630850	E63	8	17	-	76	50	36	x		
915 - E630875	E63	8	17	-	101	75	36		x	
915 - E6308100	E63	8	17	-	126	100	36		x	
915 - E631050	E63	10	19	-	76	50	41	x		
915 - E631075	E63	10	19	-	101	75	41	x		
915 - E6310100	E63	10	19	-	126	100	41	x		
915 - E631250	E63	12	22	-	76	50	47	x		
915 - E631275	E63	12	22	-	101	75	47	x		G2,5/25.000 oder/or U<1gmm
915 - E6312100	E63	12	22	-	126	100	47	x		
915 - E631660	E63	16	27	-	86	60	50	x		
915 - E6316100	E63	16	27	-	126	100	50	x		
915 - E632065	E63	20	33	-	91	65	52	x		
915 - E6320100	E63	20	33	-	126	100	52	x		