

NYDALOXE
PRECISION

Tool Holding Without Limit

rineck

• Werkzeugtechnik



- Schrumpffutter
Shrink fit chuck
Mandrin de frettage
Mandrini per calettamento a caldo

TOOLS ARE OUR PASSION  MADE IN GERMANY

NYDALOXE Precision (t) +49 (0) 1225 811 666



Tool Holding Without Limit

**Rineck products are exclusively available from
NYDALOXE Precision:**

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(w) www.nydaloxeprecision.com**

**Don't forget! Rineck manufacture their own
Induterm shrink machines, also available
from NYDALOXE Precision. Check out our
catalogue for more information.**

INHALTSVERZEICHNIS

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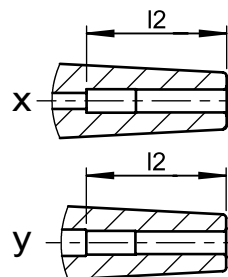
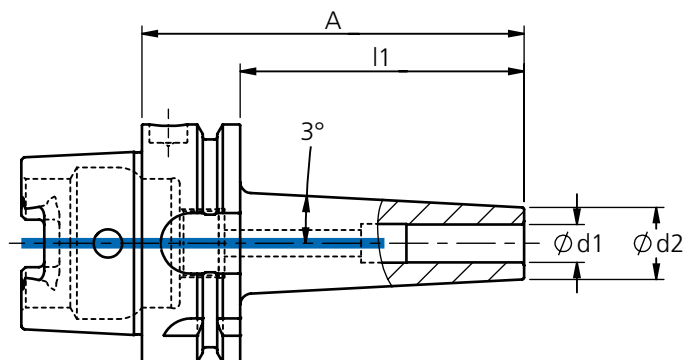
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Shrink fit chuck HSK-A32, slim execution 3°
Mandrin de frettage HSK-A32, exécution mince 3°
Mandrini per calettamento a caldo HSK-A32, rastremazione 3°

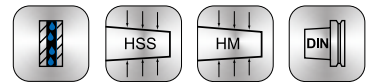
Mandri per calettamento a caldo HSK-A32, rastremazione 3°



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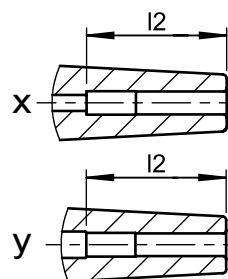
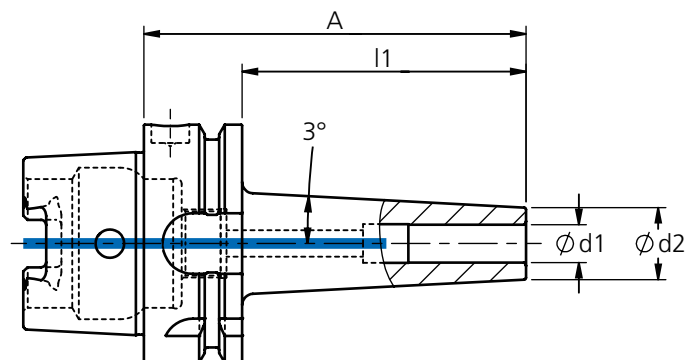
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Mandrini per calettamento a caldo HSK-A32, rastremazione 4,5°, inclusa vite per regolazione assiale

[illegible]

Shrink fit chuck HSK-A40, slim execution 3°
Mandrin de frettage HSK-A40, exécution mince 3°
Mandrini per calettamento a caldo HSK-A40, rastremazione 3°

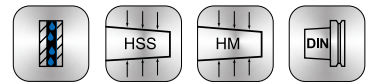
Mandrini per calettamento a caldo HSK-A40, rastremazione 3°



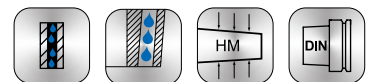
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Mandrini per calettamento a caldo HSK-A40, rastremazione 4,5°, inclusa vite per regolazione assiale

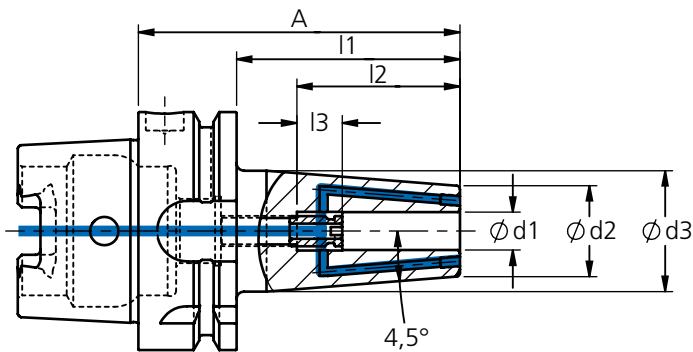
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Shrink fit chuck HSK-A40, slim execution 3° with 3 cooling jets Ø1mm
Mandrin de frettage HSK-A40, exécution mince 3° avec 3 canal d'arrosage Ø1mm
Mandrini per calettamento a caldo HSK-A40, rastremazione 3° con N°3 ugelli di adduzione Ø1mm

[illegible]

Schrumpffutter HSK-A40 Ausführung 4,5° mit verschließbaren Kühlkanälen, inklusive Längeneinstellschraube

Shrink fit chuck HSK-A40 execution 4,5° with closeable cooling jets, including length adjusting screw
Mandrin de frettage HSK-A40, exécution 4,5° avec canal d'arrosage obturables, vis de réglage axial inclus
Mandrini per calettamento a caldo HSK-A40, rastremazione 4,5° con ugelli di adduzione otturabili, inclusa vite per regolazione assiale

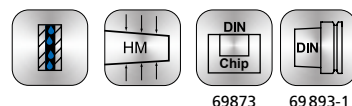
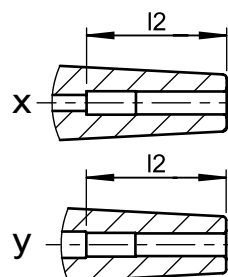
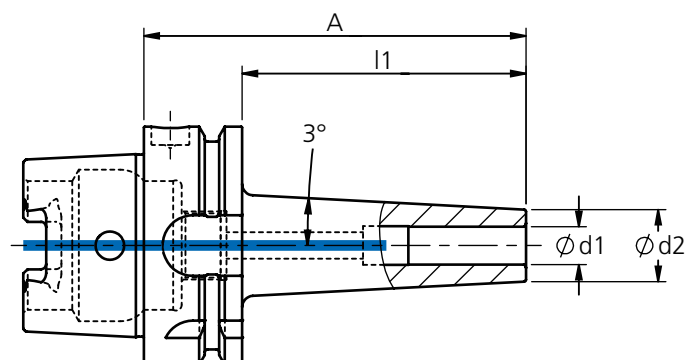


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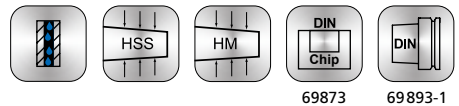
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995 - A4006A80	A40	6	21	27	80	60	36	10	948-001	
995 - A4008A80	A40	8	21	27	80	60	36	10	948-002	
995 - A4010A80	A40	10	24	32	80	60	41	10	948-003	
995 - A4012A90	A40	12	24	32	90	70	47	10	948-004	
995 - A4016A90	A40	16	27	34	90	70	50	10	948-005	

Shrink fit chuck HSK-A50, slim execution 3°
Mandrin de frettage HSK-A50, exécution mince 3°
Mandrini per calettamento a caldo HSK-A50, rastremazione 3°

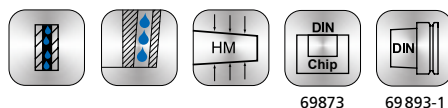
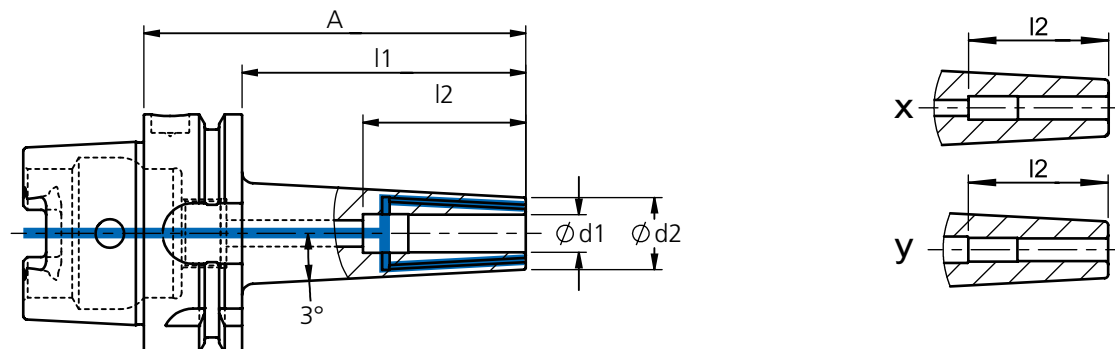
Mandrini per calettamento a caldo HSK-A50, rastremazione 3°

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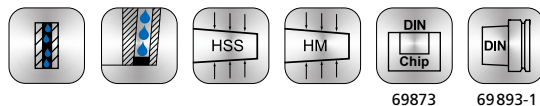
Mandrini per calettamento a caldo HSK-A50, rastremazione 4,5°, inclusa vite per regolazione assiale

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Shrink fit chuck HSK-A50, slim execution 3° with 3 cooling jets Ø1mm
Mandrin de frettage HSK-A50, exécution mince 3° avec 3 canal d'arrosage Ø1mm
Mandrini per calettamento a caldo HSK-A50, rastremazione 3° con N°3 ugelli di adduzione Ø1mm

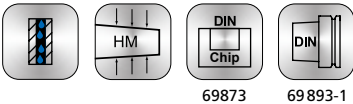
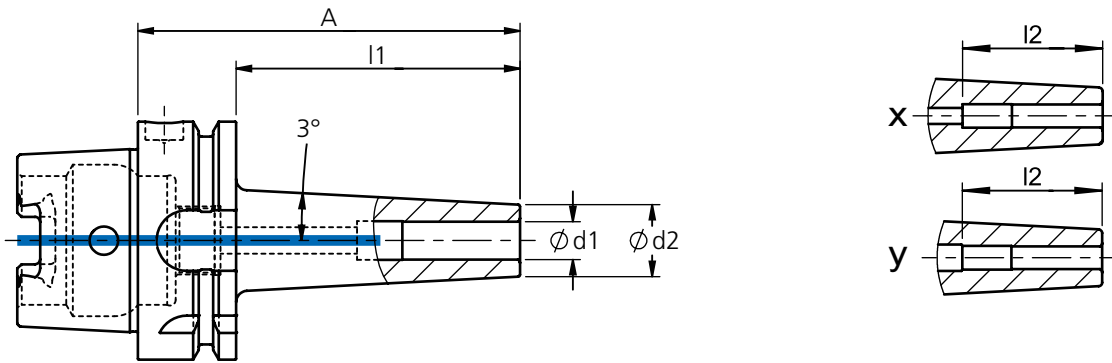
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Shrink fit chuck HSK-A50 execution 4,5° with closeable cooling jets, including length adjusting screw
Mandrin de fretage HSK-A50, exécution 4,5° avec canal d'arrosage obturables, vis de réglage axial inclus
Mandrini per calettamento a caldo HSK-A50, rastremazione 4,5° con ugelli di adduzione otturabili,
inclusa vite per regolazione assiale

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Schrumpffutter HSK-A63, schlanke Ausführung 3°

Shrink fit chuck HSK-A63, slim execution 3°
Mandrin de frettage HSK-A63, exécution mince 3°
Mandrini per calettamento a caldo HSK-A63, rastremazione 3°



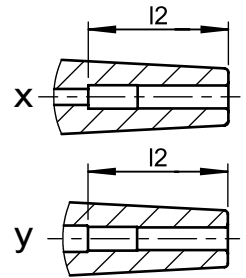
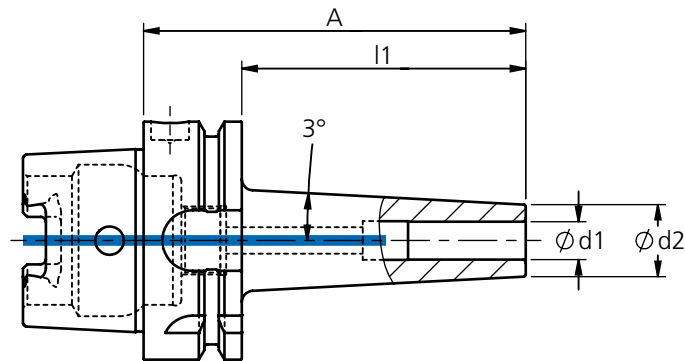
Bestell-Nr. order number No.	HSK	Ø d1	Ø d2	Ø d3	A	l1	l2	x	y	
915 - A630350	A63	3	11	-	76	50	12		x	G2,5/25.000 oder/or U<1gmm
915 - A630375	A63	3	11	-	101	75	12		x	
915 - A6303100	A63	3	11	-	126	100	12		x	
915 - A6303150	A63	3	11	-	176	150	12		x	
915 - A6303200	A63	3	11	-	226	200	12		x	
915 - A6303300	A63	3	11	-	326	300	12		x	
915 - A630450	A63	4	11	-	76	50	16		x	
915 - A630475	A63	4	11	-	101	75	16		x	
915 - A6304100	A63	4	11	-	126	100	16		x	
915 - A6304150	A63	4	11	-	176	150	16		x	
915 - A6304200	A63	4	11	-	226	200	16		x	
915 - A6304300	A63	4	11	-	326	300	16		x	
915 - A630550	A63	5	13	-	76	50	20	x		
915 - A630575	A63	5	13	-	101	75	20		x	
915 - A6305100	A63	5	13	-	126	100	20		x	
915 - A6305150	A63	5	13	-	176	150	20	x		
915 - A6305200	A63	5	13	-	226	200	20	x		
915 - A630650	A63	6	15	-	76	50	36	x		
915 - A630675	A63	6	15	-	101	75	36		x	
915 - A6306100	A63	6	15	-	126	100	36		x	
915 - A6306125	A63	6	15	-	151	125	36		x	
915 - A6306150	A63	6	15	-	176	150	36		x	
915 - A6306175	A63	6	15	-	201	175	36		x	
915 - A6306200	A63	6	15	-	226	200	36		x	
915 - A6306250	A63	6	15	-	276	250	36	x		
915 - A6306300	A63	6	15	-	326	300	36	x		
915 - A6306350	A63	6	15	-	376	350	36	x		
915 - A630850	A63	8	17	-	76	50	36	x		
915 - A630875	A63	8	17	-	101	75	36		x	
915 - A6308100	A63	8	17	-	126	100	36		x	
915 - A6308125	A63	8	17	-	151	125	36		x	
915 - A6308150	A63	8	17	-	176	150	36		x	
915 - A6308175	A63	8	17	-	201	175	36		x	
915 - A6308200	A63	8	17	-	226	200	36		x	
915 - A6308250	A63	8	17	-	276	250	36	x		
915 - A6308300	A63	8	17	-	326	300	36	x		
915 - A6308350	A63	8	17	-	376	350	36	x		

Schrumpffutter HSK-A63, schlanke Ausführung 3°

Shrink fit chuck HSK-A63, slim execution 3°

Mandrin de frettage HSK-A63, exécution mince 3°

Mandriini per calettamento a caldo HSK-A63, rastremazione 3°



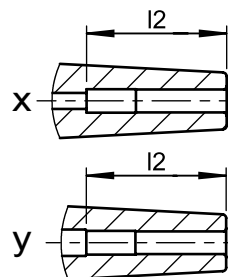
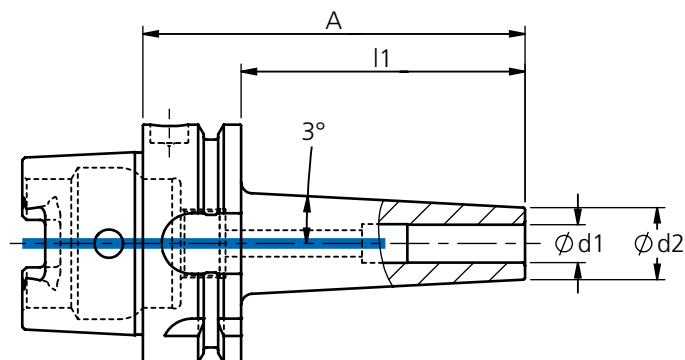
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Bestell-Nr. order number No.	HSK	Ø d1	Ø d2	Ø d3	A	l1	l2	x	y	
915 - A631050	A63	10	19	-	76	50	41	x		G2,5/25.000 oder/or U<1gmm
915 - A631075	A63	10	19	-	101	75	41	x		
915 - A6310100	A63	10	19	-	126	100	41	x		
915 - A6310125	A63	10	19	-	151	125	41	x		
915 - A6310150	A63	10	19	-	176	150	41	x		
915 - A6310175	A63	10	19	-	201	175	41	x		
915 - A6310200	A63	10	19	-	226	200	41	x		
915 - A6310250	A63	10	19	-	251	250	41	x		
915 - A6310300	A63	10	19	-	326	300	41	x		
915 - A6310350	A63	10	19	-	376	350	41	x		
915 - A631250	A63	12	22	-	76	50	47	x		
915 - A631275	A63	12	22	-	101	75	47	x		
915 - A6312100	A63	12	22	-	126	100	47	x		
915 - A6312125	A63	12	22	-	151	125	47	x		
915 - A6312150	A63	12	22	-	176	150	47	x		
915 - A6312175	A63	12	22	-	201	175	47	x		
915 - A6312200	A63	12	22	-	226	200	47	x		
915 - A6312250	A63	12	22	-	276	250	47	x		
915 - A6312300	A63	12	22	-	326	300	47	x		
915 - A6312350	A63	12	22	-	376	350	47	x		
915 - A631450	A63	14	24	-	76	50	47	x		
915 - A6314100	A63	14	24	-	126	100	47	x		
915 - A6314150	A63	14	24	-	176	150	47	x		
915 - A6314200	A63	14	24	-	226	200	47	x		
915 - A6314250	A63	14	24	-	276	250	47	x		
915 - A6314300	A63	14	24	-	326	300	47	x		
915 - A6314350	A63	14	24	-	376	350	47	x		
915 - A631660	A63	16	27	-	86	60	50	x		
915 - A631675	A63	16	27	-	101	75	50	x		
915 - A6316100	A63	16	27	-	126	100	50	x		
915 - A6316150	A63	16	27	-	176	150	50	x		
915 - A6316200	A63	16	27	-	226	200	50	x		
915 - A6316250	A63	16	27	-	276	250	50	x		
915 - A6316300	A63	16	27	-	326	300	50	x		
915 - A6316350	A63	16	27	-	376	350	50	x		
915 - A631865	A63	18	30	-	91	65	50	x		
915 - A6318100	A63	18	30	-	126	100	50	x		

Shrink fit chuck HSK-A63, slim execution 3°
Mandrin de frettage HSK-A63, exécution mince 3°
Mandrini per calettamento a caldo HSK-A63, rastremazione 3°

Mandri per calettamento a caldo HSK-A63, rastremazione 3°



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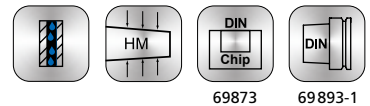
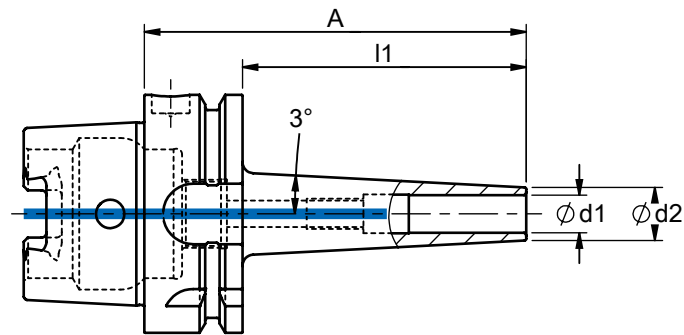
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Schrumpffutter HSK-A63, extra schlanke Ausführung 3°

Shrink fit chuck HSK-A63, extra slim execution 3°

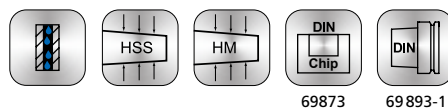
Mandrin de frettage HSK-A63, exécution extra mince 3°

Mandriini per calettamento a caldo HSK-A63, extra sottile 3°



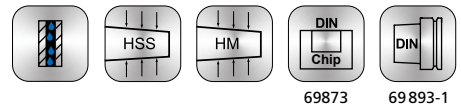
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925 - A630375	A63	3	7	-	101	75	12		x	
925 - A6303100	A63	3	7	-	126	100	12		x	
925 - A6303150	A63	3	7	-	176	150	12		x	
925 - A630450	A63	4	8	-	76	50	16		x	
925 - A630475	A63	4	8	-	101	75	16		x	
925 - A6304100	A63	4	8	-	126	100	16		x	
925 - A6304150	A63	4	8	-	176	150	16		x	
925 - A6305150	A63	5	9	-	176	150	20	x		
925 - A630650	A63	6	10	-	76	50	36	x		
925 - A630675	A63	6	10	-	101	75	36	x		
925 - A6306100	A63	6	10	-	126	100	36	x		
925 - A6306125	A63	6	10	-	151	125	36	x		
925 - A6306150	A63	6	10	-	176	150	36	x		
925 - A6306200	A63	6	10	-	226	200	36	x		
925 - A6306250	A63	6	10	-	276	250	36	x		
925 - A6306300	A63	6	10	-	326	300	36	x		
925 - A630850	A63	8	12	-	76	50	36	x		
925 - A630875	A63	8	12	-	101	75	36	x		
925 - A6308100	A63	8	12	-	126	100	36	x		
925 - A6308150	A63	8	12	-	176	150	36	x		
925 - A6308200	A63	8	12	-	226	200	36	x		
925 - A6308250	A63	8	12	-	276	250	36	x		
925 - A6308300	A63	8	12	-	326	300	36	x		
925 - A631050	A63	10	14	-	76	50	41	x		
925 - A631075	A63	10	14	-	101	75	41	x		
925 - A6310100	A63	10	14	-	126	100	41	x		
925 - A6310150	A63	10	14	-	176	150	41	x		
925 - A6310200	A63	10	14	-	226	200	41	x		
925 - A6310250	A63	10	14	-	276	250	41	x		
925 - A6310300	A63	10	14	-	326	300	41	x		
925 - A631275	A63	12	16	-	101	75	47	x		
925 - A6312100	A63	12	16	-	126	100	47	x		
925 - A6312150	A63	12	16	-	176	150	47	x		
925 - A6312200	A63	12	16	-	226	200	47	x		

Mandrini per calettamento a caldo HSK-A63, rastremazione 4,5°, inclusa vite per regolazione assiale



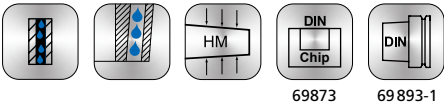
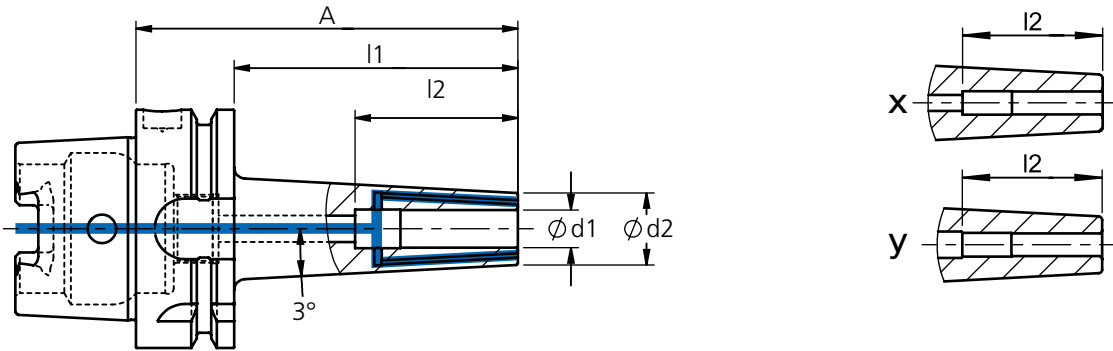
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Mandrini per calettamento a caldo HSK-A63, rastremazione 4,5°, inclusa vite per regolazione assiale

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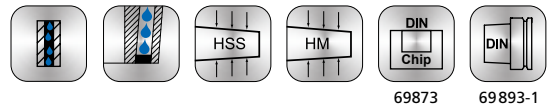
Schrumpffutter HSK-A63, schlanke Ausführung 3° mit 3 Kühlkanälen Ø1mm

Shrink fit chuck HSK-A63, slim execution 3° with 3 cooling jets Ø1mm
Mandrin de frettage HSK-A63, exécution mince 3° avec 3 canal d'arrosage Ø1mm
Mandrini per calettamento a caldo HSK-A63, rastremazione 3° con N°3 ugelli di adduzione Ø1mm



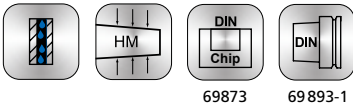
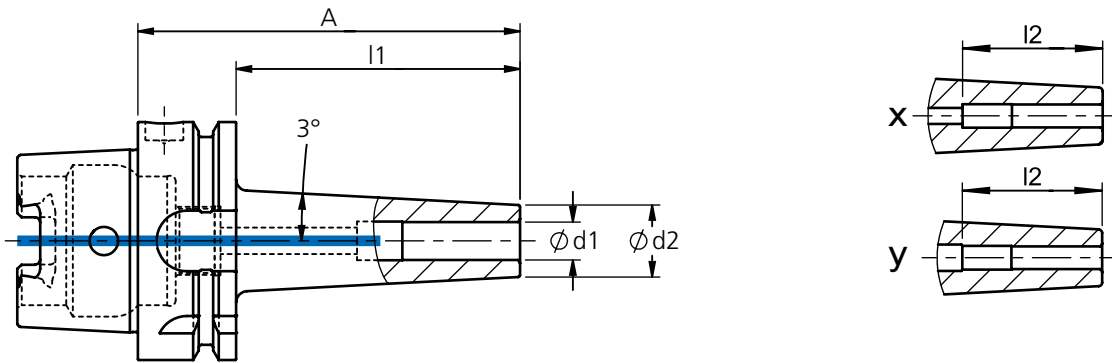
Bestell-Nr. order number No.	HSK	Ø d1	Ø d2	Ø d3	A	l1	l2	x	y	
996 - A630350	A63	3	11	-	76	50	12		x	G2,5/25.000 oder/or U<1gmm
996 - A630375	A63	3	11	-	101	75	12		x	
996 - A6303100	A63	3	11	-	126	100	12		x	
996 - A630450	A63	4	11	-	76	50	16		x	
996 - A630475	A63	4	11	-	101	75	16		x	
996 - A6304100	A63	4	11	-	126	100	16		x	
996 - A6304150	A63	4	11	-	176	150	16		x	
996 - A6304200	A63	4	11	-	226	200	16		x	
996 - A6304300	A63	4	11	-	326	300	16		x	
996 - A630575	A63	5	13	-	101	75	20		x	
996 - A6305100	A63	5	13	-	126	100	20		x	
996 - A6305150	A63	5	13	-	176	150	20	x		
996 - A630650	A63	6	15	-	76	50	36	x		
996 - A630675	A63	6	15	-	101	75	36		x	
996 - A6306100	A63	6	15	-	126	100	36		x	
996 - A6306125	A63	6	15	-	151	125	36		x	
996 - A6306150	A63	6	15	-	176	150	36		x	
996 - A6306200	A63	6	15	-	226	200	36		x	
996 - A630850	A63	8	17	-	76	50	36	x		
996 - A630875	A63	8	17	-	101	75	36		x	
996 - A6308100	A63	8	17	-	126	100	36		x	
996 - A6308125	A63	8	17	-	151	125	36		x	
996 - A6308150	A63	8	17	-	176	150	36		x	
996 - A6308200	A63	8	17	-	226	200	36		x	
996 - A631050	A63	10	19	-	76	50	41	x		
996 - A631075	A63	10	19	-	101	75	41	x		
996 - A6310100	A63	10	19	-	126	100	41	x		
996 - A6310125	A63	10	19	-	151	125	41	x		
996 - A6310150	A63	10	19	-	176	150	41	x		
996 - A6310200	A63	10	19	-	226	200	41	x		
996 - A631250	A63	12	22	-	76	50	47	x		
996 - A631275	A63	12	22	-	101	75	47	x		
996 - A6312100	A63	12	22	-	126	100	47	x		
996 - A6312125	A63	12	22	-	151	125	47	x		
996 - A6312150	A63	12	22	-	176	150	47	x		
996 - A6312200	A63	12	22	-	226	200	47	x		

Shrink fit chuck HSK-A63 execution 4,5° with closeable cooling jets, including length adjusting screw
Mandrin de frettage HSK-A63, exécution 4,5° avec canal d'arrosage obturables, vis de réglage axial inclus
Mandrini per calettamento a caldo HSK-A63, rastremazione 4,5° con ugelli di adduzione otturabili,
inclusa vite per regolazione assiale

rineck 21

Schrumpffutter HSK-A80, schlanke Ausführung 3°

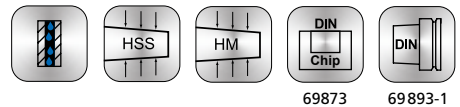
Shrink fit chuck HSK-A80, slim execution 3°
Mandrin de frettage HSK-A80, exécution mince 3°
Mandrini per calettamento a caldo HSK-A80, rastremazione 3°



Bestell-Nr. order number No.	HSK	Ø d1	Ø d2	Ø d3	A	l1	l2	x	y	
915 - A800450	A80	4	11	-	76	50	16		x	
915 - A800475	A80	4	11	-	101	75	16		x	
915 - A8004100	A80	4	11	-	126	100	16		x	
915 - A8004150	A80	4	11	-	176	150	16		x	
915 - A8004200	A80	4	11	-	226	200	16		x	
915 - A800650	A80	6	15	-	76	50	36	x		
915 - A800675	A80	6	15	-	101	75	36		x	
915 - A8006100	A80	6	15	-	126	100	36		x	
915 - A8006150	A80	6	15	-	176	150	36		x	
915 - A8006200	A80	6	15	-	226	200	36		x	
915 - A8006300	A80	6	15	-	326	300	36	x		
915 - A800850	A80	8	17	-	76	50	36	x		
915 - A800875	A80	8	17	-	101	75	36		x	
915 - A8008100	A80	8	17	-	126	100	36		x	
915 - A8008150	A80	8	17	-	176	150	36		x	
915 - A8008200	A80	8	17	-	226	200	36		x	
915 - A801050	A80	10	19	-	76	50	41	x		
915 - A801075	A80	10	19	-	101	75	41		x	
915 - A8010100	A80	10	19	-	126	100	41		x	
915 - A8010150	A80	10	19	-	176	150	41		x	
915 - A8010200	A80	10	19	-	226	200	41		x	
915 - A801250	A80	12	22	-	76	50	47	x		
915 - A801275	A80	12	22	-	101	75	47	x		
915 - A8012100	A80	12	22	-	126	100	47	x		
915 - A8012150	A80	12	22	-	176	150	47	x		
915 - A8012200	A80	12	22	-	226	200	47	x		
915 - A801450	A80	14	24	-	76	50	47	x		
915 - A801660	A80	16	27	-	86	60	50	x		
915 - A8016100	A80	16	27	-	126	100	50	x		
915 - A8016150	A80	16	27	-	176	150	50	x		
915 - A8016200	A80	16	27	-	226	200	50	x		
915 - A801865	A80	18	30	-	91	65	50	x		
915 - A802065	A80	20	33	-	91	65	52	x		
915 - A8020100	A80	20	33	-	126	100	52	x		
915 - A8020150	A80	20	33	-	176	150	52	x		
915 - A8020200	A80	20	33	-	226	200	52	x		

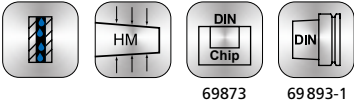
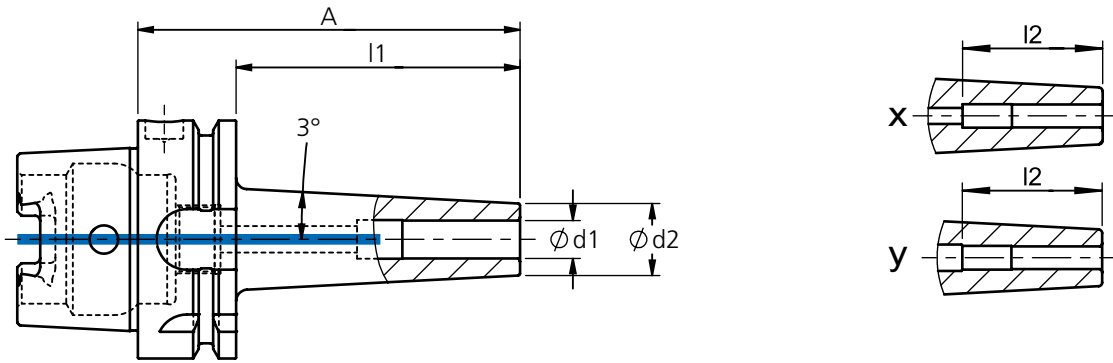
G2,5/15.000

Mandrini per calettamento a caldo HSK-A80, rastremazione 4,5°, inclusa vite per regolazione assiale

rineck 23

Schrumpffutter HSK-A100, schlanke Ausführung 3°

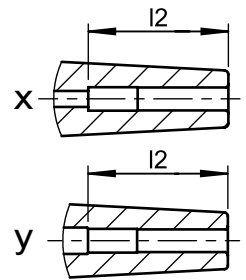
Shrink fit chuck HSK-A100, slim execution 3°
Mandrin de frettage HSK-A100, exécution mince 3°
Mandrini per calettamento a caldo HSK-A100, rastremazione 3°



Bestell-Nr. order number No.	HSK	Ø d1	Ø d2	Ø d3	A	l1	l2	x	y	
915 - A10003100	A100	3	11	-	129	100	12		x	 G2,5/15.000
915 - A10003150	A100	3	11	-	179	150	12		x	
915 - A10003200	A100	3	11	-	229	200	12		x	
915 - A1000450	A100	4	11	-	87	50	16		x	
915 - A1000475	A100	4	11	-	104	75	16		x	
915 - A10004100	A100	4	11	-	129	100	16		x	
915 - A10004150	A100	4	11	-	179	150	16		x	
915 - A10004200	A100	4	11	-	229	200	16		x	
915 - A10005100	A100	5	13	-	129	100	20		x	
915 - A10005150	A100	5	13	-	179	150	20		x	
915 - A1000658	A100	6	15	-	87	50	36	x		
915 - A1000675	A100	6	15	-	104	75	36		x	
915 - A10006100	A100	6	15	-	129	100	36		x	
915 - A10006150	A100	6	15	-	179	150	36		x	
915 - A10006200	A100	6	15	-	229	200	36		x	
915 - A10006300	A100	6	15	-	329	300	36			
915 - A1000858	A100	8	17	-	87	50	36	x		
915 - A1000875	A100	8	17	-	104	75	36		x	
915 - A10008100	A100	8	17	-	129	100	36		x	
915 - A10008150	A100	8	17	-	179	150	36		x	
915 - A10008200	A100	8	17	-	229	200	36		x	
915 - A10008300	A100	8	17	-	329	300	36	x		
915 - A1001050	A100	10	19	-	79	50	41	x		
915 - A1001075	A100	10	19	-	104	75	41		x	
915 - A10010100	A100	10	19	-	129	100	41		x	
915 - A10010150	A100	10	19	-	179	150	41		x	
915 - A10010200	A100	10	19	-	229	200	41		x	
915 - A10010300	A100	10	19	-	329	300	41	x		
915 - A1001250	A100	12	22	-	79	50	47	x		
915 - A1001275	A100	12	22	-	104	75	47	x		
915 - A10012100	A100	12	22	-	129	100	47	x		
915 - A10012150	A100	12	22	-	179	150	47	x		
915 - A10012200	A100	12	22	-	229	200	47	x		
915 - A10012300	A100	12	22	-	329	300	47	x		

Shrink fit chuck HSK-A100, slim execution 3°
Mandrin de frettage HSK-A100, exécution mince 3°
Mandrini per calettamento a caldo HSK-A100, rastremazione 3°

Mandrini per calettamento a caldo HSK-A100, rastremazione 3°

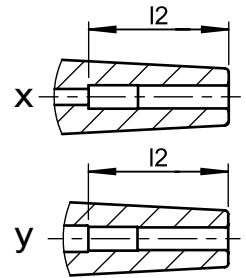


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Shrink fit chuck HSK-A100, extra slim execution 3°

Mandrini per calettamento a caldo HSK-A100, extra sottile 3°



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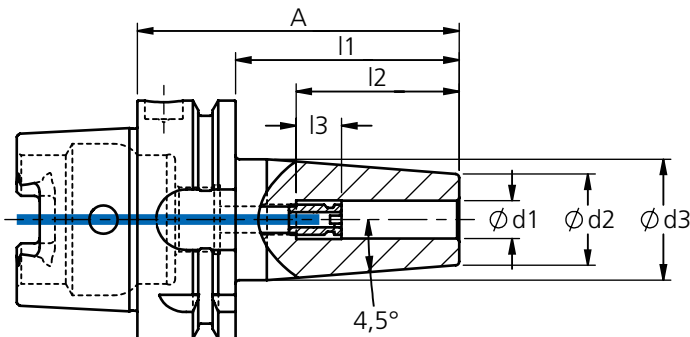
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Schrumpffutter HSK-A100, standard Ausführung 4,5°,inkl. Längeneinstellschraube

Shrink fit chuck HSK-A100, standard execution 4,5°, incl. length adjusting screw

Mandrin de frettage HSK-A100, exécution 4,5°, vis de réglage axial inclus

Mandrini per calettamento a caldo HSK-A100, rastremazione 4,5°, inclusa vite per regolazione assiale

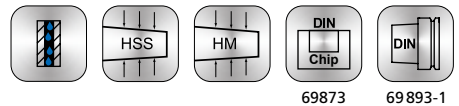


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Bestell-Nr. order number No.	HSK	Ø d1	Ø d2	Ø d3	A	l1	l2	l3		
985 - A10003A120	A100	3	11	15	120	91	12	-	-	G2,5/15.000
985 - A10004A85	A100	4	14	22	85	56	16	-	-	
985 - A10004A120	A100	4	14	22	120	91	16	-	-	
985 - A10005A85	A100	5	16	22	85	56	20	-	-	
985 - A10006A85	A100	6	21	27	85	56	36	10	948-001	
985 - A10006A120	A100	6	21	27	120	91	36	10	948-001	
985 - A10006A160	A100	6	21	27	160	131	36	10	948-001	
985 - A10006A200	A100	6	21	27	200	171	36	10	948-001	
985 - A10006A250	A100	6	21	27	250	221	36	10	948-001	
985 - A10007A120	A100	7	21	27	120	91	36	10	948-002	
985 - A10008A85	A100	8	21	27	85	56	36	10	948-002	
985 - A10008A120	A100	8	21	27	120	91	36	10	948-002	
985 - A10008A160	A100	8	21	27	160	131	36	10	948-002	
985 - A10008A200	A100	8	21	27	200	171	36	10	948-002	
985 - A10008A250	A100	8	21	27	250	221	36	10	948-002	
985 - A10009A120	A100	9	24	32	120	91	41	10	948-003	
985 - A10010A90	A100	10	24	32	90	61	41	10	948-003	
985 - A10010A120	A100	10	24	32	120	91	41	10	948-003	
985 - A10010A160	A100	10	24	32	160	131	41	10	948-003	
985 - A10010A200	A100	10	24	32	200	171	41	10	948-003	
985 - A10010A250	A100	10	24	32	250	221	41	10	948-003	
985 - A10011A120	A100	11	24	32	120	91	47	10	948-004	
985 - A10012A95	A100	12	24	32	95	66	47	10	948-004	
985 - A10012A120	A100	12	24	32	120	91	47	10	948-004	
985 - A10012A160	A100	12	24	32	160	131	47	10	948-004	
985 - A10012A200	A100	12	24	32	200	171	47	10	948-004	
985 - A10012A250	A100	12	24	32	250	221	47	10	948-004	
985 - A10013A120	A100	13	27	34	120	91	47	10	948-004	
985 - A10014A95	A100	14	27	34	95	66	47	10	948-004	
985 - A10014A120	A100	14	27	34	120	91	47	10	948-004	
985 - A10014A160	A100	14	27	34	160	131	47	10	948-004	
985 - A10014A200	A100	14	27	34	200	171	47	10	948-004	
985 - A10014A250	A100	14	27	34	250	221	47	10	948-004	
985 - A10015A100	A100	15	27	34	100	71	50	10	948-005	

Mandrini per calettamento a caldo HSK-A100, rastremazione 4,5°, inclusa vite per regolazione assiale

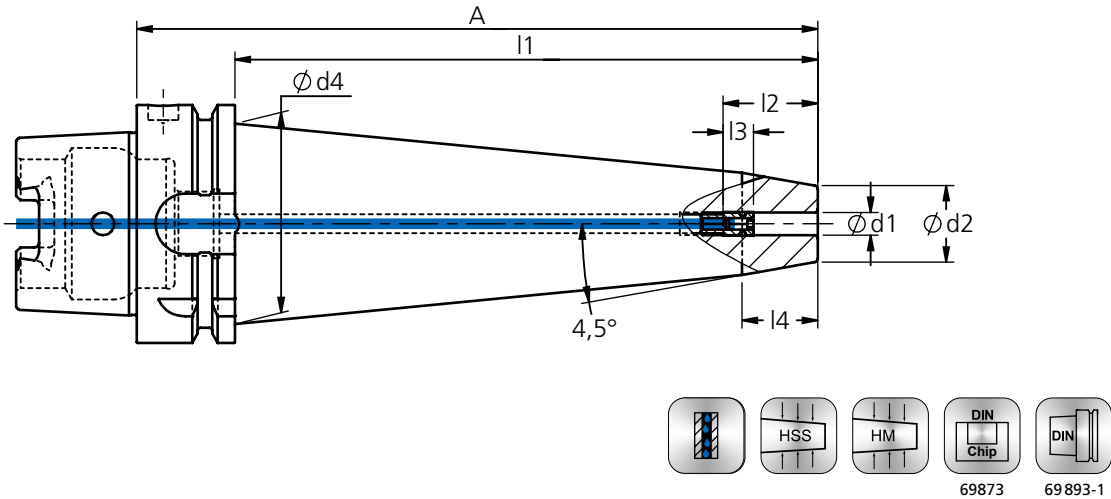
rineck 29

Schrumpffutter HSK-A100, standard Ausführung 4,5°,inkl. Längeneinstellschraube

Shrink fit chuck HSK-A100, standard execution 4,5°, incl. length adjusting screw

Mandrin de frettage HSK-A100, exécution 4,5°, vis de réglage axial inclus

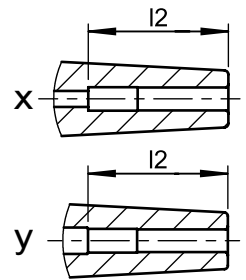
Mandrini per calettamento a caldo HSK-A100, rastremazione 4,5°, inclusa vite per regolazione assiale



Bestell-Nr. order number No.	HSK	Ø d1	Ø d2	Ø d4	A	l1	l2	l3	l4		
985 - A10006A329S	A100	6	21	85	329	300	36	10	60	948-001	G2,5/15.000
985 - A10008A329S	A100	8	21	85	329	300	36	10	60	948-002	
985 - A10010A329S	A100	10	24	85	329	300	41	10	60	948-003	
985 - A10012A329S	A100	12	24	85	329	300	47	10	60	948-004	
985 - A10016A329S	A100	16	27	85	329	300	50	10	60	948-005	
985 - A10020A329S	A100	20	33	85	329	300	52	10	60	948-006	
985 - A10025A329S	A100	25	44	85	329	300	58	10	60	948-006	

Shrink fit chuck HSK-A100, slim execution 3° with 3 cooling jets Ø1mm

Mandrini per calettamento a caldo HSK-A100, rastremazione 3° con N°3 ugelli di adduzione Ø1mm

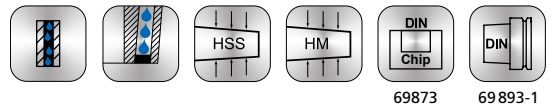


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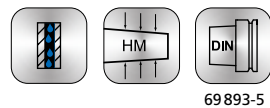
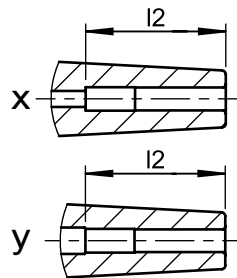
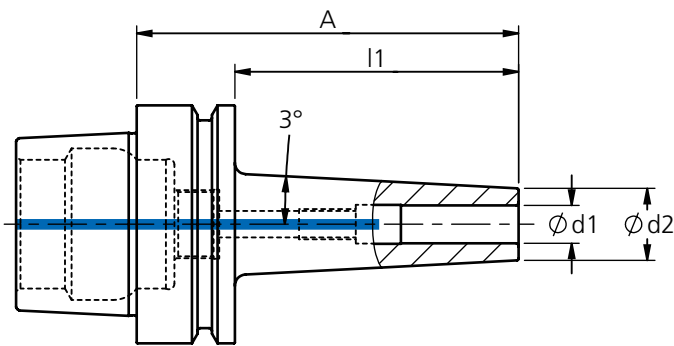


Shrink fit chuck HSK-A100 execution 4,5° with closeable cooling jets, including length adjusting screw
Mandrin de frettage HSK-A100, exécution 4,5° avec canal d'arrosage obturables, vis de réglage axial inclus
Mandrini per calettamento a caldo HSK-A100, rastremazione 4,5° con ugelli di adduzione otturabili,
inclusa vite per regolazione assiale

rineck 33

Schrumpffutter HSK-E20, schlanke Ausführung 3°

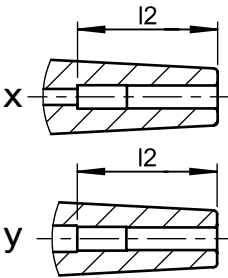
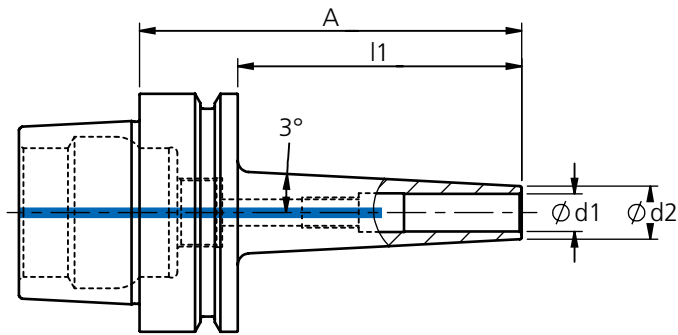
Shrink fit chuck HSK-E20, slim execution 3°
Mandrin de frettage HSK-E20, exécution mince 3°
Mandrini per calettamento a caldo HSK-E20, rastremazione 3°



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°
Mandrins de frettage HSK-E20, exécution extra mince 3°
Mandri per calettamento a caldo HSK-E20, extra sottile 3°

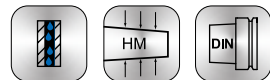
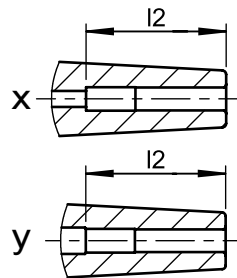
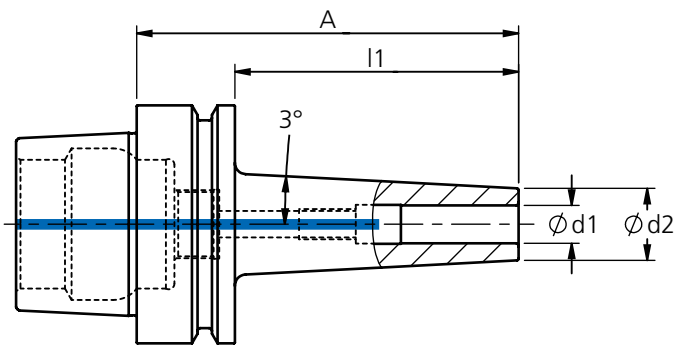


69 893-5

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		
										U<1gmm

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°

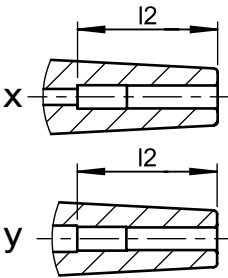
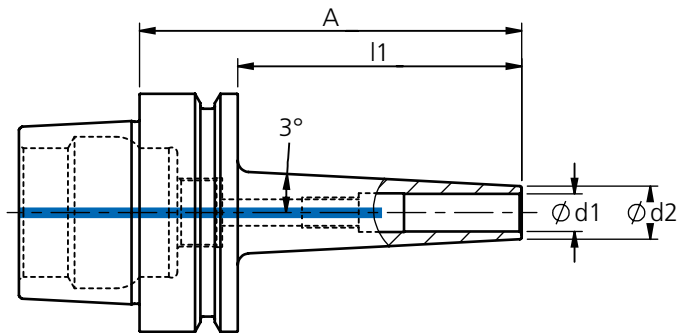


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Bestell-Nr. order number No.	HSK	Ø d1	Ø d2	Ø d3	A	l1	l2	x	y	
915 - E250330	E25	3	11	-	40	30	12		x	 U<1gmm
915 - E250430	E25	4	11	-	40	30	16	x		
915 - E250530	E25	5	13	-	40	30	20	x		
915 - E250635	E25	6	15	-	45	35	36	x		
915 - E250650	E25	6	15	-	60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

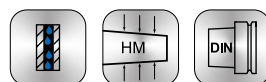
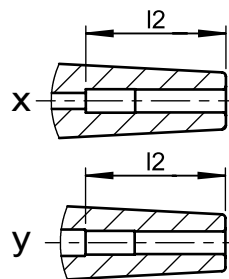
Shrink fit chuck HSK-E25, extra slim execution 3°
Mandrins de frettage HSK-E25, exécution extra mince 3°
Mandrini per calettamento a caldo HSK-E25, extra sottile 3°



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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 frettage HSK-E32, exécution mince 3°
Mandrini per calettamento a caldo HSK-E32, rastremazione 3°

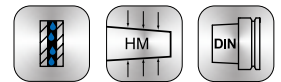
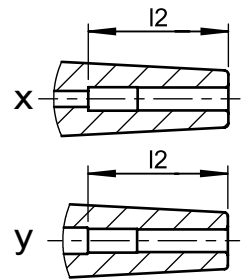


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[illegible]

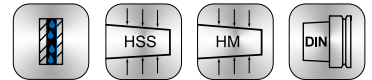
Shrink fit chuck HSK-E32, extra slim execution 3°
Mandrin de frettage HSK-E32, exécution extra mince 3°
Mandrini per calettamento a caldo HSK-E32, extra sottile 3°

Mandrini per calettamento a caldo HSK-E32, extra sottile 3°

[illegible]

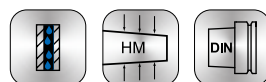
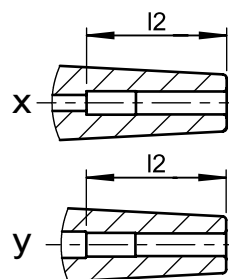


Mandrini per calettamento a caldo HSK-E32, rastremazione 4,5°, inclusa vite per regolazione assiale

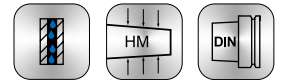
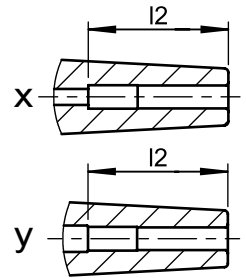
[illegible]

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

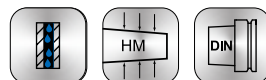
Mandri per calettamento a caldo HSK-E40, rastremazione 3°

[illegible]

Mandrini per calettamento a caldo HSK-E40, extra sottile 3°

[illegible]

Mandrini per calettamento a caldo HSK-E40, rastremazione 4,5°, inclusa vite per regolazione assiale

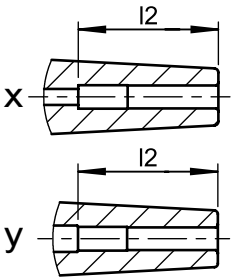
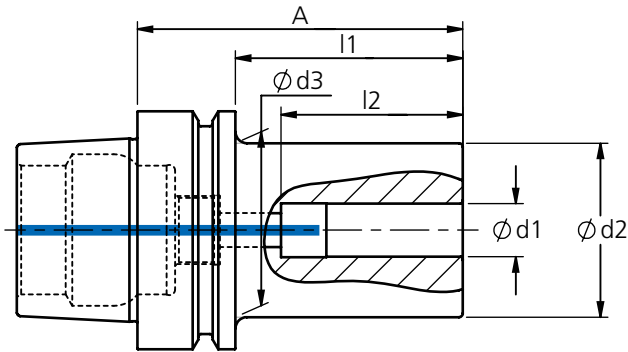


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Schrumpffutter HSK-E40, zylindrische Ausführung

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

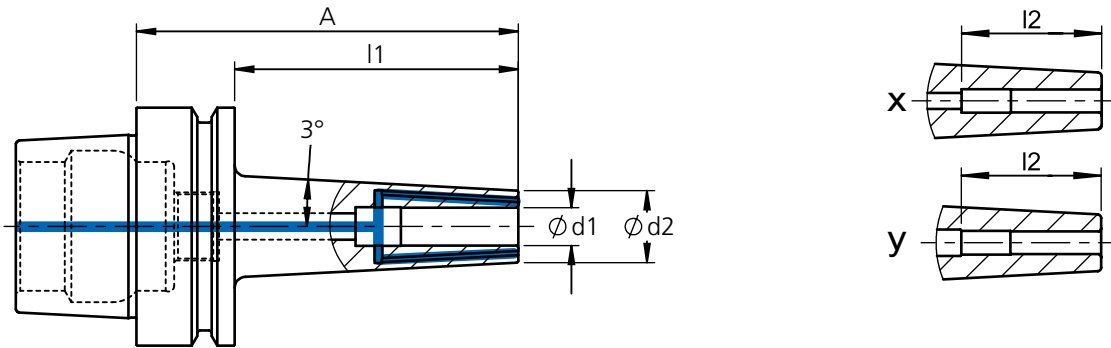


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Bestell-Nr. order number No.	HSK	Ø d1	Ø d2	Ø d3	A	l1	l2	x	y	
988 - E400338	E40	3	30	30	58	38	12		x	U<1gmm
988 - E400438	E40	4	30	30	58	38	16		x	
988 - E400538	E40	5	30	30	58	38	20		x	
988 - E400638	E40	6	30	30	58	38	36	x		
988 - E400838	E40	8	30	30	58	38	36	x		
988 - E401038	E40	10	30	30	58	38	38	x		
988 - E401238	E40	12	30	30	58	38	38	x		
988 - E401438	E40	14	30	30	58	38	38	x		
988 - E401638	E40	16	30	30	58	38	38	x		

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

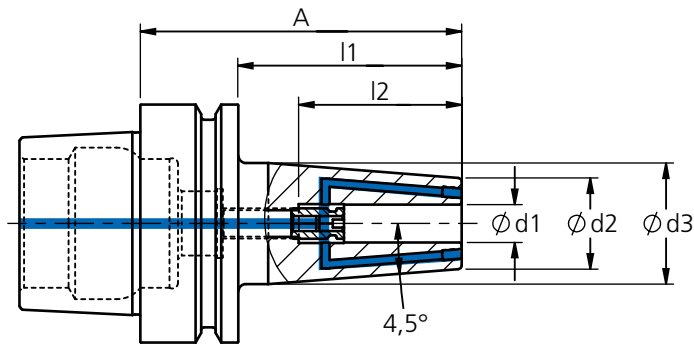


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Bestell-Nr. order number No.	HSK	Ø d1	Ø d2	Ø d3	A	l1	l2	x	y	
996 - E400350	E40	3	11	-	70	50	12		x	G2,5/25.000 oder/or U<1gmm
996 - E400375	E40	3	11	-	95	75	12		x	
996 - E400450	E40	4	11	-	70	50	16		x	
996 - E400475	E40	4	11	-	95	75	16		x	
996 - E400650	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

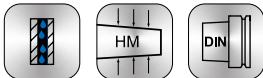
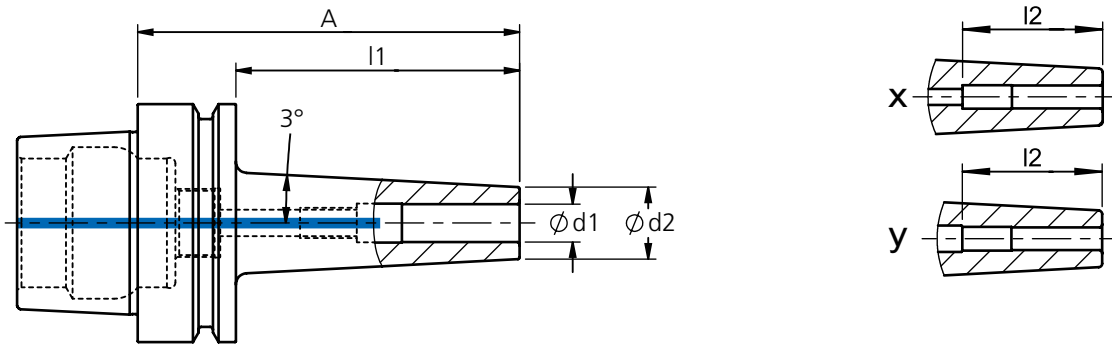


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Bestell-Nr. order number No.	HSK	Ø d1	Ø d2	Ø d3	A	l1	l2	l3		
995 - E4003A60	E40	3	11	15	60	40	12	-	-	G2,5/25.000 oder/or U<1gmm
995 - E4004A70	E40	4	14	21	70	50	16	-	-	
995 - E4004A120	E40	4	14	22	120	100	16	-	-	
995 - E4006A80	E40	6	21	27	80	60	36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

Schrumpffutter HSK-E50, schlanke Ausführung 3°

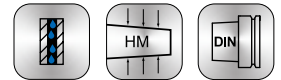
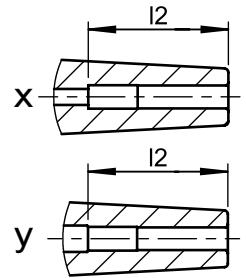
Shrink fit chuck HSK-E50, slim execution 3°
Mandrin de frettage HSK-E50, exécution mince 3°
Mandrini per calettamento a caldo HSK-E50, rastremazione 3°



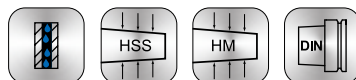
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Bestell-Nr. order number No.	HSK	Ø d1	Ø d2	Ø d3	A	l1	l2	x	y	
915 - E500350	E50	3	11	-	76	50	12		x	G2,5/25.000 oder/or U<1gmm
915 - E500375	E50	3	11	-	101	75	12		x	
915 - E5003100	E50	3	11	-	126	100	12		x	
915 - E5003125	E50	3	11	-	151	125	12		x	
915 - 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		

Mandrini per calettamento a caldo HSK-E50, extra sottile 3°

[illegible]

Mandrini per calettamento a caldo HSK-E50, rastremazione 4,5°, inclusa vite per regolazione assiale

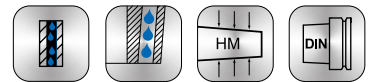
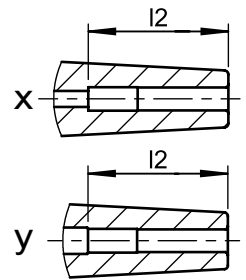


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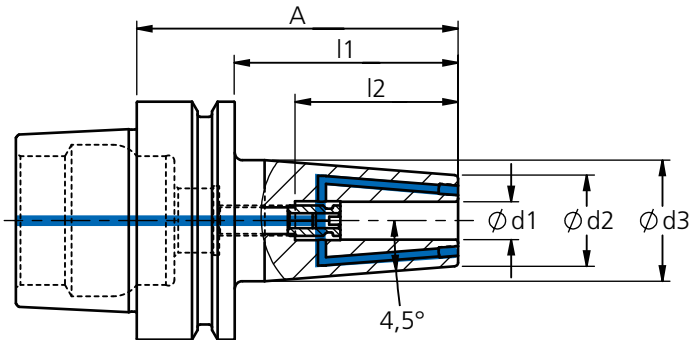
Shrink fit chuck HSK-E50, slim execution 3° with 3 cooling jets Ø1mm

Mandrini per calettamento a caldo HSK-E50, rastremazione 3° con N°3 ugelli di adduzione Ø1mm

[illegible]

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

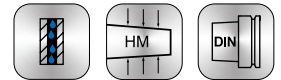
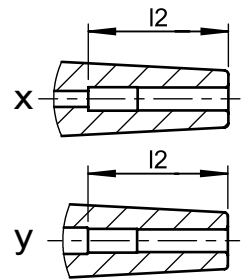


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Bestell-Nr. order number No.	HSK	Ø d1	Ø d2	Ø d3	A	l1	l2	l3		
995 - E5004A80	E50	4	14	22	80	54	16	-	-	G2,5/25.000 oder/or U<1gmm
995 - E5006A80	E50	6	21	27	80	54	36	10	948-001	
995 - E5008A80	E50	8	21	27	80	54	36	10	948-002	
995 - E5010A85	E50	10	24	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	

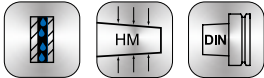
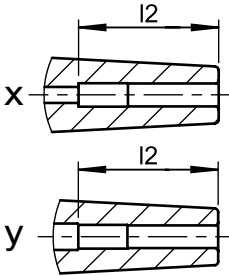
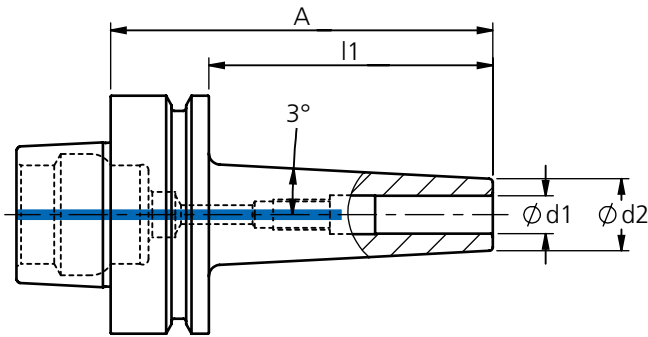
Shrink fit chuck HSK-E63, slim execution 3°

Mandrini per calettamento a caldo HSK-E63, rastremazione 3°

[illegible]

Schrumpffutter HSK-F63, schlanke Ausführung 3°

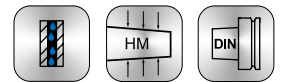
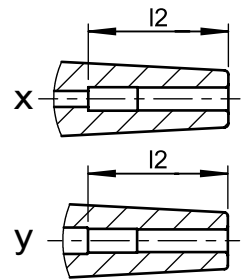
Shrink fit chuck HSK-F63, slim execution 3°
Mandrin de frettage HSK-F63, exécution mince 3°
Mandrini per calettamento a caldo HSK-F63, rastremazione 3°



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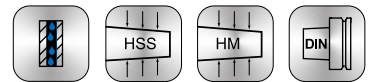
Bestell-Nr. order number No.	HSK	Ø d1	Ø d2	Ø d3	A	l1	l2	x	y	
915 - F630350	F63	3	11	-	76	50	12		x	G2,5/25.000 oder/or U<1gmm
915 - F630375	F63	3	11	-	101	75	12		x	
915 - F6303100	F63	3	11	-	126	100	12		x	
915 - F6303150	F63	3	11	-	176	150	12		x	
915 - F6303200	F63	3	11	-	226	200	12		x	
915 - F630450	F63	4	11	-	76	50	16		x	
915 - F630475	F63	4	11	-	101	75	16		x	
915 - F6304200	F63	4	11	-	226	200	16		x	
915 - F630575	F63	5	13	-	101	75	20		x	
915 - F6305100	F63	5	13	-	126	100	20		x	
915 - F630675	F63	6	15	-	101	75	36		x	
915 - F630850	F63	8	17	-	76	50	36	x		
915 - F630875	F63	8	17	-	101	75	36		x	
915 - F6308100	F63	8	17	-	126	100	36		x	
915 - F6308125	F63	8	17	-	151	125	36	x		
915 - F6308200	F63	8	17	-	226	200	36	x		
915 - F631050	F63	10	19	-	76	50	41	x		
915 - F631075	F63	10	19	-	101	75	41	x		
915 - F6310100	F63	10	19	-	126	100	41	x		
915 - F6310125	F63	10	19	-	151	125	41	x		
915 - F6310200	F63	10	19	-	226	200	41	x		
915 - F6312200	F63	12	22	-	226	200	47	x		
915 - F6314100	F63	14	24	-	126	100	47	x		
915 - F6316200	F63	16	27	-	226	200	50	x		
915 - F631865	F63	18	30	-	91	65	50	x		
915 - F6318100	F63	18	30	-	126	100	50	x		
915 - F632065	F63	20	33	-	91	65	52	x		
915 - F6320100	F63	20	33	-	126	100	52	x		
915 - F632560	F63	25	44	-	86	60	58	x		
915 - F6325100	F63	25	44	-	126	100	58	x		
915 - F6325150	F63	25	44	-	176	150	58	x		

Mandrini per calettamento a caldo HSK-F63, extra sottile 3°

[illegible]

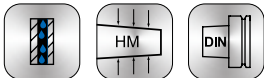
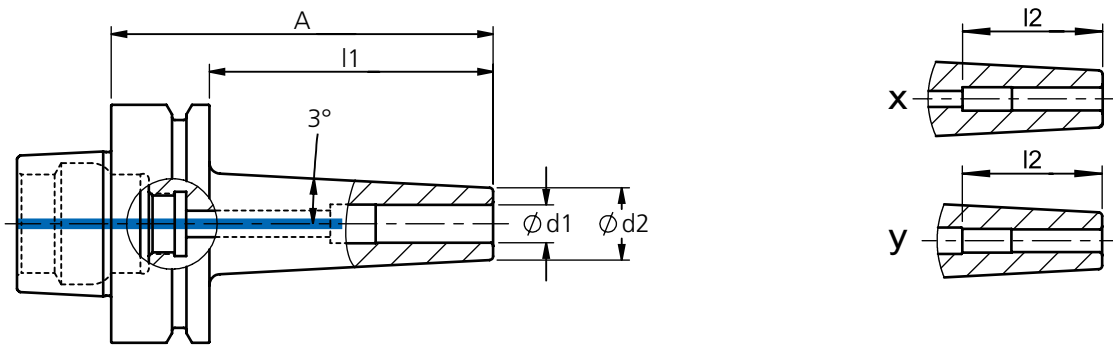


Mandrini per calettamento a caldo HSK-F63, rastremazione 4,5°, inclusa vite per regolazione assiale

[illegible]

Schrumpffutter HSK-F63 mit Gewinde für Kühlmittelübergaberohr, schlanke Ausführung 3°

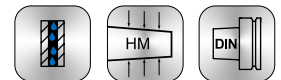
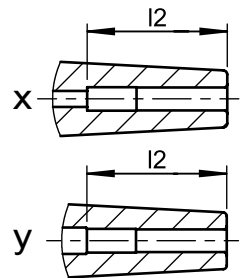
Shrink fit chuck HSK-F63 with thread for coolant tubes, slim execution 3°
Mandrin de frettage HSK-F63 avec filet pour raccord d'arrosage, exécution mince 3°
Mandrini per calettamento a caldo HSK-F63 con filetto interno per raccordo refrigerante, rastremazione 3°

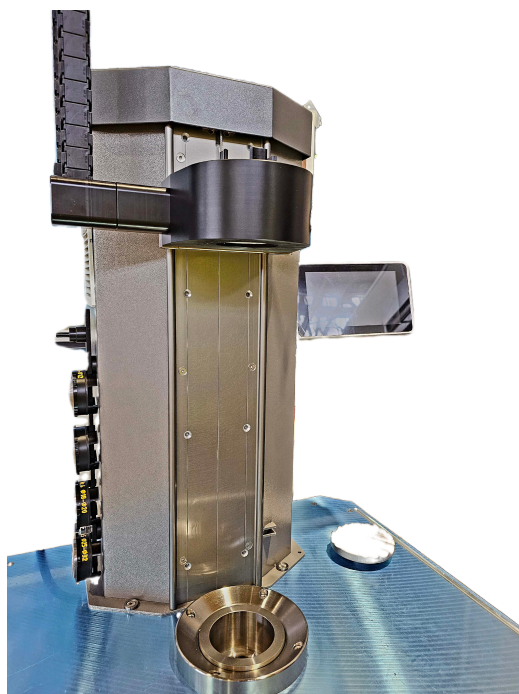


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Bestell-Nr. order number No.	HSK	Ø d1	Ø d2	Ø d3	A	l1	l2	x	y	
915 - F63K0350	F63	3	11	-	76	50	12		x	 G2,5/25.000 oder/or U<1gmm
915 - F63K0375	F63	3	11	-	101	75	12		x	
915 - F63K03100	F63	3	11	-	126	100	12		x	
915 - F63K03150	F63	3	11	-	176	150	12		x	
915 - F63K03200	F63	3	11	-	226	200	12		x	
915 - F63K0450	F63	4	11	-	76	50	16		x	
915 - F63K0475	F63	4	11	-	101	75	16		x	
915 - F63K04100	F63	4	11	-	126	100	16		x	
915 - F63K04150	F63	4	11	-	176	150	16		x	
915 - F63K04200	F63	4	11	-	226	200	16		x	
915 - F63K0550	F63	5	13	-	76	50	20	x		
915 - F63K0575	F63	5	13	-	101	75	20		x	
915 - F63K05100	F63	5	13	-	126	100	20		x	
915 - F63K05150	F63	5	13	-	176	150	20		x	
915 - F63K0650	F63	6	15	-	76	50	36	x		
915 - F63K0675	F63	6	15	-	101	75	36		x	
915 - F63K06100	F63	6	15	-	126	100	36		x	
915 - F63K06150	F63	6	15	-	176	150	36	x		
915 - F63K06200	F63	6	15	-	226	200	36	x		
915 - F63K0850	F63	8	17	-	76	50	36	x		
915 - F63K0875	F63	8	17	-	101	75	36		x	
915 - F63K08100	F63	8	17	-	126	100	36		x	
915 - F63K08150	F63	8	17	-	176	150	36	x		
915 - F63K08200	F63	8	17	-	226	200	36	x		
915 - F63K1050	F63	10	19	-	76	50	41	x		
915 - F63K1075	F63	10	19	-	101	75	41	x		
915 - F63K10100	F63	10	19	-	126	100	41	x		
915 - F63K10150	F63	10	19	-	176	150	41	x		
915 - F63K10200	F63	10	19	-	226	200	41	x		
915 - F63K1250	F63	12	22	-	76	50	47	x		
915 - F63K1275	F63	12	22	-	101	75	47	x		
915 - F63K12100	F63	12	22	-	126	100	47	x		
915 - F63K12150	F63	12	22	-	176	150	47	x		
915 - F63K12200	F63	12	22	-	226	200	47	x		
915 - F63K14100	F63	14	24	-	126	100	47	x		

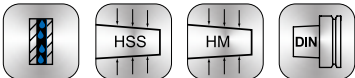
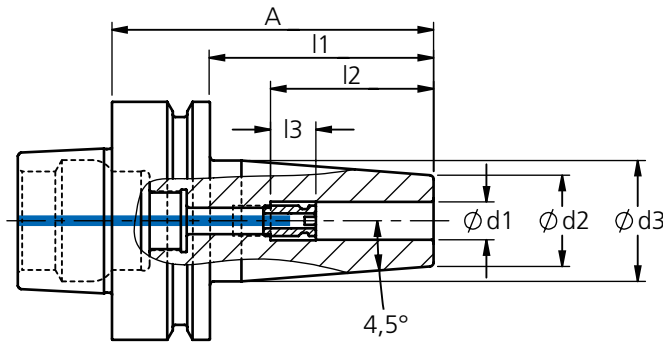
Mandri per calettamento a caldo HSK-F63 con filetto interno per raccordo refrigerante, rastremazione 3°

[illegible]



**Schrumpffutter HSK-F63 mit Gewinde für Kühlmittelübergaberohr,
standard Ausführung 4,5°, inkl. Längeneinstellschraube**

Shrink fit chuck HSK-F63 with thread for coolant tubes, standard execution 4,5°, including length adjusting screw
Mandrin de frettage HSK-F63 avec filet pour raccord d'arrosage, exécution 4,5°, vis de réglage axial inclus
Mandrini per calettamento a caldo HSK-F63 con filetto interno per raccordo refrigerante, rastremazione 4,5°,
inclusa vite per regolazione assiale



69893-6

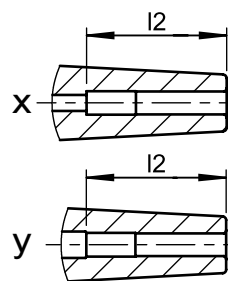
Bestell-Nr. order number No.	HSK	Ø d1	Ø d2	Ø d3	A	l1	l2	l3		
985 - F63K03A80	F63	3	11	15	80	54	12	-	-	G2,5/25.000 oder/or U<1gmm
985 - F63K04A80	F63	4	14	22	80	54	16	-	-	
985 - F63K04A120	F63	4	14	22	120	94	16	-	-	
985 - F63K05A80	F63	5	16	22	80	54	20	-	-	
985 - F63K06A80	F63	6	21	27	80	54	36	10	948-001	
985 - F63K06A120	F63	6	21	27	120	94	36	10	948-001	
985 - F63K06A160	F63	6	21	27	160	134	36	10	948-001	
985 - F63K08A80	F63	8	21	27	80	54	36	10	948-002	
985 - F63K08A120	F63	8	21	27	120	94	36	10	948-002	
985 - F63K08A160	F63	8	21	27	160	134	36	10	948-002	
985 - F63K10A85	F63	10	24	32	85	59	41	10	948-003	
985 - F63K10A120	F63	10	24	32	120	94	41	10	948-003	
985 - F63K10A160	F63	10	24	32	160	134	41	10	948-003	
985 - F63K12A90	F63	12	24	32	90	64	47	10	948-004	
985 - F63K12A120	F63	12	24	32	120	94	47	10	948-004	
985 - F63K12A160	F63	12	24	32	160	134	47	10	948-004	
985 - F63K14A90	F63	14	27	34	90	64	47	10	948-004	
985 - F63K16A95	F63	16	27	34	95	69	50	10	948-005	
985 - F63K16A120	F63	16	27	34	120	94	50	10	948-005	
985 - F63K16A160	F63	16	27	34	160	134	50	10	948-005	
985 - F63K20A80	F63	20	33	42	80	54	52	10	948-006	
985 - F63K20A100	F63	20	33	42	100	74	52	10	948-006	
985 - F63K20A120	F63	20	33	42	120	94	52	10	948-006	
985 - F63K20A160	F63	20	33	42	160	134	52	10	948-006	
985 - F63K25A115	F63	25	44	52	115	89	58	10	948-006	
985 - F63K32A120	F63	32	44	52	120	94	62	10	948-006	

schlanke Ausführung 3° mit 3 Kühlkanälen Ø1mm

Shrink fit chuck HSK-F63 with thread for coolant tubes, slim execution 3° with 3 cooling jets Ø1mm

Mandrin de frettage HSK-F63 avec filet pour raccord d'arrosage, exécution mince 3° avec 3 canal d'arrosage Ø1mm

Mandrini per calettamento a caldo HSK-F63 con filetto interno per raccordo refrigerante, rastremazione 3° con N°3 ugelli di adduzione Ø1mm



69 893-6

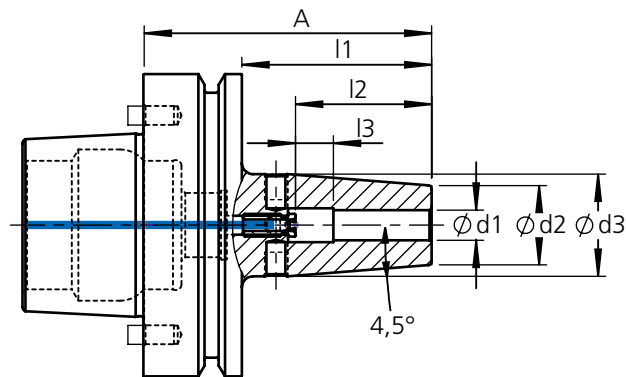
[illegible]

Shrink fit chuck HSK-F63 with thread for coolant tubes, 4,5° with closeable cooling jets, including length adjusting screw
Mandrin de frettage HSK-F63 avec filet pour raccord d'arrosage, exécution 4,5° avec canal d'arrosage obturables,
vis de réglage axial inclu
Mandriini per calettamento a caldo HSK-F63 con filetto interno per raccordo refrigerante, rastremazione 4,5° con ugelli di
adduzione otturabili, inclusa vite per regolazione assiale

[illegible]



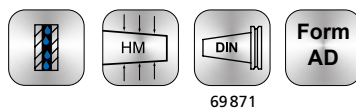
Mandrini per calettamento a caldo HSK-F63 con filetto interno per raccordo refrigerante, rastremazione 4,5°, inclusa vite per regolazione assiale



~69 893-6

[illegible]

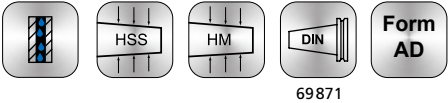
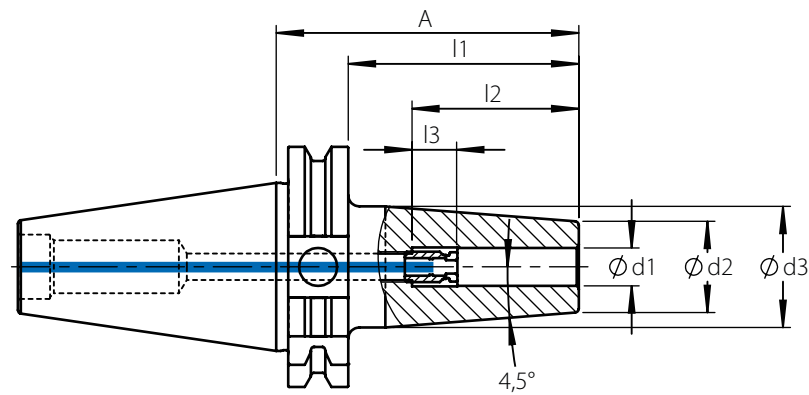
Shrink fit chuck SK30 DIN 69871 AD, slim execution 3°
Mandrin de frettage SK30 DIN 69871 AD, exécution mince 3°
Mandrini per calettamento a caldo SK30 DIN 69871 AD, rastremazione 3°



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Schrumpffutter SK30 DIN 69871 AD, standard Ausführung 4,5°, inkl. Längeneinstellschraube

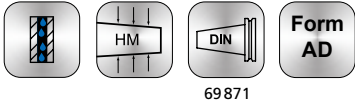
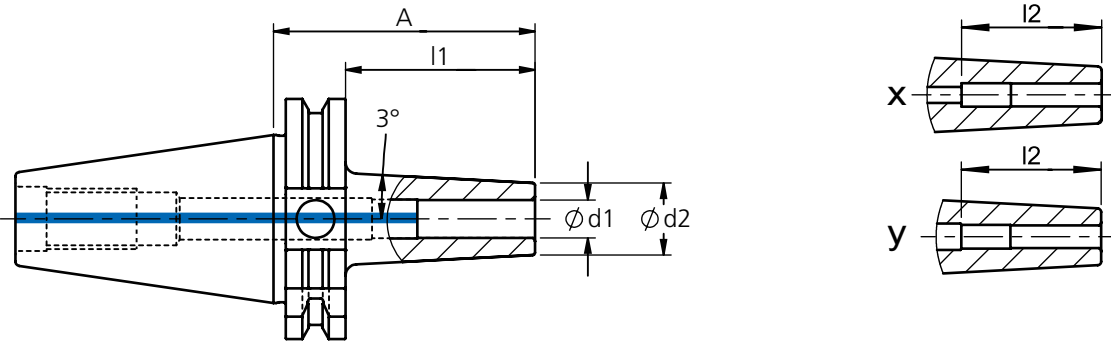
Shrink fit chuck SK30 DIN 69871 AD, standard execution 4,5°, incl. length adjusting screw
Mandrin de frettage SK30 DIN 69871 AD, exécution 4,5°, vis de réglage axial inclus
Mandriini per calettamento a caldo SK30 DIN 69871 AD, rastremazione 4,5°, inclusa vite per regolazione assiale



Bestell-Nr. order number No.	SK	Ø d1	Ø d2	Ø d3	A	l1	l2	l3		
985 - SK3003A80	SK30	3	11	15	80	60,9	12	-	-	G2,5/18.000
985 - SK3004A80	SK30	4	14	22	80	60,9	16	-	-	
985 - SK3005A80	SK30	5	16	22	80	60,9	20	-	-	
985 - SK3006A80	SK30	6	21	27	80	60,9	36	10	948-001	
985 - SK3008A80	SK30	8	21	27	80	60,9	36	10	948-002	
985 - SK3010A80	SK30	10	24	32	80	60,9	41	10	948-003	
985 - SK3012A80	SK30	12	24	32	80	60,9	47	10	948-004	
985 - SK3014A80	SK30	14	27	34	80	60,9	47	10	948-004	
985 - SK3016A80	SK30	16	27	34	80	60,9	50	10	948-005	
985 - SK3020A80	SK30	20	33	42	80	60,9	52	10	948-006	

Schrumpffutter SK40 DIN 69871 AD, schlanke Ausführung 3°

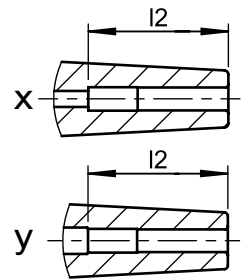
Shrink fit chuck SK40 DIN 69871 AD, slim execution 3°
Mandrin de frettage SK40 DIN 69871 AD, exécution mince 3°
Mandrini per calettamento a caldo SK40 DIN 69871 AD, rastremazione 3°



Bestell-Nr. order number No.	SK	Ø d1	Ø d2	Ø d3	A	l1	l2	x	y	
915 - SK400350	SK40	3	11	-	69,1	50	12		x	
915 - SK400375	SK40	3	11	-	94,1	75	12		x	
915 - SK4003100	SK40	3	11	-	119,1	100	12		x	
915 - SK4003150	SK40	3	11	-	169,1	150	12		x	
915 - SK4003200	SK40	3	11	-	219,1	200	12		x	
915 - SK400450	SK40	4	11	-	69,1	50	16		x	
915 - SK400475	SK40	4	11	-	94,1	75	16		x	
915 - SK4004100	SK40	4	11	-	119,1	100	16		x	
915 - SK4004150	SK40	4	11	-	169,1	150	16		x	
915 - SK4004200	SK40	4	11	-	219,1	200	16		x	
915 - SK400550	SK40	5	13	-	69,1	50	20		x	
915 - SK400575	SK40	5	13	-	94,1	75	20		x	
915 - SK4005100	SK40	5	13	-	119,1	100	20		x	
915 - SK4005150	SK40	5	13	-	169,1	150	20		x	
915 - SK400650	SK40	6	15	-	69,1	50	36		x	
915 - SK400675	SK40	6	15	-	94,1	75	36		x	
915 - SK4006100	SK40	6	15	-	119,1	100	36		x	
915 - SK4006150	SK40	6	15	-	169,1	150	36	x		
915 - SK4006200	SK40	6	15	-	219,1	200	36	x		
915 - SK400850	SK40	8	17	-	69,1	50	36		x	
915 - SK400875	SK40	8	17	-	94,1	75	36		x	
915 - SK4008100	SK40	8	17	-	119,1	100	36		x	
915 - SK4008150	SK40	8	17	-	169,1	150	36	x		
915 - SK4008200	SK40	8	17	-	219,1	200	36	x		
915 - SK401050	SK40	10	19	-	69,1	50	41		x	
915 - SK401075	SK40	10	19	-	94,1	75	41		x	
915 - SK4010100	SK40	10	19	-	119,1	100	41		x	
915 - SK4010150	SK40	10	19	-	169,1	150	41	x		
915 - SK4010200	SK40	10	19	-	219,1	200	41	x		
915 - SK401250	SK40	12	22	-	69,1	50	47		x	
915 - SK401275	SK40	12	22	-	94,1	75	47		x	
915 - SK4012100	SK40	12	22	-	119,1	100	47		x	
915 - SK4012150	SK40	12	22	-	169,1	150	47	x		
915 - SK4012200	SK40	12	22	-	219,1	200	47	x		

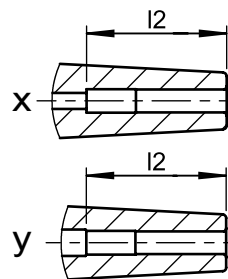
Shrink fit chuck SK40 DIN 69871 AD, slim execution 3°

Mandrini per calettamento a caldo SK40 DIN 69871 AD, rastremazione 3°



G2,5/18.000

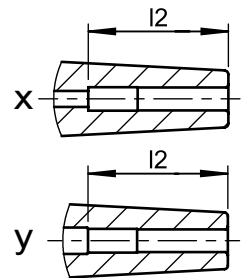
Mandri per calettamento a caldo SK40 DIN 69871 AD/B, rastremazione 3°



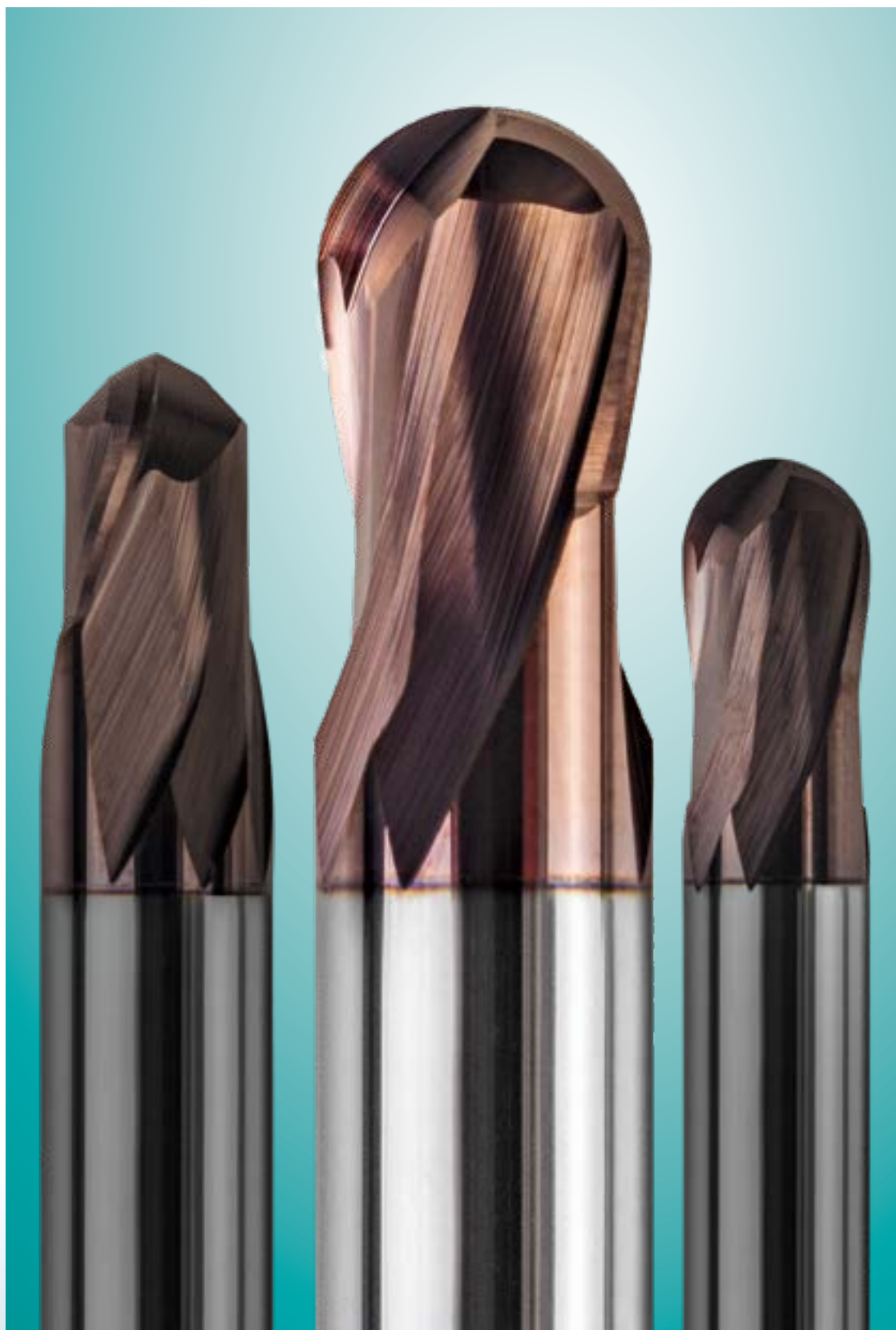
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Shrink fit chuck SK40 DIN 69871 AD, extra slim execution 3°
Mandrin de frettage SK40 DIN 69871 AD, exécution extra mince 3°
Mandrini per calettamento a caldo SK40 DIN 69871 AD, extra sottile 3°

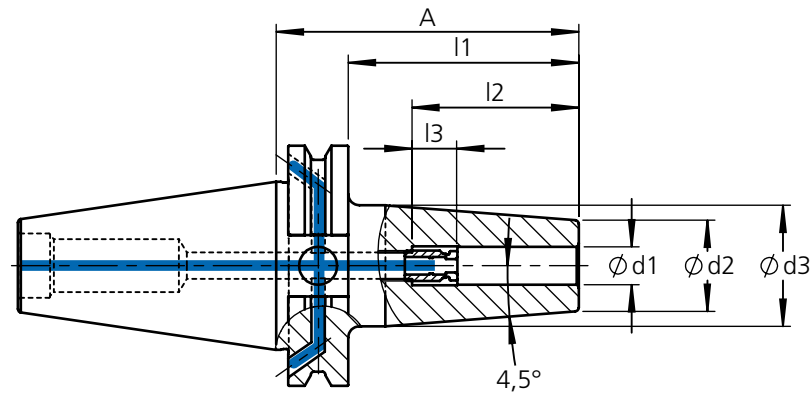


G2,5/18.000



Schrumpffutter SK40 DIN 69871 AD/B, standard Ausführung 4,5°, inkl. Längeneinstellschraube

Shrink fit chuck SK40 DIN 69871 AD/B, standard execution 4,5°, incl. length adjusting screw
Mandrin de frettage SK40 DIN 69871 AD/B, exécution 4,5°, vis de réglage axial inclus
Mandri per calettamento a caldo SK40 DIN 69871 AD/B, rastremazione 4,5°, inclusa vite per regolazione assiale

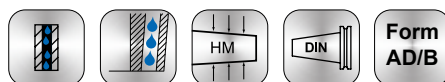
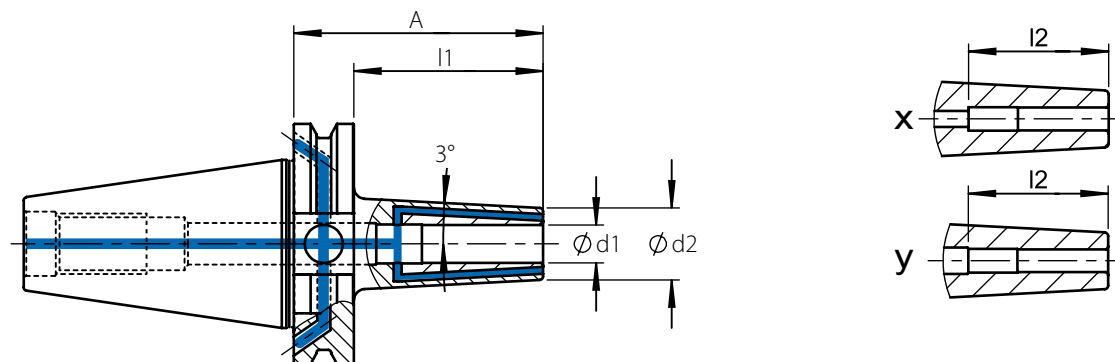




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Bestell-Nr. order number No.	SK	Ø d1	Ø d2	Ø d3	A	l1	l2	l3		
985 - SK4003A80	SK40	3	11	15	80	60,9	12	-	-	G2,5/18.000
985 - SK4003A120	SK40	3	11	15	120	100,9	12	-	-	
985 - SK4004A80	SK40	4	14	22	80	60,9	16	-	-	
985 - SK4004A120	SK40	4	14	22	120	100,9	16	-	-	
985 - SK4005A80	SK40	5	16	22	80	60,9	20	-	-	
985 - SK4006A80	SK40	6	21	27	80	60,9	36	10	948-001	
985 - SK4006A120	SK40	6	21	27	120	100,9	36	10	948-001	
985 - SK4006A160	SK40	6	21	27	160	140,9	36	10	948-001	
985 - SK4008A80	SK40	8	21	27	80	60,9	36	10	948-002	
985 - SK4008A120	SK40	8	21	27	120	100,9	36	10	948-002	
985 - SK4008A160	SK40	8	21	27	160	140,9	36	10	948-002	
985 - SK4010A80	SK40	10	24	32	80	60,9	41	10	948-003	
985 - SK4010A120	SK40	10	24	32	120	100,9	41	10	948-003	
985 - SK4010A160	SK40	10	24	32	160	140,9	41	10	948-003	
985 - SK4012A80	SK40	12	24	32	80	60,9	47	10	948-004	
985 - SK4012A120	SK40	12	24	32	120	100,9	47	10	948-004	
985 - SK4012A160	SK40	12	24	32	160	140,9	47	10	948-004	
985 - SK4014A80	SK40	14	27	34	80	60,9	47	10	948-004	
985 - SK4014A120	SK40	14	27	34	120	100,9	47	10	948-004	
985 - SK4014A160	SK40	14	27	34	160	140,9	47	10	948-004	
985 - SK4016A80	SK40	16	27	34	80	60,9	50	10	948-005	
985 - SK4016A120	SK40	16	27	34	120	100,9	50	10	948-005	
985 - SK4016A160	SK40	16	27	34	160	140,9	50	10	948-005	
985 - SK4018A80	SK40	18	33	42	80	60,9	50	10	948-005	
985 - SK4018A120	SK40	18	33	42	120	100,9	50	10	948-005	
985 - SK4018A160	SK40	18	33	42	160	140,9	50	10	948-005	
985 - SK4020A80	SK40	20	33	42	80	60,9	52	10	948-006	
985 - SK4020A120	SK40	20	33	42	120	100,9	52	10	948-006	
985 - SK4020A160	SK40	20	33	42	160	140,9	52	10	948-006	
985 - SK4025A100	SK40	25	44	52	100	80,9	58	10	948-006	
985 - SK4025A120	SK40	25	44	52	120	100,9	58	10	948-006	
985 - SK4025A160	SK40	25	44	52	160	140,9	58	10	948-006	
985 - SK4032A100	SK40	32	44	52	100	80,9	62	10	948-006	
985 - SK4032A120	SK40	32	44	52	120	100,9	62	10	948-006	
985 - SK4032A160	SK40	32	44	52	160	140,9	62	10	948-006	

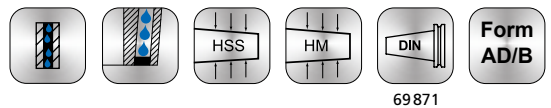
Shrink fit chuck SK40 DIN 69871 AD/B, slim execution 3° with 3 cooling jets
Mandrin de frettage SK40 DIN 69871 AD/B, exécution mince 3° avec 3 canal d'arrosage Ø1mm
Mandrini per calettamento a caldo SK40 DIN 69871 AD/B, rastremazione 3° con N°3 ugelli di adduzione Ø1mm



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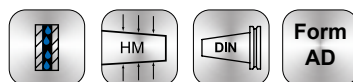
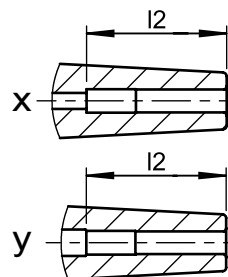
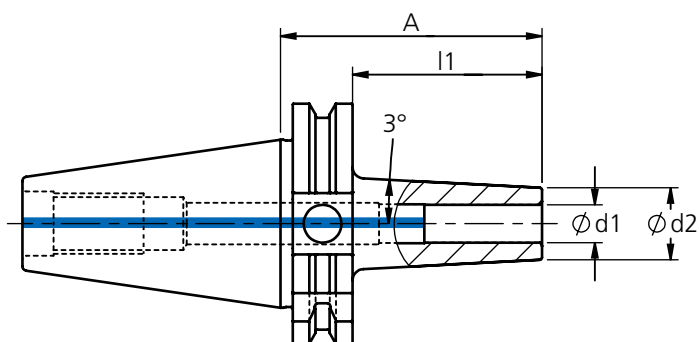
[illegible]

Shrink fit chuck SK40 DIN 69871 AD/B, standard execution 4,5° with closeable cooling jets, incl. length adjusting screw
Mandrin de frettage SK40 DIN 69871 AD/B, exécution 4,5° avec canal d'arrosage obturables, vis de réglage axial inclus
Mandrini per calettamento a caldo SK40 DIN 69871 AD/B, rastremazione 4,5° con ugelli di adduzione otturabili,
inclusa vite per regolazione assiale

rineck 75

Shrink fit chuck SK50 DIN 69871 AD, slim execution 3°
Mandrin de frettage SK50 DIN 69871 AD, exécution mince 3°
Mandrini per calettamento a caldo SK50 DIN 69871 AD, rastremazione 3°

Mandri per calettamento a caldo SK50 DIN 69871 AD, rastremazione 3°

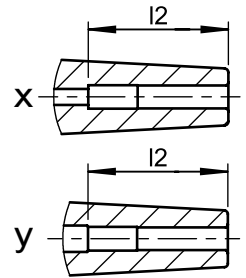


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[illegible]

Shrink fit chuck SK50 DIN 69871 AD, slim execution 3°

Mandrini per calettamento a caldo SK50 DIN 69871 AD, rastremazione 3°

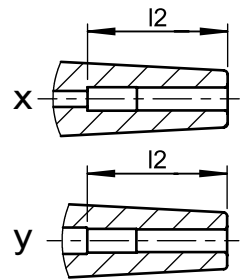


G6,3/10.000



Shrink fit chuck SK50 DIN 69871 AD/B, slim execution 3°
Mandrin de frettage SK50 DIN 69871 AD/B, exécution mince 3°
Mandrini per calettamento a caldo SK50 DIN 69871 AD/B, rastremazione 3°

Mandrini per calettamento a caldo SK50 DIN 69871 AD/B, rastremazione 3°



G6,3/10.000

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Mandri per calettamento a caldo SK50 DIN 69871 AD/B, rastremazione 4,5°, inclusa vite per regolazione assiale



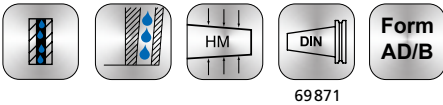
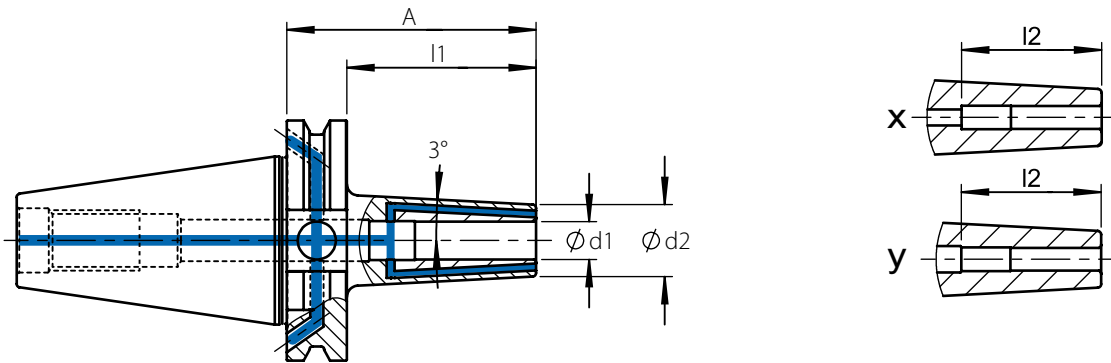
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Mandrini per calettamento a caldo SK50 DIN 69871 AD/B, rastremazione 4,5°, inclusa vite per regolazione assiale

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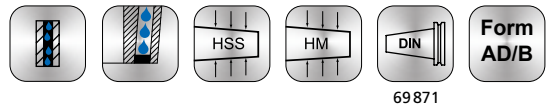
Schrumpffutter SK50 DIN 69871 AD/B, schlanke Ausführung 3° mit 3 Kühlkanälen Ø1mm

Shrink fit chuck SK50 DIN 69871 AD/B, slim execution 3° with 3 cooling jets
Mandrin de frettage SK50 DIN 69871 AD/B, exécution mince 3° avec 3 canal d'arrosage Ø1mm
Mandrini per calettamento a caldo SK50 DIN 69871 AD/B, rastremazione 3° con N°3 ugelli di adduzione Ø1mm

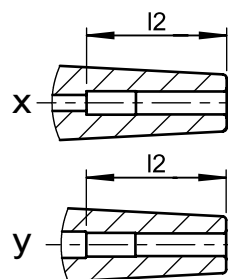


Bestell-Nr. order number No.	SK	Ø d1	Ø d2	Ø d3	A	l1	l2	x	y	
996 - SK5006100	SK50	6	15	-	119,1	100	36		x	G6,3/10.000
996 - SK5006150	SK50	6	15	-	169,1	150	36	x		
996 - SK5008100	SK50	8	17	-	119,1	100	36		x	
996 - SK5008150	SK50	8	17	-	169,1	150	36	x		
996 - SK5010100	SK50	10	19	-	119,1	100	41		x	
996 - SK5010150	SK50	10	19	-	169,1	150	41	x		
996 - SK5012100	SK50	12	22	-	119,1	100	47		x	
996 - SK5012150	SK50	12	22	-	169,1	150	47	x		
996 - SK5016100	SK50	16	27	-	119,1	100	50		x	

Shrink fit chuck SK50 DIN 69871 AD/B, standard execution 4,5° with closeable cooling jets, incl. length adjusting screw
Mandrin de frettage SK50 DIN 69871 AD/B, exécution 4,5° avec canal d'arrosage obturables, vis de réglage axial inclus
Mandrini per calettamento a caldo SK50 DIN 69871 AD/B, rastremazione 4,5° con ugelli di adduzione otturabili,
inclusa vite per regolazione assiale

rineck 83

Mandri per calettamento a caldo BT30 JIS B 6339 AD, rastremazione 3°



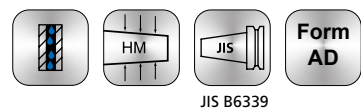
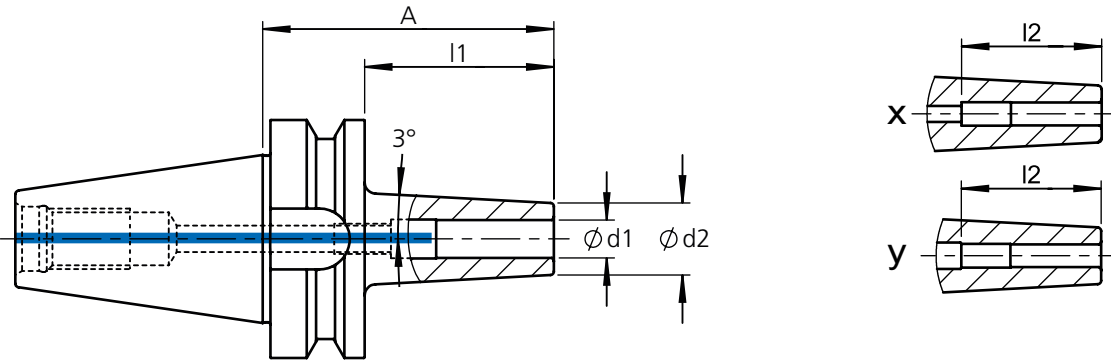
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Mandrini per calettamento a caldo BT30 JIS B 6339 AD, rastremazione 4,5°, inclusa vite per regolazione assiale

rineck 85

Schrumpffutter BT40 JIS B 6339 AD, schlanke Ausführung 3°

Shrink fit chuck BT40 JIS B 6339 AD, slim execution 3°
Mandrin de frettage BT40 JIS B 6339 AD, exécution mince 3°
Mandrini per calettamento a caldo BT40 JIS B 6339 AD, rastremazione 3°

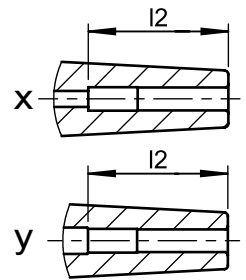


JIS B6339

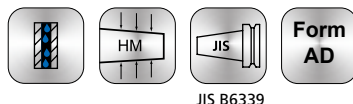
Bestell-Nr. order number No.	BT	Ø d1	Ø d2	Ø d3	A	l1	l2	x	y	
915 - BT400350	BT40	3	11	-	77	50	12		x	G2,5/18.000
915 - BT400375	BT40	3	11	-	102	75	12		x	
915 - BT4003100	BT40	3	11	-	127	100	12		x	
915 - BT4003150	BT40	3	11	-	177	150	12		x	
915 - BT4003200	BT40	3	11	-	227	200	12		x	
915 - BT400450	BT40	4	11	-	77	50	16		x	
915 - BT400475	BT40	4	11	-	102	75	16		x	
915 - BT4004100	BT40	4	11	-	127	100	16		x	
915 - BT4004150	BT40	4	11	-	177	150	16		x	
915 - BT4004200	BT40	4	11	-	227	200	16		x	
915 - BT400550	BT40	5	13	-	77	50	20		x	
915 - BT400575	BT40	5	13	-	102	75	20		x	
915 - BT4005100	BT40	5	13	-	127	100	20		x	
915 - BT400650	BT40	6	15	-	77	50	36		x	
915 - BT400675	BT40	6	15	-	102	75	36		x	
915 - BT4006100	BT40	6	15	-	127	100	36		x	
915 - BT4006150	BT40	6	15	-	177	150	36	x		
915 - BT4006200	BT40	6	15	-	227	200	36	x		
915 - BT400850	BT40	8	17	-	77	50	36		x	
915 - BT400875	BT40	8	17	-	102	75	36		x	
915 - BT4008100	BT40	8	17	-	127	100	36		x	
915 - BT4008150	BT40	8	17	-	177	150	36	x		
915 - BT4008200	BT40	8	17	-	227	200	36	x		
915 - BT401050	BT40	10	19	-	77	50	41		x	
915 - BT401075	BT40	10	19	-	102	75	41		x	
915 - BT4010100	BT40	10	19	-	127	100	41		x	
915 - BT4010150	BT40	10	19	-	177	150	41	x		
915 - BT4010200	BT40	10	19	-	227	200	41	x		
915 - BT401250	BT40	12	22	-	77	50	47		x	
915 - BT401275	BT40	12	22	-	102	75	47		x	
915 - BT4012100	BT40	12	22	-	127	100	47		x	
915 - BT4012150	BT40	12	22	-	177	150	47	x		
915 - BT4012200	BT40	12	22	-	227	200	47	x		

Shrink fit chuck BT40 JIS B 6339 AD, slim execution 3°

Mandrini per calettamento a caldo BT40 JIS B 6339 AD, rastremazione 3°

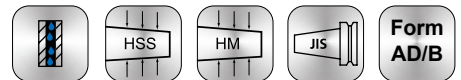
[illegible]

Shrink fit chuck BT40 JIS B 6339 AD, extra slim execution 3°
Mandrin de frettage BT40 JIS B 6339 AD, exécution extra mince 3°
Mandrini per calettamento a caldo BT40 JIS B 6339 AD,extra sottile 3°



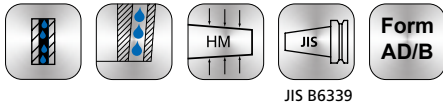
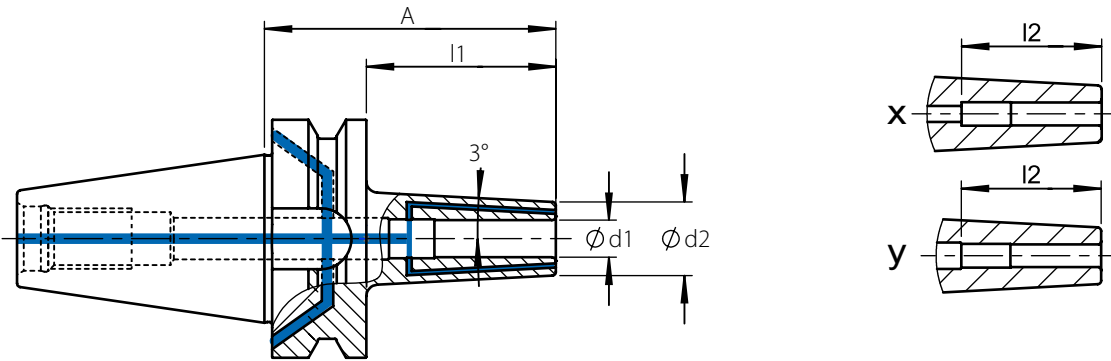
88 rineck NYDALOXE Precision (t) +44 (0) 1225 811 666

Shrink fit chuck BT40 JIS B 6339 AD/B, standard execution 4,5°, incl. length adjusting screw
Mandrin de frettage BT40 JIS B 6339 AD/B, exécution 4,5°, vis de réglage axial inclus
Mandrini per calettamento a caldo BT40 JIS B 6339 AD/B, rastremazione 4,5°, inclusa vite per regolazione assiale

[illegible]

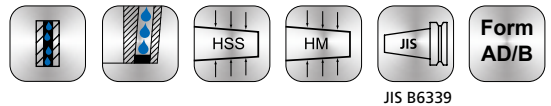
Schrumpffutter BT40 JIS B 6339 AD/B, schlanke Ausführung 3° mit 3 Kühlkanälen Ø1mm

Shrink fit chuck BT40 JIS B 6339 AD, slim execution 3° with 3 cooling jets
Mandrin de frettage BT40 JIS B 6339 AD, exécution mince 3° avec 3 canal d'arrosage Ø1mm
Mandrini per calettamento a caldo BT40 JIS B 6339 AD, rastremazione 3° con N°3 ugelli di adduzione Ø1mm



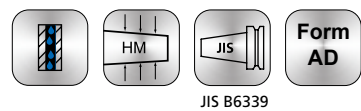
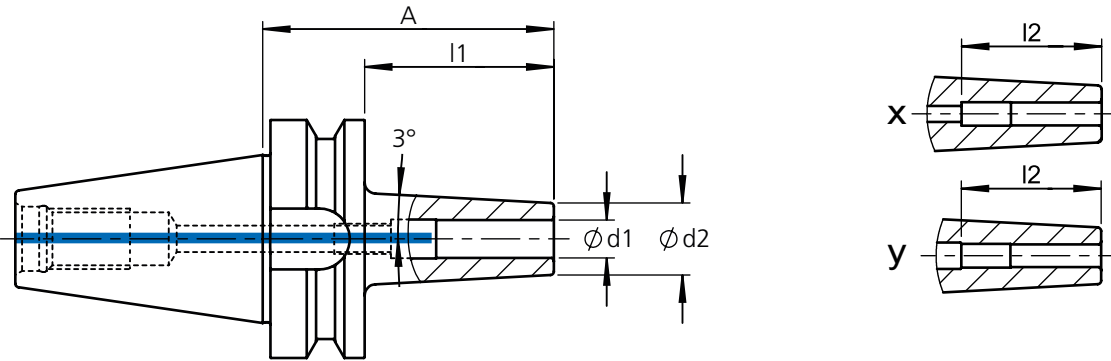
Bestell-Nr. order number No.	BT	Ø d1	Ø d2	Ø d3	A	l1	l2	x	y	
996 - BT400475	BT40	4	11	-	102	75	16		x	G2,5/18.000
996 - BT4004100	BT40	4	11	-	127	100	16		x	
996 - BT400675	BT40	6	15	-	102	75	36		x	
996 - BT4006100	BT40	6	15	-	127	100	36		x	
996 - BT4006150	BT40	6	15	-	177	150	36	x		
996 - BT400875	BT40	8	17	-	102	75	36		x	
996 - BT4008100	BT40	8	17	-	127	100	36		x	

Shrink fit chuck BT40 JIS B 6339 AD/B, standard execution 4,5° , with closeable cooling jets, incl. length adjusting screw
Mandrin de frettage BT40 JIS B 6339 AD/B, exécution 4,5° , avec canal d'arrosage obturables, vis de réglage axial inclus
Mandrini per calettamento a caldo BT40 JIS B 6339 AD/B, rastremazione 4,5°, con ugelli di adduzione otturabili,
inclusa vite per regolazione assiale

rineck 91

Schrumpffutter BT50 JIS B 6339 AD, schlanke Ausführung 3°

Shrink fit chuck BT50 JIS B 6339 AD, slim execution 3°
Mandrin de frettage BT50 JIS B 6339 AD, exécution mince 3°
Mandrini per calettamento a caldo BT50 JIS B 6339 AD, rastremazione 3°

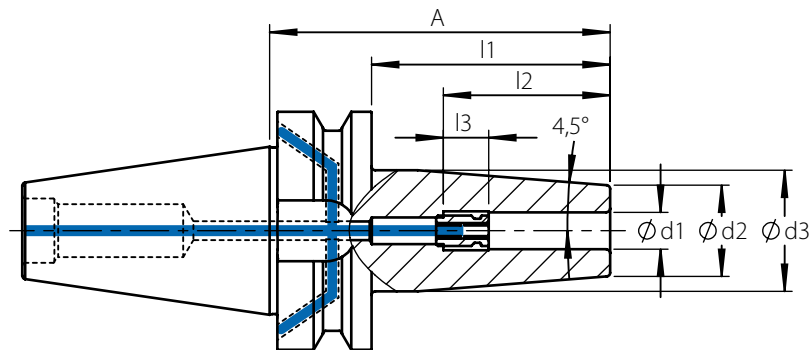


JIS B6339

Bestell-Nr. order number No.	BT	Ø d1	Ø d2	Ø d3	A	l1	l2	x	y	
915 - BT500650	BT50	6	15	-	88	50	36		x	
915 - BT5006100	BT50	6	15	-	138	100	36		x	
915 - BT5006150	BT50	6	15	-	188	150	36	x		
915 - BT5006200	BT50	6	15	-	238	200	36	x		
915 - BT500850	BT50	8	17	-	88	50	36		x	
915 - BT5008100	BT50	8	17	-	138	100	36		x	
915 - BT5008150	BT50	8	17	-	188	150	36	x		
915 - BT5008200	BT50	8	17	-	238	200	36	x		
915 - BT501050	BT50	10	19	-	88	50	41		x	
915 - BT5010100	BT50	10	19	-	138	100	41		x	
915 - BT5010150	BT50	10	19	-	188	150	41	x		
915 - BT5010200	BT50	10	19	-	238	200	41	x		
915 - BT501250	BT50	12	22	-	88	50	47		x	
915 - BT501275	BT50	12	22	-	113	75	47		x	
915 - BT5012100	BT50	12	22	-	138	100	47		x	
915 - BT5012150	BT50	12	22	-	188	150	47	x		
915 - BT5012200	BT50	12	22	-	238	200	47	x		
915 - BT501450	BT50	14	24	-	88	50	47		x	
915 - BT5014100	BT50	14	24	-	138	100	47		x	
915 - BT5014150	BT50	14	24	-	188	150	47	x		
915 - BT501675	BT50	16	27	-	113	75	50		x	
915 - BT5016100	BT50	16	27	-	138	100	50		x	
915 - BT5016150	BT50	16	27	-	188	150	50	x		
915 - BT5016200	BT50	16	27	-	238	200	50	x		
915 - BT501875	BT50	18	27	-	113	75	50	x		
915 - BT5018100	BT50	18	27	-	138	100	50	x		
915 - BT502075	BT50	20	33	-	113	75	52		x	
915 - BT5020100	BT50	20	33	-	138	100	52		x	
915 - BT5020150	BT50	20	33	-	188	150	52	x		
915 - BT5020200	BT50	20	33	-	238	200	52	x		
915 - BT5025100	BT50	25	44	-	138	100	58	x		
915 - BT5025150	BT50	25	44	-	188	150	58	x		
915 - BT5025200	BT50	25	44	-	238	200	58	x		

G6,3/10.000

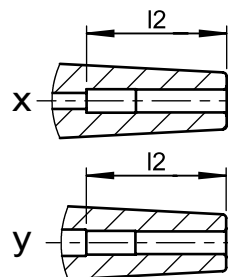
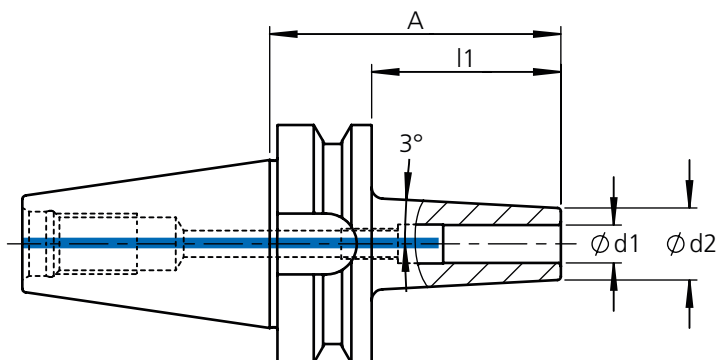
Mandrini per calettamento a caldo BT50 JIS B 6339 AD/B, rastremazione 4,5°, inclusa vite per regolazione assiale



JIS B6339

[illegible]

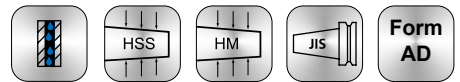
Mandri per calettamento a caldo BT30 avec **double contact**, similaire JIS B 6339 AD, rastremazione 3°



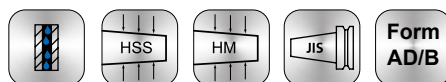
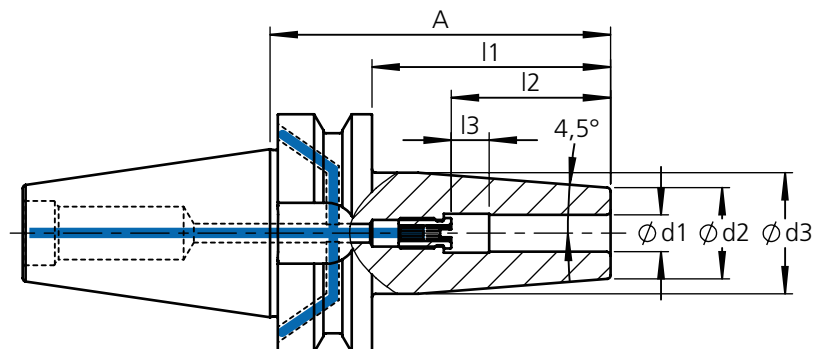
~JIS B6339

[illegible]

Shrink fit chuck BT30 with **flange contact** similar JIS B 6339 AD, standard execution 4,5°, incl. length adjusting screw
Mandrin de frettage BT30 **con superficie di contatto**, similare JIS B 6339 AD, exécution 4,5°, vis de réglage axial inclus
Mandrini per calettamento a caldo BT30 avec **double contact**, similaire JIS B 6339 AD, rastremazione 4,5°, inclusa vite
per regolazione assiale

[illegible]

Shrink fit chuck BT40 with **flange contact** similar JIS B 6339 AD/B, standard execution 4,5°, incl. length adjusting screw
Mandrin de frettage BT40 **con superficie di contatto**, similare JIS B 6339 AD/B, exécution 4,5°, vis de réglage axial inclus
Mandrini per calettamento a caldo BT40 avec **double contact**, similaire JIS B 6339 AD/B, rastremazione 4,5°, inclusa vite per regolazione assiale

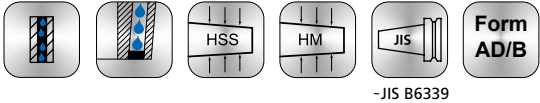
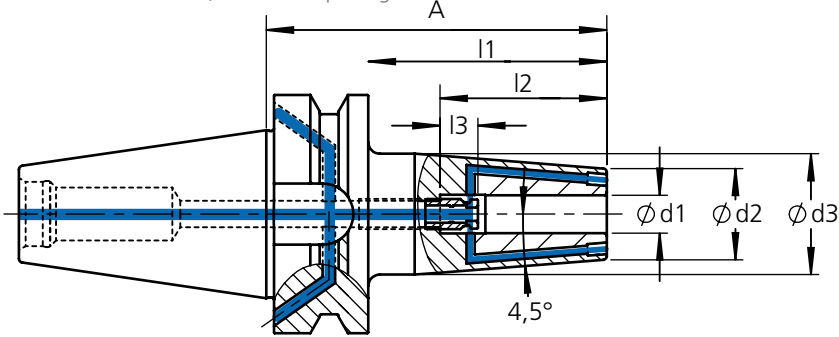


~JIS B6339

[illegible]

Schrumpffutter BT40 mit Plananlage
ähnlich JIS B 6339 AD/B, standard Ausführung
4,5°, mit verschließbaren Kühlkanälen,inkl. Längeneinstellschraube

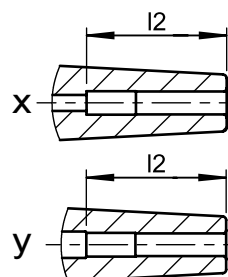
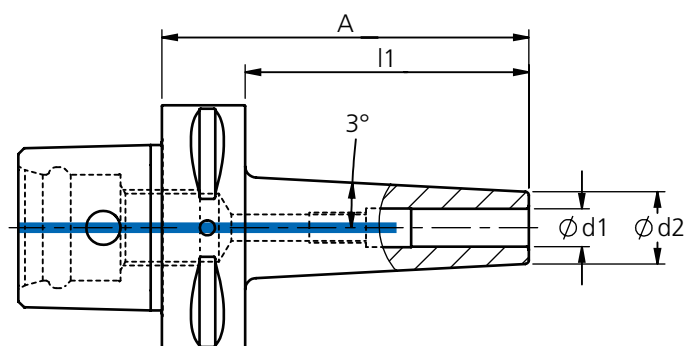
Shrink fit chuck BT40 with **flange contact** similar JIS B 6339 AD/B, standard execution 4,5°, with closeable cooling jets, incl. length adjusting screw
 Mandrin de frettage BT40 **con superficie di contatto**, similare JIS B 6339 AD/B, exécution 4,5°, avec canal d'arrosage obturables, vis de réglage axial inclus
 Mandrini per calettamento a caldo BT30 avec **double contact**, similaire JIS B 6339 AD/B, rastremazione 4,5°, con ugelli di adduzione otturabili, inclusa vite per regolazione assiale



-JIS B6339

Bestell-Nr. order number No.	BT	Ø d1	Ø d2	Ø d3	A	l1	l2	l3		
995 - BT40 FC 06A90	BT40	6	21	27	90	63	36	10	948-001	G2,5/18.000
995 - BT40 FC 06A120	BT40	6	21	27	120	93	36	10	948-001	
995 - BT40 FC 08A90	BT40	8	21	27	90	63	36	10	948-002	
995 - BT40 FC 08A120	BT40	8	21	27	120	93	36	10	948-002	
995 - BT40 FC 10A90	BT40	10	24	32	90	63	41	10	948-003	
995 - BT40 FC 10A120	BT40	10	24	32	120	93	41	10	948-003	
995 - BT40 FC 12A90	BT40	12	24	32	90	63	47	10	948-004	
995 - BT40 FC 12A120	BT40	12	24	32	120	93	47	10	948-004	
995 - BT40 FC 16A90	BT40	16	27	34	90	63	50	10	948-005	
995 - BT40 FC 16A120	BT40	16	27	34	120	93	50	10	948-005	
995 - BT40 FC 20A90	BT40	20	33	42	90	63	52	10	948-006	
995 - BT40 FC 20A120	BT40	20	33	42	120	93	52	10	948-006	
995 - BT40 FC 25A100	BT40	25	44	52	100	73	58	10	948-006	

Shrink fit chuck PSC-40, slim execution 3°
Mandrin de frettage PSC-40, exécution mince 3°
Mandrini per calettamento a caldo PSC-40, rastremazione 3°

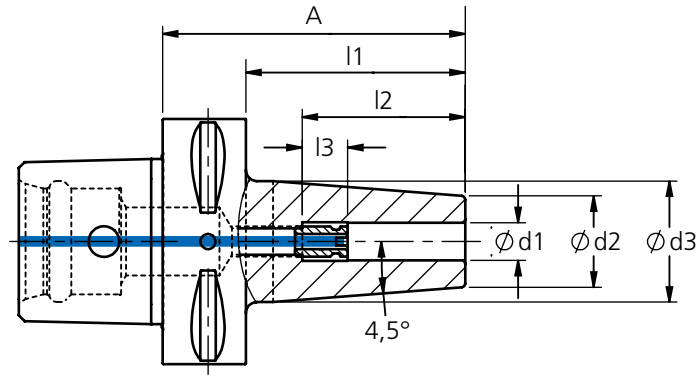
[illegible]

Schrumpffutter PSC-50, standard Ausführung 4,5°, inkl. Längeneinstellschraube

Shrink fit chuck PSC-50, standard execution 4,5°, incl. length adjusting screw

Mandrin de frettage PSC-50, exécution 4,5°, vis de réglage axial inclus

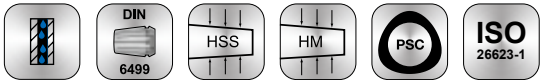
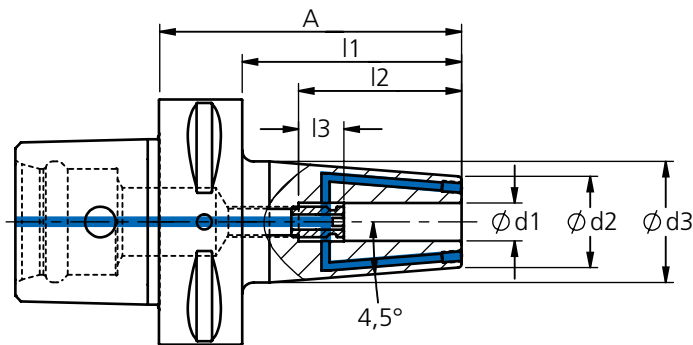
Mandri per calettamento a caldo PSC-50, rastremazione 4,5°, inclusa vite per regolazione assiale



Bestell-Nr. order number No.	PSC	Ø d1	Ø d2	Ø d3	A	l1	l2	l3		
985 - PSC5006A75	50	6	21	27	75	55	36	10	948-001	G2,5/25.000 oder/or U<1gmm
985 - PSC5008A75	50	8	21	27	75	55	36	10	948-002	
985 - PSC5010A75	50	10	24	32	75	55	41	10	948-003	
985 - PSC5012A75	50	12	24	32	75	55	47	10	948-004	
985 - PSC5014A80	50	14	27	34	80	60	47	10	948-004	
985 - PSC5016A80	50	16	27	34	80	60	50	10	948-004	
985 - PSC5018A80	50	18	33	42	80	60	50	10	948-005	
985 - PSC5020A85	50	20	33	42	85	65	52	10	948-006	
985 - PSC5025A90	50	25	44	50	90	70	58	10	948-006	

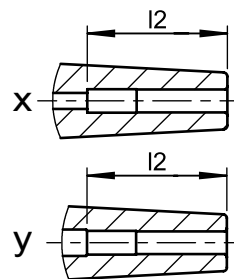
Schrumpffutter PSC-50, standard Ausführung 4,5° mit verschließbaren Kühlkanälen, inkl. Längeneinstellschraube

Shrink fit chuck PSC-50, standard execution 4,5° with closeable cooling jets, incl. length adjusting screw
Mandrin de frettage PSC-50, exécution 4,5° avec canal d'arrosage obturables, vis de réglage axial inclus
Mandrini per calettamento a caldo PSC-50, rastremazione 4,5° con ugelli di adduzione otturabili, inclusa vite per regolazione assiale

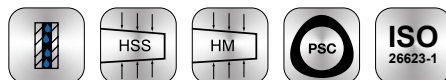
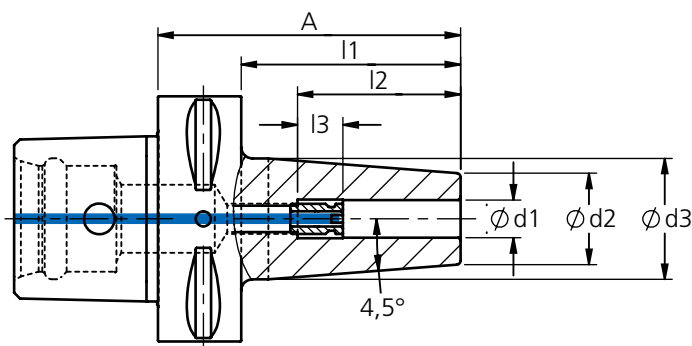


Bestell-Nr. order number No.	PSC	Ø d1	Ø d2	Ø d3	A	l1	l2	l3		
995 - PSC5006A75	50	6	21	27	75	55	36	10	948-001	G2,5/25.000 oder/or U<1gmm
995 - PSC5008A75	50	8	21	27	75	55	36	10	948-002	
995 - PSC5010A75	50	10	24	32	75	55	41	10	948-003	
995 - PSC5012A75	50	12	24	32	75	55	47	10	948-004	
995 - PSC5014A80	50	14	27	34	80	60	47	10	948-004	
995 - PSC5016A80	50	16	27	34	80	60	50	10	948-004	
995 - PSC5018A80	50	18	33	42	80	60	50	10	948-005	
995 - PSC5020A85	50	20	33	42	85	65	52	10	948-006	
995 - PSC5025A90	50	25	44	50	90	70	58	10	948-006	

Mandrini per calettamento a caldo PSC-63, rastremazione 3°

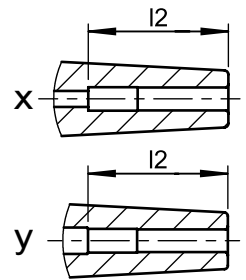
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Mandrini per calettamento a caldo PSC-63, rastremazione 4,5°, inclusa vite per regolazione assiale

[illegible]

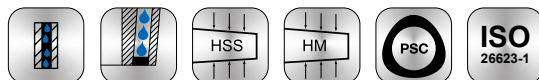
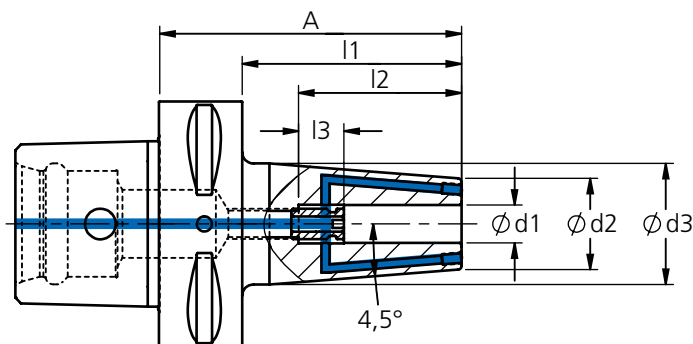
Shrink fit chuck PSC-63, slim execution 3° with 3 cooling jets

Mandrini per calettamento a caldo PSC-63, rastremazione 3° con N°3 ugelli di adduzione Ø1mm



NYDALOXE Precision (t) +44 (0) 1225 811 666

Shrink fit chuck PSC-63, standard execution 4,5° with closeable cooling jets, incl. length adjusting screw
Mandrin de frettage PSC-63, exécution 4,5° avec canal d'arrosage obturables, vis de réglage axial inclus
Mandrini per calettamento a caldo PSC-63, rastremazione 4,5° con ugelli di adduzione otturabili,
inclusa vite per regolazione assiale

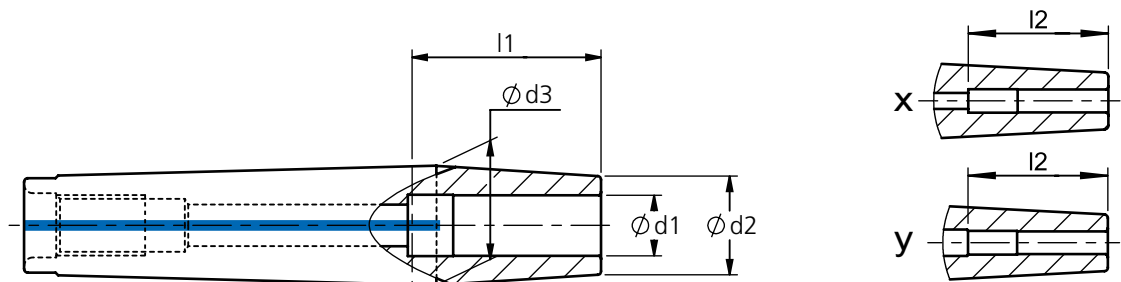
[illegible]

Schrumpfverlängerungen, Morsekegelausführung

Shrinking extensions, morse taper shank

Adapteur cône morse, pour le frettage

Prolunghe cono Morse per calettamento a caldo

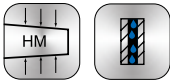
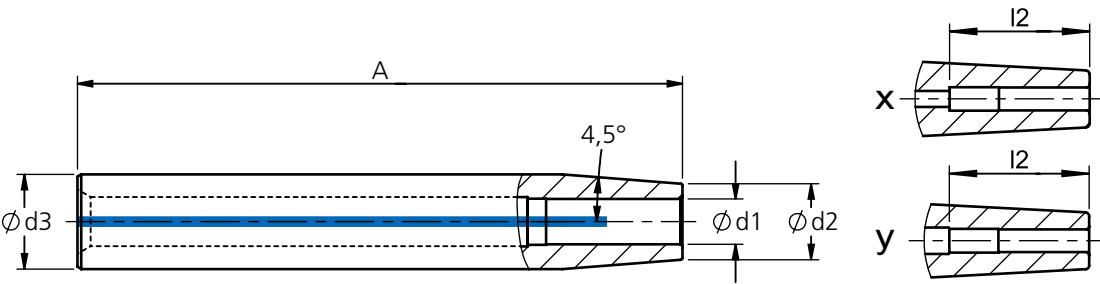


228-A

Bestell-Nr. order number No.	ER	Ø d1	Ø d2	Ø d3	A	l1	l2	x	y	
915-MK20380	MK2	3	11	18	-	80	12		x	
915-MK20480	MK2	4	11	18	-	80	16		x	
915-MK20580	MK2	5	13	18	-	80	20		x	
915-MK20640	MK2	6	15	18	-	40	36	x		
915-MK20670	MK2	6	15	18	-	70	36	x		
915-MK20840	MK2	8	17	18	-	40	36	x		
915-MK20870	MK2	8	17	18	-	70	36	x		
915-MK21040	MK2	10	18	18	-	40	41	x		
915-MK21070	MK2	10	18	18	-	70	41	x		
915-MK30660	MK3	6	15	24	-	60	36	x		
915-MK30680	MK3	6	15	24	-	80	36	x		
915-MK306100	MK3	6	15	24	-	100	36	x		
915-MK306150	MK3	6	15	24	-	150	36	x		
915-MK30875	MK3	8	17	24	-	75	36	x		
915-MK308100	MK3	8	17	24	-	100	36	x		
915-MK308150	MK3	8	17	24	-	150	36	x		
915-MK31045	MK3	10	19	24	-	45	41	x		
915-MK31075	MK3	10	19	24	-	75	41	x		
915-MK310100	MK3	10	19	24	-	100	41	x		
915-MK310150	MK3	10	19	24	-	150	41	x		
915-MK31240	MK3	12	22	24	-	40	47	x		
915-MK31270	MK3	12	22	24	-	70	47	x		
915-MK312100	MK3	12	22	24	-	100	47	x		
915-MK312150	MK3	12	22	24	-	150	47	x		
915-MK406100	MK4	6	15	31,5	-	100	36	x		
915-MK406150	MK4	6	15	31,5	-	150	36	x		
915-MK408100	MK4	8	17	31,5	-	100	36	x		
915-MK408150	MK4	8	17	31,5	-	150	36	x		
915-MK410100	MK4	10	19	31,5	-	100	41	x		
915-MK410150	MK4	10	19	31,5	-	150	41	x		
915-MK412100	MK4	12	22	31,5	-	100	47	x		
915-MK412150	MK4	12	22	31,5	-	150	47	x		
915-MK41650	MK4	16	26	31,5	-	50	50	x		
915-MK416100	MK4	16	26	31,5	-	100	50	x		
915-MK416150	MK4	16	26	31,5	-	150	50	x		

Schrumpfverlängerungen, zylindrisch

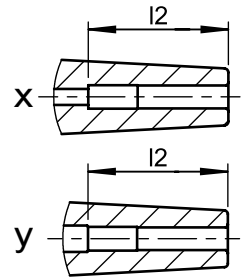
Cylindrical shrinking extensions
Adapteur de frettage cylindrique
Prolunga cilindrache per calettamento a caldo



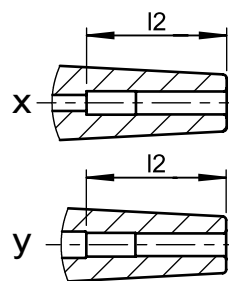
Bestell-Nr. order number No.	Ø d1	Ø d2	Ø d3	A	l1	l2	x	y	
985-ZY1203160	3	8	12	160	-	12		x	
985-ZY1603160	3	10	16	160	-	12		x	
985-ZY1204160	4	8	12	160	-	16		x	
985-ZY1604160	4	10	16	160	-	16		x	
985-ZY1605160	5	10	16	160	-	20		x	
985-ZY2005160	5	14	20	160	-	20		x	
985-ZY1606160	6	10	16	160	-	36		x	
985-ZY2006160	6	14	20	160	-	36		x	
985-ZY2006250	6	14	20	250	-	36	x		
985-ZY2506250	6	14	25	250	-	36	x		
985-ZY2506300	6	14	25	300	-	36	x		
985-ZY1608160	8	12	16	160	-	36	x		
985-ZY2008160	8	14	20	160	-	36		x	
985-ZY2008250	8	14	20	250	-	36	x		
985-ZY2508160	8	19	25	160	-	36		x	
985-ZY2508250	8	19	25	250	-	36	x		
985-ZY2510160	10	20	25	160	-	41		x	
985-ZY2510250	10	20	25	250	-	41	x		
985-ZY3210160	10	27	32	160	-	41		x	
985-ZY2512160	12	20	25	160	-	47		x	
985-ZY2512250	12	20	25	250	-	47	x		
985-ZY3212160	12	27	32	160	-	47		x	
985-ZY3212250	12	27	32	250	-	47	x		
985-ZY2514160	14	22	25	160	-	47	x		
985-ZY2514250	14	22	25	250	-	47	x		
985-ZY3214160	14	27	32	160	-	47	x		
985-ZY2516160	16	22	25	160	-	50	x		
985-ZY2516200	16	22	25	200	-	50	x		
985-ZY3216160	16	27	32	160	-	50	x		
985-ZY3220160	20	27	32	160	-	52	x		
985-ZY3220200	20	27	32	200	-	52	x		
985-ZY3220250	20	27	32	250	-	52	x		

Cylindrical shrinking extensions
Adapteur de frettage cylindrique
Prolunghe cilindriche per calettamento a caldo

Prolunghe cilindriche per calettamento a caldo



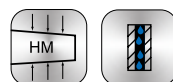
Shrinking extensions - spring chucks type
Adapteur - système ER de frettage
Prolunghe per pinze tipo ER per calettamento a caldo

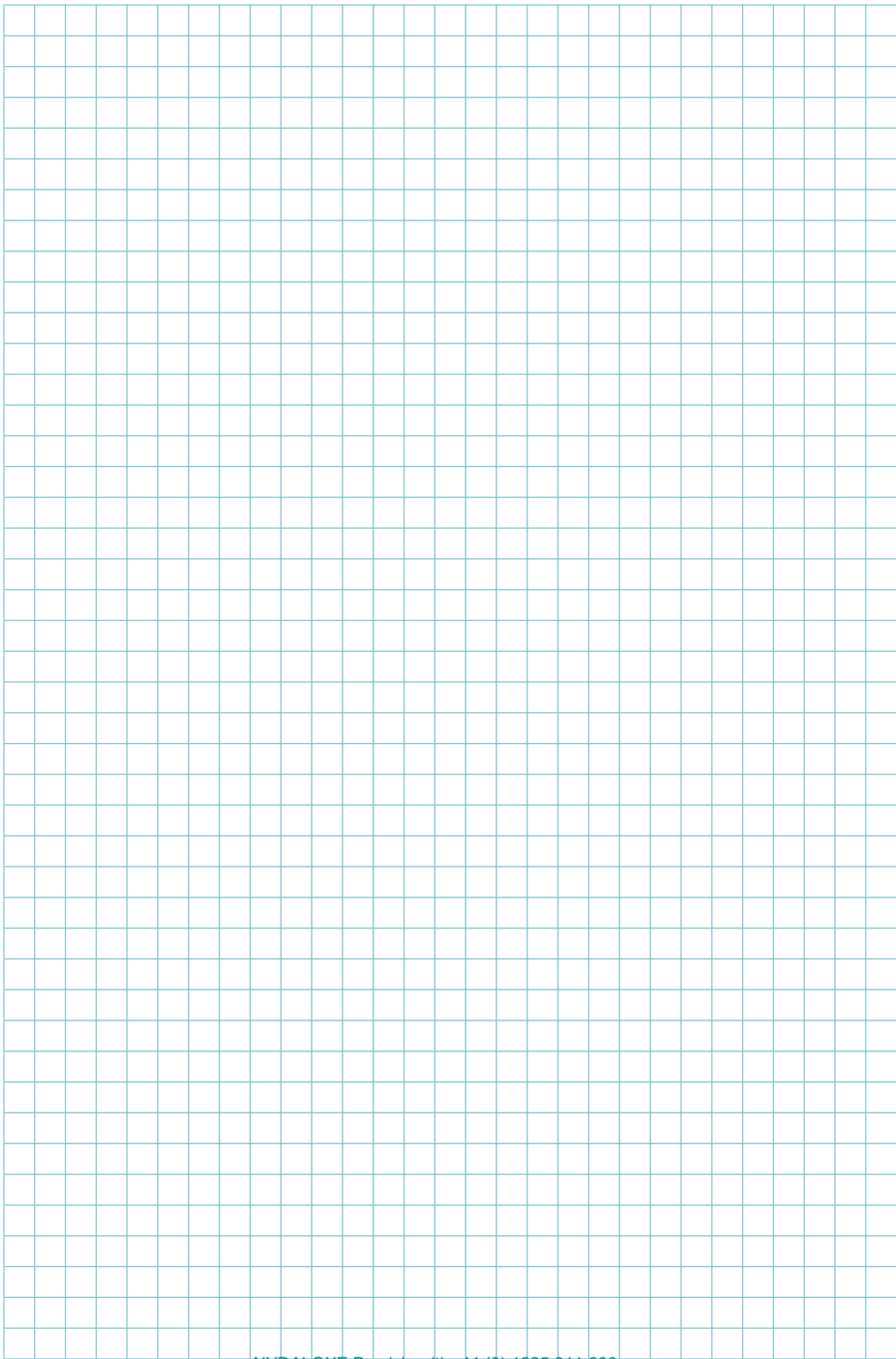
108 rineck

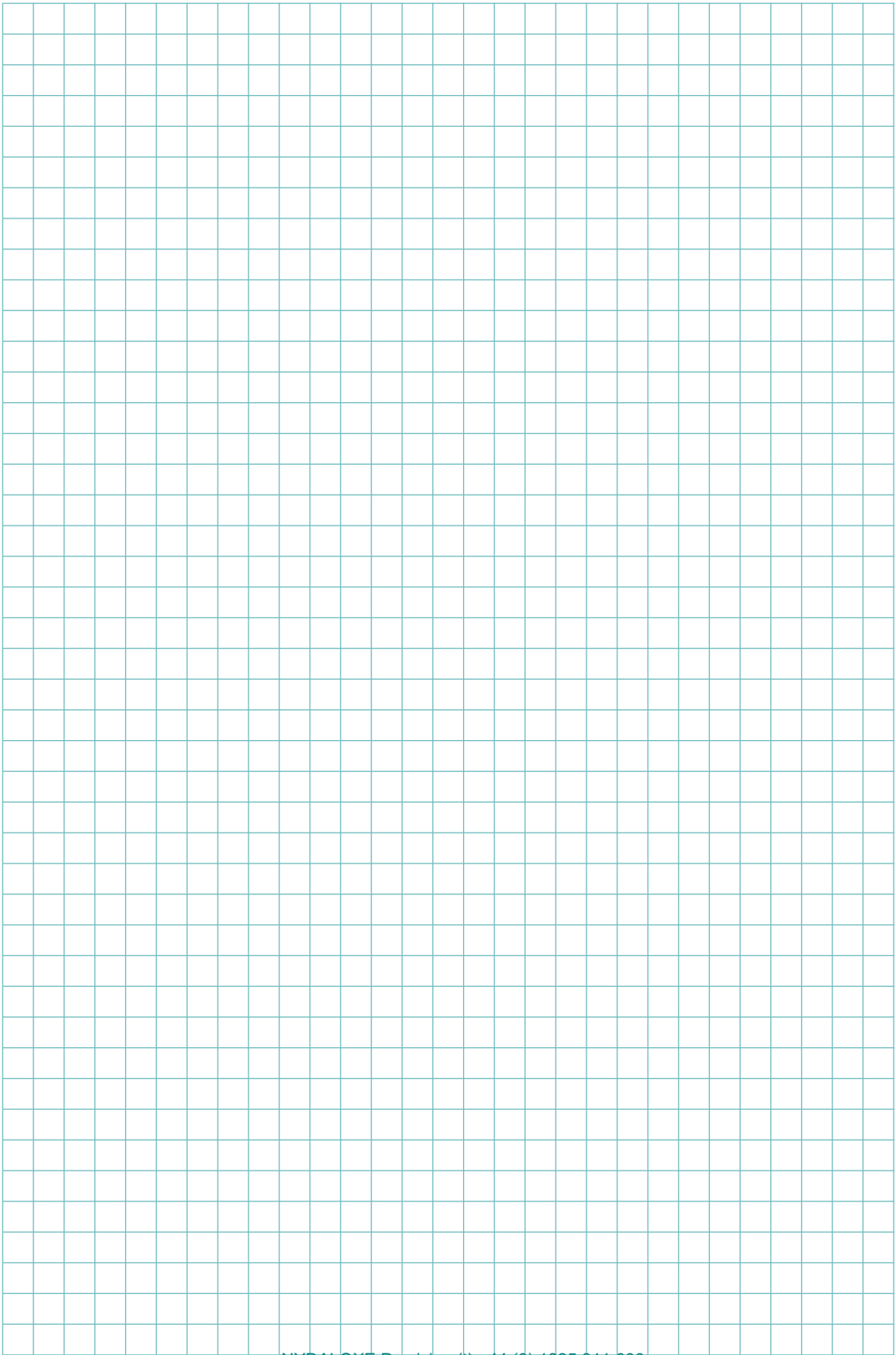
Shrinking extensions - spring chucks type
Adapteur - système ER de frettage
Prolunghe per pinze tipo ER per calettamento a caldo

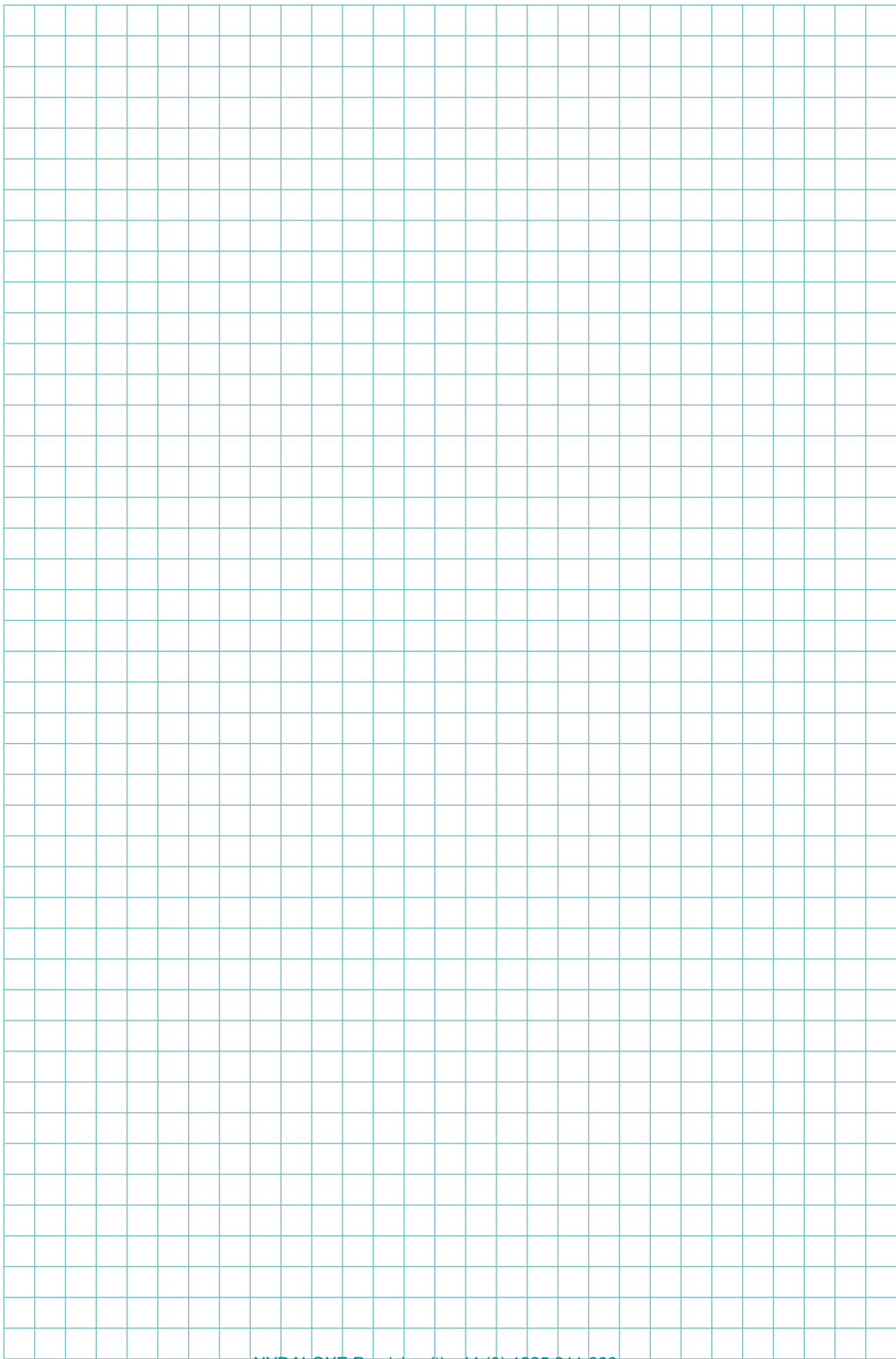
rineck 109

Shrinking extension screw in type version
Mandrin de frettage avec filéte intern
Prolunghe con filetto per calettamento a caldo









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PIKTOGRAMME

Pictograms / Pictogrammes / Legenda



Mit Innenkühlung
With internal cooling
Arrosage intérieur
Con refrigerazione interna



6535-HA

Schaftausführung DIN 6535-HA
Shank DIN 6535-HA
Queue DIN 6353-HA
Attacco DIN 6353-HA



HSS

Zum Spannen von HSS-und Stahlschäften
For clamping HSS-and steel shanks
Pour le serrage des queues en acier rapide HSS
Attacco per fissaggio di gambi fresa in acciaio super rapidi



HM

Zum Spannen von HM-Schäften
For clamping carbide shanks
Pour le serrage des queues en carbure
Attacco per fissaggio di gambi fresa in metallo duro



PSC

Polygonschaftkegel ISO 26623-1
Polygonal taper interface ISO 26623-1
Interfaces à cône polygonal ISO 26623-1
Attacco conico poligonale ISO 26623-1



ISO
26623-1

Polygonschaftkegel ISO 26623-1
Polygonal taper interface ISO 26623-1
Interfaces à cône polygonal ISO 26623-1
Attacco conico poligonale ISO 26623-1



DIN
6499

Spannzange DIN 6499
Collet DIN 6499
Pinze DIN 6499
Pinza DIN 6499



228-A

Morsekegel DIN 228-A
Morse taper DIN 228-A
Attachement cône morse DIN 228-A
Attacco cono Morse DIN 228-A



69 871

Steilkegel DIN 69 871
Shank DIN 69 871
Attachement cône DIN 69871
Attacco conico DIN 69 871



Form
AD

Steilkegel DIN 69871 - AD
Shank DIN 69871 - AD
Attachement cône DIN 69871 - AD
Attacco DIN 69871 - AD



Form
AD/B

Steilkegel DIN 69871 - AD/B
Shank DIN 69871 - AD/B
Attachement cône DIN 69871 - AD/B
Attacco DIN 69871 - AD/B



69 893-1

Hohlschaftkegel DIN 69 893-1
Hollow taper shank DIN 69 893-1
Attachement HSK DIN 69893-1
Attacco conico HSK DIN 69 893-1



69 893-5

Hohlschaftkegel DIN 69 893-5
Hollow taper shank DIN 69 893-5
Attachement HSK DIN 69893-5
Attacco conico HSK DIN 69 893-5



69 893-6

Hohlschaftkegel DIN 69 893-6
Hollow taper shank DIN 69 893-6
Attachement HSK DIN 69893-6
Attacco conico HSK DIN 69 893-6



JIS B 6339

Steilkegel JIS B 6339 (MAS-BT)
Shank JIS B 6339 (MAS-BT)
Attachement cône JIS B 6339 (MAS-BT)
Attacco conico JIS B 6339 (MAS-BT)



69873

Bohrung für Datenträger DIN 69873
Data Chip hole DIN 69873
Trou chip de mémoire DIN 69873
Foro chip di memoria DIN 69873



Kühlkanal verschliessbar
Cooling jets closeable
Circuit de refroidissement avec fermeture étanche
Ugelli di adduzione otturabili



Kühlkanal nicht verschliessbar
Cooling jets not closeable
Circuit de refroidissement sans fermeture étanche
Ugelli di adduzione non otturabili

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