

Fine boring head system with expanded line up of **master shanks**





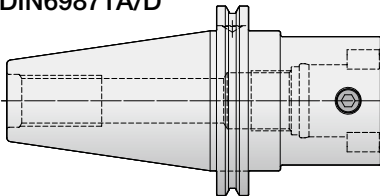
ACCELERATED MACHINING



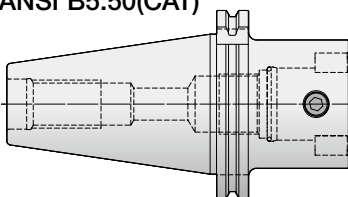
High accuracy diameter adjustment mechanism with no backlash. Easy-to-read digital display window.

Wide range of variation quick change system

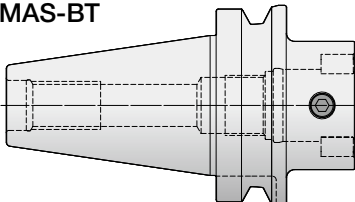
DIN69871A/D



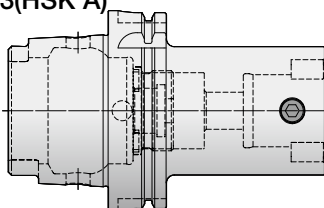
ANSI B5.50(CAT)



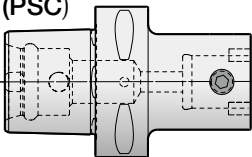
MAS-BT



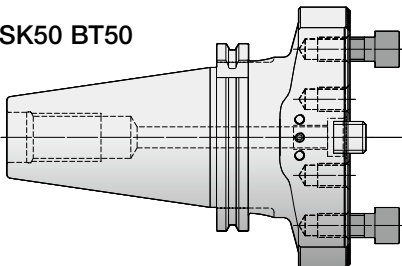
DIN69893(HSK A)



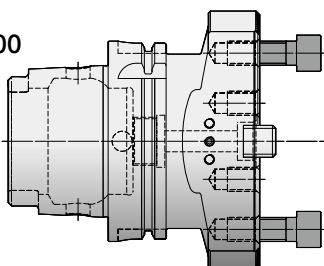
ISO26623-1(PSC)



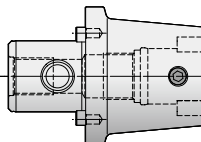
SK50 BT50



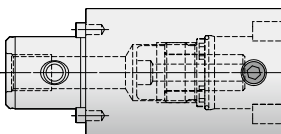
HSK-A100



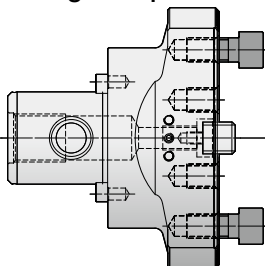
Reduction



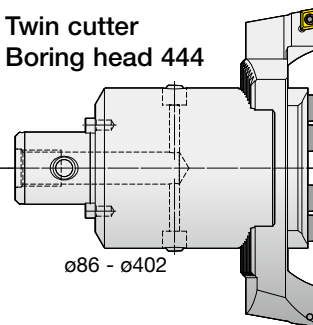
Extension



Bridge adaptor

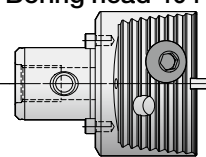


Twin cutter
Boring head 444



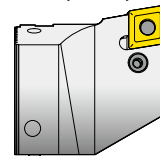
ø86 - ø402

Twin cutter
Boring head 404

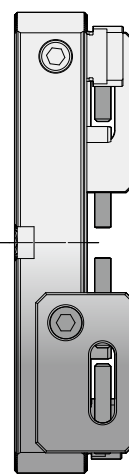


ø23.5 - ø153

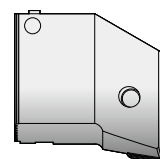
Boring head
570, 575, 580

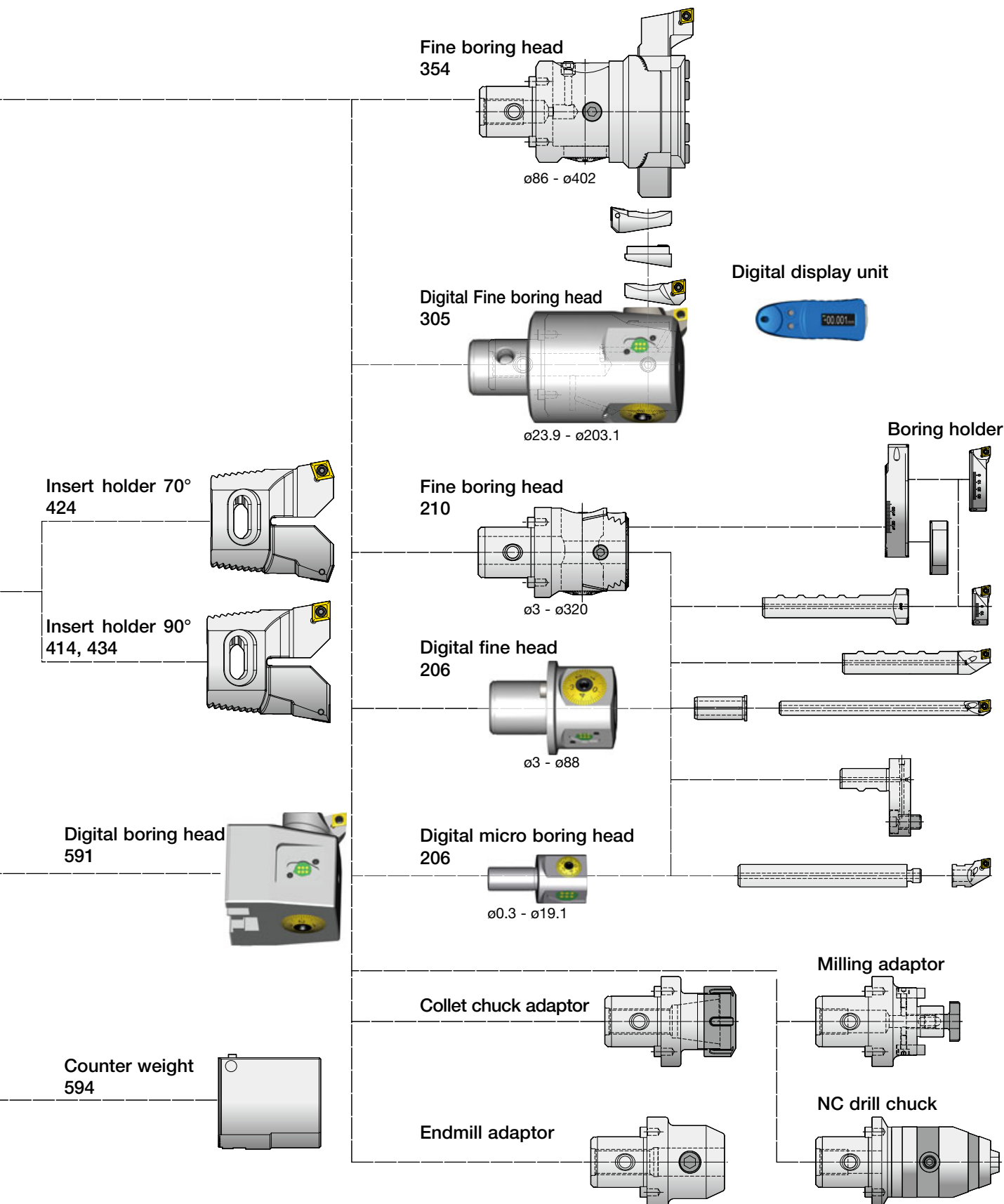


Extension Bridge

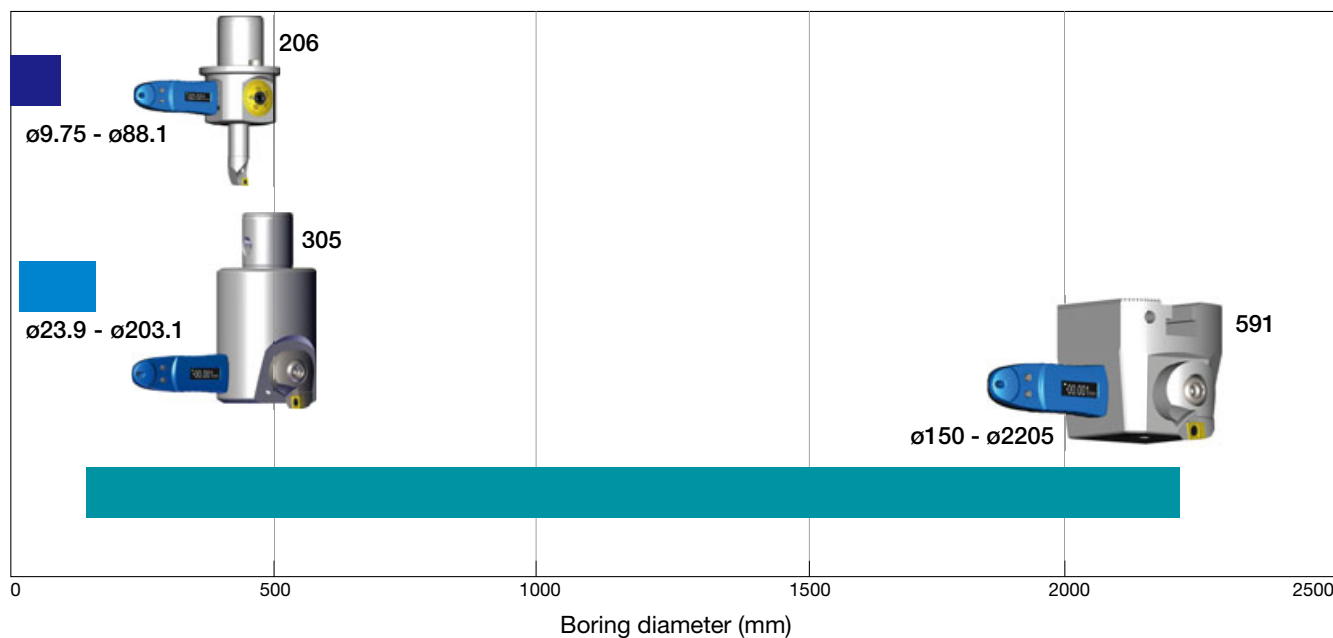


ø150 - ø2205

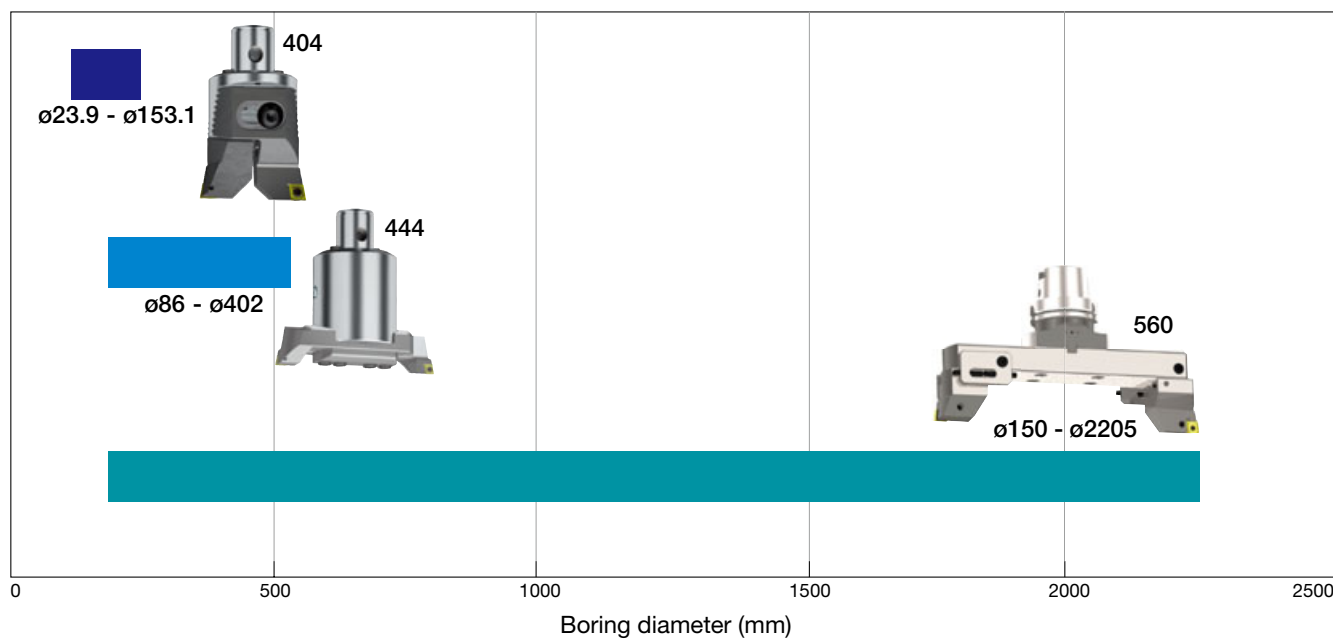




Digital fine boring head

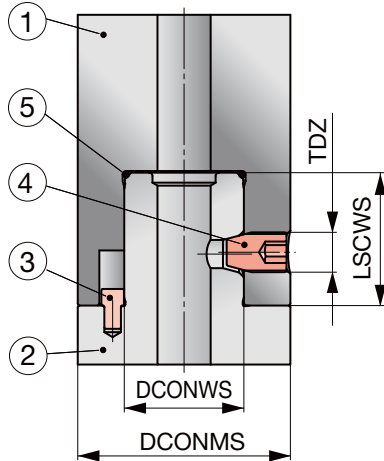


Roughing boring head



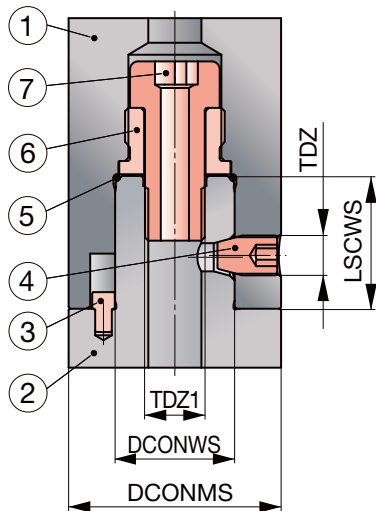
Highly rigid quick change coupling system

ST type



The male pilot ② is placed into the female receptacle ① and clamped with a radial clamping screw ④. Large contact surface and high prestress provide high rigidity. Two drive studs ③ ensure an accurate tip orientation and are used additionally for driving. On the female receptacle's base an O-ring ⑤ is fitted.

ST+ type for heavy cutting



ST+ provides an additional feature for heavy machining applications. By using a tension screw ⑦ a massive increase in prestress is achieved causing maximum in rigidity. The tension screw ⑦ is fitted in female receptacle by a threaded ring ⑥. Clamping of the system elements with the tension screw ⑦ is required only for extreme cutting conditions. Therefore the ST+-components are supplied without a tension screw ⑦ and threaded ring ⑥. These parts must be ordered separately and assembled by the user.

Coupling size	Diameter (mm)			TDZ	Torque (N·m)	TDZ1
	DCONMS	DCONWS	LSCWS			
ST1	20	11	13	M4 x 0.5	2.5	-
ST2	25	14	16	M5 x 0.5	3	-
ST3	32	18	20	M6 x 0.75	5	-
ST4	39	22	24	M8 x 0.75	10	-
ST5	50	28	30	M10 x 1	20	-
ST6 / ST6+	64	36	40	M12 x 1	40	M18 x 2
ST7+	90	46	50	M20 x 1.5	60	M24 x 2

Fine boring head system makes **micron adjustment easy and simple in the machine**

Fine boring heads with digital display



206



ø9.75 - ø88.1

305



ø23.9 - ø203.1

591



ø150 - ø2205

- High setting accuracy adjustable in 0.001 mm in diameter.
- Easy-to-use digital display unit. Simply dock on the tool body to display an accurate tool diameter while mounted in the machine.
- Direct measurement system with no backlash.
- Economy-one digital unit can be used with all digital fine boring head.
- Internal coolant supply system for improved chip control.

GH1-DA

Digital display unit



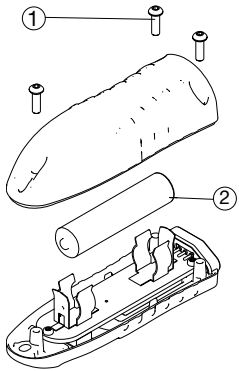
Designation

GH1-DA2.BG0.077

High precision display unit with accuracy of 0.001 mm in diameter. Display unit features direct measurement system with no backlash. The illuminated display can be rotated 180 degrees to apply any measuring situation.
mm/inch switchable
Standard AAA battery installed.
Magnet attachment

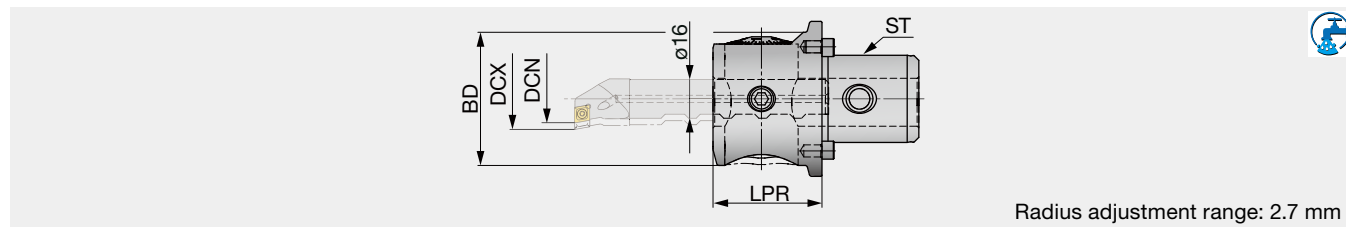
SPARE PARTS

			
Designation	Clamping screw ①	Screw wrench	Battery ②
GH1-DA2.BG0.077	900.309.022.008	900.308.011.045	AAA



SwissBore206

Digital Fine boring heads $\varnothing 9.75$ - $\varnothing 88.1$

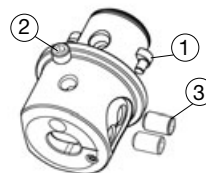


Designation	ST	BD	DCN	DCX	LPR
206.064.025.045	ST6	55	9.75	88.1	45

SPARE PARTS

Designation	Drive pin ①	Clamping screw ②	Fastening screw ③
206.***.025.***	900.102.064.000	900.204.010.008	900.204.010.008

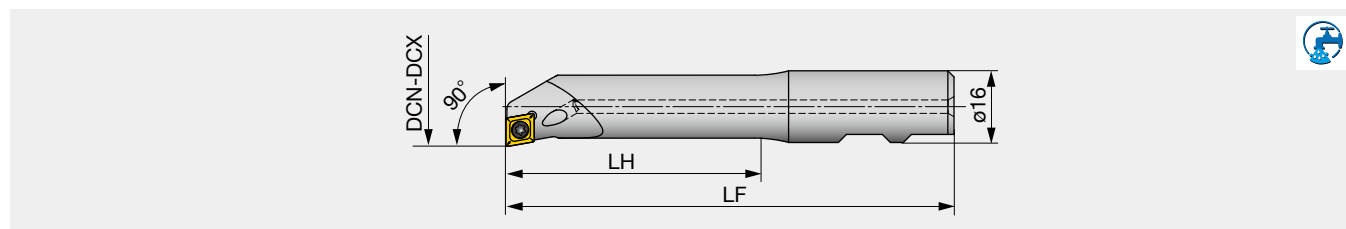
Applicable for 3 MPa pressure coolant



Boring bars 254,256
Option : Display unit GH1-DA2.BG0.077

SwissBore254

Boring bars $\varnothing 9.75$ - $\varnothing 30.1$



Designation	DCN	DCX	LH	LF	Insert
254.010.006.075	9.75	15.1	30	75	CC**0602...
254.015.006.090	14.75	20.1	51	90	CC**0602...
254.020.006.105	19.75	25.1	72	105	CC**0602...
254.025.006.115	24.75	30.1	82	115	CC**0602...

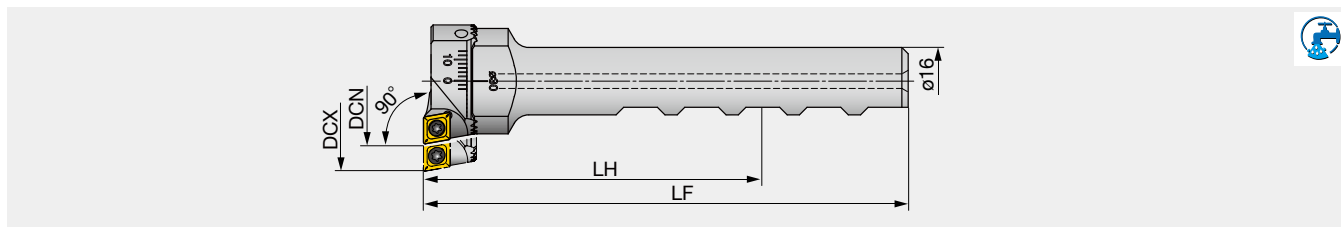
SPARE PARTS

Designation	Clamping screw	Wrench
254.0**.006.***	CSTB-2.5S	T-8F



SwissBore256

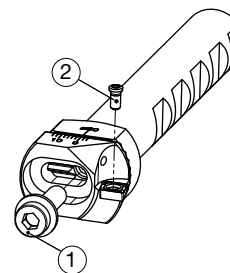
Boring Bars $\varnothing 29.75$ - $\varnothing 88.1$



Designation (Shank)	Designation (Insert holder)	DCN	DCX	LH	LF	Insert
256.030.048.115	256.030.006.012	29.75	48.1	85	115	CC**0602...
256.048.088.115	256.048.006.014	47.75	88.1	85	115	CC**0602...

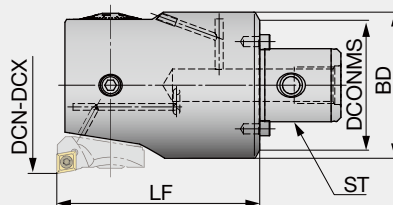
SPARE PARTS

Designation	Fastening screw ①	Clamping screw ②	Wrench ③
256.0**.006.0**	900.256, 005.016	CSTB-2.5S	T-8F



SwissBore305

Digital Fine boring heads $\varnothing 23.9$ - $\varnothing 203.1$



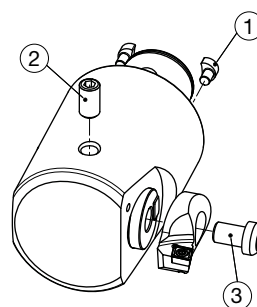
Designation	ST	DCN	DCX	DCONMS	BD	LF	Insert holder
305.020.024.035	ST1	23.9	31.1	19.6	22.5	35.5	314.011.024.006/007
305.020.024.035	ST1	29.9	37.1	19.6	22.5	35.5	314.011.030.006/007
305.025.031.040	ST2	30.9	40.1	24.6	29	40	314.013.031.006/007
305.025.031.040	ST2	30.9	47.1	24.6	29	40	314.013.038.006/007
305.032.040.047	ST3	39.9	51.1	31.4	37	47	314.017.040.006/007
305.032.040.047	ST3	47.9	59.1	31.4	37	47	314.017.048.006/007
305.039.051.057	ST4	50.9	67.1	38.4	47	57	314.022.051.006/007
305.039.051.057	ST4	64.9	81.1	38.4	47	57	314.022.065.006/007
305.050.067.080	ST5	66.9	87.1	50	59	80	314.030.067.009/011
305.050.067.080	ST5	84.9	105.1	50	59	80	314.030.085.009/011
305.064.087.100	ST6+	86.9	116.1	64	72	100	314.030.067.009/011
305.064.087.100	ST6+	104.9	134.1	64	72	100	314.030.085.009/011
305.090.116.130	ST7+	115.9	153.1	90	94	130	314.030.067.009/011
305.090.116.130	ST7+	133.9	171.1	90	94	130	314.030.085.009/011
305.090.116.130	ST7+	153.9	191.1	90	94	130	314.726.003.009/011
305.090.116.130	ST7+	165.9*	203.1*	90	94	130	-

*Option : insert holder (314.726.003.009) & adapter (900.803.001.006)

Applicable for 7 MPa pressure coolant

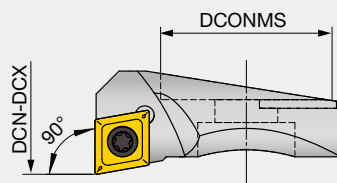
SPARE PARTS

Designation	Drive pin ①	Clamp screw ②	Clamp screw for tool ③
305.020.024.035	900.102.020.000	900.304.004.003	900.314.004.006
305.025.031.040	900.102.025.000	900.304.005.004	900.314.005.008
305.032.040.047	900.102.032.000	900.304.006.005	900.314.006.010
305.039.051.057	900.102.039.000	900.304.008.006	900.314.008.012
305.050.067.080	900.102.050.000	900.304.010.010	900.314.010.016
305.064.087.100	900.102.064.000	900.304.010.018	900.314.010.016
305.090.116.130	900.102.090.000	900.304.010.030	900.314.010.016



SwissBore314

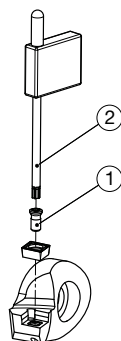
Insert holders 90° corner for CC**insert



Designation	DCN	DCX	DCONMS	Insert	Boring Head
314.011.024.006	23.9	31.1	11	CC**0602**	305.020.024.035
314.011.030.006	29.9	37.1	11	CC**0602**	305.020.024.035
314.013.031.006	30.9	40.1	13	CC**0602**	305.025.031.040
314.013.038.006	37.9	47.1	13	CC**0602**	305.025.031.040
314.017.040.006	39.9	51.1	17	CC**0602**	305.032.040.047
314.017.048.006	47.9	59.1	17	CC**0602**	305.032.040.047
314.022.051.006	50.9	67.1	22	CC**0602**	305.039.051.057
314.022.065.006	64.9	81.1	22	CC**0602**	305.039.051.057
314.030.067.009	66.9	87.1	30	CC**09T3**	305.050.067.080
314.030.085.009	84.9	105.1	30	CC**09T3**	305.050.067.080
314.030.067.009	86.9	116.1	30	CC**09T3**	305.064.087.100
314.030.085.009	104.9	134.1	30	CC**09T3**	305.064.087.100
314.030.067.009	115.9	153.1	30	CC**09T3**	305.090.116.130
314.030.085.009	133.9	171.1	30	CC**09T3**	305.090.116.130
314.726.003.009	153.9	191.1	30	CC**09T3**	305.090.116.130

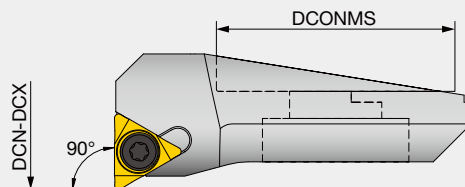
SPARE PARTS

Designation	Clamping screw ①	Wrench ②
314.***.***.006	CSTB-2.5S	T-8F
314.***.***.009	CSTB-4S	T-15F



SwissBore314

Insert holders 90° corner for TP**insert

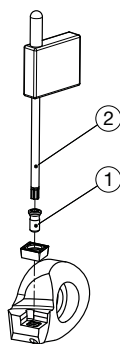


Designation	DCN	DCX	DCONMS	Insert	Boring Head
314.011.024.007	23.9	31.1	11	TP**0701**	305.020.024.035
314.011.030.007	29.9	37.1	11	TP**0701**	305.020.024.035
314.013.031.007	30.9	40.1	13	TP**0701**	305.025.031.040
314.013.038.007	37.9	47.1	13	TP**0701**	305.025.031.040
314.017.040.007	39.9	51.1	17	TP**0701**	305.032.040.047
314.017.048.007	47.9	59.1	17	TP**0701**	305.032.040.047
314.022.051.007	50.9	67.1	22	TP**0701**	305.039.051.057
314.022.065.007	64.9	81.1	22	TP**0701**	305.039.051.057
314.030.067.011	66.9	87.1	30	TP**1102**	305.050.067.080
314.030.085.011	84.9	105.1	30	TP**1102**	305.050.067.080
314.030.067.011	86.9	116.1	30	TP**1102**	305.064.087.100
314.030.085.011	104.9	134.1	30	TP**1102**	305.064.087.100
314.030.067.011	115.9	153.1	30	TP**1102**	305.090.116.130
314.030.085.011	133.9	171.1	30	TP**1102**	305.090.116.130
314.726.003.011	153.9	191.1	30	TP**1102**	305.090.116.130

SPARE PARTS

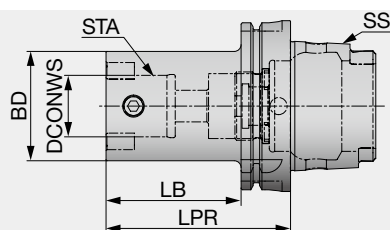


Designation	Clamping screw ①	Wrench ②
314.***.***.007	CSTB-2.2L038	T-7F
314.***.***.011	CSTB-2.5S	T-8F



New**SwissBore144**

Master shank holders DIN 69893

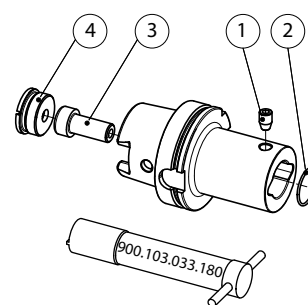


Designation	SS	STA	BD	DCONWS	LPR	LB
144.806.020.042	HSK A 63	ST1	20	11	42	16
144.806.025.042	HSK A 63	ST2	25	14	42	16
144.806.032.044	HSK A 63	ST3	32	18	44	18
144.806.039.048	HSK A 63	ST4	39	22	48	22
144.806.050.059	HSK A 63	ST5	50	28	59	33
144.806.064.070	HSK A 63	ST6	64	36	70	44
144.806.064.100	HSK A 63	ST6+	64	36	100	74
144.810.020.055	HSK A 100	ST1	20	11	55	26
144.810.025.055	HSK A 100	ST2	25	14	55	26
144.810.032.057	HSK A 100	ST3	32	18	57	28
144.810.039.061	HSK A 100	ST4	39	22	61	32
144.810.050.072	HSK A 100	ST5	50	28	72	43
144.810.064.078	HSK A 100	ST6	64	36	78	49
144.810.064.108	HSK A 100	ST6+	64	36	108	79
144.810.090.127	HSK A 100	ST7+	90	46	127	98

Option : Tension screw & Threading ring of ST+ type

SPARE PARTS

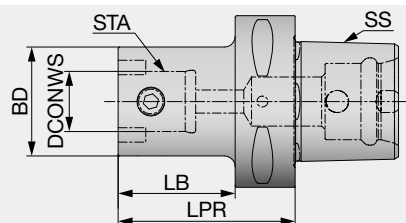
Clamping size	Clamping screw ①	O-ring ②	Tension screw ③ (Optional)	Threaded ring ④ (Optional)
ST1	900.100.004.005	900.101.008.002	-	-
ST2	900.100.005.006	900.101.011.002	-	-
ST3	900.100.006.008	900.101.015.002	-	-
ST4	900.100.008.011	900.101.019.002	-	-
ST5	900.100.010.012	900.101.025.002	-	-
ST6	900.100.012.018	900.101.032.002	-	-
ST6+	900.100.012.018	900.101.032.002	(900.102.018.040)	-
ST7+	900.100.020.029	900.101.043.002	(900.102.024.045)	-
HSK A 63	-	-	-	(900.104.030.014)
HSK A 100	-	-	-	(900.104.040.020)



New

SwissBore154

Master shank holders PSC (TungCap)

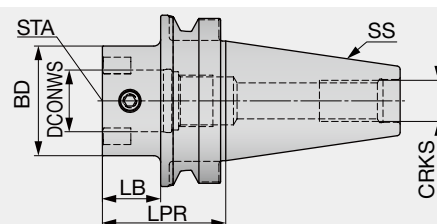


Designation	SS	STA	BD	DCONWS	LPR	LB
154.806.020.065	C6	ST1	20	11	65	43
154.806.025.065	C6	ST2	25	14	65	43
154.806.032.065	C6	ST3	32	18	65	43
154.806.039.058	C6	ST4	39	22	58	36
154.806.050.048	C6	ST5	50	28	48	26
154.806.064.059	C6	ST6	64	36	59	37
154.806.064.094	C6	ST6+	64	36	94	72

Option : Tension screw & Threading ring of ST+ type

SwissBore134

Master shank holders MAS-BT

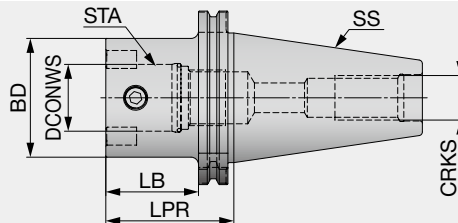


Designation	SS	STA	BD	DCONWS	LPR	LB	CRKS
134.530.050.038	BT30	ST5	50	28	38	16	M12
134.540.020.042	BT40	ST1	20	11	42	15	M16
134.540.025.042	BT40	ST2	25	14	42	15	M16
134.540.032.044	BT40	ST3	32	18	44	17	M16
134.540.039.048	BT40	ST4	39	22	48	21	M16
134.540.050.055	BT40	ST5	50	28	55	28	M16
134.540.064.046	BT40	ST6+	64	36	46	19	M16
134.550.020.063	BT50	ST1	20	11	63	25	M24
134.550.025.063	BT50	ST2	25	14	63	25	M24
134.550.032.065	BT50	ST3	32	18	65	27	M24
134.550.039.069	BT50	ST4	39	22	69	31	M24
134.550.050.072	BT50	ST5	50	28	72	34	M24
134.550.064.072	BT50	ST6+	64	36	72	34	M24
134.550.090.086	BT50	ST7+	90	46	86	48	M24

Option : Tension screw & Threading ring of ST+ type

New**SwissBore114**

Master shank holders DIN 69871 A/D

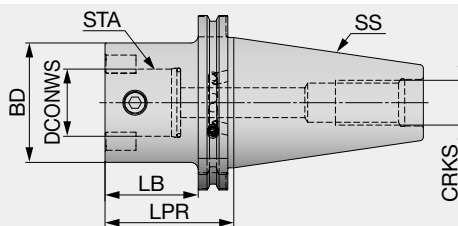


Designation	SS	STA	BD	DCONWS	LPR	LB	CRKS
114.430.050.050	SK30	ST5	50	28	50	30.9	M12
114.440.020.035	SK40	ST1	20	11	35	15.9	M16
114.440.025.040	SK40	ST2	25	14	40	20.9	M16
114.440.032.040	SK40	ST3	32	18	40	20.9	M16
114.440.039.043	SK40	ST4	39	22	43	23.9	M16
114.440.050.043	SK40	ST5	50	28	43	23.9	M16
114.440.064.059	SK40	ST6+	64	36	59	39.9	M16
114.450.020.045	SK50	ST1	20	11	45	25.9	M24
114.450.025.050	SK50	ST2	25	14	50	30.9	M24
114.450.032.050	SK50	ST3	32	18	50	30.9	M24
114.450.039.053	SK50	ST4	39	22	53	33.9	M24
114.450.050.053	SK50	ST5	50	28	53	33.9	M24
114.450.064.069	SK50	ST6+	64	36	69	49.9	M24
114.450.090.085	SK50	ST7+	90	46	85	65.9	M24

Option : Tension screw & Threading ring of ST+ type

New**SwissBore124**

Master shank holders DIN 69871 B



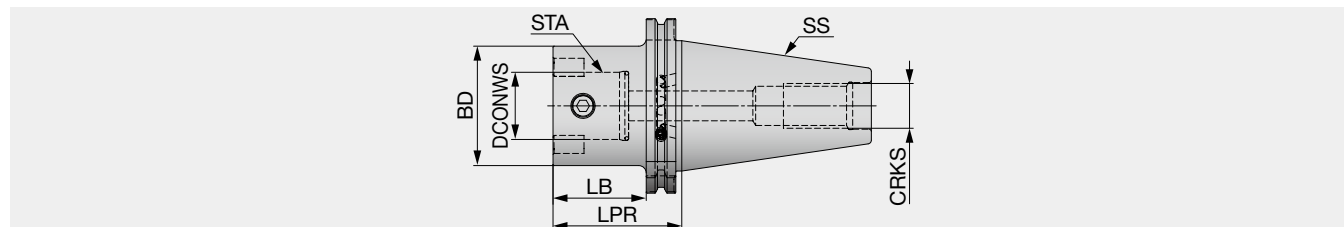
Designation	SS	STA	BD	DCONWS	LPR	LB	CRKS
124.440.020.035	SK40	ST1	20	11	35	15.9	M16
124.440.025.040	SK40	ST2	25	14	40	20.9	M16
124.440.032.040	SK40	ST3	32	18	40	20.9	M16
124.440.039.043	SK40	ST4	39	22	43	23.9	M16
124.440.050.043	SK40	ST5	50	28	43	23.9	M16
124.440.064.059	SK40	ST6+	64	36	59	39.9	M16
124.450.020.045	SK50	ST1	20	11	45	25.9	M24
124.450.025.050	SK50	ST2	25	14	50	30.9	M24
124.450.032.050	SK50	ST3	32	18	50	30.9	M24
124.450.039.053	SK50	ST4	39	22	53	33.9	M24
124.450.050.053	SK50	ST5	50	28	53	33.9	M24
124.450.064.069	SK50	ST6+	64	36	69	49.9	M24

Option : Tension screw & Threading ring of ST+ type

New

SwissBoreSP

Master shank holders DIN 69871 B2 with face contact

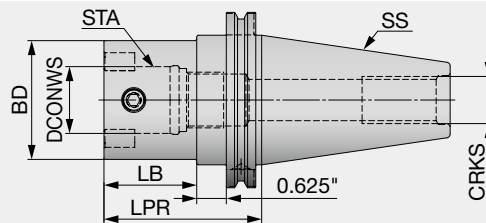


Designation	SS	STA	BD	DCONWS	LPR	LB	CRKS
SP4.ST5.K01.043	SK40	ST5	50	28	41	25	M16
SP4.ST6.K01.059	SK40	ST6	64	36	59	43	M16
SP5.ST5.K01.053	SK50	ST5	50	28	51	35	M24
SP5.ST6.K01.069	SK50	ST6	64	36	69	53	M24
SP5.ST6.K01.100	SK50	ST6+	64	36	100	84	M24
SP5.ST7.K01.100	SK50	ST7	90	46	100	84	M24

Option : Tension screw & Threading ring of ST+ type

New**SwissBore104**

Master shank holders ANSI B5.50

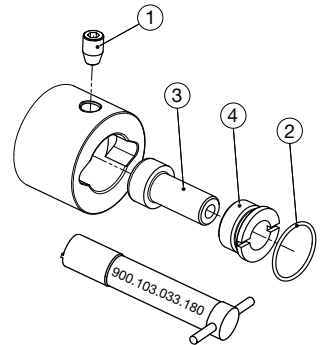


Designation	SS	STA	BD	DCONWS	LPR	LB	CRKS
104.340.020.051	CAT40	ST1	20	11	51	16	5/8"-11
104.340.025.056	CAT40	ST2	25	14	56	21	5/8"-11
104.340.032.056	CAT40	ST3	32	18	56	21	5/8"-11
104.340.039.059	CAT40	ST4	39	22	59	24	5/8"-11
104.340.050.059	CAT40	ST5	50	28	59	24	5/8"-11
104.340.064.075	CAT40	ST6+	64	36	75	40	5/8"-11
104.350.020.061	CAT50	ST1	20	11	61	26	1"-8
104.350.025.066	CAT50	ST2	25	14	66	31	1"-8
104.350.032.066	CAT50	ST3	32	18	66	31	1"-8
104.350.039.069	CAT50	ST4	39	22	69	34	1"-8
104.350.050.069	CAT50	ST5	50	28	69	34	1"-8
104.350.064.085	CAT50	ST6+	64	36	85	50	1"-8
104.350.090.085	CAT50	ST7+	90	46	85	50	1"-8

SPARE PARTS

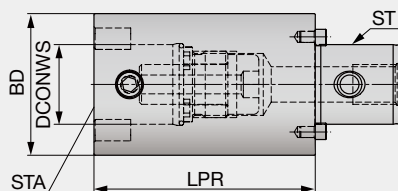
Clamping size	Clamping screw ①	O-ring ②	Tension screw ③ (Optional)	Threaded ring ④ (Optional)
ST1	900.100.004.005	900.101.008.002	-	-
ST2	900.100.005.006	900.101.011.002	-	-
ST3	900.100.006.008	900.101.015.002	-	-
ST4	900.100.008.011	900.101.019.002	-	-
ST5	900.100.010.012	900.101.025.002	-	-
ST6	900.100.012.018	900.101.032.002	-	-
ST6+	900.100.012.018	900.101.032.002	(900.102.018.040)	(900.103.030.020)
ST7+	900.100.020.029	900.101.043.002	(900.102.024.045)	(900.103.040.020)

*For SwissBore114, 124, 134 and 154



SwissBore164

Extension adapters



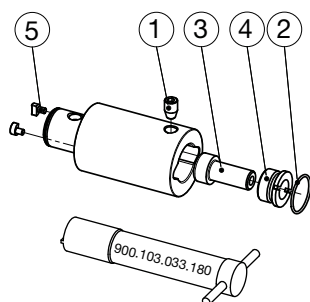
Designation	ST	STA	BD	DCONWS	LPR
164.020.020.020	ST1	ST1	20	11	20
164.020.020.030	ST1	ST1	20	11	30
164.025.025.030	ST2	ST2	25	14	30
164.025.025.045	ST2	ST2	25	14	45
164.032.032.030	ST3	ST3	32	18	30
164.032.032.045	ST3	ST3	32	18	45
164.039.039.040	ST4	ST4	39	22	40
164.039.039.060	ST4	ST4	39	22	60
164.050.050.060	ST5	ST5	50	28	60
164.050.050.090	ST5	ST5	50	28	90
164.064.064.060	ST6+	ST6+	64	36	60
164.064.064.100	ST6+	ST6+	64	36	100
164.090.090.100	ST7+	ST7+	90	46	100
164.090.090.160	ST7+	ST7+	90	46	160

Option : Tension screw & Threading ring of ST+ type

SPARE PARTS

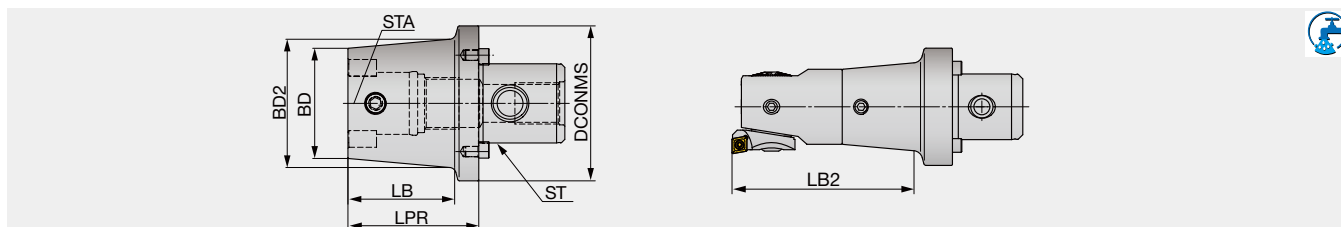


Clamping size	Clamping screw ①	O-ring ②	Tension screw ③ (Optional)	Threaded ring ④ (Optional)	Drive pin ⑤
ST1	900.100.004.005	900.101.008.002	-	-	900.102.020.000
ST2	900.100.005.006	900.101.011.002	-	-	900.102.025.000
ST3	900.100.006.008	900.101.015.002	-	-	900.102.032.000
ST4	900.100.008.011	900.101.019.002	-	-	900.102.039.000
ST5	900.100.010.012	900.101.025.002	-	-	900.102.050.000
ST6	900.100.012.018	900.101.032.002	-	-	900.102.064.000
ST6+	900.100.012.018	900.101.032.002	(900.102.018.040)	(900.103.030.020)	900.102.064.000
ST7+	900.100.020.029	900.101.043.002	(900.102.024.045)	(900.103.040.020)	900.102.090.000



SwissBore184

Reduction adapters

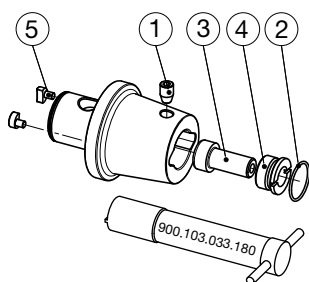


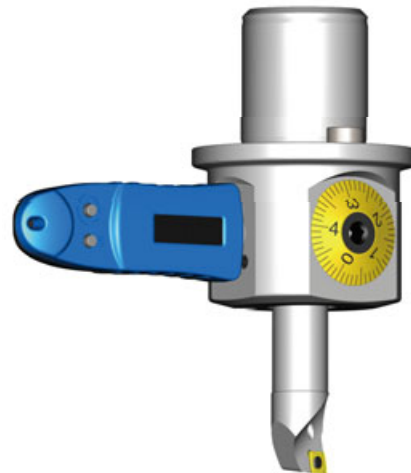
Designation	ST	STA	DCONMS	BD	BD2	LPR	LB	LB2
184.025.020.036	ST2	ST1	25	20	23	36	25	60.5
184.032.025.034	ST3	ST2	32	25	29	34.5	20	60
184.039.032.047	ST4	ST3	39	32	38	47	35	82
184.050.039.040	ST5	ST4	50	39	48	40	25.5	82.5
184.064.050.039	ST6+	ST5	64	50	60	39	24	104

LB2 : Max boring depth with twin cutter or fine boring head
Option : Tension screw & Threading ring of ST+ type

SPARE PARTS

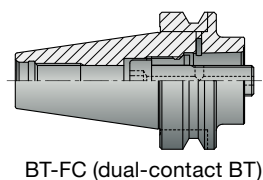
Clamping size	Clamping screw ①	O-ring ②	Tension screw ③ (Optional)	Threaded ring ④ (Optional)	Drive pin ⑤
ST1	900.100.004.005	900.101.008.002	-	-	900.102.020.000
ST2	900.100.005.006	900.101.011.002	-	-	900.102.025.000
ST3	900.100.006.008	900.101.015.002	-	-	900.102.032.000
ST4	900.100.008.011	900.101.019.002	-	-	900.102.039.000
ST5	900.100.010.012	900.101.025.002	-	-	900.102.050.000
ST6	900.100.012.018	900.101.032.002	-	-	900.102.064.000
ST6+	900.100.012.018	900.101.032.002	(900.102.018.040)	(900.103.030.020)	900.102.090.000



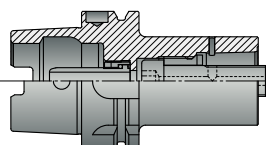


Fine boring head system with high precision adjustment mechanism

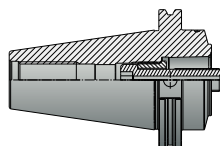
- Easy and accurate adjustment of 1 μ m in diameter is possible on the machine
- Digital display unit is docked on the boring head for micron adjustment
- Economy - one digital unit can be used with all fine boring heads
- Internal coolant for smooth chip control
- Also available with TungCap connection, allowing it for use in multi-tasking machines



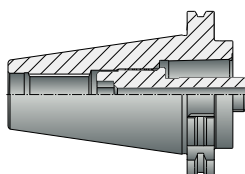
BT-FC (dual-contact BT)



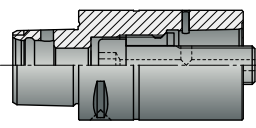
HSK-63A



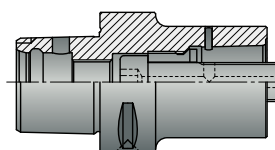
CAT



SK: DIN69871



Extension adaptor



Reduction adaptor



Digital display unit



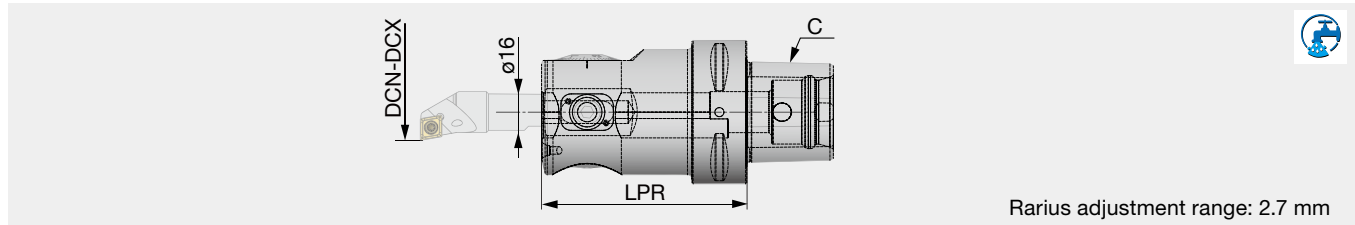
ø23.9 - ø153.1



ø9.75 - ø88.1

TungCap FBHO-DE

Fine boring head with digital display $\varnothing 9.75 - \varnothing 88.1$

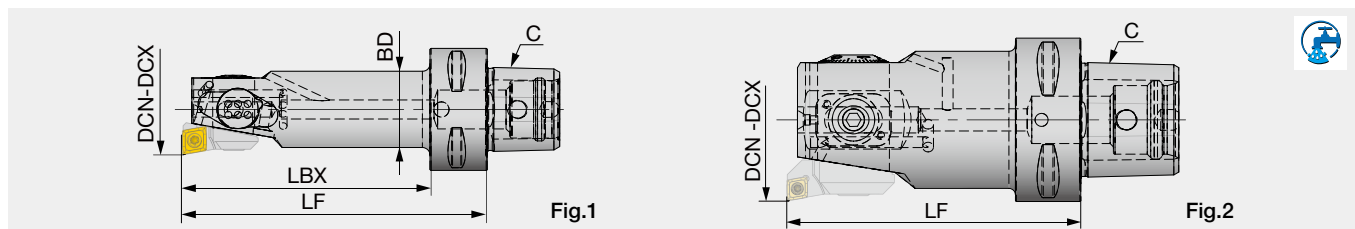


Designation	C	DCN	DCX	LPR	Boring bar
BT4-FBHO-DE-1690	BT40	9.75	88.1	90	254.0**.006... / 256...
HA6-FBHO-DE-1695	HSK A 63	9.75	88.1	95	254.0**.006... / 256...
PSC63-FBHO-DE-1690	C6	9.75	88.1	90	254.0**.006... / 256...
PSC50-FBHO-DE-1670	C5	9.75	88.1	70	254.0**.006... / 256...
PSC40-FBHO-DE-1665	C4	9.75	88.1	65	254.0**.006... / 256...

Applicable for 3 MPa pressure coolant

TungCap FBHS-DE

Fine boring head with digital display $\varnothing 23.9 - \varnothing 153.1$



Designation	C	DCN	DCX	LF	LBX	BD	Fig.	Insert holder
PSC32-FBHS-DE-24	C3	23.9	31.1	80	65	20	1	314.011.024.006/007
PSC32-FBHS-DE-24	C3	29.9	37.1	80	65	20	1	314.011.030.006/007
PSC32-FBHS-DE-31	C3	30.9	40.1	90	75	25	1	314.013.031.006/007
PSC32-FBHS-DE-31	C3	37.5	47.1	90	75	25	1	314.013.038.006/007
PSC40-FBHS-DE-40	C4	39.9	51.1	90	70	32	1	314.017.040.006/007
PSC40-FBHS-DE-40	C4	47.5	59.1	90	70	32	1	314.017.048.006/007
PSC50-FBHS-DE-51	C5	50.9	67.1	90	-	-	2	314.022.051.006/007
PSC50-FBHS-DE-51	C5	64.9	81.1	90	-	-	2	314.022.065.006/007
PSC50-FBHS-DE-67	C5	66.9	87.1	100	-	-	2	314.030.067.009/011
PSC50-FBHS-DE-67	C5	84.9	105.1	100	-	-	2	314.030.085.009/011
PSC63-FBHS-DE-87	C6	86.9	116.1	120	-	-	2	314.030.067.009/011
PSC63-FBHS-DE-87	C6	104.9	134.1	120	-	-	2	314.030.085.009/011
PSC63-FBHS-DE-116	C6	115.9	153.1	140	-	-	2	314.030.067.009/011
PSC63-FBHS-DE-116	C6	133.9	171.1	140	-	-	2	314.030.085.009/011

Insert holder is not included

Applicable for 7 MPa pressure coolant

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