

Side Lock Arbor

- SLA : Side Lock Arbor For Milling and Drilling



COMPLETE METALWORKING SOLUTIONS
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CAT-SLA

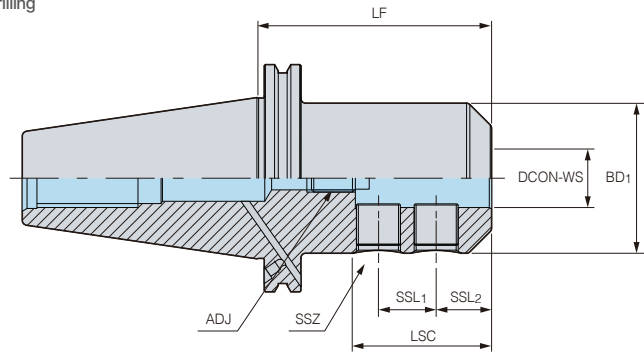
ASME
B5.50-CAT
TaperCoolant Supply
Ready

AD/B

Milling

Drilling

Side Lock Arbor



c Internal coolant system installed

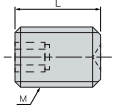
(inch)

Designation				K.P. CODE	STOCK	DCON-WS	LF	BD1	LSC	SSL1	SSL2	SSZ	ADJ
CAT40B-	SLA1/2-3.50	6-01-083566	◆	1/2	3.5	1.65	1.81	-	0.89	7/16"-20UNFx12	M8		
	SLA5/8-3.50	6-01-083567	◆	5/8	3.5	1.89	1.93	-	0.94	7/16"-20UNFx14	M12		
	SLA3/4-4.00	6-01-083568	◆	3/4	4.0	2.05	2.01	-	0.98	5/8"-18UNFx16	M12		
	SLA1-4.00	6-01-083569	◆	1	4.0	2.56	2.32	0.98	0.94	3/4"-16UNFx18	M12		
	SLA1 1/4-4.00	6-01-083570	◆	1 1/4	4.0	2.83	2.48	1.10	0.94	3/4"-16UNFx18	M12		
	SLA1 1/2-4.00	6-01-083571	◆	1 1/2	4.0	3.15	2.87	1.26	1.18	3/4"-16UNFx18 3/4"-16UNFx10	M12		
CAT50B-	SLA1/2-3.5	6-01-083572	◆	1/2	3.5	1.65	1.81	-	0.89	7/16"-20UNFx12	M8		
	SLA5/8-3.5	6-01-083573	◆	5/8	3.5	1.89	1.93	-	0.94	7/16"-20UNFx14	M12		
	SLA3/4-4.00	6-01-083574	◆	3/4	4.0	2.05	2.01	-	0.98	5/8"-18UNFx16	M12		
	SLA1-4.00	6-01-083575	◆	1	4.0	2.56	2.32	0.98	0.94	3/4"-16UNFx18	M12		
	SLA1 1/4-4.00	6-01-083576	◆	1 1/4	4.0	2.83	2.48	1.10	0.94	3/4"-16UNFx18	M12		
	SLA1 1/2-4.00	6-01-083577	◆	1 1/2	4.0	3.15	2.87	1.26	1.18	3/4"-16UNFx18 3/4"-16UNFx13	M12		

※ Dual contact taper : Made to order

●: Korea stock ◆: US stock ○: Made to order

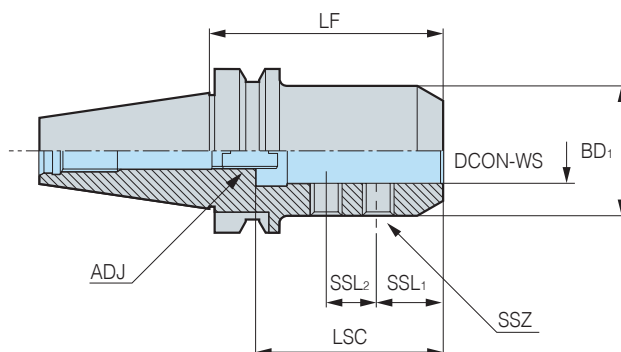
Parts

Included with the Tool			Clamping Bolt	
Division	Set Screw	Adjust Screw	M	L(mm)
Parts				
Designation				
SLA1/2	7/16"-20UNFx12	M0820C	7/16"-20UNF	12
SLA5/8	7/16"-20UNFx14	M1220C	7/16"-20UNF	14
SLA3/4	5/8"-18UNFx16	M1230C	5/8"-18UNF	16
SLA1	3/4"-16UNFx18	M1220C	3/4"-16UNF	18
SLA1 1/4	3/4"-16UNFx18	M1220C	3/4"-16UNF	18
SLA1 1/2	3/4"-16UNFx10/13/18	M1220C	3/4"-16UNF	10/13/18

BT-SLA



Side Lock Arbor



c Internal coolant system installed

(mm)

	Designation	K.P. CODE	STOCK	DCON-WS	LF	BD1	LSC	SSL1	SSL2	SSZ	ADJ	kg
BT30-	SLA16-90	6-01-007396	●	16	90	40	72	25	20	M10	M12	0.9
	SLA20-90	6-01-009641	●	20	90	50	72	25	20	M12	M12	1.2
	SLA25-90	6-01-003819	●	25	90	50	72	25	20	M12	M12	1.1
BT40-	SLA16-90	6-01-000810	●	16	90	40	72	25	20	M10	M12	1.4
	SLA20-90	6-01-009827	●	20	90	50	72	25	20	M12	M12	1.8
	SLA25-90	6-01-000813	●	25	90	50	72	25	20	M12	M12	1.6
	SLA32-90	6-01-009828	●	32	90	60	82	25	25	M14	M12	1.8
	SLA32-105	6-01-009174	●	32	105	60	82	25	25	M14	M12	2.0
	SLA40-105	6-01-010839	●	40	105	80	82	25	25	M16	M12	2.9
	BT50-	SLA16-90	6-01-001089	○	16	90	40	72	25	20	M10	M12
	SLA20-105	6-01-001090	●	20	105	50	72	25	20	M12	M12	4.4
	SLA25-105	6-01-001091	●	25	105	50	72	25	20	M12	M12	4.3
	SLA25-135	6-01-019081	○	25	135	50	72	25	20	M12	M12	4.6
	SLA25-165	6-01-017066	○	25	165	50	82	25	20	M12	M12	5.2
	SLA32-105	6-01-009829	●	32	105	60	82	25	25	M14	M12	4.5
	SLA32-135	6-01-020753	○	32	135	60	82	25	25	M14	M12	5.1
	SLA32-165	6-01-011237	○	32	165	60	82	25	25	M14	M12	5.7
	SLA40-105	6-01-001094	●	40	105	90	82	25	20	M16	M12	6.1
	SLA40-150	6-01-018910	○	40	150	90	82	25	25	M16	M12	8.1
	SLA42-105	6-01-007098	●	42	105	90	82	25	25	M16	M12	5.9

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M This is in metric unit. We can also provide in inch type.

Parts

Included with the Tool			For Separate Purchase
Division	Set Screw	Adjust Screw	Wrench
Parts			
	BT Type	BT Type	BT Type
SLA16	BTF1010	M1230C	LW-5
SLA20	BTF1212-1.5		LW-6
SLA25	BTF1212-1.5		LW-6
SLA32	BTF1414-1.5		LW-6
SLA40	BTF1624-1.5		LW-8
SLA42	BTF1624-1.5		LW-8

SK-SLA



Taper

Coolant Supply
Ready

Milling



Drilling

Side Lock Arbor

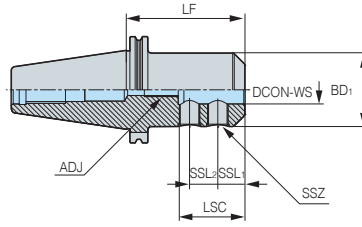


Fig. 1

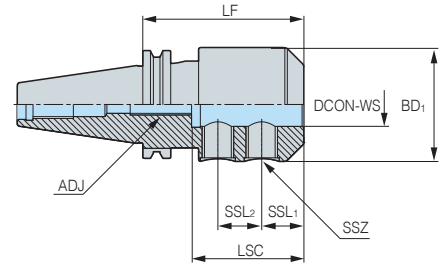


Fig. 2

(mm)

c Internal coolant system installed

Designation		K.P. CODE	STOCK	DCON-WS	LF	BD1	LSC	SSL1	SSL2	SSZ	ADJ	Fig.	kg
SK40-	SLA16-75	6-01-007552	●	16	75	48	49	24	-	M14	M12	1	1.4
	SLA20-75	6-01-007708	●	20	75	52	51	25	-	M16	M12	1	1.5
	SLA25-95	6-01-011171	●	25	95	65	59	24	25	M18	M12	2	2.1
	SLA32-105	6-01-004325	●	32	105	72	63	24	28	M20	M12	2	2.8
SK50-	SLA16-90	6-01-009335	○	16	90	48	49	24	-	M14	M12	1	3.5
	SLA20-90	6-01-007475	●	20	90	52	51	25	-	M16	M12	1	3.6
	SLA25-105	6-01-006489	●	25	105	65	59	24	25	M18	M12	1	4.5
	SLA32-120	6-01-008027	●	32	120	72	63	24	28	M20	M12	1	5.2
	SLA40-120	6-01-006490	●	40	120	80	73	30	32	M20	M12	1	5.6

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Parts

Included with the Tool			For Separate Purchase
Division	Set Screw	Adjust Screw	Wrench
Parts Designation			
	HSK/SK Type	HSK/SK Type	HSK/SK Type
SLA16	BTF1414-1.5	M1230C	LW-6
SLA20	BTF1616-1.5		LW-8
SLA25	BTF1818-1.5		LW-8
SLA32	BTF2020-1.5		LW-10
SLA40	BTF2020-1.5		LW-10
SLA42	BTF2020-1.5		LW-10

HSK-SLA

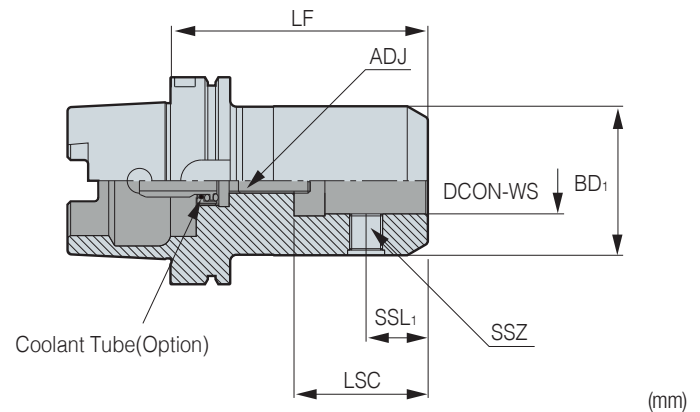
DIN
69893-1
Taper

C
Coolant Supply

Milling

Drilling

Side Lock Arbor



Internal coolant system optional

Designation		K.P. CODE	STOCK	DCON-WS	LF	BD1	LSC	SSL1	SSZ	ADJ	kg
HSK63A-	SLA20-100	6-01-008159	●	20	100	52	51	25	M8	M12	1.6
	SLA25-105	6-01-009325	●	25	105	65	59	25	M8	M12	2.1
	SLA32-105	6-01-007558	●	32	105	72	63	30	M5	M12	2.3
HSK100A-	SLA20-105	6-01-010854	●	20	105	52	51	25	M16	M12	3.1
	SLA25-110	6-01-007890	●	25	110	65	59	25	M18	M12	3.8
	SLA32-125	6-01-009173	●	32	125	72	63	30	M20	M12	4.4
	SLA40-135	6-01-019511	○	40	135	80	73	32	M20	M12	5.2

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Parts

Division	Coolant Tube for HSK	Wrench
Parts		
Designation		
HSK63A	HSK63A-CNS	HSK63-WRENCH(C)
HSK100A	HSK100A-CNS	HSK100-WRENCH(C)

Parts

Included with the Tool			For Separate Purchase
Division	Set Screw	Adjust Screw	Wrench
Parts			
Designation	HSK/SK Type	HSK/SK Type	HSK/SK Type
SLA16	BTF1414-1.5	M1230C	LW-6
SLA20	BTF1616-1.5		LW-8
SLA25	BTF1818-1.5		LW-8
SLA32	BTF2020-1.5		LW-10
SLA40	BTF2020-1.5		LW-10
SLA42	BTF2020-1.5		LW-10

For the safe metalcutting

- Use safety supplies such as protective gloves to prevent possible injury while touching the edge of tools.
- Use safety glasses or safety cover to hedge possible dangers. Inappropriate usage or excessive cutting condition may lead tool's breakage or even the fragment's scattering.
- Clamp the workpiece tightly enough to prevent its movement while its machining.
- Properly manage the tool change phase because the inordinately used tool can be easily broken under the excessive cutting load or severe wear, and it may threat the operator's safety.
- Use safety cover because chips evacuated during cutting are hot and sharp and may cause burns and cuts. To remove chips safely, stop machining, put on protective gloves, and use a hook or other tools.
- Prepare for fire prevention measures as the use of the non-water soluble cutting oil may cause fire.
- Use safety cover and other safety supplies because the spare parts or the inserts can be pulled out due to centrifugal force while high speed machining.



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