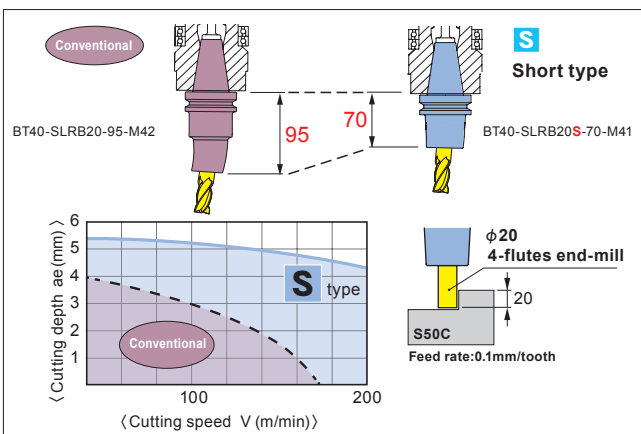


HYPER VERSION

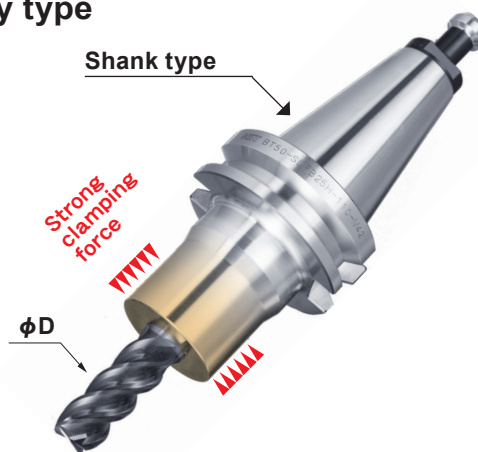
S Short type



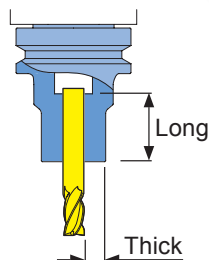
Machining efficiency **2 times**
(Compared to conventional holders.)



H Heavy type



High gripping force **1.4 times**
(Compared to conventional holders.)



BT40 - SLRB20S - 60 - M42

Shank type SLIMLINE ϕD HYPER VERSION L Effective length

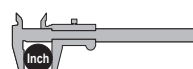
S Short type

BT30
BT40
A63

H Heavy type

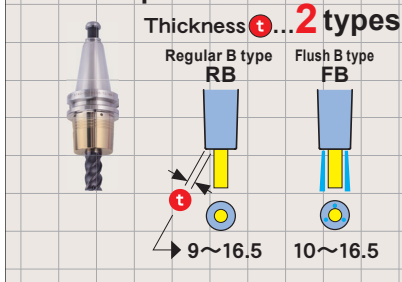
BT40
BT50
A63
A100

● DIN and CAT. shank products are available upon request.

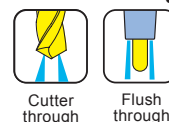


● Inch. size I.D is available upon request.

Nose shape



Coolant-through



Short type



Fig. 1

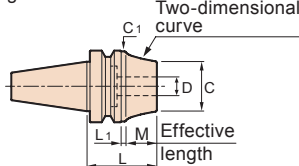


Fig. 2

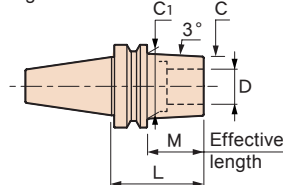


Fig. 3

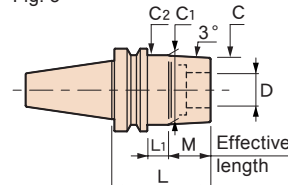


Fig. 4

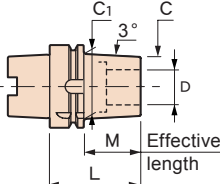
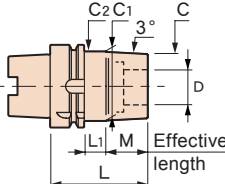


Fig. 5



■Option
● Retention knob (BT)→P.244

■Std. Access.

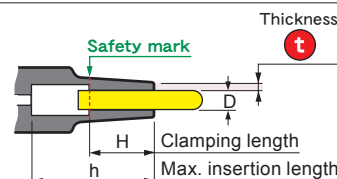
- Coolant duct (fixed type), (HSK-A63)→P.246

■Note

- Swing type coolant ducts are available upon request(HSK-A63).→P.246

■Caution

- Retention knob...Use a retention knob with hole, or remove the retention knob and heat it.(BT)
- Setting cutters...Be sure to insert the tool beyond the Safety mark.
- As for MST SLIMLINE, please use HEAT ROBO DENJI 5000S (HRD-02S) or HEAT ROBO Baby 3000S (HRB-03S).
- For HEAT ROBO DENJI 5000 (HRD-02S), please prepare coil No.6 (HRD2-CL6).
- Remove the coolant duct before heating the holder when you use the hot air heater. (HSK-A)



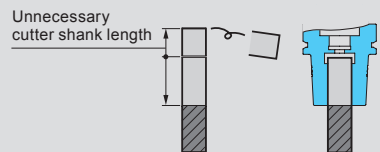
Thickness

CODE	Fig.	φD	φC	t	L	M	L ₁	φC ₁	φC ₂	H	h	Kg	N	S
BT30-SLRB10S-45	1	10	28	9	45	20	3	45	—	21	68	0.5	1.0	0.4
-SLRB12S-45		12	32	10						22	61		1.2	0.3
-SLRB16S-45		16	38	11						25	57		1.5	
BT40-SLRB12S-60-M28	2	12	32	10	60	28	—	35	—	27	95	1.1	1.9	0.3
-SLFB12S-60-M28														
-SLRB16S-65-M33		16	38	11	65	33		41.5		30	85	1.2	2.8	
-SLFB16S-65-M33														
-SLRB20S-70-M41	3	20	45	12.5	70	41		49.4		36	100	1.3	4.1	0.2
-SLFB20S-70-M41														
-SLRB25S-75-M30		25	49	12	75	30	18	52.2	53	42		1.4	5.4	
-SLFB25S-75-M30														
A63 -SLRB12S-60-M29	4	12	32	10	60	29	—	35.1	—	27	35	0.8	8.3	0.3
-SLFB12S-60-M29														
-SLRB16S-65-M34		16	38	11	65	34		41.6		30	40	1	9.2	
-SLFB16S-65-M34														
-SLRB20S-70-M42	5	20	45	12.5	70	42		49.5		36	45	1.1	10.4	0.2
-SLFB20S-70-M42														
-SLRB25S-75-M30		25	49	12	75	30	19	52.2	53	42	50	1.3	11.6	
-SLFB25S-75-M30														



Cutting tool insertion length

Since the Short type has the shortest gauge length, the cutter insertion length (h) is not deep. Cut off the unnecessary portion of the tool shank and use a cutting tool with the optimal projection. Pay special attention for HSK-A63 shank products.



Recommended cutting tools

OSG	DIJET INDUSTRIAL	Tungaloy	MITSUBISHI MATERIALS	Mitsubishi Hitachi Tool Engineering
WX-PHSS General purpose	DV-OCSAR For difficult-to-machine materials	SEF4000 For difficult-to-machine materials	C-3SA For aluminum alloy	EPSMS-PN General purpose
UP-PHS General purpose	AL-SEESS For aluminum alloy	SEE4000-A For aluminum alloy	VF-6MHV For difficult-to-machine materials	EPPS For general steel

Heavy-duty type

BT50-SLRB20H-110-M42

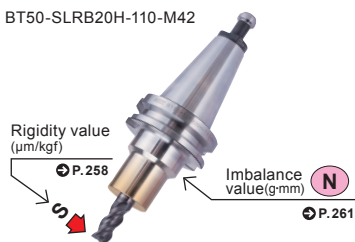


Fig. 1

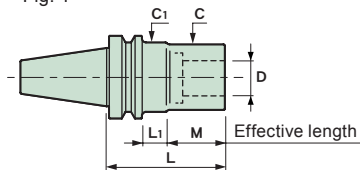
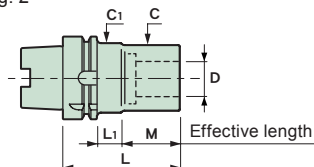


Fig. 2



An appropriate heating coil for HRD-02S

■ Option

- Retention knob (BT)→P.244

■ Std. Access.

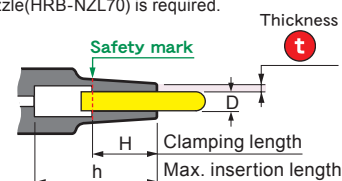
- Coolant duct (fixed type), (HSK-A)→P.246

■ Note

- Swing type coolant ducts are available upon request.→p.246

■ Caution

- Retention knob···Use a retention knob with hole, or remove the retention knob and heat it.(BT)
- Setting cutters···Be sure to insert the tool beyond the safety mark.
- As for MST SLIMLINE, please use HEAT ROBO DENJI 5000S (HRD-02S) or HEAT ROBO Baby 3000S (HRB-03S).
- Refer to the table to choose an appropriate heating coil for Heat Robo Denji 5000 (HRD-02S).
- Remove the coolant duct before heating the holder when you use hot air heater (HSK-A).
- For HEAT ROBO Baby 3000 (HRB-03S), dia 70mm nozzle(HRB-NZL70) is required.



CODE	Fig.	φD	φC	t	L	M	L1	φC1	H	h	Kg	N	S	
BT40-SLRB12H- 80-M32	1	12	36	12	80	32	21	53	35	115	1.3	5.1	0.3	6
-SLFB12H- 80-M32											1.4			
-SLRB16H- 80-M32		16	42	13					37	90		5.4		
-SLFB16H- 80-M32														7
-SLRB20H- 90-M42		20	50	15	90	42			47	100	1.6	6.3		
-SLFB20H- 90-M42														
-SLRB25H- 95-M42		25	51	13	95		26		50	105		7		
-SLFB25H- 95-M42														
BT50-SLRB12H- 95-M32	1	12	36	12	95	32	25	53	35	150	3.8	8.8	0.3	6
-SLFB12H- 95-M32														
-SLRB16H- 95-M32		16	42	13					37		3.9	9		
-SLFB16H- 95-M32														
-SLRB20H-110-M42		20	50	15	110	42	30	63	47	165	4	14.1	0.2	7
-SLFB20H-110-M42														
-SLRB25H-110-M42		25	58	16.5					52		4.2	14.4		
-SLFB25H-110-M42														
A63 -SLRB12H- 80-M32	2	12	36	12	80	32	22	53	35	55	1.1	11.3	0.3	6
-SLFB12H- 80-M32														
-SLRB16H- 80-M32		16	42	13					37		1.2	11.6		
-SLFB16H- 80-M32														
-SLRB20H- 90-M42		20	50	15	90	42			47	65	1.5	13.1		7
-SLFB20H- 90-M42														
-SLRB25H- 95-M42		25	51	13	95		27		50	70		14.1		
-SLFB25H- 95-M42														



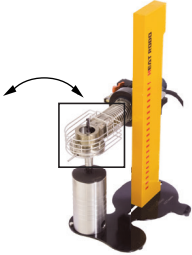
CODE	Fig.	φD	φC	t	L	M	L ₁	φC ₁	H	h	 Kg	 N	 S	
A100-SLRB12H- 95-M32	2	12	36	12	95	32	34	53	35	63	2.7	26.9	0.3	6
-SLFB12H- 95-M32														
-SLRB16H- 95-M32		16	42	13					37			27.2		
-SLFB16H- 95-M32														
-SLRB20H-110-M42		20	50	15	110	42	39	63	47	78	3.2	31.3	0.2	7
-SLFB20H-110-M42														
-SLRB25H-110-M42		25	58	16.5					52			31.8		
-SLFB25H-110-M42									50					



φ70 Nozzle (HRB-03S)

Required for shrinking the Heavy-duty type.

CODE
HRB-NZL70



HEAT ROBO Baby3000S