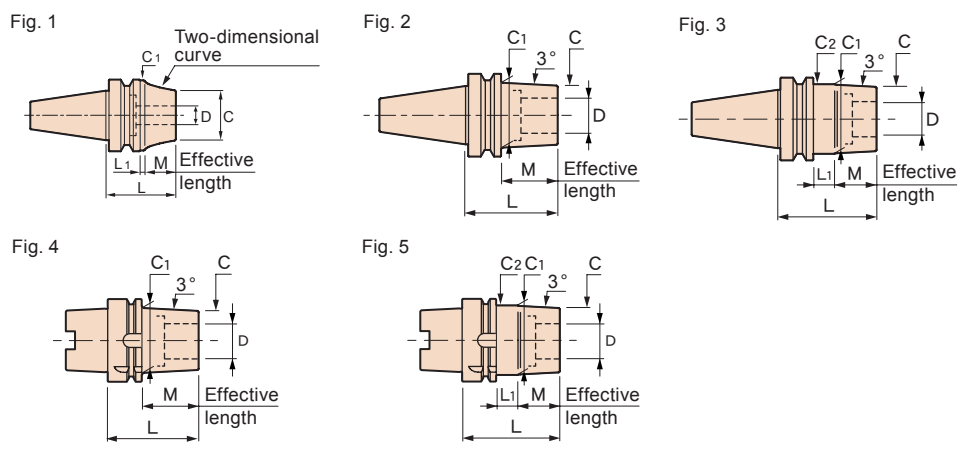
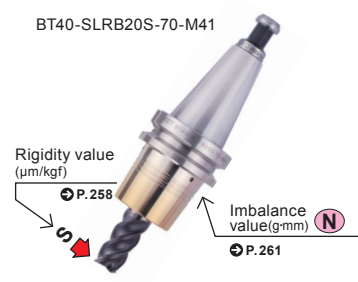
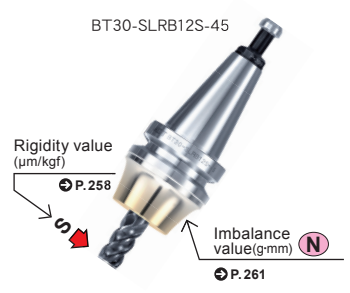


Short type



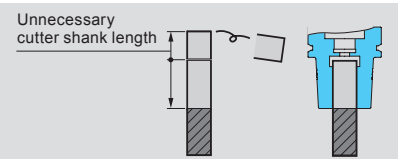
Option
 ● Retention knob (BT) → P.244
Std. Access.
 ● Coolant duct (fixed type), (HSK-A63) → P.246
Note
 ● Swing type coolant ducts are available upon request (HSK-A63) → P.246
Caution
 ● Retention knob... Use a retention knob with hole, or remove the retention knob and heat it. (BT)
 ● Setting cutters... 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)

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		16	38	11	65	33	—	41.5	—	30	85	1.2	2.8					
-SLRB16S-65-M33																		
-SLFB16S-65-M33		20	45	12.5	70	41	—	49.4	—	36	100	1.3	4.1	0.2				
-SLRB20S-70-M41																		
-SLFB20S-70-M41																		
-SLRB25S-75-M30	3	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		16	38	11	65	34	—	41.6	—	30	40	1	9.2					
-SLRB16S-65-M34																		
-SLFB16S-65-M34		20	45	12.5	70	42	—	49.5	—	36	45	1.1	10.4	0.2				
-SLRB20S-70-M42																		
-SLFB20S-70-M42																		
-SLRB25S-75-M30	5	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

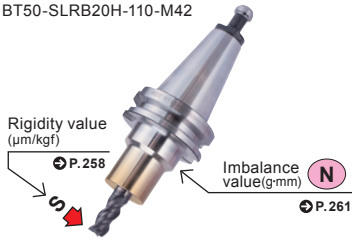


Fig. 1

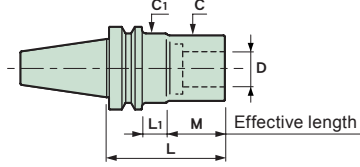
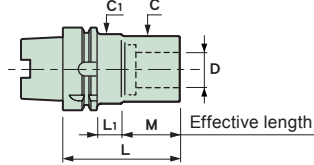
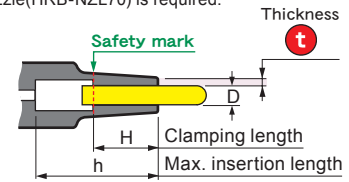


Fig. 2



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.




Thickness

CODE	Fig.	φD	φC	t	L	M	L ₁	φC ₁	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														
-SLRB20H- 90-M42		20	50	15	90	42			47	100	1.6	6.3		7
-SLFB20H- 90-M42								26	50	105		7		
-SLRB25H- 95-M42		25	51	13	95									
-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											3.9	9		
-SLRB16H- 95-M32		16	42	13					37					
-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											1.2	11.6		
-SLRB16H- 80-M32		16	42	13					37					
-SLFB16H- 80-M32														
-SLRB20H- 90-M42		20	50	15	90	42			47	65	1.5	13.1		7
-SLFB20H- 90-M42								27	50	70		14.1		
-SLRB25H- 95-M42	25	51	13	95										
-SLFB25H- 95-M42														



Feature
Shrink-fit Heater
MONO 3° MONO CURVE
MONO Series
2PIECE type
UNO
HYPER VERSION
Z
STRAIGHT arbor
OTHERS
PERIPHERALS
Technical data

Feature
Shrink-fit Heater
MONO 3°
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CODE	Fig.	φD	φC	t	L	M	L ₁	φC ₁	H	h									
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	2	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		3.4	31.8
-SLFB25H-110-M42																50			

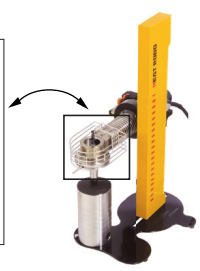


φ70 Nozzle (HRB-03S)

Required for shrinking the Heavy-duty type.

CODE
HRB-NZL70

φ70



HEAT ROBO Baby3000S