

BT SHANK **A23**

DV SHANK **B11**

HSK SHANK **C16**

ST SHANK **D3**

BIG CAPTO SHANK **E39**

For **N/C** Lathes **F1**



● High-precision collet chuck system with an accuracy of 1 micron at nose.

● The perfect tool to use in drilling, endmilling, reaming and tapping.
(Clamping diameter $\phi 0.25 - \phi 20$)



High-precision collet equal to the sub-micron level

(Clamping diameter $\phi 0.25 - \phi 20$)

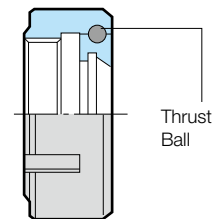
The **BIG** New Baby Collet uses know-how cultivated through years of experience to produce a world top-class high-precision collet subjected to two complete strict quality management inspections, covering everything from material and machining methods to heat treatment.

● Collet accuracy

Collet class	Runout accuracy	
	Nose	4D
AA	Within 1μm	Within 3μm

New Baby Nut ensures high accuracy

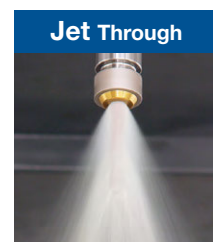
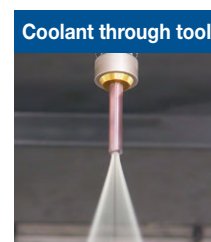
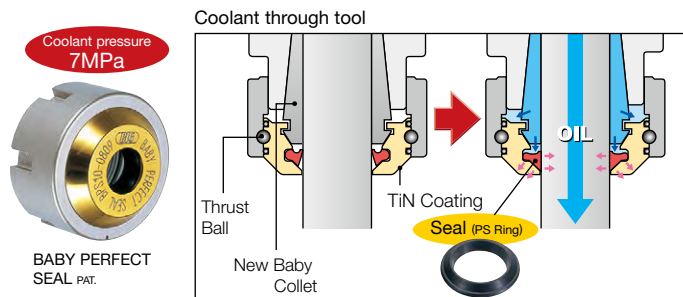
The double effect of precision threads finished after heat treatment and the smooth tightening of the thrust balls without torsion on the collet achieves stable high-precision collet tightening. Furthermore, the mechanism acts to prevent the thrust ball from jumping out due to centrifugal force generated by high speed rotation, promising stable machining.



Coolant method to suit the application

The sealing functionality of the PERFECT SEAL means that the higher the coolant pressure is, the tighter the PS Ring adheres to the tool shank, increasing the sealing effect. The secure sealing function allows coolant to be securely supplied to the tip for high-pressure machining in high-speed applications. A sealing nut is used with a standard collet.

A coolant nut with oil sealing functionality. Removing the internal PS Ring allows jet-through coolant supply.



G24

Advice



The runout accuracy heavily affects finish quality and tool life.

For the endmill, we recommend the use of an E Collet or a high accuracy collet with $\phi 0.1$ mm collapsibility for high precision micro machining, depending on the application and the tool used.

A wide-ranging variety with sizes from short through long meets all the needs of high precision machining.

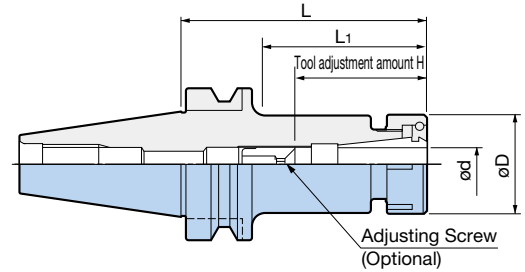
Center through

- Collet with an accuracy of 1 micron at nose enables increased productivity.
- A basic holder ideal for drilling, reaming and endmilling.

Not BIG-PLUS (DUAL CONTACT) specification



- Model Description
- BT30** - **NBS** **6** - **45**
- L dimension
- Maximum clamping diameter
- NEW BABY CHUCK System
- BT SHANK No.



BT30













BT SHANK Model	Clamping diameter $\varnothing d$	$\varnothing D$	L	L ₁	H	Collet Model	Weight (kg)
BT30-NBS 6- 45	0.25 - 6	20	45	20	20 - 40	NBC 6-□	0.41
- 60			60	32			0.44
- 75			75	47			0.47
- 90			90	62			0.51
-105			105	77			0.54
-120			120	90			0.57
-135			135	105			0.60
-NBS 8- 45	0.5 - 8	25	45	20	23 - 42	NBC 8-□	0.42
- 60			60	33			0.46
- 75			75	48			0.50
- 90			90	63			0.55
-105			105	78			0.61
-120			120	92			0.66
-NBS10- 45	1.5 - 10	30	45	20	35 - 45	NBC10-□	0.44
- 60			60	34			0.51
- 75			75	49			0.58
- 90			90	64			0.66
-105			105	79			0.74
-120			120	94			0.81
-NBS13- 45	2.5 - 13	35	45	21	41 - 53	NBC13-□	0.39
- 60			60	34	41 - 60		0.50
- 75			75	49			0.61
- 90			90	64			0.72
-105			105	79			0.83
-120			120	94			0.93
-135	135	109	1.02				

1. The nut is included but the collet, wrench and Adjusting Screw must be ordered separately.
2. Center through coolant supply is available.
3. Weight includes the nut but not the collet.
4. Tool adjustment amount "H" indicates the adjustment length with an Adjusting Screw (NBA).

BT30

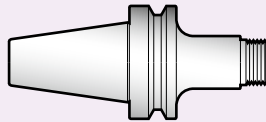
BT SHANK Model	Clamping diameter ød	øD	L	L ₁	H	Collet Model	Weight (kg)	
BT30-NBS16- 45	2.5 - 16	42	45	21	45 - 53	NBC16-□	0.39	
- 60			60	37			45 - 65	0.53
- 75			75	52				0.67
- 90			90	67	0.81			
-105			105	82	0.95			
-120			120	97	1.10			
-135			135	112	1.25			
-NBS20- 60	2.5 - 20	46	60	38	48 - 58	NBC20-□	0.55	
- 75			75	53			48 - 65	0.73
- 90			90	68	0.90			
-105			105	83	1.08			
-120			120	98	1.26			
-135			135	113	1.45			

1. The nut is included but the collet, wrench and Adjusting Screw must be ordered separately.
2. Center through coolant supply is available.
3. Weight includes the nut but not the collet.
4. Tool adjustment amount "H" indicates the adjustment length with an Adjusting Screw (NBA).

Standard Accessory	Optional Accessories				
New Baby Nut  For Spares 	New Baby Wrench  	Collet  	BABY PERFECT SEAL  	Adjusting Screw  	Tap Adjusting Screw  

When ordering a **BABY PERFECT SEAL**, the "Nut-Less Body" without the standard nut attached is also available.

Example Attach **/NL** (Nut less) to the end of the holder model number and order the NBC Collet/BABY PERFECT SEAL separately.



NEW BABY CHUCK Model + NL
BT30-NBS6-45/NL
 (NL at the end of the model number means nut not attached)

+



NBC Collet
NBC6-3AA

+



BABY PERFECT SEAL Model
BPS6-03035

A wide-ranging variety with sizes from short through long meets all the needs of high precision machining.



- Collet with an accuracy of 1 micron at nose enables increased productivity.
- A basic holder ideal for drilling, reaming and endmilling.

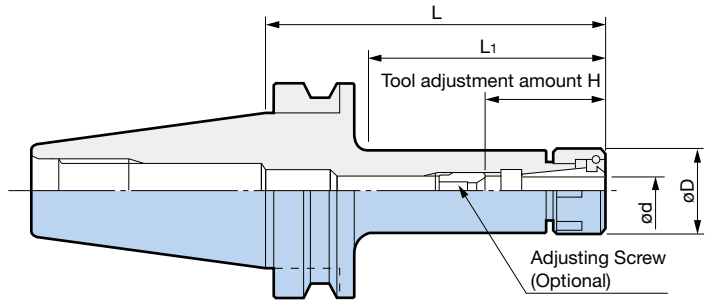


● Model Description

BT40 - **NBS** **6** - **60**

- BT SHANK No.
- NEW BABY CHUCK System
- Maximum clamping diameter
- L dimension

Not BIG-PLUS (DUAL CONTACT) specification



BT40

BT SHANK Model	Clamping diameter $\varnothing d$	$\varnothing D$	L	L ₁	Tool adjustment amount H	Collet Model	Weight (kg)				
BT40-NBS 6- 60	0.25 - 6	20	60	23	20 - 40	NBC 6-□	1.1				
- 75			75	38			1.2				
- 90			90	53			1.2				
-105			105	68			1.3				
-120			120	83			1.3				
-135			135	98			1.3				
-165			165	128			1.4				
-200			200	158			1.5				
-NBS 8- 60			0.5 - 8	25			60	23	23 - 42	NBC 8-□	1.1
- 75							75	38			1.2
- 90	90	53			1.2						
-105	105	68			1.3						
-120	120	83			1.3						
-135	135	98			1.3						
-165	165	128			1.4						
-200	200	158	1.5								
-NBS10- 60	1.5 - 10	30	60	23	35 - 45	NBC10-□	1.1				
- 75			75	38			1.2				
- 90			90	53			1.2				
-105			105	68			1.3				
-120			120	83			1.4				
-135			135	98			1.5				
-165			165	128			1.7				
-200			200	163			1.9				

1. The nut is included but the collet, wrench and Adjusting Screw must be ordered separately.
2. Center through coolant supply is available.
3. Weight includes the nut but not the collet.
4. Tool adjustment amount "H" indicates the adjustment length with an Adjusting Screw (NBA).

BT40

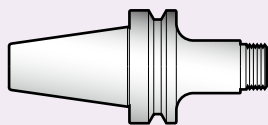
BT SHANK Model	Clamping diameter ød	øD	L	L ₁	Tool adjustment amount H	Collet Model	Weight (kg)
BT40-NBS13- 60	2.5 - 13	35	60	28	41 - 60	NBC13-□	1.2
- 75			75	40			1.3
- 90			90	55			1.4
-105			105	70			1.5
-120			120	85			1.6
-135			135	100			1.7
-165			165	128			1.9
-200			200	163			2.2
-NBS16- 60			2.5 - 16	42			60
- 75	75	40			1.4		
- 90	90	55			1.5		
-105	105	70			1.7		
-120	120	85			1.8		
-135	135	100			1.9		
-165	165	130			2.2		
-200	200	165			2.6		
-NBS20- 60	2.5 - 20	46			60	28	48 - 65
- 75			75	42	1.4		
- 90			90	57	1.5		
-105			105	72	1.7		
-120			120	87	1.9		
-135			135	102	2.1		
-165			165	132	2.5		
-200			200	167	3.0		

1. The nut is included but the collet, wrench and Adjusting Screw must be ordered separately.
2. Center through coolant supply is available.
3. Weight includes the nut but not the collet.
4. Tool adjustment amount "H" indicates the adjustment length with an Adjusting Screw (NBA).

Standard Accessory	Optional Accessories				
New Baby Nut  For Spares  G26	New Baby Wrench   G27	Collet   G4	BABY PERFECT SEAL   G24	Adjusting Screw   G10	Tap Adjusting Screw   G26

When ordering a **BABY PERFECT SEAL**, the "Nut-Less Body" without the standard nut attached is also available.

● **Example** Attach **/NL** (Nut less) to the end of the holder model number and order the NBC Collet/BABY PERFECT SEAL separately.



NEW BABY CHUCK Model + NL
BT40-NBS6-60/NL
 (NL at the end of the model number means nut not attached)

+



NBC Collet
NBC6-3AA

+



BABY PERFECT SEAL Model
BPS6-03035

A wide-ranging variety with sizes from short through long meets all the needs of high precision machining.

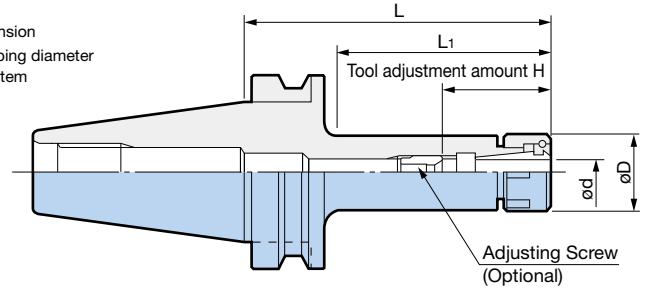
Center through

- Collet with an accuracy of 1 micron at nose enables increased productivity.
- A basic holder ideal for drilling, reaming and endmilling.



● Model Description
BT50 - **NBS** **6** - **90**
 ● BT SHANK No.
 ● NEW BABY CHUCK System
 ● L dimension
 ● Maximum clamping diameter

Not BIG-PLUS (DUAL CONTACT) specification



BT50

BT SHANK Model	Clamping diameter $\varnothing d$	$\varnothing D$	L	L ₁	Tool adjustment amount H	Collet Model	Weight (kg)
BT50-NBS 6- 90	0.25 - 6	20	90	42	20 - 40	NBC 6-□	3.9
-120			120	67			4.0
-165			165	112			4.1
-200			200	147			4.2
-NBS 8- 90	0.5 - 8	25	90	42	23 - 42	NBC 8-□	4.0
-120			120	67			4.1
-165			165	112			4.2
-200			200	147			4.3
-NBS10- 90	1.5 - 10	30	90	42	35 - 45	NBC10-□	4.0
-120			120	67			4.1
-165			165	112			4.4
-200			200	147			4.6
-250※			250	197			4.9
-300※	300	247	5.2				
-NBS13- 90	2.5 - 13	35	90	42	41 - 60	NBC13-□	4.2
-120			120	67			4.4
-165			165	112			4.7
-200			200	147			5.0
-250※			250	197			5.4
-300※	300	247	5.8				
-NBS16- 75	2.5 - 16	42	75	29	45 - 65	NBC16-□	4.0
- 90			90	44			4.1
-120			120	72			4.4
-165			165	117			4.8
-200			200	152			5.2
-250※	250	202	5.7				
-NBS20- 75	2.5 - 20	46	75	31	48 - 65	NBC20-□	4.0
- 90			90	42			4.2
-120			120	72			4.5
-165			165	117			4.9
-200			200	152			5.3
-250※	250	202	5.9				

1. The nut is included but the collet, wrench and Adjusting Screw must be ordered separately.
2. Center through coolant supply is available. However, ※ marked products do not have a through hole.
3. Weight includes the nut but not the collet.
4. Tool adjustment amount "H" indicates the adjustment length with an Adjusting Screw (NBA).

When ordering a BABY PERFECT SEAL, the "Nut-Less Body" without the standard nut attached is also available. For details, **A26**

Standard Accessory		Optional Accessories			
New Baby Nut For Spares	New Baby Wrench 	Collet 	BABY PERFECT SEAL 	Adjusting Screw 	Tap Adjusting Screw

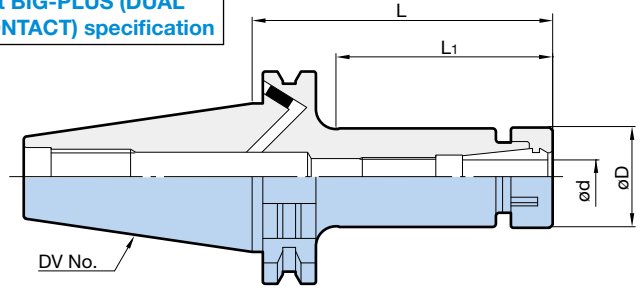
※ Tap Adjusting Screws cannot be used with RA Holders.

A wide-ranging variety with sizes from short through long meets all the needs of high precision machining.

Coolant-through hole



Not BIG-PLUS (DUAL CONTACT) specification



NEW BABY CHUCK

DV SHANK Model	Clamping diameter $\varnothing d$	$\varnothing D$	L	L ₁	Collet Model	Nut Model	Weight (kg)
DV40-NBS 6- 60	0.25 - 6	20	60	34	NBC 6-□	NBN 6	0.9
- 90			90	60			1.0
-135			135	105			1.0
-NBS 8- 60	0.5 - 8	25	60	34	NBC 8-□	NBN 8	0.9
- 90			90	62			1.0
-135			135	107			1.2
-NBS10- 60	1.5 - 10	30	60	34	NBC10-□	NBN10	1.0
- 90			90	64			1.1
-135			135	104			1.4
-NBS13- 60	2.5 - 13	35	60	37	NBC13-□	NBN13	1.0
- 90			90	66			1.2
-135			135	106			1.6
-NBS16- 60	2.5 - 16	42	60	38	NBC16-□	NBN16	1.1
- 90			90	68			1.4
-135			135	113			1.8
-NBS20- 60	2.5 - 20	46	60	40	NBC20-□	NBN20	1.3
- 90			90	70			1.6
-135			135	115			2.0
-165			165	145			2.3
-200			200	180			2.6

- The nut is included but the collet, wrench and Adjusting Screw must be ordered separately.
- Through holes are provided, allowing switching between center through and flange through use.
- Weight includes the nut but not the collet.

Standard Accessory	Optional Accessories				
New Baby Nut For Spares	New Baby Wrench 	Collet 	BABY PERFECT SEAL 	Adjusting Screw 	Tap Adjusting Screw

Clamping diameter: $\varnothing 0.25$ - $\varnothing 20$ **NEW BABY CHUCK** PAT.

DV SHANK Model	Clamping diameter $\varnothing d$	$\varnothing D$	L	L ₁	Collet Model	Nut Model	Weight (kg)
DV50-NBS 6-120	0.25 - 6	20	120	85	NBC 6-□	NBN 6	2.8
-165			165	125			3.1
-NBS 8-120	0.5 - 8	25	120	80	NBC 8-□	NBN 8	2.9
-165			165	130			3.0
-NBS10- 90	1.5 - 10	30	90	60	NBC10-□	NBN10	2.9
-120			120	85			3.0
-165			165	130			3.2
-NBS13- 90	2.5 - 13	35	90	60	NBC13-□	NBN13	3.0
-120			120	80			3.4
-165			165	125			3.7
-NBS16- 90	2.5 - 16	42	90	60	NBC16-□	NBN16	3.1
-120			120	85			3.9
-165			165	130			4.3
-200			200	165			4.6
-NBS20- 75	2.5 - 20	46	75	45	NBC20-□	NBN20	3.1
- 90			90	60			3.2
-120			120	85			4.0
-165			165	130			4.5
-200			200	165			4.8

1. The nut is included but the collet, wrench and Adjusting Screw must be ordered separately.

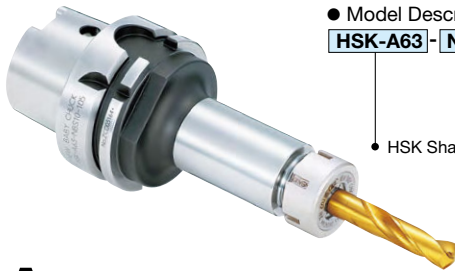
3. Weight includes the nut but not the collet.

2. Through holes are provided, allowing switching between center through and flange through use.

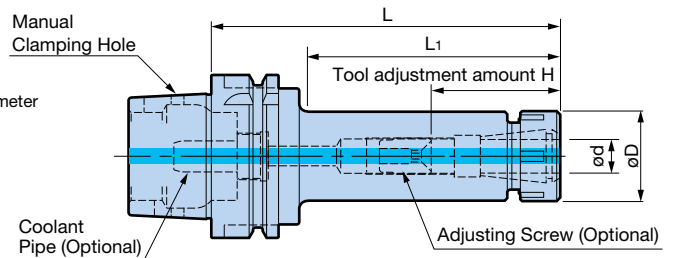
A wide-ranging variety with sizes from short through long meets all the needs of high precision machining.



- Collet with an accuracy of 1 micron at nose enables increased productivity.
- A basic holder ideal for drilling, reaming and endmilling.



● Model Description
HSK-A63 - **NBS** **6** - **75**
 ● L dimension
 ● Maximum clamping diameter
 ● NEW BABY CHUCK
 ● HSK Shank Type



A Type (DIN 69893-1) (ISO 12164)

Model	Clamping diameter $\varnothing d$	$\varnothing D$	L	L ₁	Tool adjustment amount H	Collet Model	Weight (kg)
HSK-A63-NBS 6- 75	0.25 - 6	20	75	35	20 - 35	NBC 6-□	0.9
-105			105	63			0.9
-135			135	91	20 - 40		1.0
-165			165	121			1.0
-NBS 8- 75	0.5 - 8	25	75	35	23 - 37	NBC 8-□	0.9
-105			105	61			1.0
-135			135	91	23 - 42		1.1
-165			165	121			1.2
-NBS10- 75 ※	1.5 - 10	30	75	35	48	NBC10-□	1.0
-105			105	63			1.1
-135			135	93	35 - 45		1.3
-165			165	123			1.4
-NBS13- 75 ※	2.5 - 13	35	75	37	48	NBC13-□	1.0
-105			105	67			1.2
-135			135	97	41 - 60		1.5
-165			165	127			1.7
-NBS16- 75 ※	2.5 - 16	42	75	37	45	NBC16-□	1.1
-105			105	67			1.4
-135			135	97	45 - 65		1.8
-165			165	127			2.0
-200			200	162			2.4
-NBS20- 75 ※	2.5 - 20	46	75	39	48	NBC20-□	1.2
-105			105	69			1.5
-135			135	99	48 - 53		1.9
-165			165	129			2.3
-200			200	164			2.7

1. Nut is included. Adjusting Screw, collet and wrench must be ordered separately.
2. Center through coolant supply is available.
3. Weight includes the nut but not the collet.
4. Tool adjustment amount "H" indicates the adjustment length with an Adjusting Screw (NBA).
5. ※ marked models cannot be used with Adjusting Screws. H dimension is the max. tool shank length that can be inserted into the holder.
6. Coolant pipe is not included. C65

Standard Accessory	Optional Accessories				
New Baby Nut For Spares G26	New Baby Wrench G27	Collet G4	BABY PERFECT SEAL G24	Adjusting Screw G10	Tap Adjusting Screw G26

When ordering a **BABY PERFECT SEAL**, the "Nut-Less Body" without the standard nut attached is also available.

- **Example** Attach **/NL** (Nut less) to the end of the holder model number and order the NBC Collet/BABY PERFECT SEAL separately.



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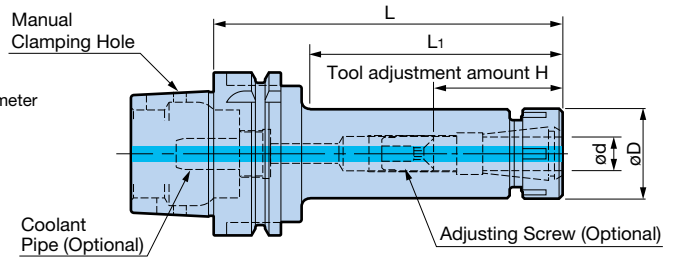


- Collet with an accuracy of 1 micron at nose enables increased productivity.
- A basic holder ideal for drilling, reaming and endmilling.



● Model Description
HSK-A100 - **NBS** **6** - **90**

- L dimension
- Maximum clamping diameter
- NEW BABY CHUCK
- HSK Shank Type



A Type (DIN 69893-1) (ISO 12164)

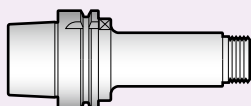
Model	Clamping diameter $\varnothing d$	$\varnothing D$	L	L ₁	Tool adjustment amount H	Collet Model	Weight (kg)
HSK-A100-NBS 6- 90	0.25 - 6	20	90	43	20 - 40	NBC 6-□	2.5
-120			120	68			2.5
-165			165	113			2.6
-NBS 8- 90	0.5 - 8	25	90	43	23 - 42	NBC 8-□	2.5
-120			120	73			2.6
-165			165	113			2.7
-NBS10- 90	1.5 - 10	30	90	43	35 - 45	NBC10-□	2.6
-120			120	73			2.7
-165			165	113			2.9
-NBS13- 90 ※	2.5 - 13	35	90	43	58	NBC13-□	2.7
-120			120	73	41 - 60		2.9
-165			165	113			3.2
-200			200	148	3.4		
-NBS16- 90 ※	2.5 - 16	42	90	43	58	NBC16-□	2.8
-120			120	73	45 - 65		3.1
-165			165	118			3.5
-200			200	151			3.9
-NBS20- 90 ※	2.5 - 20	46	90	47	56	NBC20-□	2.9
-120			120	73	48 - 65		3.3
-165			165	118			3.8
-200			200	153			4.2

1. Nut is included. Adjusting Screw, collet and wrench must be ordered separately.
2. Center through coolant supply is available.
3. Weight includes the nut but not the collet.
4. Tool adjustment amount "H" indicates the adjustment length with an Adjusting Screw (NBA).
5. ※ marked models cannot be used with Adjusting Screws. H dimension is the max. tool shank length that can be inserted into the holder.
6. Coolant pipe is not included.

Standard Accessory	Optional Accessories				
<p>New Baby Nut</p> <p>For Spares </p>	<p>New Baby Wrench</p> <p></p>	<p>Collet</p> <p></p>	<p>BABY PERFECT SEAL</p> <p></p>	<p>Adjusting Screw</p> <p></p>	<p>Tap Adjusting Screw</p> <p></p>

When ordering a **BABY PERFECT SEAL**, the "Nut-Less Body" without the standard nut attached is also available.

- **Example** Attach **/NL** (Nut less) to the end of the holder model number and order the NBC Collet/BABY PERFECT SEAL separately.



MEGA NEW BABY CHUCK Model + NL
HSK-A100-NBS 6-90/NL
(NL at the end of the model number means nut not attached)

+



NBC Collet
NBC6-3AA

+

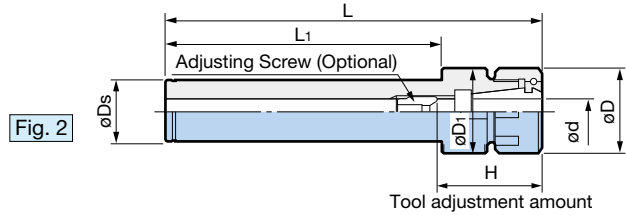
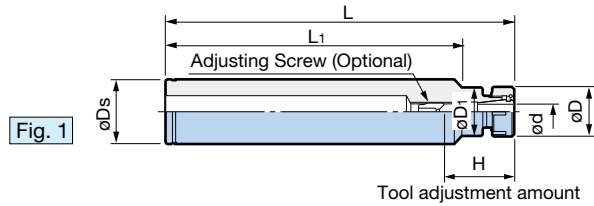


BABY PERFECT SEAL Model
BPS6-03035

Handles interference issues flexibly when combined with the NEW Hi-POWER MILLING CHUCK.



- Enables easy tool layout for horizontal machining center prone to interference with workpieces and jigs.



● Model Description

ST20 - **NBS** **6** - **100**

- L1 dimension ※
- Maximum clamping diameter
- NEW BABY CHUCK System
- Cylindrical shank diameter

※ Note that the 3rd digit in the model number does not correspond to the L dimension (overall length).

Model	Fig.	$\varnothing d$	$\varnothing D$	$\varnothing D_1$	$\varnothing D_s$	L	L ₁	H	Collet Model	Weight (kg)
ST20-NBS 6-100	1	0.25 - 6	20	19.5	20	124	100	20 - 40	NBC 6-□	0.27
-150						174	150			0.39
-250						274	250			0.64
-NBS 8-100	2	0.5 - 8	25	24.5	20	126	100	23 - 42	NBC 8-□	0.29
-150						176	150			0.41
-250						276	250			0.66
-NBS10-100						128	100			0.32
-150						178	150			0.44
-250	278	250	0.69							
-350	378	350	0.93							
ST25-NBS 6-150	1	0.25 - 6	20	19.5	25	174	150	20 - 40	NBC 6-□	0.60
-200						224	200			0.79
-250						274	250			0.98
-NBS 8-150	2	0.5 - 8	25	24.5	25	176	150	23 - 42	NBC 8-□	0.62
-200						226	200			0.81
-250						276	250			1.00
-NBS10-150						178	150			0.65
-200						228	200			0.84
-250	278	250	1.03							
-NBS13-150	2	2.5 - 13	35	34.5	25	184	150	41 - 60	NBC13-□	0.67
-200						234	200			0.86
-250						284	250			1.05

1. The nut is included but the collet, wrench and Adjusting Screw must be ordered separately.
2. Weight includes the nut but not the collet.

3. Tool adjustment amount "H" indicates the adjustment length with an Adjusting Screw (NBA).

4. **BIG** ST LOCK is available for mounting and removing tools. H4

Standard Accessory	Optional Accessories				
<p>New Baby Nut</p> <p>For Spares </p>	<p>New Baby Wrench</p> <p></p>	<p>Collet</p> <p></p>	<p>BABY PERFECT SEAL</p> <p></p>	<p>Adjusting Screw</p> <p></p>	<p>Tap Adjusting Screw</p> <p></p>

Clamping diameter: $\varnothing 0.25 - \varnothing 20$

NEW BABY CHUCK PAT.

Cylindrical
ST
SHANK

※ Note that the 3rd digit in the model number does not correspond to the L dimension (overall length).

Model	Fig.	$\varnothing d$	$\varnothing D$	$\varnothing D_1$	$\varnothing D_s$	L	L ₁	Tool adjustment amount H	Collet Model	Weight (kg)							
ST32-NBS 6-150	1	0.25 - 6	20	19.5	32	174	150	20 - 40	NBC 6- □	0.96							
-200						224	200			1.28							
-NBS 8-150						0.5 - 8	25	24.5	176	150	23 - 42	NBC 8- □	0.99				
-200									226	200			1.30				
-NBS10-150		1	1.5 - 10	30		29.5	178	150	35 - 45	NBC10- □	1.02						
-200							228	200			1.33						
-250							278	250			1.64						
-350							378	350			1.95						
-NBS13-150							2	2.5 - 13			35	34.5	184	150	41 - 60	NBC13- □	1.04
-200													234	200			1.35
-250	284	250	1.67														
-300	334	300	2.30														
-NBS16-150	2	2.5 - 16	42	41.5	184	150			45 - 65	NBC16- □			1.05				
-200					234	200	1.37										
-300					334	300	2.00										
-NBS20-150					2	2.5 - 20	46	45.5			184	150	48 - 65	NBC20- □	1.05		
-200	234	200	1.37														
-300	334	300	2.00														

1. The nut is included but the collet, wrench and Adjusting Screw must be ordered separately.
2. Weight includes the nut but not the collet.

3. Tool adjustment amount "H" indicates the adjustment length with an Adjusting Screw (NBA).

4. **BIG** ST LOCK is available for mounting and removing tools. H4

NEW BABY CHUCK

Clamping diameter: $\varnothing 6 - \varnothing 10$

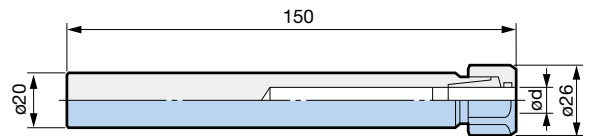
BABY CHUCK

Straight
ST
SHANK

- Small-diameter endmill holder that prevents interference.



- Model Description
- | | | |
|-----------|-----------|------------|
| MB | 20 | - 6 |
|-----------|-----------|------------|
- Clamping diameter
 - Shank diameter
 - BABY CHUCK



Model	Standard Accessory (collet with nut)	
	Model	$\varnothing d$
MB20- 6	BC- 6	6
- 8	- 8	8
-10	-10	10

1. When spare collet is required, order the collet with nut model BC-x.
2. **BIG** ST LOCK is available for mounting and removing tools.

For ST LOCK, **H4**

<BABY CHUCK Set>

- Model Description

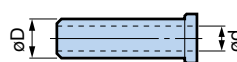
SMB	- 20
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- Shank diameter
- BABY CHUCK Set

Model	Standard Accessory (Collet with nut)
SMB-20	BC-6, 8, 10

1. The set includes 3 types of collet with nut.

<Straight Collet>



- Model Description
- | | |
|-----------|------------|
| C6 | - 3 |
|-----------|------------|
- Collet inner diameter
 - Collet outer diameter

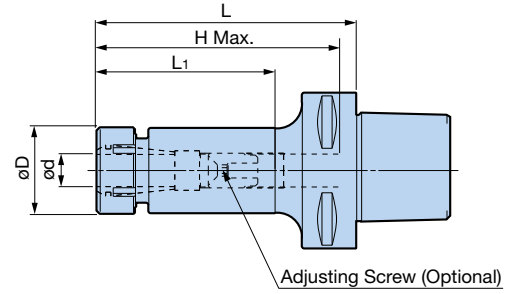
Model	$\varnothing d$	$\varnothing D$	Model	$\varnothing d$	$\varnothing D$
C6-3	3	6	C10-4	4	10
-4	4				
-5	5				



High-precision collet chuck system with a 1 micron runout accuracy at nose. Applicable to various machining needs as a reliable general-purpose holder.



● Model Description
C6 - **NBS** **6** - **75**
 ● L dimension
 ● Maximum clamping diameter
 ● NEW BABY CHUCK
 ● Shank No.



C6

Model	Clamping diameter $\varnothing D$	$\varnothing D$	L	L ₁	H Max.	Collet Model	Weight (kg)
C6-NBS 6- 75	0.25 - 6	20	75	43	66	NBC 6-□	0.9
-105			105	73	96		1.0
-135			135	103	126		1.0
-165			165	133	156		1.0
-200			200	168	191		1.1
-NBS 8- 75	0.5 - 8	25	75	43	66	NBC 8-□	1.0
-105			105	73	96		1.0
-135			135	103	126		1.1
-165			165	133	156		1.2
-200			200	168	191		1.3
-NBS10- 75	1.5 - 10	30	75	43	66	NBC10-□	1.0
-105			105	73	96		1.1
-135			135	103	126		1.3
-165			165	133	156		1.4
-200			200	168	191		1.6
-NBS13- 75	2.5 - 13	35	75	45	66	NBC13-□	1.1
-105			105	73	96		1.2
-135			135	103	126		1.4
-165			165	133	156		1.6
-200			200	168	191		1.8
-NBS16- 75*	2.5 - 16	42	75	47	66	NBC16-□	1.2
-105			105	75	96		1.4
-135			135	105	108		1.7
-165			165	135	108		2.0
-200			200	170	108		2.3
-NBS20- 75*	2.5 - 20	46	75	47	65	NBC20-□	1.2
-105			105	77	88		1.5
-135			135	107	108		1.8
-165			165	137	108		2.2
-200			200	172	108		2.6

1. Nut is included. Adjusting Screw, collet and wrench must be ordered separately.
2. Center through coolant supply is available.
3. * marked models cannot be used with Adjusting Screws. H dimension is the max. tool shank length that can be inserted into the holder.

Standard Accessory	Optional Accessories				
New Baby Nut For Spares	New Baby Wrench 	Collet 	BABY PERFECT SEAL 	Adjusting Screw 	Tap Adjusting Screw

Smaller nut diameter than the body enables installation from the back of the toolholders in small lathes with limited space.

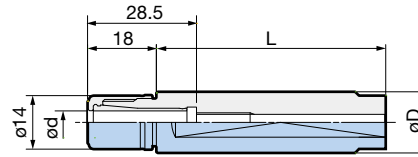
Center through



● Model Description

SL16 - MEGA 6 S - 60

- L dimension
- MICRO CHUCK
- Maximum clamping diameter
- MEGA CHUCK System
- Side lock shank diameter



Model	$\varnothing d$	$\varnothing D$	L
SL16-MEGA6S- 60	0.45 - 6.05	16	60
SL20-MEGA6S- 40		20	40
- 80			80
SL15.875-MEGA6S- 60		15.875	60

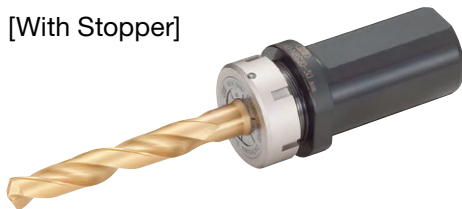
1. Nut is included. Collet and wrench must be ordered separately.
2. Center through coolant supply is available.

Standard Accessory	Optional Accessories			
MEGA NUT For Spares	Mega Wrench 	Micro Collet 	Mega Micro Seal Nut Mega Micro Coolant Nut 	Collet Case

Flange acts as a stopper and reduces time for preset off the machine significantly. Designed to be directly mounted into the drill holder on the turret.

Center through

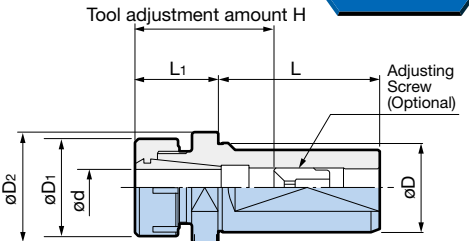
[With Stopper]



● Model Description

SLS25 - NBS 13 - 30

- L1 dimension
- Maximum clamping diameter
- NEW BABY CHUCK System
- Side lock shank diameter



Model	$\varnothing d$	$\varnothing D$	$\varnothing D_1$	$\varnothing D_2$	L	L ₁	Tool adjustment amount H
SLS25-NBS13- 30	2.5 - 13	25	35	32	54	30	41 - 60
- 60						60	
SLS32-NBS13- 30	2.5 - 13	32	35	39.5	58	30	41 - 60
- 60						60	
-100						100	
-NBS20- 30	2.5 - 20	40	46	45.5	68	30	48 - 65
- 60						60	
-100						100	
SLS40-NBS13- 30	2.5 - 13	40	35	49.5	68	30	41 - 60
- 60						60	
-100	2.5 - 20	40	46	49.5	68	100	48 - 65
-NBS20- 30						30	
- 60						60	
-100						100	

1. Nut is included. Adjusting Screw, collet and wrench must be ordered separately.
2. Center through coolant supply is available.
3. Tool adjustment amount "H" indicates the adjustment length with an Adjusting Screw.

Standard Accessory	Optional Accessories				
New Baby Nut For Spares	New Baby Wrench 	Collet 	BABY PERFECT SEAL 	Adjusting Screw 	Tap Adjusting Screw

Ideal as a basic holder for drills, taps, small-diameter cylindrical turning tools and reamers on lathes!



[Standard]

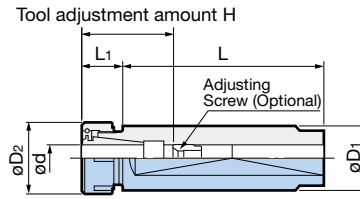
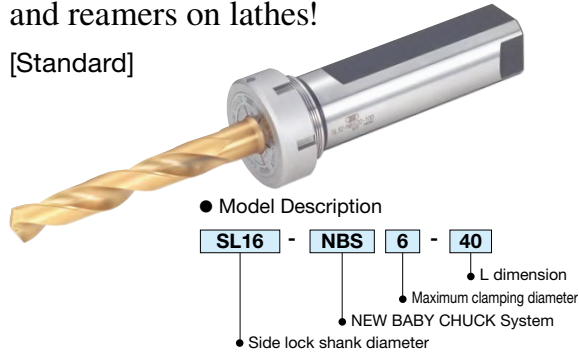


Fig. 1

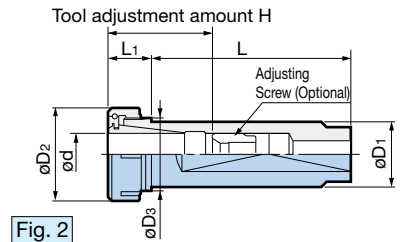


Fig. 2

Model	Fig.	$\varnothing d$	$\varnothing D_1$	$\varnothing D_2$	$\varnothing D_3$	L	L ₁	Tool adjustment amount H
SL16 -NBS 6- 40	1	0.25 - 6	16	20	-	40	15	20 - 40
- 80						80		
-NBS 8- 40		0.5 - 8		25		40	16.5	23 - 42
- 80						80		
-NBS10- 40	2	1.5 - 10	21	30	37	35 - 45		
- 80				80				
SL20 -NBS 6- 40	1	0.25 - 6	20	20	-	40	15	20 - 40
- 80						80		
-NBS 8- 40		0.5 - 8		25		40	16.5	23 - 42
- 80						80		
-NBS10- 40	2	1.5 - 10	21	30	18	35 - 45		
- 80				80				
-NBS13- 40	2	2.5 - 13	26	35	43	41 - 60		
- 80				80				
SL22 -NBS 6- 40	1	0.25 - 6	22	20	-	40	15	20 - 40
- 80						80		
-NBS 8- 40		0.5 - 8		25		40	16.5	23 - 42
- 80						80		
-NBS10- 40	2	1.5 - 10	26	30	18	35 - 45		
- 80				80				
-NBS13- 40	2	2.5 - 13	26	35	21.5	41 - 47		
- 80				80				
-NBS13- 40	2	2.5 - 13	26	35	21.5	41 - 60		
- 80				80				
SL25 -NBS 6- 80	1	0.25 - 6	25	20	-	80	15	20 - 40
-120						120		
-NBS 8- 80		0.5 - 8		25		80	16.5	23 - 42
-120						120		
-NBS10- 80	2	1.5 - 10	26	30	18	35 - 45		
-120				120				
-NBS13- 80	2	2.5 - 13	26	35	21.5	41 - 60		
-120				120				
-NBS16- 80	2	2.5 - 16	32	42	48	45 - 65		
-120				120				
SL25.4-NBS 6- 80	1	0.25 - 6	25.4	20	-	80	15	20 - 40
-120						120		
-NBS 8- 80		0.5 - 8		25		80	16.5	23 - 42
-120						120		
-NBS10- 80	2	1.5 - 10	26	30	18	35 - 45		
-120				120				
-NBS13- 80	2	2.5 - 13	26	35	21.5	41 - 50		
-120				120				
-NBS16- 80	2	2.5 - 16	32	42	48	45 - 65		
-120				120				
SL32 -NBS13-100	1	2.5 - 13	32	35	-	100	21.5	41 - 60
-150						150		
-NBS16-100		2.5 - 16		42		100	45 - 65	
-150						150		
-NBS20-100	2	2.5 - 20	36	46	36	48 - 65		
-150				150				

1. Nut is included. Adjusting screw, collet and wrench must be ordered separately.
2. Center through coolant supply is available.

3. Tool adjustment amount "H" indicates the adjustment length with an Adjusting Screw.

