

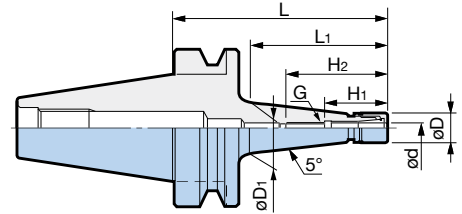
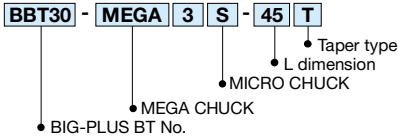


Ultra-slim design with $\varnothing 10\text{mm}$ nut outer diameter.
High speed collet chuck with minimized interference.

● Models for ultra-small endmilling are newly added!



● Model Description



Through hole type.

[High Rigidity Taper Type]

BIG-PLUS (BBT Shank) tools can be used on both BIG-PLUS spindles and conventional BT spindles.

BIG-PLUS BBT SHANK Model	Clamping diameter $\varnothing d$	$\varnothing D$	$\varnothing D_1$	L	L_1	H_1	H_2	G	Collet Model	Weight (kg)
BBT30-MEGA3S- 45T	0.45 - 3.25	10	11.5	45	20	22	38	M4 P0.7	NBC3S-□	0.42
- 75T			16	75	48					0.45
- 90T			18.5	90	63					0.48
-105T			21	105	78					0.52
-MEGA4S- 60T	0.45 - 4.05	12	15	60	33	26.5	47	M5 P0.8	NBC4S-□	0.45
- 75T			17.5	75	48					0.47
- 90T			20	90	63					0.50
-105T			23	105	78					0.54
-120T			25.5	120	93				0.60	
-MEGA6S- 60T	0.45 - 6.05	14	16.5	60	33	28.5	49	M7 P0.75	NBC6S-□	0.45
- 75T			19	75	48					0.47
- 90T			22	90	63					0.51
-105T			24.5	105	78					0.56
-120T			27	120	93				0.62	
-MEGA8S- 75T	2.95 - 8.05	18	23	75	48	31	50.5	M9 P0.75	NBC8S-□	0.51
-105T			28	105	78					0.62
BBT40-MEGA3S- 60T	0.45 - 3.25	10	12.5	60	28	22	38	M4 P0.7	NBC3S-□	1.0
- 90T			17.5	90	58					1.1
-120T			23	120	88					1.2
-MEGA4S- 60T	0.45 - 4.05	12	14	60	28	26.5	47	M5 P0.8	NBC4S-□	1.0
- 75T			16.5	75	43					1.1
- 90T			19.5	90	58					1.1
-105T			22	105	73					1.1
-120T			24.5	120	88					1.2
-135T			27	135	103				1.2	
-MEGA6S- 60T	0.45 - 6.05	14	15.5	60	28	28.5	49	M7 P0.75	NBC6S-□	1.1
- 75T			18	75	43					1.1
- 90T			21	90	58					1.1
-105T			23.5	105	73					1.1
-120T			26	120	88					1.2
-135T			29	135	103				1.3	
-MEGA8S- 90T	2.95 - 8.05	18	24.5	90	58	31	50.5	M9 P0.75	NBC8S-□	1.2
-120T			30	120	88					1.2

- Nut is included. Collet and wrench must be ordered separately.
- Weight includes the nut but not the collet.
- Please note that the practical spindle speed may be considerably influenced by the machine rigidity and tool balance. When using, slowly ramp up to the appropriate speed starting from slow speeds.

Clamping diameter: $\varnothing 0.45 - \varnothing 8.05$

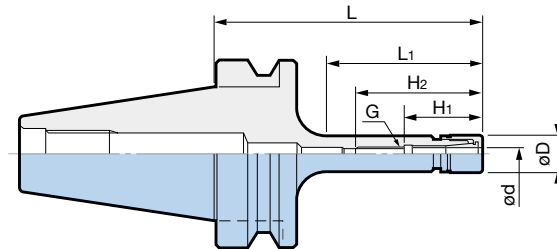
MEGA MICRO CHUCK PAT.



● Model Description

BBT30 - **MEGA** **4** **S** - **90**

- L dimension
- MICRO CHUCK
- MEGA CHUCK
- BIG-PLUS BT No.



Through hole type.

[Straight Type]

BIG-PLUS (BBT Shank) tools can be used on both BIG-PLUS spindles and conventional **BT spindles**.

BIG-PLUS BBT SHANK Model	Clamping diameter $\varnothing d$	$\varnothing D$	L	L ₁	H ₁	H ₂	G	Collet Model	Weight (kg)
BBT30-MEGA4S- 90	0.45 - 4.05	12	90	62	26.5	47	M5 P0.8	NBC4S-□	0.46
-MEGA6S- 60	0.45 - 6.05	14	60	32	28.5	49	M7 P0.75	NBC6S-□	0.45
- 90			90	62					0.47
-105			105	73					0.49
-MEGA8S- 90	2.95 - 8.05	18	90	60	31	50.5	M9 P0.75	NBC8S-□	0.51
BBT40-MEGA4S- 90	0.45 - 4.05	12	90	53	26.5	47	M5 P0.8	NBC4S-□	1.0
-MEGA6S- 90	0.45 - 6.05	14	90	53	28.5	49	M7 P0.75	NBC6S-□	1.0
-MEGA8S- 90	2.95 - 8.05	18	90	55	31	50.5	M9 P0.75	NBC8S-□	1.1

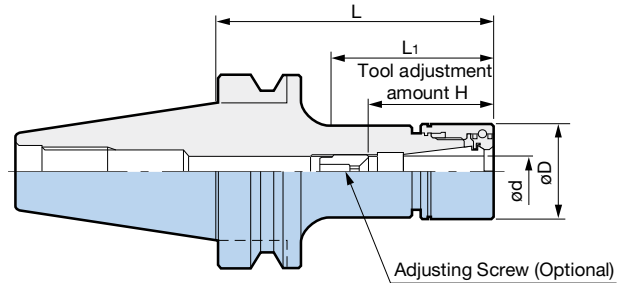
1. Nut is included. Collet and wrench must be ordered separately.
2. Weight includes the nut but not the collet.
3. Please note that the practical spindle speed may be considerably influenced by the machine rigidity and tool balance. When using, slowly ramp up to the appropriate speed starting from slow speeds.

Standard Accessory	Optional Accessories			
<p>MEGA NUT</p> <p>For Spares G3</p>	<p>Mega Wrench</p> <p>G26</p>	<p>Micro Collet</p> <p>G2</p>	<p>MEGA MICRO SEAL NUT (for 6S and 8S) MEGA MICRO COOLANT NUT (for 6S)</p> <p>G3</p>	<p>Collet Case</p> <p>G4</p>

High speed version of NEW BABY CHUCK boasting a history of results.
Makes high speed machining possible in addition to its high accuracy and versatility.



- Model Description
- BBT30** - **MEGA** **6** **N** - **60**
- L dimension
- NEW BABY CHUCK
- Maximum clamping diameter
- MEGA CHUCK
- BIG-PLUS BT No.



BBT30

BIG-PLUS (BBT Shank) tools can be used on both BIG-PLUS spindles and conventional **BT spindles**.

BIG-PLUS BBT SHANK Model	Clamping diameter ød	øD	L	L ₁	H	Collet Model	Nut Model	Weight (kg)
BBT30-MEGA 6N- 60	0.25 - 6	20	60	32	23 - 43	NBC 6-□	MGN 6	0.47
- 75			75	47				0.50
- 90			90	62				0.53
-105			105	77				0.56
-120			120	90				0.59
-MEGA 8N- 60	0.5 - 8	25	60	34	26 - 45	NBC 8-□	MGN 8	0.51
- 75			75	49				0.56
- 90			90	64				0.61
-105			105	79				0.67
-120			120	92				0.72
-MEGA10N- 60	1.5 - 10	30	60	34	38 - 48	NBC10-□	MGN10	0.54
- 75			75	49				0.61
- 90			90	64				0.68
-105			105	79				0.75
-120			120	94				0.82
-MEGA13N- 60	2.5 - 13	35	60	34	44 - 63	NBC13-□	MGN13	0.57
- 75			75	49				0.67
- 90			90	64				0.77
-105			105	79				0.87
-120			120	94				0.97
-MEGA16N- 60	2.5 - 16	42	60	37	48 - 63	NBC16-□	MGN16	0.61
- 75			75	52				0.75
- 90			90	67	48 - 68			0.89
-105			105	82				1.04
-MEGA20N- 60 ※			2.5 - 20	46	60			—
- 75	75	—			51 - 68	0.78		
- 90	90	—				0.93		
-105	105	—			1.08			
-MEGA25N- 85 ※	15.5 - 25.4	60			85	—	80	NBC25-□

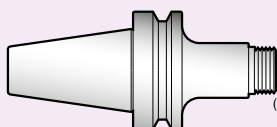
- Nut is included. Collet, wrench, and adjusting screw must be ordered separately.
- Weight includes the nut but not the collet.
- Center through coolant supply is available.

- Please note that the practical spindle speed may be considerably influenced by the machine rigidity and tool balance. When using, slowly ramp up to the appropriate speed starting from slow speeds.
- Tool adjustment amount "H" indicates the adjustment length with an Adjusting Screw.

※ marked models cannot be used with Adjusting Screws.
H dimension is the max. tool shank length that can be inserted into the holder.

When ordering a MEGA 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/MEGA PERFECT SEAL separately.



MEGA NEW BABY CHUCK Model + NL
BBT30-MEGA6N-60/NL
(NL at the end of the model number means nut not attached)



NBC Collet
NBC6-3AA



MEGA PERFECT SEAL Model
MPS6-03035



MEGA NUT Flat Type Model
MGN6F

BBT40

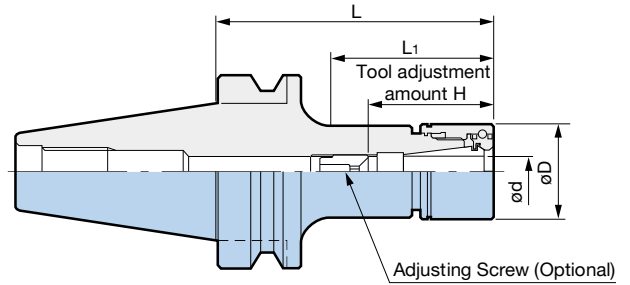
BIG-PLUS (BBT Shank) tools can be used on both BIG-PLUS spindles and conventional **BT** spindles.

BIG-PLUS BBT SHANK Model	Clamping diameter \varnothing	\varnothing D	L	L ₁	H	Collet Model	Nut Model	Weight (kg)	
BBT40-MEGA 6N- 60	0.25 - 6	20	60	27	23 - 43	NBC 6-□	MGN 6	1.0	
			- 75	75				38	1.1
			- 90	90				53	1.1
			-105	105				68	1.2
			-120	120				83	1.2
			-135	135				98	1.2
			-165	165				128	1.2
			-200	200				163	1.3
			-MEGA 8N- 60	0.5 - 8				25	60
- 75	75	38	1.1						
- 90	90	53	1.1						
-105	105	68	1.2						
-120	120	83	1.2						
-135	135	98	1.3						
-165	165	128	1.3						
-200	200	163	1.4						
-MEGA10N- 60	1.5 - 10	30	60		27	38 - 48	NBC10-□		MGN10
- 75			75	38	1.2				
- 90			90	53	1.2				
-105			105	68	1.3				
-120			120	83	1.4				
-135			135	98	1.4				
-165			165	128	1.5				
-200			200	163	1.7				
-MEGA13N- 60			2.5 - 13	35	60			31	
- 75	75	40			1.2				
- 90	90	55			1.3				
-105	105	70			1.4				
-120	120	85			1.5				
-135	135	100			1.6				
-165	165	130			1.8				
-200	200	165			2.0				
-MEGA16N- 60	2.5 - 16	42			60	31	48 - 68	NBC16-□	MGN16
- 75			75	40	1.3				
- 90			90	55	1.4				
-105			105	70	1.6				
-120			120	85	1.7				
-135			135	100	1.8				
-165			165	130	2.0				
-200			200	165	2.3				
-MEGA20N- 60			2.5 - 20	46	60	31			
- 75	75	42			1.3				
- 90	90	57			1.4				
-105	105	72			1.6				
-120	120	87			1.8				
-135	135	102			1.9				
-165	165	132			2.1				
-200	200	167			2.5				
-MEGA25N- 75	15.5 - 25.4	60			75	47	64 - 74	NBC25-□	MGN25
- 90			90	62	1.9				
-105			105	77	2.2				
-120			120	92	2.5				

A
MEGA CHUCK Series

Standard Accessory		Optional Accessories				
<p>MEGA NUT</p>  <p>For Spares </p>	<p>O-ring</p>  <p>For Spares </p>	<p>MEGA NUT Flat Type</p>  <p></p>	<p>Mega Wrench</p>  <p></p>	<p>Collet</p>  <p></p>	<p>MEGA PERFECT SEAL</p>  <p></p>	<p>Adjusting Screw</p>  <p></p>

The DUAL CONTACT BIG-PLUS system has been standardized.
The abundant variety is also ideal as reliable general-purpose holders.



● Model Description

BBT50 - **MEGA** **6** **N** - **90**

- L dimension
- NEW BABY CHUCK
- Maximum clamping diameter
- MEGA CHUCK
- BIG-PLUS BT No.

BBT50

BIG-PLUS (BBT Shank) tools can be used on both BIG-PLUS spindles and conventional **BT spindles**.

BIG-PLUS BBT SHANK Model	Clamping diameter $\varnothing D$	$\varnothing D$	L	L ₁	H	Collet Model	Nut Model	Weight (kg)
BBT50-MEGA 6N- 90	0.25 - 6	20	90	37	23 - 43	NBC 6-□	MGN 6	3.7
-120			120	67				3.8
-165			165	112				3.9
-200			200	147				4.0
-MEGA 8N- 90			0.5 - 8	25				90
-120	120	67			3.9			
-165	165	112			4.1			
-200	200	147			4.2			
-MEGA10N- 90	1.5 - 10	30	90	42	38 - 48	NBC10-□	MGN10	3.9
-120			120	67				4.0
-165			165	112				4.3
-200			200	147				4.7
-250			250	197				4.7
-300			300	247				4.9
-MEGA13N- 90	2.5 - 13	35	90	42	44 - 63	NBC13-□	MGN13	4.0
-120			120	67				4.2
-165			165	112				4.5
-200			200	147				4.7
-250			250	197				5.0
-300			300	247				5.3

1. Nut is included. Collet, wrench, and adjusting screw must be ordered separately.
2. Weight includes the nut but not the collet.
3. Center through coolant supply is available.
4. Please note that the practical spindle speed may be considerably influenced by the machine rigidity and tool balance. When using, slowly ramp up to the appropriate speed starting from slow speeds.
5. Tool adjustment amount "H" indicates the adjustment length with an Adjusting Screw.

BBT50

BIG-PLUS (BBT Shank) tools can be used on both BIG-PLUS spindles and conventional BT spindles.

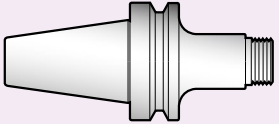
BIG-PLUS BBT SHANK Model	Clamping diameter $\varnothing D$	$\varnothing D$	L	L ₁	H	Collet Model	Nut Model	Weight (kg)
BBT50-MEGA16N- 75	2.5 - 16	42	75	31	48 - 68	NBC16-□	MGN16	4.0
- 90			90	42				4.2
-120			120	72				4.4
-165			165	117				4.8
-200			200	152				5.1
-250			250	202				5.5
-MEGA20N- 75	2.5 - 20	46	75	31	51 - 68	NBC20-□	MGN20	4.1
- 90			90	42				4.2
-120			120	72				4.5
-165			165	117				4.9
-200			200	152				5.3
-250			250	202				5.7
-MEGA25N- 90	15.5 - 25.4	60	90	46	64 - 74	NBC25-□	MGN25	4.3
-120			120	72				4.9
-165			165	117				5.8
-200			200	152				6.4

1. Nut is included. Collet, wrench, and adjusting screw must be ordered separately.
2. Weight includes the nut but not the collet.
3. Center through coolant supply is available.
4. Please note that the practical spindle speed may be considerably influenced by the machine rigidity and tool balance. When using, slowly ramp up to the appropriate speed starting from slow speeds.
5. Tool adjustment amount "H" indicates the adjustment length with an Adjusting Screw.

Standard Accessory		Optional Accessories				
MEGA NUT  For Spares 	O-ring  For Spares 	MEGA NUT Flat Type  	Mega Wrench  	Collet  	MEGA PERFECT SEAL  	Adjusting Screw  


When ordering a MEGA 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/MEGA PERFECT SEAL separately.




MEGA NEW BABY CHUCK Model + NL
BBT30-MEGA6N-60/NL
(NL at the end of the model number means nut not attached)

+




NBC Collet
NBC6-3AA

+



MEGA PERFECT SEAL Model
MPS6-03035



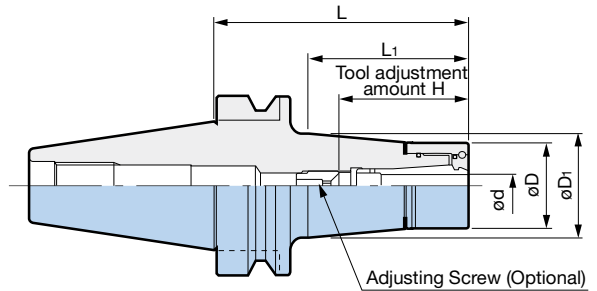
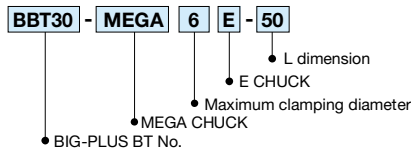
MEGA NUT Flat Type Model
MGN6F

A high-precision collet chuck designed especially for high speed and powerful end milling.

- Tapered body enhances damping effect by varying vibration frequency.
- Uses the MEGA E Collet designed for endmilling, delivering optimal clamping performance.



● Model Description



BIG-PLUS (BBT Shank) tools can be used on both BIG-PLUS spindles and conventional **BT** spindles.

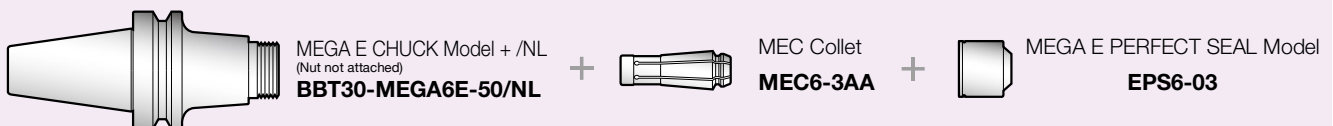
BIG-PLUS BBT SHANK Model	Clamping diameter ϕd	ϕD	ϕD_1	L	L ₁	H	Collet Model	Nut Model	Weight (kg)
BBT30-MEGA 6E- 50	3 - 6	25	26	50	25	37 - 45	MEC 6-□	MEN 6	0.51
- 75			30	75	50				0.62
- 90			32.5	90	65				0.71
-105			35.5	105	80				0.81
-MEGA 8E- 50	3 - 8	30	30.5	50	25	42 - 51	MEC 8-□	MEN 8	0.53
- 75			35	75	50				0.68
- 90			37.5	90	66				0.80
-105			40.5	105	81				0.93
-MEGA 10E- 50	3 - 10	35	35.5	50	25	48 - 58	MEC10-□	MEN10	0.57
- 75			40	75	51				0.77
- 90			41	90	66				0.90
-105			41.5	105	82				1.03
-MEGA 13E- 50	3 - 12	42	42.5	50	27	50 - 58	MEC13-□	MEN13	0.61
- 75			42	75	52				0.86
- 90			42	90	67	50 - 60			1.01
-105			42	105	82				1.17

- The nut is included but the collet, wrench and adjusting screw must be ordered separately.
- Weight includes the nut but not the collet.
- Please note that the practical spindle speed may be considerably influenced by the machine rigidity and tool balance.
When using, slowly ramp up to the appropriate speed starting from slow speeds.
- Center through coolant supply is available.
- Tool adjustment amount "H" indicates the adjustment length with an Adjusting Screw.

Standard Accessory		Optional Accessories			
<p>MEGA E Nut</p> <p>For Spares G13</p>	<p>O-ring</p> <p>For Spares G13</p>	<p>Mega Wrench</p> <p>G26</p>	<p>MEGA E Collet</p> <p>G13</p>	<p>MEGA E PERFECT SEAL</p> <p>G15</p>	<p>Adjusting Screw</p> <p>G14</p>

When ordering a **MEGA E 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 MEC Collet/MEGA E PERFECT SEAL separately.



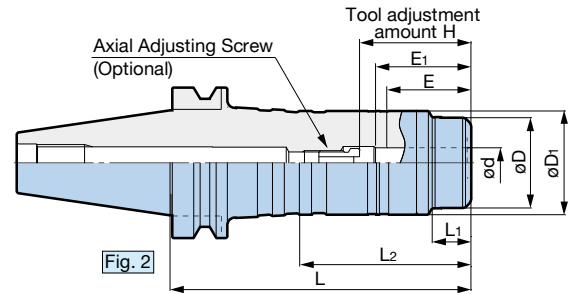
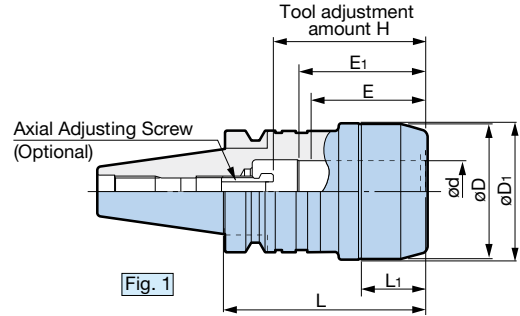
BIG-PLUS (BBT Shank) tools can be used on both BIG-PLUS spindles and conventional **BT spindles**.

BIG-PLUS BBT SHANK Model	Clamping diameter $\varnothing d$	$\varnothing D$	$\varnothing D_1$	L	L_1	H	Collet Model	Nut Model	Weight (kg)	
BBT40-MEGA 6E- 60	3 - 6	25	26.5	60	28	37 - 45	MEC 6-□	MEN 6	1.1	
- 75			29	75	43				1.2	
- 90			31.5	90	58				1.3	
-105			34	105	73				1.3	
-120			36.5	120	88				1.5	
-135			39	135	103				1.6	
-165			44.5	165	133				1.9	
-200			51	200	169				2.4	
-MEGA 8E- 60			3 - 8	30	31				60	28
- 75	33.5	75			43	42 - 51	1.3			
- 90	36	90			58		1.3			
-105	39	105			73		1.5			
-120	41.5	120			88		1.7			
-135	44	135			103		1.8			
-165	49.5	165			133		2.1			
-200	56	200			171		2.6			
-MEGA 10E- 60	3 - 10	35			36		60	29	48 - 58	MEC10-□
- 75			38.5	75	43		1.4			
- 90			41	90	58	1.5				
-105			44	105	73	1.7				
-120			46.5	120	88	1.8				
-135			49	135	103	2.0				
-165			54.5	165	135	2.4				
-200			55.5	200	171	3.1				
-MEGA 13E- 60			3 - 12	42	43	60	29	50 - 60		
- 75	45	75			43	1.5				
- 90	48	90			59	1.7				
-105	51	105			75	1.9				
-120	53.5	120			91	2.1				
-135	56	135			106	2.4				
-165	57.5	165			137	2.8				
-200	62.5	200			173	3.7				
BBT50-MEGA 6E- 90	3 - 6	25			30.5	90	47		37 - 45	MEC 6-□
-120			36	120	77	4.0				
-165			43.5	165	122	4.4				
-200			50	200	157	4.9				
-MEGA 8E- 90	3 - 8	30	35.5	90	47	42 - 51	MEC 8-□	MEN 8	3.9	
-120			40.5	120	77				4.1	
-165			48.5	165	122				4.6	
-200			54.5	200	157				5.2	
-MEGA10E- 90	3 - 10	35	40	90	47	48 - 58	MEC10-□	MEN10	4.0	
-120			45.5	120	77				4.2	
-165			53	165	121				4.9	
-200			59.5	200	156				5.5	
-MEGA13E- 90	3 - 12	42	46.5	90	47	50 - 60	MEC13-□	MEN13	4.0	
-120			52	120	77				4.4	
-165			59	165	121				5.2	
-200			65	200	156				6.0	

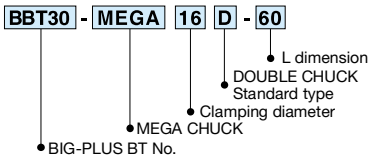
- The nut is included but the collet, wrench and adjusting screw must be ordered separately.
- Weight includes the nut but not the collet.
- Please note that the practical spindle speed may be considerably influenced by the machine rigidity and tool balance.
When using, slowly ramp up to the appropriate speed starting from slow speeds.
- Center through coolant supply is available.
- Tool adjustment amount "H" indicates the adjustment length with an Adjusting Screw.

Complete contact with the nut and body in conjunction with the BIG-PLUS specifications for double effect.
High rigidity equal to integration with the machine spindle.

[Standard Type]



● Model Description



BIG-PLUS (BBT Shank) tools can be used on both BIG-PLUS spindles and conventional BT spindles.

BIG-PLUS BBT SHANK Model	Fig.	Clamping diameter ϕd	ϕD	ϕD_1	L	L ₁	L ₂	H	Min. clamping length		Mega Wrench	Weight (kg)
									E	E ₁		
BBT30-MEGA16D- 60	1	16	46	47	60	25	—	62	48	50	MGR46L	0.75
-MEGA20D- 65 ※		20	50	51	65	30	—	60	50	50	MGR50L	0.82
BBT40-MEGA16D- 75A	2	16	42	53	75	25	38	71	48	55	MGR42L	1.5
-105A					105							2.1
-135A					135							2.7
-165A					165							3.3
-200A					200							4.1
-MEGA20D- 75A					75							1.6
-105A	2	20	50	55	105	34	44	69 - 79	50	56	MGR50L	2.0
-120A					120							2.3
-135A					135							2.6
-165A					165							3.2
-200A					200							4.1
-MEGA25D- 75A					75							1.6
-105A	1	25	62	63	105	39	—	73 - 83	56	57	MGR62L	2.3
-135A					135							3.0
-165A					165							3.7
-200A					200							4.7
-MEGA32D- 90A					90							2.1
-105A	1	32	70	71	105	33	—	71 - 81	60	64	MGR70L	2.4
-135A					135							3.1
-165A					165							3.7
-200A					200							4.5
-MEGA32D- 90A					90							2.1










1. Wrench is not included. Please order separately.
2. Please note that BBT40-MEGA32D-90A, ATC arm may interfere with the nut in some machines. (36mm from gauge line to nut.)
3. Please note that the practical spindle speed may be considerably influenced by the machine rigidity and tool balance. When using, slowly ramp up to the appropriate speed starting from slow speeds.
4. Tool adjustment amount "H" indicates the adjustment length with an Adjusting Screw.
5. When using center through coolant, insert a tool shank into E₁ or more.

- MEGA16D requires the hex socket head screw (M8) for axial adjustment. However, please contact us if using for center through applications. H dimension is the max. tool shank length that can be inserted into the holder.
- For ※ marked models, "H" dimension is the max. insertion depth. Some Straight Collets cannot be used. Compatibility Table [G23](#)

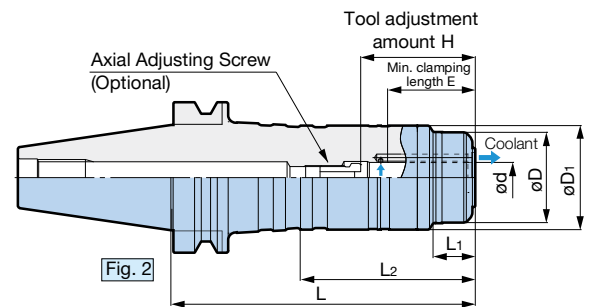
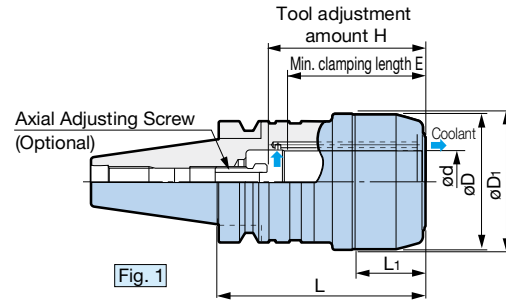
BIG-PLUS (BBT Shank) tools can be used on both BIG-PLUS spindles and conventional **BT** spindles.

BIG-PLUS BBT SHANK Model	Fig.	Clamping diameter $\varnothing d$	$\varnothing D$	$\varnothing D_1$	L	L ₁	L ₂	H	Min. clamping length		Mega Wrench	Weight (kg)
									E	E ₁		
BBT50-MEGA16D-105	2	16	46	55	105	23	33	71	48	50	MGR46L	4.6
-135					135							5.2
-165					165							5.7
-200					200							6.6
-MEGA20D-105	2	20	60	69	105	25	36	69 - 79	50	56	MGR60L	5.1
-135					135		6.0					
-165					165		6.8					
-200					200		114					7.7
-MEGA25D-105	2	25	70	77	105	32	45	76 - 86	56	65	MGR70L	5.4
-135					135		6.5					
-165					165		7.6					
-200					200		119					8.9
-MEGA32D- 90	2	32	80	86	90	39	54	78 - 95	60	71	MGR80L	4.8
-105					105		5.4					
-135					135		7.0					
-165					165		8.5					
-200					200		129					9.9
-250					250		169					12.1
-MEGA42D-105	1	42	99	100	105	40	—	88 - 105	70	71	MGR99L	6.0
-135					135		7.8					
-165					165		9.6					
-MEGA50D-120	1	50	105	117	120	47	—	94 - 110	—	75	MGR105L	7.3

- Wrench is not included. Please order separately.
 - Please note that the practical spindle speed may be considerably influenced by the machine rigidity and tool balance.
When using, slowly ramp up to the appropriate speed starting from slow speeds.
 - Tool adjustment amount "H" indicates the adjustment length with an Adjusting Screw.
 - When using center through coolant, insert a tool shank into E₁ or more.
- MEGA16D requires the hex socket head screw (M8) for axial adjustment.
However, please contact us if using for center through applications. H dimension is the max. tool shank length that can be inserted into the holder.

Optional Accessories		
Straight Collet  <ul style="list-style-type: none"> PJC Collet  G19 PSC Collet  G20 OCA Collet  G21 C Collet  G22 	Mega Wrench  <p style="text-align: right;"> G26</p>	Axial Adjusting Screw  <p style="text-align: right;"> G25</p>

[Jet Through Type]



● Model Description

BBT30 - MEGA 16 DS - 60

- DOUBLE CHUCK Jet Through Type
- Clamping diameter
- MEGA CHUCK
- BIG-PLUS BT No.

BIG-PLUS (BBT Shank) tools can be used on both BIG-PLUS spindles and conventional BT spindles.

BIG-PLUS BBT SHANK Model	Fig.	Clamping diameter ϕd	ϕD	ϕD_1	L	L ₁	L ₂	H	E	Mega Wrench	Weight (kg)
BBT30-MEGA16DS- 60	1	16	46	47	62.5	28	-	64	48	MGR46L	0.76
-MEGA20DS- 65*		20	50	51	67.5	33		62	50	MGR50L	0.82
BBT40-MEGA16DS- 75A	2	16	42	53	77	27	40	73	48	MGR42L	1.5
-105A					107						2.1
-135A					137						2.7
-165A					167						3.3
-200A					202						4.1
-MEGA20DS- 75A					77						1.6
-105A	107	2.0									
-120A	2	20	50	55	122	36	46	71 - 81	50	MGR50L	2.3
-135A					137						2.6
-165A					167						3.2
-200A					202						4.1
-MEGA25DS- 75A					77						1.6
-105A	1	25	62	63	107	41	-	75 - 85	56	MGR62L	2.0
-135A					137						3.0
-165A					167						3.7
-200A					202						4.7
-MEGA32DS- 90A					92						2.1
-105A	1	32	70	71	107	35	-	73 - 83	60	MGR70L	2.4
-135A					137						3.1
-165A					167						3.7
-200A					202						4.5

- Wrench is not included. Please order separately.
- Please note that BBT40-MEGA32DS-90A, ATC arm may interfere with the nut in some machines. (36mm from gauge line to nut.)
- Please note that the practical spindle speed may be considerably influenced by the machine rigidity and tool balance. When using, slowly ramp up to the appropriate speed starting from slow speeds.
- Tool adjustment amount "H" indicates the adjustment length with an Adjusting Screw.

- For * marked models, "H" dimension is the max. insertion depth. Some Straight Collets cannot be used. Compatibility Table [G23](#)
- MEGA16DS requires the hex socket head screw (M8) for axial adjustment. However, please contact us if using for center through applications. H dimension is the max. tool shank length that can be inserted into the holder.
- DS types have jet-through coolant supply, thus tools with oil holes cannot be used.

BIG-PLUS (BBT Shank) tools can be used on both BIG-PLUS spindles and conventional **BT spindles**.

BIG-PLUS BBT SHANK Model	Fig.	Clamping diameter $\varnothing d$	$\varnothing D$	$\varnothing D_1$	L	L ₁	L ₂	H	E	Mega Wrench	Weight (kg)
BBT50-MEGA16DS-105	2	16	46	55	107.5	26	36	73	48	MGR46L	4.6
-135					137.5						5.2
-165					167.5						5.7
-200					202.5						6.6
-250					252.5						7.0
-MEGA20DS-105	2	20	60	69	107.5	28	38	71 - 81	50	MGR60L	5.1
-135					137.5						6.0
-165					167.5		6.8				
-200					202.5		7.7				
-250					252.5		9.1				
-MEGA25DS-105	2	25	70	77	107.5	34	47	78 - 88	56	MGR70L	5.4
-135					137.5						6.5
-165					167.5		7.6				
-200					202.5		8.9				
-250					252.5		10.8				
-MEGA32DS- 90	2	32	80	86	94.5	42	57	80 - 97	60	MGR80L	4.8
-105					107.5						5.4
-135					137.5		7.0				
-165					167.5		8.5				
-200					202.5		9.9				
-250					252.5		12.1				
-300					302.5		14.3				
-MEGA42DS-105	1	42	99	100	107	42	—	90 - 107	70	MGR99L	6.0
-135					137						7.8
-165					167						9.6
-MEGA50DS-120	1	50	105	117	122	49	—	96 - 112	—	MGR105L	7.3

- Wrench is not included. Please order separately.
 - Please note that the practical spindle speed may be considerably influenced by the machine rigidity and tool balance. When using, slowly ramp up to the appropriate speed starting from slow speeds.
 - Tool adjustment amount "H" indicates the adjustment length with an Adjusting Screw.
- MEGA16DS requires the hex socket head screw (M8) for axial adjustment. However, please contact us if using for center through applications. H dimension is the max. tool shank length that can be inserted into the holder.
 - DS types have jet-through coolant supply, thus tools with holes cannot be used.

Optional Accessories

Straight Collet

PJC Collet  **G19**PSC Collet  **G20**C Collet  **G22**

Mega Wrench

 **G26**

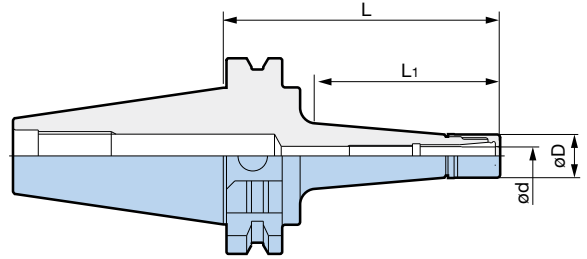
Axial Adjusting Screw

 **G25**



Ultra-slim design with $\varnothing 10\text{mm}$ nut outer diameter.
High speed collet chuck with minimized interference.

● Models for ultra-small endmilling are newly added!



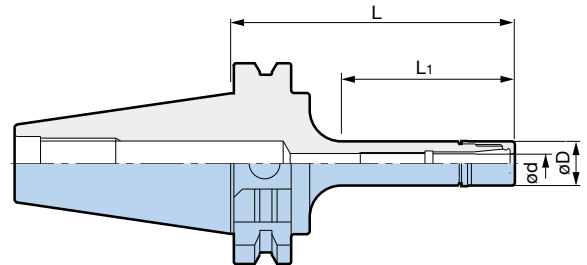
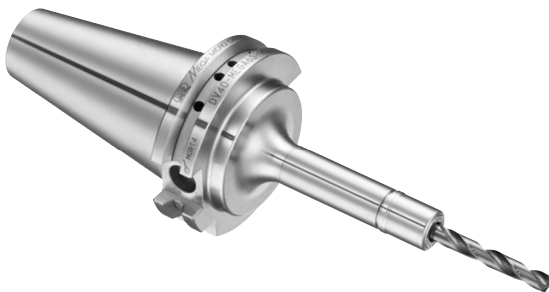
MEGA CHUCK Series

[High Rigidity Taper Type]

BIG-PLUS (BDV Shank) tools can be used on both BIG-PLUS spindles and conventional DV spindles.

BIG-PLUS BDV SHANK Model	DV SHANK Model	Clamping diameter $\varnothing d$	$\varnothing D$	L	L ₁	Collet Model	Nut Model	Weight (kg)
—	DV30-MEGA6S- 60T	0.45 - 6.05	14	60	36	NBC6S-□	MGN6S	0.41
—	-MEGA8S- 75T	2.95 - 8.05	18	75	51	NBC8S-□	MGN8S	0.48
BDV40-MEGA3S- 90T	DV40-MEGA3S- 90T	0.45 - 3.25	10	90	60	NBC3S-□	MGN3S	0.9
-MEGA4S- 90T	-MEGA4S- 90T	0.45 - 4.05	12	90	60	NBC4S-□	MGN4S	1.0
-MEGA6S- 60T	-MEGA6S- 60T	0.45 - 6.05	14	60	30	NBC6S-□	MGN6S	0.9
- 90T	- 90T			90	60			1.0
-120T	-120T			120	90			1.1
-MEGA8S- 90T	-MEGA8S- 90T	2.95 - 8.05	18	90	60	NBC8S-□	MGN8S	1.0

1. Nut is included. Collet and wrench must be ordered separately.
2. Weight includes the nut but not the collet.
3. Please note that the practical spindle speed may be considerably influenced by the machine rigidity and tool balance.
When using, slowly ramp up to the appropriate speed starting from slow speeds.



[Straight Type]

BIG-PLUS (BDV Shank) tools can be used on both BIG-PLUS spindles and conventional DV spindles.

BIG-PLUS BDV SHANK Model	DV SHANK Model	Clamping diameter $\varnothing d$	$\varnothing D$	L	L ₁	Collet Model	Nut Model	Weight (kg)
BDV40-MEGA6S- 90	DV40-MEGA6S- 90	0.45 - 6.05	14	90	55	NBC6S-□	MGN6S	0.9

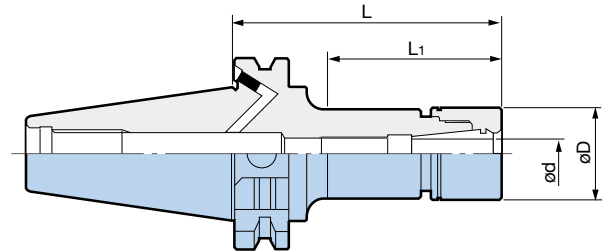
1. Nut is included. Collet and wrench must be ordered separately.
2. Weight includes the nut but not the collet.
3. Please note that the practical spindle speed may be considerably influenced by the machine rigidity and tool balance.
When using, slowly ramp up to the appropriate speed starting from slow speeds.

Standard Accessory	Optional Accessories			
<p>MEGA NUT</p> <p>For Spares </p>	<p>Mega Wrench</p> <p></p>	<p>Micro Collet</p> <p></p>	<p>MEGA MICRO SEAL NUT (for 6S and 8S) MEGA MICRO COOLANT NUT (for 6S)</p> <p></p>	<p>Collet Case</p> <p></p>

Clamping diameter: $\varnothing 0.25 - \varnothing 25.4$

MEGA NEW BABY CHUCK PAT.

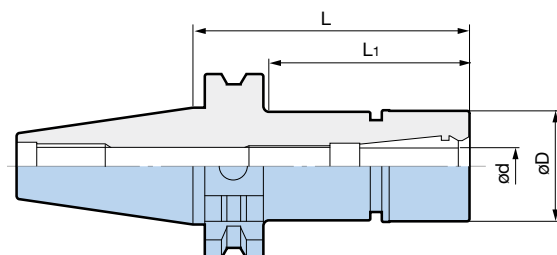
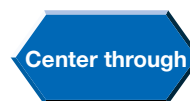
High speed version of NEW BABY CHUCK boasting a history of results.
Makes high speed machining possible in addition to its high accuracy and versatility.



BIG-PLUS (BDV Shank) tools can be used on both BIG-PLUS spindles and conventional DV spindles.

BIG-PLUS BDV SHANK Model	Clamping diameter $\varnothing d$	$\varnothing D$	L	L ₁	Collet Model	Nut Model	Weight (kg)
BDV40-MEGA 6N- 90	0.25 - 6	20	90	55	NBC 6-□	MGN 6	1.1
-135			135	100			1.2
-MEGA 8N- 90	0.5 - 8	25	90	57	NBC 8-□	MGN 8	1.1
-135			135	102			1.3
-MEGA10N- 90	1.5 - 10	30	90	59	NBC10-□	MGN10	1.2
-135			135	104			1.4
-MEGA13N- 90	2.5 - 13	35	90	61	NBC13-□	MGN13	1.3
-135			135	106			1.6
-165			165	136			1.8
-MEGA16N- 90	2.5 - 16	42	90	65	NBC16-□	MGN16	1.5
-135			135	110			1.9
-165			165	140			2.2
-MEGA20N- 60	2.5 - 20	46	60	40	NBC20-□	MGN20	1.3
- 90			90	70			1.6
-135			135	115			2.0
-165			165	145			2.3
-200	15.5 - 25.4	60	200	180	NBC25-□	MGN25	2.6
-MEGA25N- 90			90	70			1.8
-120			120	100			2.3

- Nut is included. Collet, wrench, and Adjusting Screw must be ordered separately.
- Weight includes the nut but not the collet.
- Through holes are provided, allowing switching between center through and flange through use.
- Please note that the practical spindle speed may be considerably influenced by the machine rigidity and tool balance. When using, slowly ramp up to the appropriate speed starting from slow speeds.



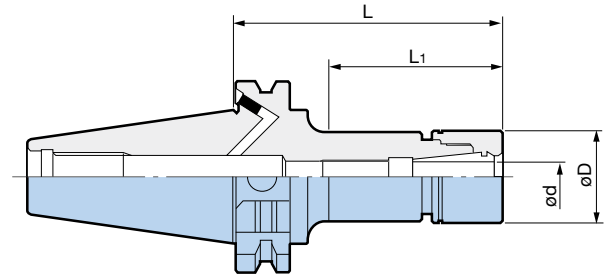
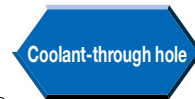
DV30 SHANK

Not BIG-PLUS (DUAL CONTACT) specification

DV SHANK Model	Clamping diameter $\varnothing d$	$\varnothing D$	L	L ₁	Collet Model	Nut Model	Weight (kg)
DV30-MEGA10N- 75	1.5 - 10	30	75	54	NBC10-□	MGN10	0.60

- Nut is included. Collet, wrench, and Adjusting Screw must be ordered separately.
- Weight includes the nut but not the collet.
- Center through coolant supply is available.
- Please note that the practical spindle speed may be considerably influenced by the machine rigidity and tool balance. When using, slowly ramp up to the appropriate speed starting from slow speeds.

The DUAL CONTACT BIG-PLUS system has been standardized. The abundant variety is also ideal as reliable general-purpose holders.



MEGA CHUCK Series

BIG-PLUS (BDV Shank) tools can be used on both BIG-PLUS spindles and conventional DV spindles.

BIG-PLUS BDV SHANK Model	Clamping diameter $\varnothing D$	$\varnothing D$	L	L ₁	Collet Model	Nut Model	Weight (kg)
BDV50-MEGA 6N- 90	0.25 - 6	20	90	50	NBC 6-□	MGN 6	3.0
-120			120	80			3.0
-165			165	125			3.1
-MEGA10N- 90	1.5 - 10	30	90	55	NBC10-□	MGN10	3.2
-120			120	80			3.3
-165			165	125			3.5
-MEGA13N- 90	2.5 - 13	35	90	55	NBC13-□	MGN13	3.2
-120			120	80			3.4
-165			165	125			3.7
-MEGA16N- 90	2.5 - 16	42	90	55	NBC16-□	MGN16	3.4
-120			120	85			3.7
-165			165	130			4.1
-200			200	165			4.4
-MEGA20N- 90	2.5 - 20	46	90	55	NBC20-□	MGN20	3.5
-120			120	85			3.8
-165			165	130			4.3
-200			200	165			4.6
-MEGA25N-105	15.5 - 25.4	60	105	77	NBC25-□	MGN25	4.0
-135			135	107			4.6

- Nut is included. Collet, wrench, and Adjusting Screw must be ordered separately.
- Weight includes the nut but not the collet.
- Through holes are provided, allowing switching between center through and flange through use.
- Please note that the practical spindle speed may be considerably influenced by the machine rigidity and tool balance. When using, slowly ramp up to the appropriate speed starting from slow speeds.

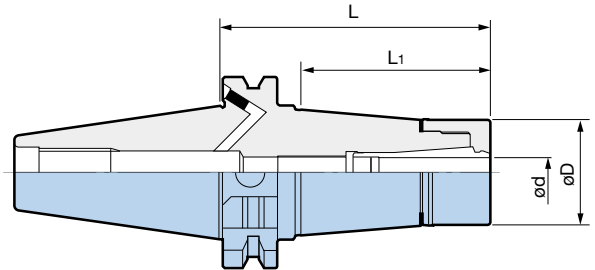
Standard Accessory		Optional Accessories				
MEGA NUT For Spares	O-ring For Spares	MEGA NUT Flat Type 	Mega Wrench 	Collet 	MEGA PERFECT SEAL 	Adjusting Screw

Clamping diameter: $\varnothing 3 - \varnothing 12$

MEGA E CHUCK PAT.

A high precision, high speed and high rigidity collet chuck especially for endmilling.

- Tapered body enhances damping effect by varying vibration frequency.
- Uses the MEGA E Collet designed for endmilling, delivering optimal clamping performance.



MEGA CHUCK Series

BIG-PLUS (BDV Shank) tools can be used on both BIG-PLUS spindles and conventional DV spindles.

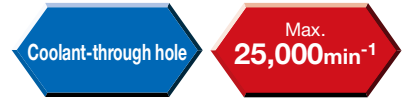
BIG-PLUS BDV SHANK Model	Clamping diameter $\varnothing d$	$\varnothing D$	L	L ₁	Collet Model	Nut Model	Weight (kg)
BDV40-MEGA 6E- 90	3 - 6	25	90	60	MEC 6-□	MEN 6	1.2
-MEGA 8E- 60	3 - 8	30	60	30	MEC 8-□	MEN 8	1.2
- 90			90	63			1.3
-MEGA 10E- 60	3 - 10	35	60	33	MEC10-□	MEN10	1.3
- 90			90	64			1.4
-MEGA 13E- 60	3 - 12	42	60	35	MEC13-□	MEN13	1.5
- 90			90	61			1.7
-120			120	95			1.9
BDV50-MEGA 6E-120	3 - 6	25	120	90	MEC 6-□	MEN 6	3.3
-MEGA 8E-120	3 - 8	30	120	90	MEC 8-□	MEN 8	3.4
-MEGA 10E-120	3 - 10	35	120	90	MEC10-□	MEN10	3.6
-MEGA 13E- 90	3 - 12	42	90	60	MEC13-□	MEN13	3.6
-120			120	90			3.8
-165			165	137			4.4

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. Please note that the practical spindle speed may be considerably influenced by the machine rigidity and tool balance. When using, slowly ramp up to the appropriate speed starting from slow speeds.
4. Through holes are provided, allowing switching between center through and flange through use.

Standard Accessory		Optional Accessories			
MEGA E Nut  For Spares 	O-ring  For Spares 	Mega Wrench  	MEGA E Collet  	MEGA E PERFECT SEAL  	Adjusting Screw  

Complete contact with the nut and body in conjunction with the BIG-PLUS specifications for double effect. High rigidity equal to integration with the machine spindle.

[Jet Through Type]



MEGA CHUCK Series

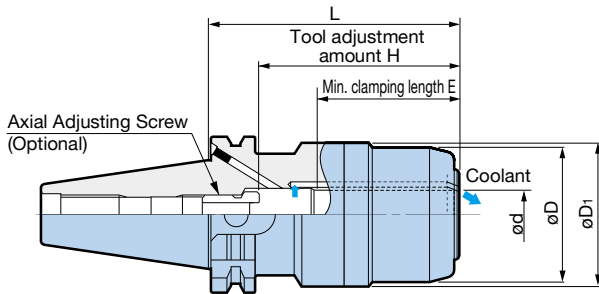


Fig. 1

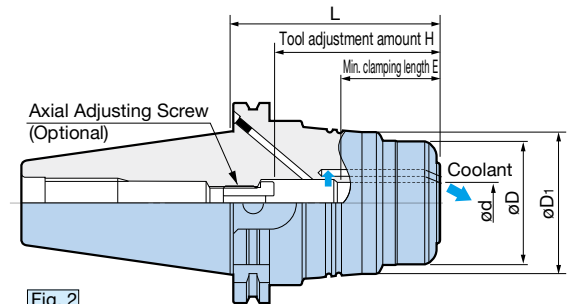










Fig. 2

BIG-PLUS (BDV Shank) tools can be used on both BIG-PLUS spindles and conventional DV spindles.

BIG-PLUS BDV SHANK Model	Fig.	Clamping diameter $\varnothing d$	$\varnothing D$	$\varnothing D_1$	L	H	E	Mega Wrench	Weight (kg)
BDV40-MEGA16DS- 90A	1	16	42	53	92	73	48	MGR42L	1.8
-MEGA20DS-100A		20	50	55	102				71 - 81
-135A					137	2.5			
-MEGA25DS-100A		25	62	63	102	73 - 83	56	MGR62L	2.4
-135A					137				3.0
-MEGA32DS-100A		32	70	71	102	78 - 88	60	MGR70L	2.2
-135A	137				3.0				
BDV50-MEGA16DS- 70	2	16	46	55	72.5	73	48	MGR46L	3.5
-MEGA20DS-100		20	60	69	102.5				71 - 81
-135					137.5	5.7			
-MEGA25DS-105	25	70	77	107.5	78 - 88	56	MGR70L	5.4	
-135				137.5				6.3	
-MEGA32DS-105	32	80	86	107.5	80 - 97	60	MGR80L	5.7	
-135				137.5				6.7	
-MEGA42DS-105	42	99	100	107	90 - 107		MGR99L	6.1	

- Wrench is not included. Please order separately.
- Please note that the practical spindle speed may be considerably influenced by the machine rigidity and tool balance. When using, slowly ramp up to the appropriate speed starting from slow speeds.
- Tool adjustment amount "H" indicates the adjustment length with an Adjusting Screw.
- Through holes are provided, allowing switching between center through and flange through use.

- MEGA16DS requires the hex socket head screw (M8) for axial adjustment. However, please contact us if using for center through applications. H dimension is the max. tool shank length that can be inserted into the holder.
- DS types have jet-through coolant supply, thus tools with oil holes cannot be used.

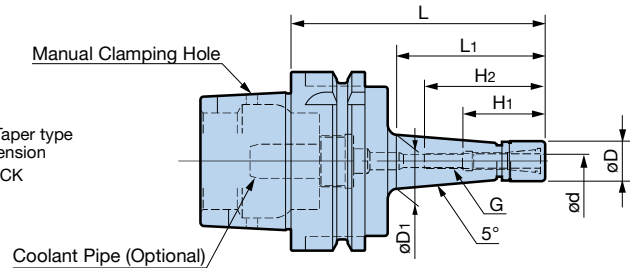
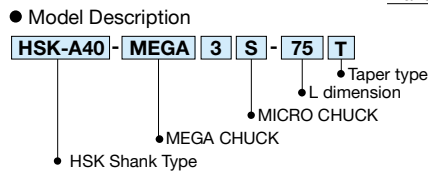
Optional Accessories		
<p>Straight Collet</p>  <p>PJC Collet  G19</p> <p>PSC Collet  G20</p> <p>C Collet  G22</p>	<p>Mega Wrench</p>  <p> G26</p>	<p>Axial Adjusting Screw</p>  <p> G25</p>

Ultra-slim design of $\varnothing 10\text{mm}$ nut outer diameter.
High speed collet chuck with minimized interference.

Max.
40,000 min^{-1}

● Models for ultra-small endmilling are newly added!

[High Rigidity Taper Type]



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

Model	Clamping diameter $\varnothing d$	$\varnothing D$	$\varnothing D_1$	L	L_1	H_1	H_2	G	Collet Model	Weight (kg)
HSK-A40-MEGA3S- 75T	0.45 - 3.25	10	16	75	44	22	38	M4 P0.7	NBC 3S-□	0.28
- 90T			18	90	60					0.31
-MEGA4S- 60T	0.45 - 4.05	12	14	60	27	26.5	44	M5 P0.8	NBC 4S-□	0.27
- 90T			20	90	60					0.33
-105T			23	105	76		0.37			
-MEGA6S- 60T ※	0.45 - 6.05	14	16	60	29	28.5	(40)	M7 P0.75	NBC 6S-□	0.28
- 75T			19	75	45					0.31
- 90T			21.5	90	60		0.34			
-105T			25	105	76		0.39			
HSK-A50-MEGA6S-105T	0.45 - 6.05	14	22.5	105	66	28.5	49	M7 P0.75	NBC 6S-□	0.6
HSK-A63-MEGA3S- 75T	0.45 - 3.25	10	14	75	36	22	38	M4 P0.7	NBC 3S-□	0.8
-120T			21.5	120	81					0.9
-MEGA4S- 75T	0.45 - 4.05	12	15.5	75	36	26.5	47	M5 P0.8	NBC 4S-□	0.9
- 90T			18	90	51					0.9
-120T			23.5	120	81					1.0
-MEGA6S- 60T	0.45 - 6.05	14	15.5	60	23	28.5	37	M7 P0.75	NBC 6S-□	0.8
- 75T			17	75	36		48			0.9
- 90T			20	90	51		49			0.9
-105T			22.5	105	66					0.9
-120T			25	120	81					1.0
-135T			27.5	135	96					1.0
-MEGA8S- 90T	2.95 - 8.05	18	23.5	90	51	31	50.5	M9 P0.75	NBC 8S-□	0.9
-120T			28.5	120	81					1.1

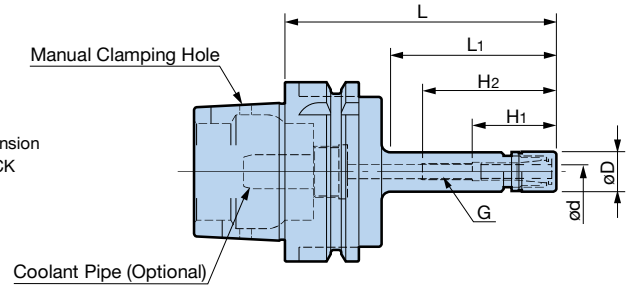
- Nut is included. Collet and wrench must be ordered separately.
- Weight includes the nut but not the collet.
- Please note that the practical spindle speed may be considerably influenced by the machine rigidity and tool balance.
When using, slowly ramp up to the appropriate speed starting from slow speeds.
- Models marked with "※" do not have inner thread. H_2 () dimension is the max. tool shank length that can be inserted into the holder.
- Coolant pipe is not included. C63

[Straight Type]

- Straight type with less workpiece interference.



● Model Description
HSK-A40 - **MEGA** **3** **S** - **60**
 ● HSK Shank Type
 ● MEGA CHUCK
 ● MICRO CHUCK
 ● L dimension



Through hole type.

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

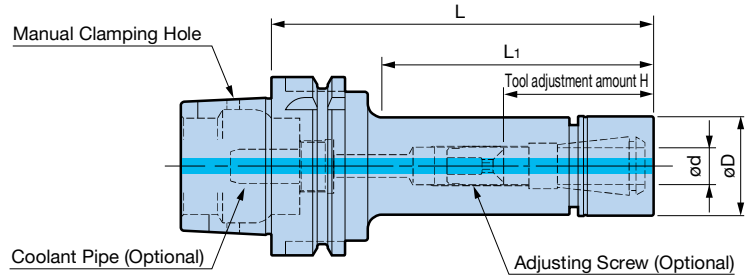
Model	Clamping diameter $\varnothing D$	$\varnothing D$	L	L ₁	H ₁	H ₂	G	Collet Model	Weight (kg)
HSK-A40-MEGA3S- 60	0.45 - 3.25	10	60	26	22	39	M4 P0.7	NBC 3S-□	0.26
-MEGA4S- 60	0.45 - 4.05	12	60	27	26.5	44	M5 P0.8	NBC 4S-□	0.26
- 90			90	57		47			0.29
-MEGA6S- 60 ※	0.45 - 6.05	14	60	28	—	(40)	—	NBC 6S-□	0.27
- 90			90	58					49
HSK-A50-MEGA4S- 75	0.45 - 4.05	12	75	36	26.5	47	M5 P0.8	NBC 4S-□	0.5
-MEGA6S- 75	0.45 - 6.05	14	75	36	28.5	49	M7 P0.75	NBC 6S-□	0.6
HSK-A63-MEGA4S- 75	0.45 - 4.05	12	75	36	26.5	48	M5 P0.8	NBC 4S-□	0.8
-105			105	61		47			0.9
-MEGA6S- 75	0.45 - 6.05	14	75	36	28.5	48	M7 P0.75	NBC 6S-□	0.9
-105			105	61		49			0.9
-MEGA8S- 90	2.95 - 8.05	18	90	48	31	50.5	M9 P0.75	NBC 8S-□	0.9

1. Nut is included. Collet and wrench must be ordered separately.
2. Weight includes the nut but not the collet.
3. Please note that the practical spindle speed may be considerably influenced by the machine rigidity and tool balance.
When using, slowly ramp up to the appropriate speed starting from slow speeds.

4. Models marked with "※" do not have inner thread. H₂ () dimension is the max. tool shank length that can be inserted into the holder.
5. Coolant pipe is not included. C63

Standard Accessory	Optional Accessories			
MEGA NUT For Spares	Mega Wrench 	Micro Collet 	Mega Micro Seal Nut (For 6S and 8S) Mega Micro Coolant Nut (For 6S) 	Collet Case

The best selling MEGA CHUCK series pursues high speed capability for its body, nut, collet and wrench.



● Model Description

HSK-A40 - **MEGA** **6** **N** - **60**

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

MEGA CHUCK Series

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


Model	Clamping diameter $\varnothing d$	$\varnothing D$	L	L ₁	H	Collet Model	Weight (kg)
HSK-A40-MEGA 6N- 60 ※	0.25 - 6	20	60	30	33	NBC 6-□	0.31
- 75			75	45	23 - 38		0.34
- 90			90	60	23 - 43		0.37
-MEGA 8N- 60 ※	0.5 - 8	25	60	30	41	NBC 8-□	0.35
- 90			90	60	26 - 44		0.44
-MEGA10N- 60 ※	1.5 - 10	30	60	26	40	NBC10-□	0.42
- 90			90	54	38 - 48		0.56
-MEGA13N- 75 ※	2.5 - 13	35	75	55	55	NBC13-□	0.55
- 90			90	70	64		0.64
-MEGA16N- 75 ※	2.5 - 16	42	75	55	53	NBC16-□	0.65
- 90			90	70	63		0.78
-MEGA20N- 90 ※	2.5 - 20	46	90	70	66	NBC20-□	0.86

1. Nut is included. Adjusting screw, collet and wrench must be ordered separately.
2. Weight includes the nut but not the collet.
3. Center through coolant supply is available.
4. Tool adjustment amount "H" indicates the adjustment length with an Adjusting Screw.
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. Please note that the practical spindle speed may be considerably influenced by the machine rigidity and tool balance.
When using, slowly ramp up to the appropriate speed starting from slow speeds.
7. Coolant pipe is not included. C63

Standard Accessory		Optional Accessories				
<p>MEGA NUT</p> <p>For Spares G10</p>	<p>O-ring</p> <p>For Spares G10</p>	<p>MEGA NUT Flat Type</p> <p> G10</p>	<p>Mega Wrench</p> <p> G26</p>	<p>Collet</p> <p> G5</p>	<p>MEGA PERFECT SEAL</p> <p> G11</p>	<p>Adjusting Screw</p> <p> G10</p>

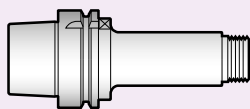
A Type (DIN 69893-1) (ISO 12164)

Model	Clamping diameter $\varnothing d$	$\varnothing D$	L	L ₁	H	Collet Model	Weight (kg)
HSK-A50-MEGA 6N- 75	0.25 - 6	20	75	37	23 - 43	NBC 6-□	0.6
-100			100	60			0.6
-135			135	93			0.7
-165			165	123			0.8
-MEGA 8N- 75	0.5 - 8	25	75	37	26 - 37	NBC 8-□	0.6
-100			100	62	26 - 45		0.7
-135			135	96			0.8
-165			165	125			0.9
-MEGA10N- 75 ※	1.5 - 10	30	75	38	38 - 48	NBC10-□	0.7
-100			100	63			0.8
-135			135	98			1.0
-165			165	128			1.1
-MEGA13N- 75 ※	2.5 - 13	35	75	40	46	NBC13-□	0.7
-100			100	65	44 - 56		0.9
-135			135	100	44 - 63		1.1
-165			165	130			1.3
-MEGA16N- 75 ※	2.5 - 16	42	75	49	48	NBC16-□	1.0
-100			100	74	48 - 55		1.1
-135			135	109	48 - 68		1.4
-165			165	139			1.7
-MEGA20N- 75 ※▲	2.5 - 20	46	75	49	47	NBC20-□	0.9
-100			100	74	51 - 54		1.1
-135			135	109	51 - 68		1.5
-165			165	139			1.8
-MEGA25N- 95 ※	15.5 - 25.4	60	95	69	65	NBC25-□	1.3

- Nut is included. Adjusting Screw, collet and wrench must be ordered separately.
- Weight includes the nut but not the collet.
- Center through coolant supply is available.
- Tool adjustment amount "H" indicates the adjustment length with an Adjusting Screw.
- Models with ※ indication cannot be used with Adjusting Screws. H dimension is the max. tool shank length that can be inserted into the holder.
- Models with ▲ indication cannot use a NEW BABY ENDMILL COLLET.
- Please note that the practical spindle speed may be considerably influenced by the machine rigidity and tool balance. When using, slowly ramp up to the appropriate speed starting from slow speeds.
- Coolant pipe is not included.  C63

When ordering a **MEGA 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/MEGA PERFECT SEAL separately.



MEGA NEW BABY CHUCK Model + NL
HSK-A40-MEGA 6N-60/NL
(NL at the end of the model number means nut not attached)

+



NBC Collet
NBC6-3AA

+



MEGA PERFECT SEAL Model
MPS6-03035



MEGA NUT Flat Type Model
MGN6F

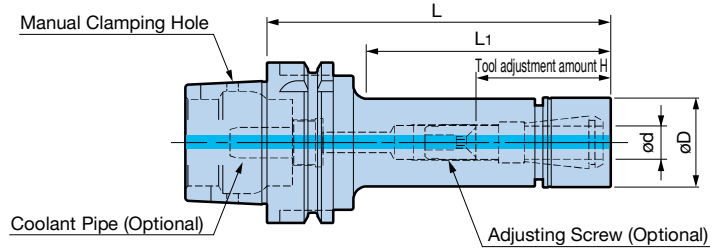
The best selling MEGA CHUCK series pursues high speed capability for its body, nut, collet and wrench.



● Model Description

HSK-A63 - **MEGA** **6** **N** - **75**

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



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


Model	Clamping diameter $\varnothing d$	$\varnothing D$	L	L ₁	H	Collet Model	Weight (kg)
HSK-A63-MEGA 6N- 75	0.25 - 6	20	75	35	23 - 38	NBC 6-□	0.9
- 90			90	48	23 - 43		0.9
-105			105	63			0.9
-120			120	76			1.0
-135			135	91			1.0
-165			165	121	1.0		
-MEGA 8N- 75	0.5 - 8	25	75	35	26 - 38	NBC 8-□	0.9
- 90			90	50	26 - 45		1.0
-105			105	63			1.0
-120			120	76			1.1
-135			135	91			1.1
-165			165	121	1.2		
-MEGA10N- 75 ※	1.5 - 10	30	75	36	50	NBC10-□	1.0
- 90			90	50	38 - 45		1.0
-105			105	65	38 - 48		1.1
-120			120	80			1.2
-135			135	93			1.3
-165			165	123			1.4
-MEGA13N- 75 ※	2.5 - 13	35	75	37	49	NBC13-□	1.0
- 90			90	51	64		1.1
-105			105	66	44 - 56		1.2
-120			120	81	44 - 63		1.3
-135			135	96			1.4
-165			165	125			1.7
-MEGA16N- 75 ※	2.5 - 16	42	75	39	48	NBC16-□	1.1
- 90			90	54	63		1.3
-105			105	69	48 - 54		1.4
-120			120	84	48 - 68		1.5
-135			135	99			1.7
-165			165	129			2.0
-200	200	164	2.4				
-MEGA20N- 75 ※	2.5 - 20	46	75	39	51	NBC20-□	1.2
- 90			90	54	61		1.4
-105			105	69	51 - 54		1.5
-120			120	84	51 - 68		1.7
-135			135	99			1.8
-165			165	129			2.3
-200	200	164	2.7				
-MEGA25N- 90 ※	15.5 - 25.4	60	90	—	63	NBC25-□	1.6
-120			120	—	90		2.2

1. Nut is included. Adjusting Screw, collet and wrench must be ordered separately.
2. Weight includes the nut but not the collet.
3. Center through coolant supply is available.
4. Tool adjustment amount "H" indicates the adjustment length with an Adjusting Screw.
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. Please note that the practical spindle speed may be considerably influenced by the machine rigidity and tool balance.
7. Coolant pipe is not included. C63

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

Model	Clamping diameter $\varnothing d$	$\varnothing D$	L	L ₁	H	Collet Model	Weight (kg)
HSK-A100-MEGA 6N- 90	0.25 - 6	20	90	43	23 - 43	NBC 6-□	2.5
-105			105	58			2.5
-120			120	73			2.5
-135			135	88			2.5
-165			165	113			2.6
-MEGA 8N- 90	0.5 - 8	25	90	43	26 - 45	NBC 8-□	2.5
-105			105	58			2.6
-120			120	73			2.6
-135			135	88			2.7
-165			165	113			2.7
-MEGA10N- 90	1.5 - 10	30	90	43	38 - 45	NBC10-□	2.6
-105			105	58	2.7		
-120			120	73	38 - 48		2.7
-135			135	88	2.8		
-165			165	113	3.0		
-MEGA13N- 90 ※	2.5 - 13	35	90	43	55	NBC13-□	2.7
-105 ※			105	58	70		2.8
-120			120	73	44 - 63		2.9
-135			135	88			3.0
-165			165	118			3.2
-200			200	148			3.5
-MEGA16N- 90 ※	2.5 - 16	42	90	47	55	NBC16-□	2.8
-105 ※			105	58	70		2.9
-120			120	73	48 - 68		3.1
-135			135	88			3.2
-165			165	118			3.6
-200			200	151			4.0
-MEGA20N- 90 ※	2.5 - 20	46	90	47	55	NBC20-□	2.9
-105 ※			105	58	70		3.0
-120			120	73	51 - 68		3.2
-135			135	88			3.3
-165			165	118			3.8
-200			200	153			4.3
-MEGA25N-120 ※	15.5 - 25.4	60	120	78	85	NBC25-□	3.8
-165			165	123	64 - 74		4.6
HSK-A125-MEGA20N-120	2.5 - 20	46	120	78	51 - 61	NBC20-□	4.7
-165			165	118	51 - 68		5.2

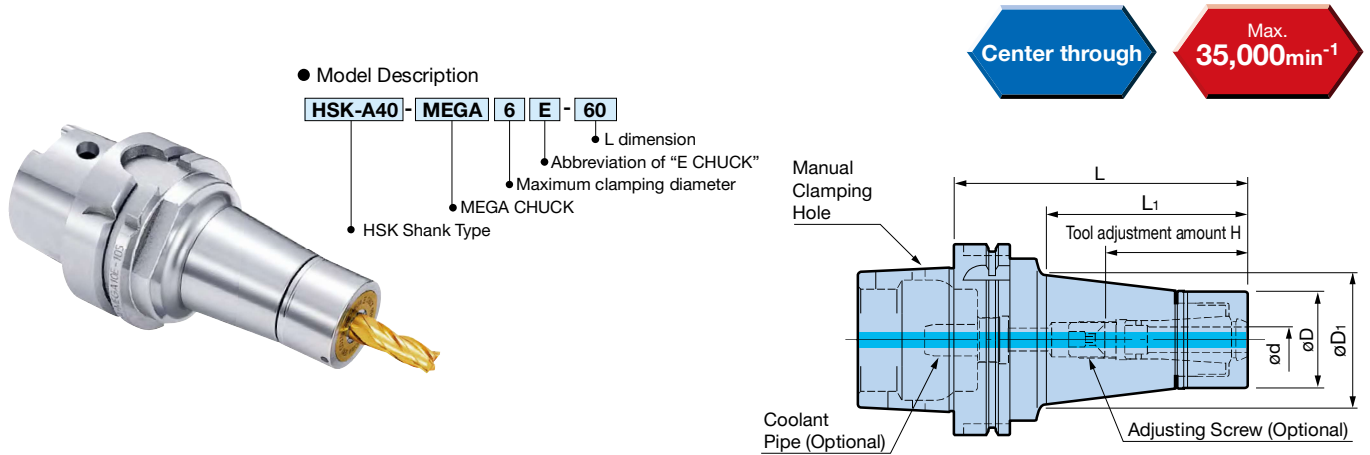
1. Nut is included. Adjusting Screw, collet and wrench must be ordered separately.
2. Weight includes the nut but not the collet.
3. Center through coolant supply is available.
4. Tool adjustment amount "H" indicates the adjustment length with an Adjusting Screw.

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. Please note that the practical spindle speed may be considerably influenced by the machine rigidity and tool balance. When using, slowly ramp up to the appropriate speed starting from slow speeds.
7. Coolant pipe is not included. 

Standard Accessory		Optional Accessories				
MEGA NUT  For Spares 	O-ring  For Spares 	MEGA NUT Flat Type  	Mega Wrench  	Collet  	MEGA PERFECT SEAL  	Adjusting Screw  

A high precision, high speed and high rigidity collet chuck especially for endmilling.

- Tapered body enhances damping effect by varying vibration frequency.
- Uses the MEGA E Collet designed for endmilling, delivering optimal clamping performance.



- Model Description
- HSK-A40 - MEGA 6 E - 60
- L dimension
- Abbreviation of "E CHUCK"
- Maximum clamping diameter
- MEGA CHUCK
- HSK Shank Type

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


Model	Clamping diameter $\varnothing d$	$\varnothing D$	$\varnothing D_1$	L	L ₁	H	Collet Model	Weight (kg)
HSK-A40-MEGA 6E- 60 ※	3 - 6	25	26	60	24	41	MEC 6-□	0.39
- 75 ※			28.5	75	39	55		0.45
-MEGA 8E- 65 ※	3 - 8	30	34	65	30	44	MEC 8-□	0.46
- 75 ※			34	75	40	54		0.51
-MEGA10E- 70 ※	3 - 10	35	35	70	35	48	MEC10-□	0.52
- 90			35	90	55	48 - 52		0.67
-MEGA13E- 70 ※	3 - 12	42	42	70	35	50	MEC13-□	0.62
- 90 ※			42	90	55	67		0.81
HSK-A50-MEGA 6E- 75	3 - 6	25	28.5	75	37	37 - 43	MEC 6-□	0.6
-MEGA 8E- 75 ※	3 - 8	30	33	75	40	42	MEC 8-□	0.7
-MEGA10E- 75 ※	3 - 10	35	38	75	40	48	MEC10-□	0.8
-MEGA13E- 75 ※	3 - 12	42	—	75	49	50	MEC13-□	0.9
-100			—	100	74	50 - 55		1.1
HSK-A63-MEGA 6E- 65 ※	3 - 6	25	26.5	65	28	43	MEC 6-□	0.9
- 90			30	90	51	37 - 45		1.0
-105			33	105	66			1.1
-120			36	120	82			1.2
-135			39	135	99			1.4
-MEGA 8E- 67 ※	3 - 8	30	31.5	67	30		45	MEC 8-□
- 90			35	90	52	37 - 45	1.1	
-105			38	105	68	42 - 51	1.2	
-120			40.5	120	83		1.4	
-135			44	135	100		1.6	
-MEGA10E- 75 ※	3 - 10	35	37.5	75	37	48	MEC10-□	1.1
- 90 ※			40	90	53	64		1.2
-105			43	105	69	48 - 58		1.4
-120			46	120	85			1.5
-135			43	135	99			1.7
-MEGA13E- 75 ※	3 - 12	42	44	75	31	49	MEC13-□	1.2
- 90 ※			45	90	46	64		1.4
-105			46	105	61	50 - 57		1.6
-120			47.5	120	77			1.8
-135			47	135	92			1.9

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.
4. ※ marked models cannot be used with Adjusting Screws. H dimension is the max. tool shank length that can be inserted into the holder.

5. Please note that the practical spindle speed may be considerably influenced by the machine rigidity and tool balance.
When using, slowly ramp up to the appropriate speed starting from slow speeds.
6. Coolant pipe is not included. C63

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

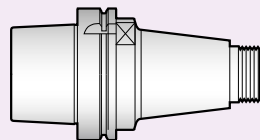
Model	Clamping diameter $\varnothing d$	$\varnothing D$	$\varnothing D_1$	L	L ₁	H	Collet Model	Weight (kg)
HSK-A100-MEGA 6E- 75 ※	3 - 6	25	28	75	33	46	MEC 6-□	2.5
- 90			29.5	90	48	37 - 45		2.6
-105			32.5	105	63			2.7
-120			35	120	78			2.8
-135			37.5	135	93			2.9
-165			43	165	123			3.2
-MEGA 8E- 75 ※	3 - 8	30	33	75	33	46	MEC 8-□	2.5
- 90			34.5	90	48	42 - 51		2.6
-105			37	105	63			2.8
-120			39.5	120	78			2.9
-135			42.5	135	93			3.1
-165			47.5	165	123			3.4
-MEGA 10E- 80 ※	3 - 10	35	37.5	80	38	51	MEC10-□	2.6
- 90			39.5	90	48	61		2.7
-105			42	105	63	48 - 58		2.9
-120			44.5	120	78			3.1
-135			47	135	93			3.3
-165			52.5	165	123			3.7
-MEGA 13E- 90 ※	3 - 12	42	46	90	48	50	MEC13-□	2.9
-105			48.5	105	63	50 - 61		3.1
-120			51.5	120	78			3.3
-135			54	135	93			3.6
-165			59	165	123			4.2

- Nut is included. Adjusting Screw, collet and wrench must be ordered separately.
- Center through coolant supply is available.
- Tool adjustment amount "H" indicates the adjustment length with an Adjusting Screw.
- ※ marked models cannot be used with Adjusting Screws. H dimension is the max. tool shank length that can be inserted into the holder.
- Please note that the practical spindle speed may be considerably influenced by the machine rigidity and tool balance. When using, slowly ramp up to the appropriate speed starting from slow speeds.
- Coolant pipe is not included.  G63

Standard Accessory		Optional Accessories			
MEGA E Nut  For Spares  G13	O-ring  For Spares  G13	Mega Wrench   G26	MEGA E Collet   G13	MEGA E PERFECT SEAL   G15	Adjusting Screw   G14

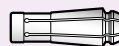
When ordering a **MEGA E PERFECT SEAL**, the "Nut-Less Body" without the standard nut attached is also available.

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



MEGA E CHUCK Model + /NL
(Nut not attached)
HSK-A40-MEGA6E-60/NL

+



MEC Collet
MEC6-3AA

+



MEGA E PERFECT SEAL Model
EPS6-03

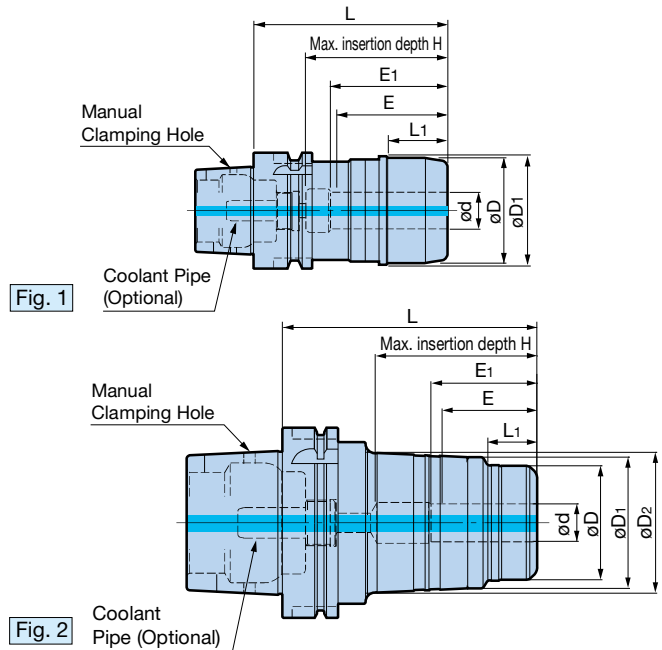
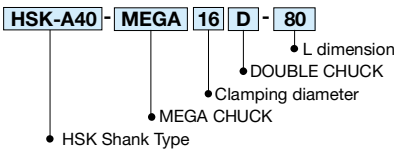
Complete contact with the nut and body.
High rigidity equal to integration with the machine spindle.



[Standard Type]



Model Description



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

Model	Fig.	Clamping diameter ϕd	ϕD	ϕD_1	ϕD_2	L	L ₁	H	Min. clamping length		Mega Wrench	Weight (kg)
									E	E ₁		
HSK-A 40-MEGA16D- 80	1	16	46	—	—	80	25	62	48	50	MGR46L	0.75
HSK-A 50-MEGA16D- 85	1	16	46	—	—	85	25	62	48	50	MGR46L	1.0
-MEGA20D- 85 ※		20	50			86	30	63	50	51	MGR50L	1.1
HSK-A 63-MEGA16D- 80A	2	16	42	53	—	80	25	55	48	55	MGR42L	1.3
- 90A						90		65				1.5
-105A						105		71				1.8
-135A ○						135		71				2.3
-165A ○						165		71				2.8
-MEGA20D- 90A	2	20	50	55	—	90	34	65	50	56	MGR50L	1.6
-105A						105		80				1.5
-120A						120		85				2.1
-135A ○						135		85				2.4
-165A △						165		69 - 79				3.0
-MEGA25D-100A	1	25	62	63	—	100	39	75	56	57	MGR62L	2.0
-135A △						135		66 - 76				2.8
-MEGA32D-105A						105		80				2.2
-135A ○	1	32	70	71	—	135	33	90	60	64	MGR70L	2.9

- Wrench is not included. Please order separately.
- Center through coolant supply is available.
- Models with △ indication can be used with optional axial adjusting screws. Models with ○ indication require the hex socket head screw (M8) for axial adjustment.
Adjusting screws cannot be used with models without the symbols above.
However, please contact us if using for center through applications.

- H dimension is the max. tool shank length that can be inserted into the holder.
△ marked models show the adjustment amount when using an optional axial adjusting screw.
- Please note that the practical spindle speed may be considerably influenced by the machine rigidity and tool balance.
When using, slowly ramp up to the appropriate speed starting from slow speeds.
- When using center through coolant, insert a tool shank into E₁ or more.
- Coolant pipe is not included. **C63**
- ※ marked models are not compatible with some Straight Collets.
Compatibility Table **G23**

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

Model	Fig.	Clamping diameter $\varnothing d$	$\varnothing D$	$\varnothing D_1$	$\varnothing D_2$	L	L ₁	H	Min. clamping length		Mega Wrench Model	Weight (kg)
									E	E ₁		
HSK-A100-MEGA16D-105	2	16	46	55	63	105	23	71	48	50	MGR46L	3.5
-135 ○						135						4.1
-165 ○						165						4.7
-MEGA20D-105	2	20	60	69	74	105	25	73	50	56	MGR60L	4.1
-135 □						135		5.0				
-165 △						165		69 - 79				5.9
-MEGA25D-105 ※	2	25	70	77	85	105	32	73	56	65	MGR70L	4.5
-135 □						135		90				5.6
-165 △						165		76 - 86				6.8
-MEGA32D-115	2	32	80	86	—	115	39	83	60	71	MGR80L	5.0
-135 □						135		103				5.8
-165 □						165		105				7.1
-MEGA42D-115 ※	1	42	99	100	—	115	40	83	70	71	MGR99L	5.5
-135						135		97				6.9

1. Wrench is not included. Please order separately.

2. Center through coolant supply is available.

Models with △ indication can be used with optional axial adjusting screws.

Models with ○ indication require the use of commercially available hex socket head screw (M8) for axial adjustment.

Models with □ indication require the hex socket head screw (M12) for axial adjustment.

However, please contact us if using for center through applications.


Adjusting screws cannot be used with models without the symbols above.

4. H dimension is the max. tool shank length that can be inserted into the holder.


5. Please note that the practical spindle speed may be considerably influenced by the machine rigidity and tool balance.

When using, slowly ramp up to the appropriate speed starting from slow speeds.

6. When using center through coolant, insert a tool shank into E₁ or more.

7. Coolant pipe is not included.  C63

● ※ marked models are not compatible with some Straight Collets.

Compatibility Table  G23

Optional Accessories


Straight Collet



PJC Collet  G19

PSC Collet  G20

OCA Collet  G21

C Collet  G22

Mega Wrench



 G26

Axial Adjusting Screw



 G25

Complete contact with the nut and body.
High rigidity equal to integration with the machine spindle.

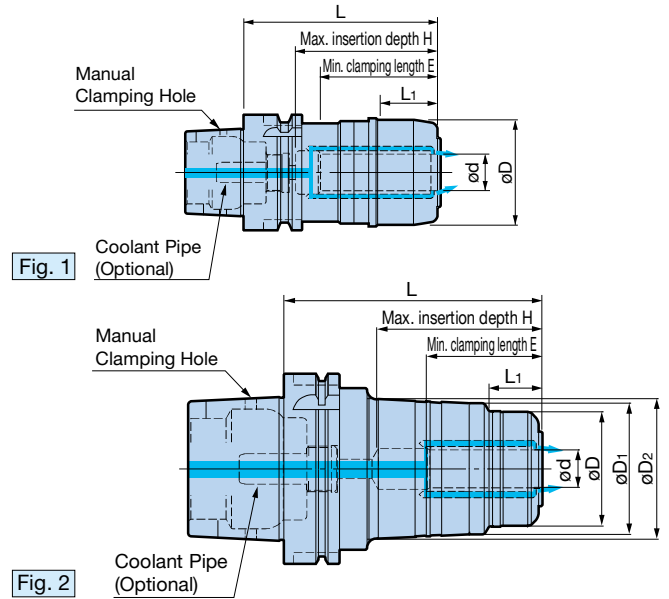
[Jet Through Type]



Model Description

HSK-A40 - **MEGA** **16** **DS** - **80**

- HSK Shank Type
- MEGA CHUCK
- Clamping diameter
- Jet through DOUBLE CHUCK



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

Model	Fig.	Clamping diameter $\varnothing D$	$\varnothing D$	$\varnothing D_1$	$\varnothing D_2$	L	L ₁	H	E	Mega Wrench Model	Weight (kg)
HSK-A 40-MEGA16DS- 80	1	16	46	—	—	82.5	28	64	48	MGR46L	0.75
HSK-A 50-MEGA16DS- 85	1	16	46	—	—	87.5	28	64	48	MGR46L	1.0
-MEGA20DS- 85		20	50	—	—	88.5	33	65	50	MGR50L	1.1
HSK-A 63-MEGA16DS- 80A	2	16	42	53	—	82	27	57	48	MGR42L	1.3
-MEGA20DS- 90A		20	50	55	—	92	36	67	50	MGR50L	1.6
-120A ○						122		87			2.1
-MEGA25DS-100A	1	25	62	—	—	102	41	77	56	MGR62L	2.0
-MEGA32DS-105A		32	70	—	—	107	35	82	60	MGR70L	2.2
HSK-A100-MEGA16DS-105	2	16	46	55	63	107.5	26	73	48	MGR46L	3.5
-135 ○						137.5		75			4.1
-MEGA20DS-105		20	60	69	74	107.5	28	87	50	MGR60L	4.1
-135 □						137.5		71 - 81			5.0
-165 △						167.5					5.9
-MEGA25DS-105		25	70	77	85	107.5	34	75	56	MGR70L	4.5
-135 □						137.5		92			5.6
-165 △						167.5		78 - 88			6.8
-MEGA32DS-115						117.5		85			5.0
-135		32	80	86	—	137.5	42	105	60	MGR80L	5.8
-165 □	167.5					107		7.1			
-MEGA42DS-115 ※	42					85		5.5			
HSK-A125-MEGA20DS-135	2	20	60	69	80	28	87	50	MGR60L	6.7	
-165 △					79		71 - 81			7.6	
-MEGA25DS-135		25	70	77	83	137.5	34	92	56	MGR70L	7.1
-MEGA32DS-135						137.5		92			7.8
-165		32	80	86	93	167.5	42	107	60	MGR80L	9.1
-MEGA42DS-120	42					85		7.9			

- Wrench is not included. Please order separately.
- Center through coolant supply is available.
- Jet-through type provides coolant from the chuck nose, thus tools with oil holes cannot be used.
- Models marked with △ can be used with optional axial adjusting screws. Models marked with ○ require the hex socket head screw (M8) for axial adjustment. Models marked with □ require the hex socket head screw (M12) for axial adjustment. However, please contact us if using for center through applications. **Adjusting screws cannot be used with models without the symbols above.**
- H dimension is the max. tool shank length that can be inserted into the holder. Models marked with △ show the adjustment amount when using an optional axial adjusting screw.
- Please note that the practical spindle speed may be considerably influenced by the machine rigidity and tool balance. When using, slowly ramp up to the appropriate speed starting from slow speeds.

- Coolant pipe is not included. C63
- ※ marked models are not compatible with some Straight Collets. Compatibility Table G23

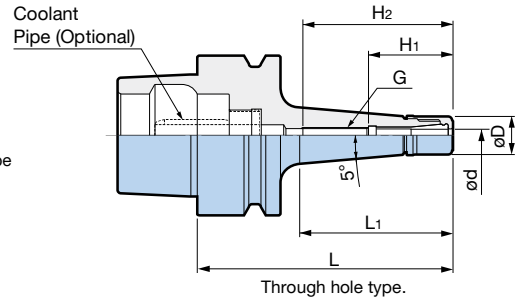
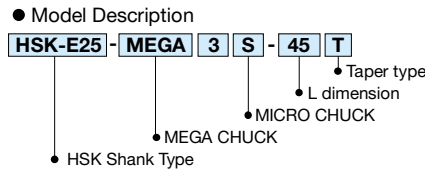
Optional Accessories		
Straight Collet <ul style="list-style-type: none"> PJC Collet G19 PSC Collet G20 C Collet G22 	Mega Wrench G26	Axial Adjusting Screw G25

Ultra-slim design with $\varnothing 10$ nut outer diameter avoids interference.
Enhances precision of micro tool machining.



[High Rigidity Taper Type]

● Models for ultra-small endmilling are newly added!



E Type (DIN 69893-5)

Model	Clamping diameter $\varnothing d$	$\varnothing D$	L	L ₁	H ₁	H ₂	G	Collet Model	Weight (kg)
HSK-E25-MEGA3S- 45T ※	0.45 - 3.25	10	45	32	22	(32)	—	NBC3S-□	0.06
- 60T			60	48		38	M4 P0.7		0.08
-MEGA4S- 45T ※	0.45 - 4.05	12	45	33	26.5	(32)	—	NBC4S-□	0.07
- 60T			60	49		41	M5 P0.8		0.10
-MEGA6S- 45T ※	0.45 - 6.05	14	45	33	28.5	(31)	—	NBC6S-□	0.08
- 60T			60	49		40	M7 P0.75		0.10
HSK-E32-MEGA3S- 60T	0.45 - 3.25	10	60	35	22	38	M4 P0.7	NBC3S-□	0.15
- 75T			75	50		38			0.17
-MEGA4S- 45T ※	0.45 - 4.05	12	45	23	26.5	(26)	—	NBC4S-□	0.14
- 60T			60	35		46	M5 P0.8		0.16
-MEGA6S- 45T ※	0.45 - 6.05	14	45	23	28.5	(28)	—	NBC6S-□	0.14
- 60T			60	36		38	M7 P0.75		0.17
-MEGA8S- 60T ※	2.95 - 8.05	18	60	38	31	(43)	—	NBC8S-□	0.20
HSK-E40-MEGA3S- 60T	0.45 - 3.25	10	60	35	22	39	M4 P0.7	NBC3S-□	0.23
- 75T			75	50		38			0.25
-MEGA4S- 60T	0.45 - 4.05	12	60	35	26.5	44	M5 P0.8	NBC4S-□	0.24
- 75T			75	50		47			0.27
-MEGA6S- 60T ※	0.45 - 6.05	14	60	35	28.5	(42)	—	NBC6S-□	0.24
- 75T			75	50		49	M7 P0.75		0.28
- 90T			90	65		49	0.32		
HSK-E50-MEGA3S- 80T	0.45 - 3.25	10	80	49	22	38	M4 P0.7	NBC3S-□	0.5
-MEGA4S- 80T	0.45 - 4.05	12		48	26.5	47	M5 P0.8	NBC4S-□	0.5
-MEGA6S- 80T	0.45 - 6.05	14		49	28.5	49	M7 P0.75	NBC6S-□	0.5

- Nut is included. Collet and wrench must be ordered separately.
- Weight includes the nut but not the collet.
- Models marked with "※" do not have inner thread. H₂ () dimension is the max. tool shank length that can be inserted into the holder.
- Please note that the practical spindle speed may be considerably influenced by the machine rigidity and tool balance.
When using, slowly ramp up to the appropriate speed starting from slow speeds.
- Coolant pipe is not included. C63
- For machines which cannot be used with a through hole, order a plug separately. C63

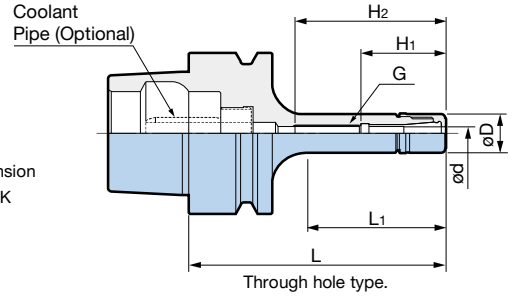


[Straight Type]

- Straight type with less workpiece interference.



● Model Description
HSK-E25 - **MEGA** **4** **S** - **45**
 ● L dimension
 ● MICRO CHUCK
 ● MEGA CHUCK
 ● HSK Shank Type



E Type (DIN 69893-5)

Model	Clamping diameter $\varnothing d$	$\varnothing D$	L	L ₁	H ₁	H ₂	G	Collet Model	Weight (kg)
HSK-E25-MEGA4S-45 ※	0.45 - 4.05	12	45	31	26.5	(32)	—	NBC4S-□	0.06
-60			60	46		42	M5 P0.8		0.08
-MEGA6S-45 ※	0.45 - 6.05	14	45	32	28	(31)	—	NBC6S-□	0.07
-60			60	47		41	M7 P0.75		0.08
HSK-E32-MEGA3S-45 ※	0.45 - 3.25	10	45	23	22	(31)	—	NBC3S-□	0.13
-MEGA4S-45	0.45 - 4.05	12	45	22	26.5	31	M5 P0.8	NBC4S-□	0.14
-60			60	34		46			0.15
-MEGA6S-45 ※	0.45 - 6.05	14	45	22	28.5	(28)	—	NBC6S-□	0.14
-60			60	35		38	M7 P0.75		0.15
HSK-E40-MEGA3S-40 ※	0.45 - 3.25	10	40	19	22	(24)	—	NBC3S-□	0.21
-MEGA4S-60	0.45 - 4.05	12	60	34	26.5	44	M5 P0.8	NBC4S-□	0.23
-MEGA6S-45 ※			45	23		27.5			(27)
-60 ※	60	35	28.5	(42)	—	0.23			
HSK-E50-MEGA3S-50 ※	0.45 - 3.25	10	50	20	22	(30)	—	NBC3S-□	0.5
-MEGA4S-50 ※	0.45 - 4.05	12	50	21	26.5	(30)	—	NBC4S-□	0.5
-80			80	44		47	M5 P0.8		0.5
-MEGA6S-55 ※	0.45 - 6.05	14	55	26	28.5	(35)	—	NBC6S-□	0.5
-80			80	44		49	M7 P0.75		0.5

1. Nut is included. Collet and wrench must be ordered separately.
2. Weight includes the nut but not the collet.
3. Models marked with "※" do not have inner thread. H₂ () dimension is the max. tool shank length that can be inserted into the holder.
4. Please note that the practical spindle speed may be considerably influenced by the machine rigidity and tool balance.
When using, slowly ramp up to the appropriate speed starting from slow speeds.
5. Coolant pipe is not included. C63
6. For machines which cannot be used with a through hole, order a plug separately. C63

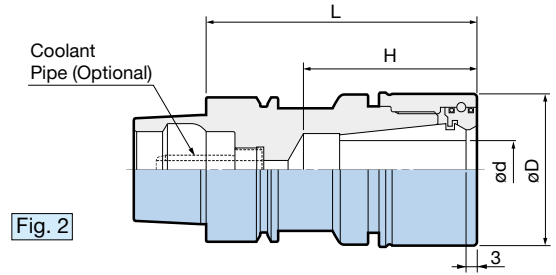
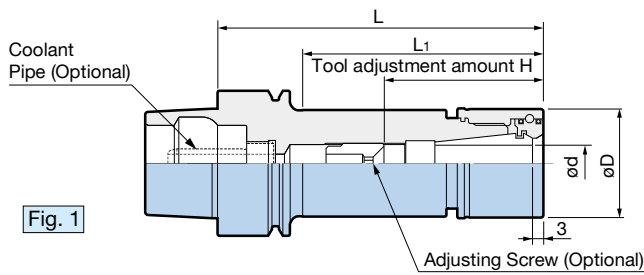
Standard Accessory	Optional Accessories			
MEGA NUT For Spares G3	Mega Wrench G26	Micro Collet G2	Mega Micro Seal Nut (for 6S and 8S) Mega Micro Coolant Nut (for 6S) G3	Collet Case G4

MEGA CHUCK Series

High-speed small-diameter drilling and endmilling are achieved with the exceptional tool balance and high-precision collet chuck system.



- Model Description
HSK-E25 - **MEGA** **6** **N** - **40**
- HSK Shank Type
 - MEGA CHUCK
 - NEW BABY CHUCK
 - Maximum clamping diameter
 - L dimension




E Type (DIN 69893-5)

Model	Fig.	Clamping diameter $\varnothing d$	$\varnothing D$	L	L ₁	H	Collet Model	Weight (kg)
HSK-E25-MEGA 6N- 40 ※	1	0.25 - 6	20	40	29	25	NBC 6-□	0.10
8N- 45 ※	2	0.5 - 8	25	45	—	30	NBC 8-□	0.12
10N- 60 ※▲		1.5 - 10	30	60	—	45	NBC10-□	0.17
HSK-E32-MEGA 6N- 45 ※	1	0.25 - 6	20	45	24	28	NBC 6-□	0.17
- 60				60	37	23 - 27		0.20
-MEGA 8N- 50 ※	1	0.5 - 8	25	50	29	33	NBC 8-□	0.22
- 65				65	44	26 - 32		0.27
-MEGA10N- 65 ※	2	1.5 - 10	30	65	—	47	NBC10-□	0.28
-MEGA13N- 70 ※				70	—	44		NBC13-□
HSK-E40-MEGA 6N- 50 ※	1	0.25 - 6	20	50	26	31	NBC 6-□	0.26
- 60				60	34	23 - 26		0.28
- 75				75	49	23 - 41		0.31
- 90				90	64	23 - 43		0.35
-120				120	94			0.41
-MEGA 8N- 55 ※	1	0.5 - 8	25	55	31	36	NBC 8-□	0.31
- 75				75	51	26 - 41		0.38
- 90				90	66	26 - 45		0.43
-MEGA10N- 60 ※	1	1.5 - 10	30	60	37	40	NBC10-□	0.39
- 75 ※				75	52	55		0.46
- 90				90	67	38 - 48		0.53
-MEGA13N- 65 ※	1	2.5 - 13	35	65	44	44	NBC13-□	0.45
- 75 ※				75	54	55		0.53
- 90				90	69	44 - 48		0.62
-120				120	99	44 - 63		0.80
-150				150	129			1.00
-MEGA16N- 65 ※▲	2	2.5 - 16	42	65	—	46	NBC16-□	0.43
- 75 ※				75	—	48		0.60

1. Nut is included. Adjusting Screw, collet and wrench 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.
4. ※ marked models cannot be used with Adjusting Screws. H dimension is the max. tool shank length that can be inserted into the holder.
5. Models with ▲ indication cannot use a NEW BABY ENDMILL COLLET.
6. Please note that the practical spindle speed may be considerably influenced by the machine rigidity and tool balance.
When using, slowly ramp up to the appropriate speed starting from slow speeds.
7. Coolant pipe is not included. C63
8. For machines which cannot be used with a through hole, order a plug separately. C63

E Type (DIN 69893-5)

Model	Fig.	Clamping diameter \varnothing d	\varnothing D	L	L ₁	H	Collet Model	Weight (kg)
HSK-E50-MEGA 6N- 55 ※	1	0.25 - 6	20	55	27	35	NBC 6-□	0.5
- 70				70	38	23 - 39		0.5
-100				100	64	23 - 43		0.6
-MEGA 8N- 60 ※	1	0.5 - 8	25	60	30	37	NBC 8-□	0.6
- 90				90	56	26 - 45		0.7
-MEGA10N- 60 ※ ▲	1	1.5 - 10	30	60	30	35	NBC10-□	0.6
- 90				90	58	38 - 48		0.7
-MEGA13N- 70 ※	1	2.5 - 13	35	70	40	45	NBC13-□	0.7
- 90				90	60	44 - 47		0.8
-120				120	90	44 - 63		1.0
-150				150	120			1.3
-MEGA16N- 75 ※	1	2.5 - 16	42	75	48	52	NBC16-□	0.9
- 90 ※				90	63	65		1.0
-MEGA20N- 75 ※ ▲	2	2.5 - 20	46	75	—	49	NBC20-□	0.8
-100				100	—	51 - 54		1.1
-130				130	—	51 - 68		1.5

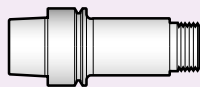
1. Nut is included. Adjusting Screw, collet and wrench must be ordered separately.
2. Weight includes the nut but not the collet.
3. Tool adjustment amount "H" indicates the adjustment length with an Adjusting Screw.
4. ※ marked models cannot be used with Adjusting Screws. H dimension is the max. tool shank length that can be inserted into the holder.
5. Models with ▲ indication cannot use a NEW BABY ENDMILL COLLET.
6. Please note that the practical spindle speed may be considerably influenced by the machine rigidity and tool balance.
When using, slowly ramp up to the appropriate speed starting from slow speeds.
7. Coolant pipe is not included.  C63

Standard Accessory		Optional Accessories				
MEGA NUT  For Spares  G10	O-ring  For Spares  G10	MEGA NUT Flat Type   G10	Mega Wrench   G26	Collet   G5	MEGA PERFECT SEAL   G11	Adjusting Screw   G10

When ordering a **MEGA 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/MEGA PERFECT SEAL separately.

MEGA NEW BABY CHUCK Model + NL
HSK-E50-MEGA 6N-55/NL
 (NL at the end of the model number means nut not attached)



+

NBC Collet
NBC6-3AA



+

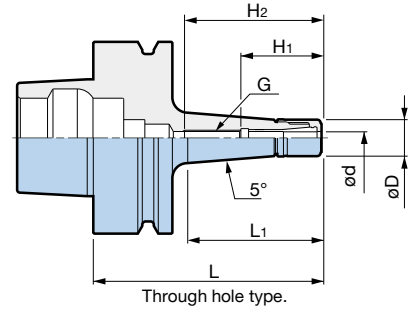
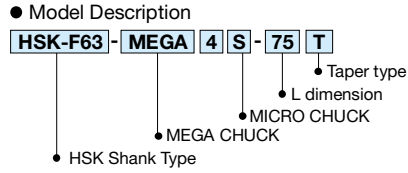
MEGA PERFECT SEAL Model
MPS6-03035
 MEGA NUT Flat Type Model
MGN6F



Ultra-slim design with $\varnothing 10\text{mm}$ nut outer diameter.
High speed collet chuck with minimized interference.

Max.
30,000min⁻¹

[High Rigidity Taper Type]

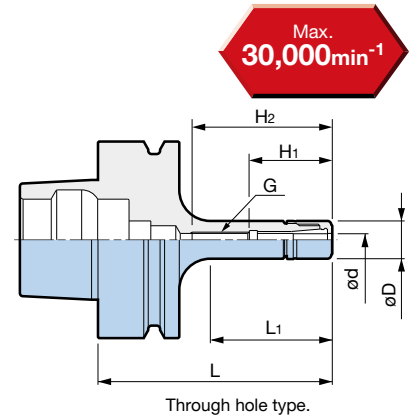
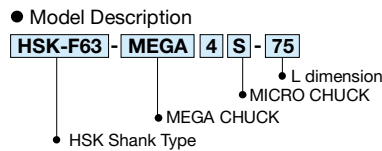


F Type (DIN 69893-6)

Model	Clamping diameter $\varnothing d$	$\varnothing D$	L	L ₁	H ₁	H ₂	G	Collet Model	Weight (kg)
HSK-F63-MEGA4S-75T	0.45 - 4.05	12	75	44	26.5	41	M5 P0.8	NBC4S-□	0.7
-MEGA6S-75T	0.45 - 6.05	14	75	44	28.5	41	M7 P0.75	NBC6S-□	0.7
-MEGA8S-75T	2.95 - 8.05	18	75	44	31	58	M9 P0.75	NBC8S-□	0.7

- Nut is included. Collet and wrench must be ordered separately.
- Please note that the practical spindle speed may be considerably influenced by the machine rigidity and tool balance. When using, slowly ramp up to the appropriate speed starting from slow speeds.
- For machines which cannot be used with a through hole, order a plug separately. **C63**

[Straight Type]



Max.
30,000min⁻¹

F Type (DIN 69893-6)

Model	Clamping diameter $\varnothing d$	$\varnothing D$	L	L ₁	H ₁	H ₂	G	Collet Model	Weight (kg)
HSK-F63-MEGA4S- 75 -105	0.45 - 4.05	12	75	39	26.5	41	M5 P0.8	NBC4S-□	0.7
			105	76		47			0.7
-MEGA6S- 75 - 90 -105	0.45 - 6.05	14	75	46	28.5	41	M7 P0.75	NBC6S-□	0.7
			90	61		49			0.8
			105	76		49			0.8

- Nut is included. Collet and wrench must be ordered separately.
- Please note that the practical spindle speed may be considerably influenced by the machine rigidity and tool balance. When using, slowly ramp up to the appropriate speed starting from slow speeds.
- For machines which cannot be used with a through hole, order a plug separately. **C63**

Standard Accessory	Optional Accessories			
MEGA NUT For Spares G3	Mega Wrench G26	Micro Collet G2	Mega Micro Seal Nut (for 6S and 8S) Mega Micro Coolant Nut (for 6S) G3	Collet Case G4

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

MEGA NEW BABY CHUCK PAT.

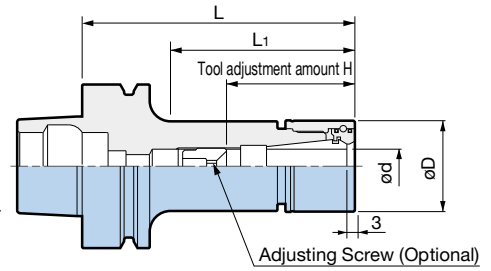
High-speed small-diameter drilling and endmilling are achieved with the exceptional tool balance and high-precision collet chuck system.



● Model Description

HSK-F63 - **MEGA** **6** **N** - **75**

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



F Type (DIN 69893-6)

Model	Clamping diameter $\varnothing d$	$\varnothing D$	L	L ₁	H	Collet Model	Weight (kg)
HSK-F63-MEGA 6N- 75	0.25 - 6	20	75	42	23 - 31	NBC 6-□	0.7
- 90			90	53	23 - 43		0.8
-105			105	69			0.8
-135			135	99			0.9
-MEGA 8N- 75	0.5 - 8	25	75	43	26 - 38	NBC 8-□	0.8
- 90			90	54	26 - 45		0.9
-105			105	69			0.9
-120			120	84			0.9
-135			135	99			1.0
-165			165	129			1.1
-MEGA10N- 75 ※	1.5 - 10	30	75	43	48	NBC10-□	0.9
- 90			90	54	38 - 48		0.9
-105			105	69			1.0
-120			120	84			1.1
-MEGA13N- 75 ※	2.5 - 13	35	75	43	47	NBC13-□	0.9
- 90 ※			90	56	61		1.0
-105			105	71	44 - 53		1.1
-120			120	86	44 - 63		1.2
-165			165	131			1.6
-MEGA16N- 75 ※	2.5 - 16	42	75	43	48	NBC16-□	1.0
- 90 ※			90	58	61		1.2
-105			105	73	48 - 56		1.3
-MEGA20N- 75 ※	2.5 - 20	46	75	45	51	NBC20-□	1.1
- 90 ※			90	60	61		1.3
-105			105	75	51 - 58		1.4

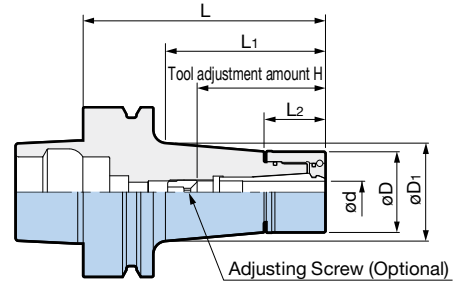
- Nut is included. Adjusting Screw, collet and wrench must be ordered separately.
- Tool adjustment amount "H" indicates the adjustment length with an Adjusting Screw.
- ※ marked models cannot be used with Adjusting Screws. H dimension is the max. tool shank length that can be inserted into the holder.
- Please note that the practical spindle speed may be considerably influenced by the machine rigidity and tool balance.
When using, slowly ramp up to the appropriate speed starting from slow speeds.
- For machines which cannot be used with a through hole, order a plug separately. C63

Standard Accessory		Optional Accessories				
<p>MEGA NUT</p> <p>For Spares </p>	<p>O-ring</p> <p>For Spares </p>	<p>MEGA NUT Flat Type</p> <p></p>	<p>Mega Wrench</p> <p></p>	<p>Collet</p> <p></p>	<p>MEGA PERFECT SEAL</p> <p></p>	<p>Adjusting Screw</p> <p></p>

High precision holder with superior collet chuck technology and the pursuit of high-speed and powerful endmilling.



- Model Description
- HSK-F63** - **MEGA** **6** **E** - **65**
- HSK Shank Type
 - MEGA CHUCK
 - Maximum clamping diameter
 - Abbreviation of "E CHUCK"
 - L dimension



F Type (DIN 69893-6)

Model	Clamping diameter $\varnothing d$	$\varnothing D$	$\varnothing D_1$	L	L ₁	L ₂	H	Collet Model	Weight (kg)
HSK-F63-MEGA 6E- 65 ※ - 90	3 - 6	25	28.5	65	34	21	39	MEC 6-□	0.8
			31.5	90	58		37 - 45		0.9
-MEGA 8E- 65 ※ - 90	3 - 8	30	33	65	34	22.5	41	MEC 8-□	0.8
			36.5	90	59		42 - 47		1.0
-MEGA10E- 75 ※ - 90 ※ -105 -120 -135	3 - 10	35	38.5	75	44	23	48	MEC10-□	1.0
			41.5	90	59		67		1.2
			44	105	75		48 - 58		1.3
			47	120	91				1.6
49	135	107	1.8						
-MEGA13E- 75 ※ - 90 ※ -105 -135	3 - 12	42	46	75	47	25	50	MEC13-□	1.1
			48.5	90	62		64		1.4
			51	105	78		50 - 58		1.6
			52	135	108		50 - 60		2.0

1. Nut is included. Adjusting Screw, collet and wrench must be ordered separately.
2. Tool adjustment amount "H" indicates the adjustment length with an Adjusting Screw.
3. ※ marked models cannot be used with Adjusting Screws. H dimension is the max. tool shank length that can be inserted into the holder.
4. Please note that the practical spindle speed may be considerably influenced by the machine rigidity and tool balance. When using, slowly ramp up to the appropriate speed starting from slow speeds.
5. For machines which cannot be used with a through hole, order a plug separately. C63

Standard Accessory		Optional Accessories			
<p>MEGA E Nut</p> <p>For Spares G13</p>	<p>O-ring</p> <p>For Spares G13</p>	<p>Mega Wrench</p> <p> G26</p>	<p>MEGA E Collet</p> <p> G13</p>	<p>MEGA E PERFECT SEAL</p> <p> G15</p>	<p>Adjusting Screw</p> <p> G14</p>

Clamping diameter: $\phi 16 - \phi 32$

MEGA DOUBLE POWER CHUCK

Complete contact with the nut and body.
High rigidity equal to integration with the machine spindle.



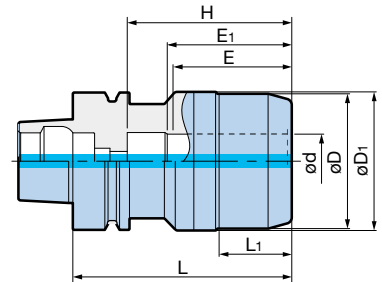
[Standard Type]



● Model Description

HSK-F63 - MEGA 16 D - 80A

- DOUBLE POWER Standard Type
- Clamping diameter
- MEGA CHUCK
- HSK Shank Type



F Type (DIN 69893-6)

Model	Clamping diameter ϕd	ϕD	ϕD_1	L	L ₁	H	Min. clamping length		Mega Wrench	Weight (kg)
							E	E ₁		
HSK-F63-MEGA16D- 80A	16	42	53	80	25	55	48	50	MGR42L	1.2
-MEGA20D- 90A	20	50	55	90	34	65	50	56	MGR50L	1.4
-MEGA25D-100A	25	62	63	100	39	75	56	57	MGR62L	1.8
-MEGA32D-105A	32	70	71	105	33	80	60	64	MGR70L	2.0

1. Wrench is not included. Please order separately.
2. Please note that the practical spindle speed may be considerably influenced by the machine rigidity and tool balance.
When using, slowly ramp up to the appropriate speed starting from slow speeds.
3. H dimension is the max. tool shank length that can be inserted into the holder. **Adjusting screws cannot be used.**
4. For machines which cannot be used with a through hole, order a plug separately. C63
5. When using center through coolant, insert a tool shank into E₁ or more.

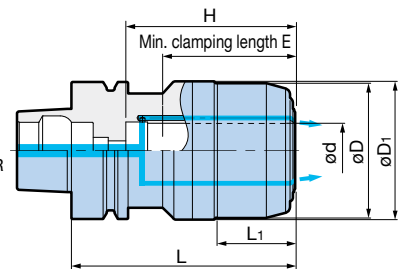
[Jet Through Type] Coolant to tool periphery



● Model Description

HSK-F63 - MEGA 16 DS - 80A



- DOUBLE POWER Jet Through Type
- Clamping diameter
- MEGA CHUCK
- HSK Shank Type



F Type (DIN 69893-6)

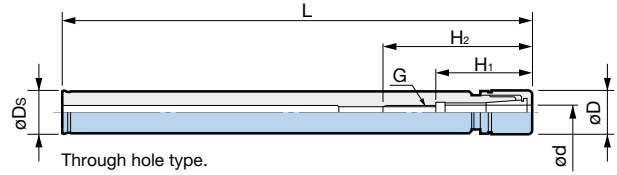
Model	Clamping diameter ϕd	ϕD	ϕD_1	L	L ₁	H	E	Mega Wrench	Weight (kg)
-MEGA20DS- 90A	20	50	55	92	36	67	50	MGR50L	1.4
-MEGA25DS-100A	25	62	63	102	41	77	56	MGR62L	1.8
-MEGA32DS-105A	32	70	71	107	35	82	60	MGR70L	2.0

1. Wrench is not included. Please order separately.
2. Please note that the practical spindle speed may be considerably influenced by the machine rigidity and tool balance.
When using, slowly ramp up to the appropriate speed starting from slow speeds.
3. **Jet-through type provides coolant from the chuck nose, thus tools with oil holes cannot be used.**
4. H dimension is the max. tool shank length that can be inserted into the holder. **Adjusting screws cannot be used.**
5. For machines which cannot be used with a through hole, order a plug separately. C63

Optional Accessories	
<p>Straight Collet</p>  <ul style="list-style-type: none"> PJC Collet G19 PSC Collet G20 OCA Collet G21 C Collet G22 	<p>Mega Wrench</p>  <p> G26</p>

MEGA CHUCK Series

- Achieves high-precision machining in combination with the Mega New Baby Chuck.



● Model Description

ST10 - **MEGA** **3** **S** - **120**

- L dimension
- MICRO CHUCK
- MEGA CHUCK
- Cylindrical shank diameter

Model	Clamping diameter $\varnothing d$	$\varnothing D$	$\varnothing D_s$	L	H ₁	H ₂	G	Collet Model	Weight (kg)
ST10-MEGA3S-120	0.45 - 3.25	10	10	120	22	38	M4 P0.7	NBC3S-□	0.06
ST12-MEGA4S-130 -160	0.45 - 4.05	12	12	130	26.5	47	M5 P0.8	NBC4S-□	0.11
				160					0.13
ST14-MEGA6S-160 -200	0.45 - 6.05	14	14	160	28.5	49	M7 P0.75	NBC6S-□	0.18
				200					0.21
ST16-MEGA8S-160 -200	2.95 - 8.05	18	16	160	31	50.5	M9 P0.75	NBC8S-□	0.23
				200					0.25

1. Nut is included. Collet and wrench must be ordered separately.
2. Weight includes the nut but not the collet.

MEGA CHUCK Series

Cylindrical Shank Set

- With a set box convenient for storage



Set Contents

Model **SST12-MEGA4S-130**

- < $\varnothing 12$ shank type accessories>
- Body/ST12-MEGA4S-130 (with MGN4S nuts)
- Micro Collet/NBC4S-3 and 4 ($\varnothing 3, \varnothing 4$)
- Mega Wrench/MGR12 ● Exclusive set box

Model **SST16-MEGA8S-160**

- < $\varnothing 16$ shank type accessories>
- Body/ST16-MEGA8S-160 (with MGN8S nuts)
- Micro Collet/NBC8S-3, 4, 6 and 8 ($\varnothing 3, \varnothing 4, \varnothing 6, \varnothing 8$)
- Mega Wrench/MGR18 ● Exclusive set box

Model **SST14-MEGA6S-160**

- < $\varnothing 14$ shank type accessories>
- Body/ST14-MEGA6S-160 (with MGN6S nuts)
- Micro Collet/NBC6S-3, 4, 5 and 6 ($\varnothing 3, \varnothing 4, \varnothing 5, \varnothing 6$)
- Mega Wrench/MGR14 ● Exclusive set box

Standard Accessory	Optional Accessories			
<p>MEGA NUT</p> <p>For Spares </p>	<p>Mega Wrench</p> <p></p>	<p>Micro Collet</p> <p></p>	<p>Mega Micro Seal Nut (for 6S and 8S) Mega Micro Coolant Nut (for 6S)</p> <p></p>	<p>Collet Case</p> <p></p>