

MEGA DOUBLE POWER CHUCK

BBT A9
SHANK

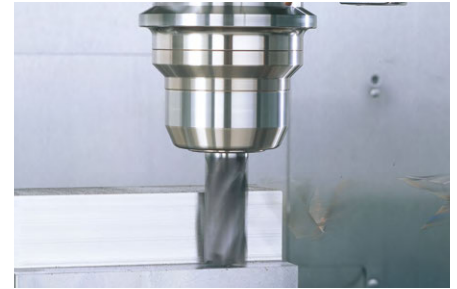
BDV B5
SHANK

HSK C9
SHANK

BIG CAPTO E37
SHANK



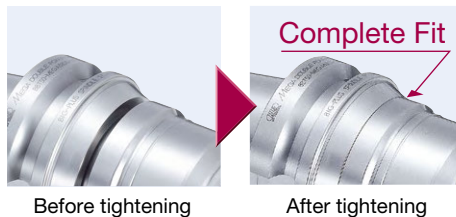
● The evolved Milling Chuck, equal to integration with machine spindle.



Complete fit of nut and body

Tightening the nut achieves dual contact between the body and end surface of the nut.

This superior rigidity assures heavier duty machining without chatter.

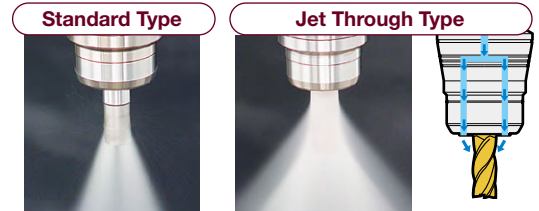


Secure coolant supply

Two types are individually designed for the most effective coolant supply.

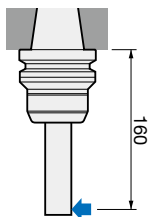
Coolant through tool

Tool periphery

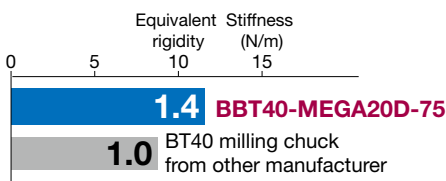


Coolant is ejected from the chuck nose.
Reliable coolant supply to cutting edge periphery.

Rigidity increased by 1.4 times combined with dual contact.

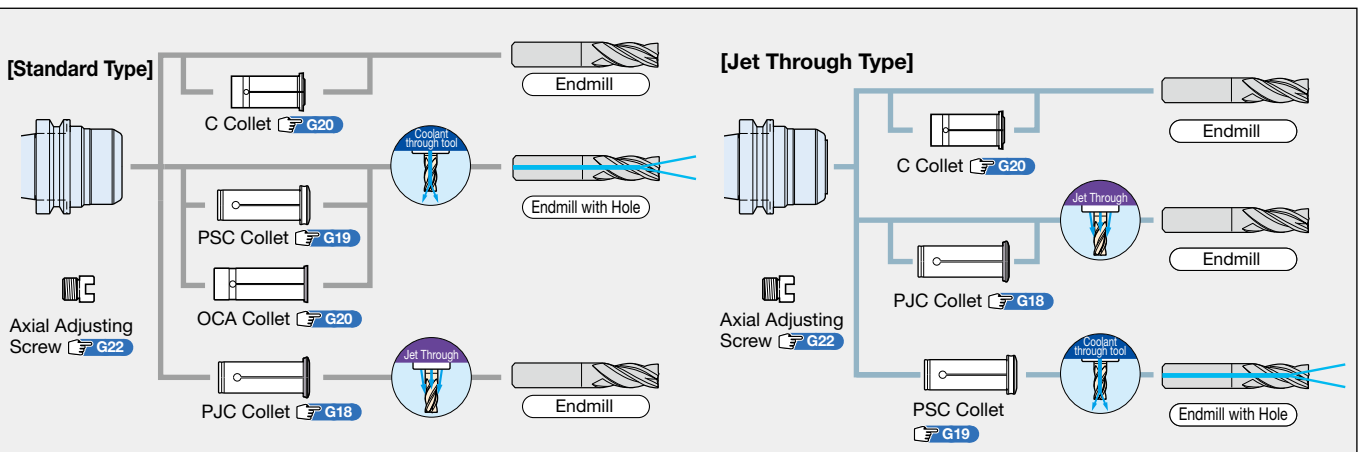


1.4 times higher total rigidity is achieved compared to a competitor's milling chuck.



High Accuracy Straight Collet G18

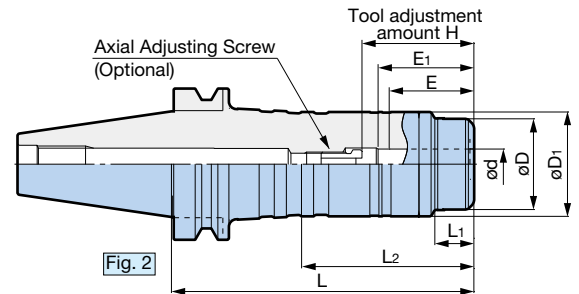
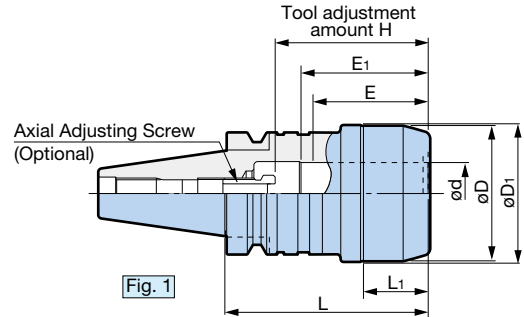
High accuracy straight collet with runout suppressed to a minimum. Select in accordance with the coolant usage.



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

BBT30 - **MEGA** **16** **D** - **60**

- BIG-PLUS BT No.
- MEGA CHUCK
- Clamping diameter
- L dimension
- DOUBLE CHUCK Standard type

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	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	2	20	50	55	75	34	44	69 - 79	50	56	MGR50L	1.6
-105A					105							2.0
-120A					120							2.3
-135A					135							2.6
-165A					165							3.2
-200A					200							4.1
-MEGA25D- 75A	1	25	62	63	75	39	—	73 - 83	56	57	MGR62L	2.0
-105A					105			2.3				
-135A					135			3.0				
-165A					165			3.7				
-200A					200			4.7				
-MEGA32D- 90A	1	32	70	71	90	33	—	71 - 81	60	64	MGR70L	2.1
-105A					105			2.4				
-135A					135			3.1				
-165A					165			3.7				
-200A					200			4.5				

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.
※ H dimension of BBT30-MEGA20D-65 is the max. tool shank length that can be inserted into the holder.

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
-250					250							7.0
-MEGA20D-105					2							20
-135	135	6.0										
-165	165	6.8										
-200	200	7.7										
-250	250	9.1										
-MEGA25D-105	2	25	70	77		105	32	45	76 - 86	56	65	
-135					135	6.5						
-165					165	7.6						
-200					200	8.9						
-250					250	10.8						
-MEGA32D- 90					2	32		80				86
-105	105	5.4										
-135	135	7.0										
-165	165	8.5										
-200	200	9.9										
-250	250	12.1										
-300	300	14.3										
-MEGA42D-105	1	42	99	100			105		40	—	88 - 105	
-135					135	7.8						
-165					165	9.6						
-MEGA50D-120	1	50	105	117	120	47	—	94 - 110	—	75	MGR105L	7.3

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. Tool adjustment amount "H" indicates the adjustment length with an Adjusting Screw.
4. 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



G18

Mega Wrench



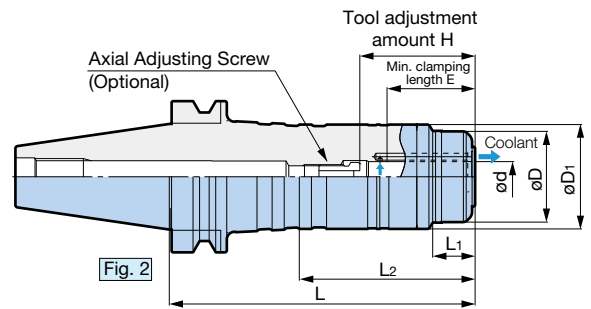
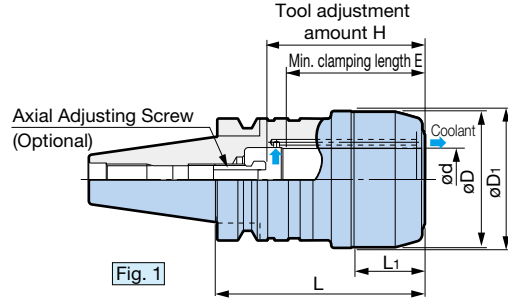
G23

Axial Adjusting Screw



G22

[Jet Through Type]



● Model Description

- BBT30** - **MEGA** **16** **DS** - **60**
- L dimension
 - 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	2	20	50	55	77	36	46	71 - 81	50	MGR50L	1.6
-105A					107						2.0
-120A					122						2.3
-135A					137						2.6
-165A					167						3.2
-200A	202	4.1									
-MEGA25DS- 75A	1	25	62	63	77	41	—	75 - 85	56	MGR62L	2.0
-105A					107			2.3			
-135A					137			3.0			
-165A					167			3.7			
-200A					202			4.7			
-MEGA32DS- 90A	1	32	70	71	92	35	—	73 - 83	60	MGR70L	2.1
-105A					107			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.







- ※ H dimension of BBT30-MEGA20DS-65 is the max. tool shank length that can be inserted into the holder.
- ※ 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				
						116					7.7
						138					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				
						121					8.9
						138					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				
						131					9.9
						171					12.1
						183					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

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. 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   G18	Mega Wrench   G23	Axial Adjusting Screw   G22

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]

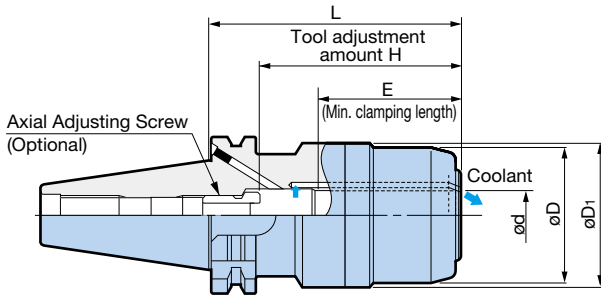


Fig. 1

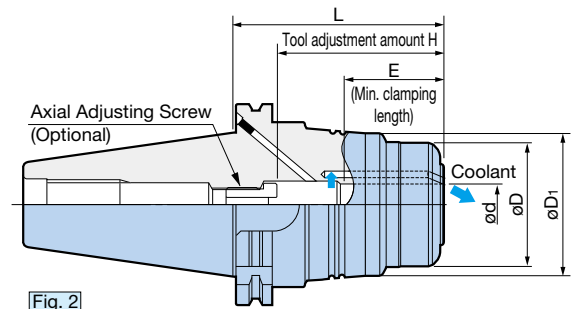


Fig. 2

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 ϕd	ϕD	ϕD_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	50	MGR50L	1.9
-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	50	MGR60L	4.9
-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	

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. Tool adjustment amount "H" indicates the adjustment length with an Adjusting Screw.
4. 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.

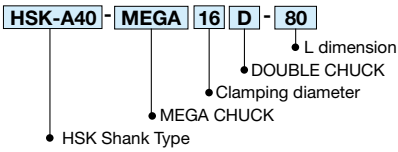
Optional Accessories		
Straight Collet <p>G18</p>	Mega Wrench <p>G23</p>	Axial Adjusting Screw <p>G22</p>

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

[Standard Type]



● Model Description



Center through
For Through Tools

Max. **28,000min⁻¹**

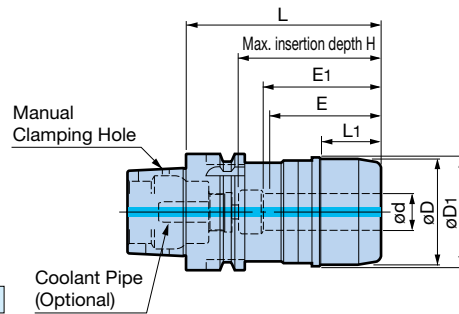


Fig. 1

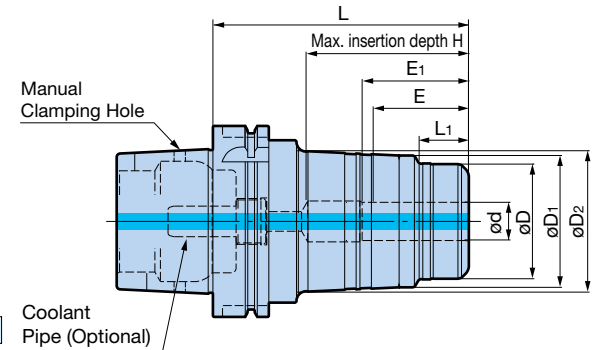


Fig. 2

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


Model	Fig.	Clamping diameter ød	øD	øD ₁	øD 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	—	105	33	80	60	64	MGR70L	2.2
-135A ○						135		90				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.
- The straight collet with which ※ marked models can be used is model C20-□□ only.
- 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. C65

MEGA CHUCK Series

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

Model	Fig.	Clamping diameter $\varnothing d$	$\varnothing D$	$\varnothing D_1$	$\varnothing D_2$	L	L ₁	Max. insertion depth 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 ○						4.1						
-165 ○						4.7						
-MEGA20D-105	2	20	60	69	74	105	25	73	50	56	MGR60L	4.1
-135 □						5.0						
-165 △						5.9						
-MEGA25D-105	2	25	70	77	85	105	32	73	56	65	MGR70L	4.5
-135 □						5.6						
-165 △						6.8						
-MEGA32D-115	2	32	80	86	—	115	39	83	60	71	MGR80L	5.0
-135						5.8						
-165 □						7.1						
-MEGA42D-115	1	42	99	100	—	115	40	83	70	71	MGR99L	5.5
-135						6.9						

- 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 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.
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.
- 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.  C65

Optional Accessories

Straight Collet	Mega Wrench	Axial Adjusting Screw
 	 	 

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

[Jet Through Type]



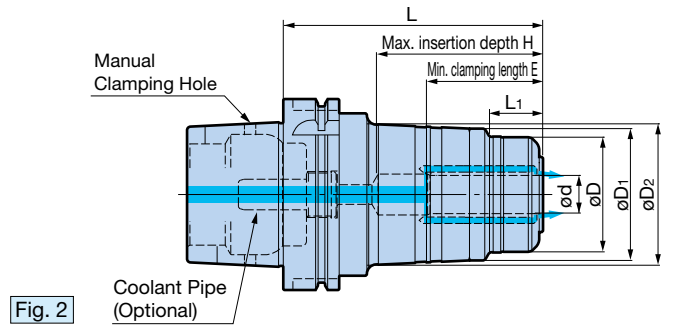
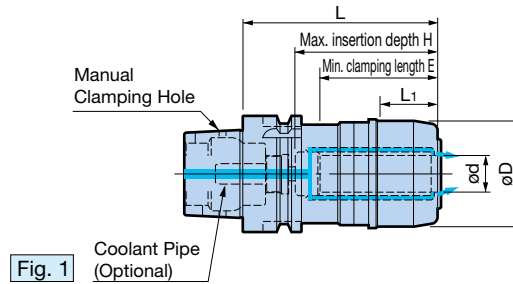
Model Description

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

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

Center through
For Jet Through

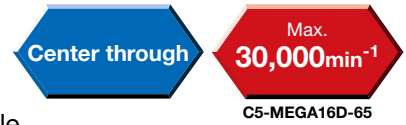
Max.
28,000min⁻¹



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

Model	Fig.	Clamping diameter $\varnothing d$	$\varnothing D$	$\varnothing D_1$	$\varnothing D_2$	L	L ₁	Max. insertion depth H	Min. clamping length 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					4.1
MEGA20DS-105		20	60	69	74	107.5	28	75	50	MGR60L	4.1
-135 ◻						137.5					5.0
-165 △						167.5					5.9
-MEGA25DS-105		25	70	77	85	107.5	34	75	56	MGR70L	4.5
-135 ◻						137.5					5.6
-165 △						167.5					6.8
-MEGA32DS-115		32	80	86	—	117.5	42	85	60	MGR80L	5.0
-135						137.5					5.8
-165 ◻	167.5					7.1					
-MEGA42DS-115	1	42	99	—	—	117	42	85	70	MGR99L	5.5
HSK-A125-MEGA20DS-135	2	20	60	69	80	28	87	50	MGR60L	6.7	
-165 △					79					167.5	7.6
-MEGA25DS-135		25	70	77	83	137.5	34	92	56	MGR70L	7.1
-MEGA32DS-135		32	80	86	93	137.5	42	92	60	MGR80L	7.8
-165						167.5					107
-MEGA42DS-120	42	99	100	100	122		85		MGR99L	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 with △ indication can be used with optional axial adjusting screws. Models with ◯ indication require the hex socket head screw (M8) for axial adjustment. Models with ◻ indication require the hex socket head screw (M12) 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.
- Coolant pipe is not included. C65



Complete contact with the nut and body.

High rigidity holder for large endmills equal to integration with the machine spindle.

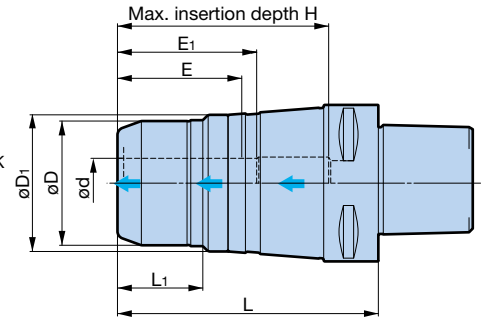
[Standard Type] For Coolant Through Tool



● Model Description

C4 - **MEGA** **16** **D** - **70**

- DOUBLE POWER CHUCK Standard Type
- Clamping diameter
- MEGA CHUCK
- Shank No.



C4/C5/C6/C8

Model	Clamping diameter ϕd	ϕD	ϕD_1	L	L ₁	Max. insertion depth H	Min. clamping length		Mega Wrench Model	Weight (kg)
							E	E ₁		
C4 -MEGA16D- 70	16	46	47	70	—	64	48	50	MGR46L	0.8
-MEGA20D- 65 ※	20	50	51	65	—	59	50	51	MGR50L	0.8
C5 -MEGA16D- 65A	16	42	53	65	25	58	48	55	MGR42L	0.8
- 90A				90		71				1.3
-MEGA20D- 75A	20	50	55	75	34	68	50	56	MGR50L	1.1
- 90A				90		83				1.4
-MEGA25D- 75A ※	25	62	63	75	39	68	56	57	MGR62L	1.4
- 90A				90		83				1.7
C6 -MEGA16D- 70A	16	42	53	70	25	61	48	55	MGR42L	1.6
- 90A				90		81				2.0
-105A ○				105		71				2.3
-135A ○				135		71				2.9
-MEGA20D- 75A	20	50	55	75	34	66	50	56	MGR50L	1.9
- 90A				90		81				2.1
-105A				105		85				2.4
-135A △				135		69 - 79				3.0
-MEGA25D- 75A ※	25	62	63	75	39	66	56	57	MGR62L	2.1
- 90A				90		81				2.4
-105A				105		85				2.8
-135A △				135		71 - 81				3.3
-MEGA32D- 90A	32	70	71	90	33	81	60	64	MGR70L	2.5
-105A				105		90				2.9
-135A △				135		79 - 89				3.4
C8 -MEGA16D- 70	16	46	55	70	23.5	71	48	50	MGR46L	2.8
-105 ○				105		71				3.5
-MEGA20D- 75	20	60	69	75	25.5	75	50	56	MGR60L	3.3
-105				105		85				4.2
-135 △				135		69 - 79				5.0
-MEGA25D- 75	25	70	77	75	32	75	56	65	MGR70L	3.4
-105				105		90				4.5
-165 △				165		76 - 86				6.4
-MEGA32D- 90	32	80	86	90	39.5	90	60	71	MGR80L	4.3
-105				105		100				4.8
-135				135		105				6.0

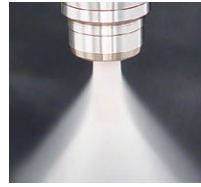
- Wrench must be ordered separately.
- Center through coolant supply is available.
- The straight collets ※ with which marked models can be used are models C20, C25 and OCA20-□□ only.
- Models with △ indication can be used with optional axial adjusting screws. Models with ○ indication require the hex socket head screw (M8) 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. △ marked models show the adjustment amount when using an optional axial adjusting screw.
- When using center through coolant, insert a tool shank into E₁ or more.

Optional Accessories

<p>STRAIGHT COLLET</p>  <p>G18</p>	<p>Mega Wrench</p>  <p>G23</p>	<p>Axial Adjusting Screw</p>  <p>G22</p>
---	---	---

Clamping diameter: $\varnothing 16 - \varnothing 32$ **MEGA DOUBLE POWER CHUCK**

[Jet Through Type] For Jet Through



● Model Description

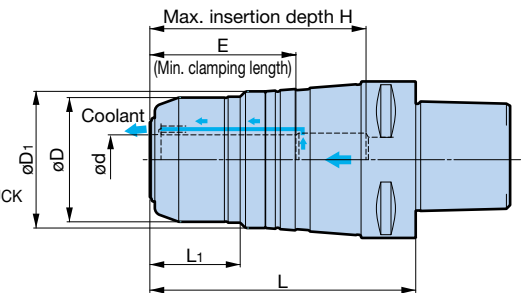
C4 - MEGA 16 DS - 70

● DOUBLE POWER CHUCK
Jet Through Type

● Clamping diameter

● MEGA CHUCK

● Shank No.

**C4/C5/C6/C8**

Model	Clamping diameter $\varnothing d$	$\varnothing D$	$\varnothing D_1$	L	L_1	Max. insertion depth H	Min. clamping length E	Mega Wrench Model	Weight (kg)
C4 -MEGA16DS- 70	16	46	47	72.5	—	66	48	MGR46L	0.8
-MEGA20DS- 65	20	50	51	67.5	—	61	50	MGR50L	0.8
C5 -MEGA16DS- 65A	16	42	53	67	27	60	48	MGR42L	0.8
- 90A				92		73			1.3
-MEGA20DS- 75A	20	50	55	77	36	70	50	MGR50L	1.1
- 90A				92		85			1.4
-MEGA25DS- 75A	25	62	63	77	41	70	56	MGR62L	1.4
- 90A				92		85			1.7
C6 -MEGA16DS- 70A	16	42	53	72	27	63	48	MGR42L	1.6
- 90A				92		83			2.0
-105A○				107		73			2.3
-135A○				137		73			2.9
-MEGA20DS- 75A	20	50	55	77	36	68	50	MGR50L	1.9
- 90A				92		83			2.1
-105A				107		87			2.4
-135A△				137		71 - 81			3.0
-MEGA25DS- 75A※	25	62	63	77	41	68	56	MGR62L	2.1
- 90A				92		83			2.4
-105A				107		87			2.8
-135A△				137		73 - 83			3.3
-MEGA32DS- 90A	32	70	71	92	35	83	60	MGR70L	2.5
-105A				107		92			2.9
-135A△				137		81 - 91			3.4
C8 -MEGA16DS- 70	16	46	55	72.5	26	73	48	MGR46L	2.8
-105○				107.5					3.6
-135○				137.5					4.1
-MEGA20DS- 75	20	60	69	77.5	28	77	50	MGR60L	3.3
-135△				137.5		5.0			
-165△				167.5		5.9			
-MEGA25DS- 75	25	70	77	77.5	34	77	56	MGR70L	3.4
-135△				137.5		5.4			
-165△				167.5		6.4			
-MEGA32DS- 90	32	80	86	92.5	42	92	60	MGR80L	4.3
-105				107.5		4.8			
-135				137.5		6.0			
-165△				167.5		7.3			

- Wrench must be ordered separately.
- Jet-through type provides coolant from the chuck nose, thus tools with oil holes cannot be used.**
- The straight collet ※ with which marked models can be used is model C25-□□ only.
- Models with △ indication can be used with optional axial adjusting screws.
Models with ○ indication require the hex socket head screw (M8) 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.
△ marked models show the adjustment amount when using an optional axial adjusting screw.

E

BIG CAPTO SHANK