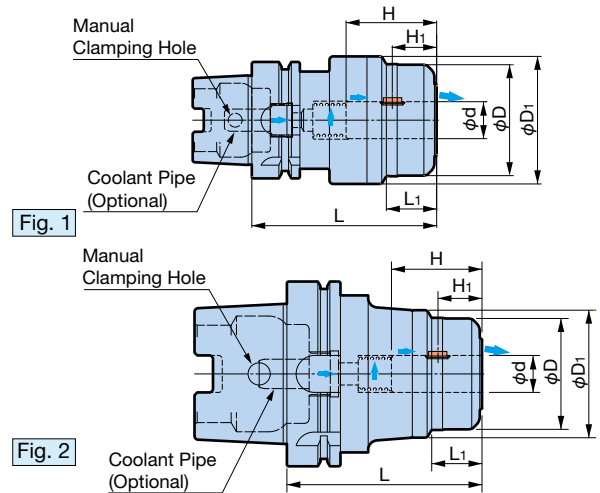


A holder equipped with tool Non-Pullout mechanism.
The unique Key Grip locking mechanism prevents the tool from slipping or pulling out during heavy machining.

Center through



Flood Jet-Through Coolant



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

Model	Fig.	ϕd	ϕD	ϕD_1	L	L_1	H	H_1	Mega Wrench	Weight (kg)
HSK-A 63-MEGA16DPG- 90	1	16	46	55	90	24	47	23	MGR46L	1.6
-MEGA20DPG-100		20	60	69	100	27	49	24	MGR60L	2.2
HSK-A100-MEGA20DPG-105	2	20	60	69	105	27	49	24	MGR60L	4.1
-MEGA25DPG-105		25	70	77		33	55	23	MGR70L	4.5
-MEGA32DPG-115		32	80	86		41	59	23	MGR80L	5.0
HSK-A125-MEGA16DPG-135	2	16	46	55	135	24	47	23	MGR46L	5.9
-MEGA20DPG-135		20	60	69		27	49	24	MGR60L	6.7
-MEGA25DPG-135		25	70	77		33	55	23	MGR70L	7.3
-MEGA32DPG-135		32	80	86		41	59	23	MGR80L	7.8

- Key Grip and Spring are included.
- Wrench is not included. Please order separately.
- H_1 is the dimension from the center of the Key Grip to the front end of the chuck.
- Coolant pipe is not included. C63
- Key Grips are consumable products. Do not use a damaged Key Grip.
- For coolant through tools, a seal bushing (optional) is required instead of a spring. Please contact us for details.

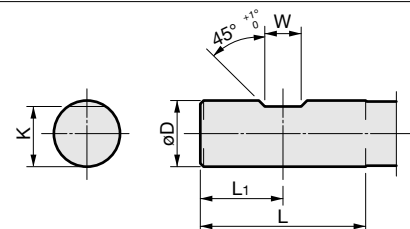
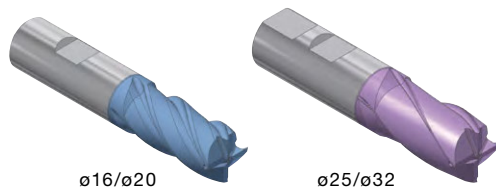
Standard ACCESSORIES

Chuck Size	Key Grip 2 pcs	Spring
$\phi 16$	PKG16-2P	PSP1519
$\phi 20$	PKG20-2P	PSP1823
$\phi 25$	PKG25-2P	PSP2420
$\phi 32$	PKG32-2P	PSP3128

1. Key Grips are sold as 2-piece sets.

Cylindrical Shank with Flat Section JIS B 4005 (ISO3338-2)

The following standard shank is required for MEGA Perfect GRIP.



CAUTION

In case you are adding your own flat, the tool projection length in the MEGA Perfect GRIP will be decided by the flat position. Refer to H_1 in the MEGA Perfect GRIP chart, decide the flat position to add, and then cut the cutter at L_1 on cutter shank.

ϕD	Nominal	Tolerance	L	L_1	W		K	
					Nominal	Tolerance	Nominal	Tolerance
16	16	0 -0.011	48	24	10	$+0.2$ 0	14.2	0 -0.4
20	20	0 -0.013	50	25	11		18.2	
25	25	0 -0.013	56	32	12		23	
32	32	0 -0.016	60	36	14		30	

- JIS Standards require sizes $\phi 25$ or higher to be double-flat types. The MEGA Perfect GRIP does not use a rear flat surface, but is capable of clamping double flat shanks.
- JIS B4005 has the same dimensions as International Standard ISO3338-2 and German Standard DIN1835-1.