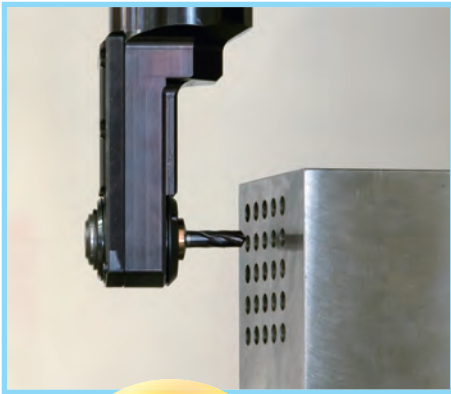


ANGLE HEAD HALF

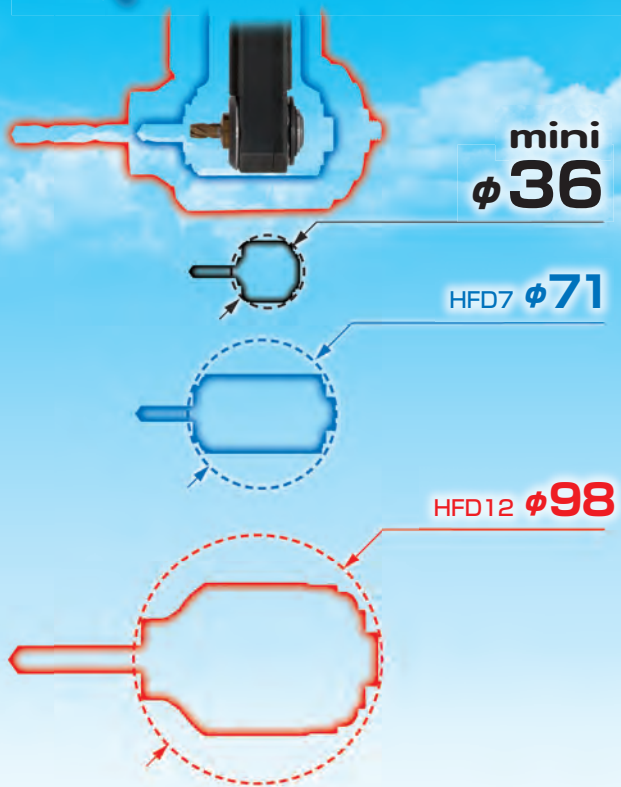


PAT.P

mini

NEW

Extra compact head
[mini] new release



5000min⁻¹



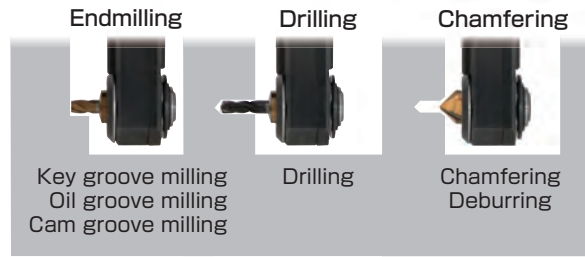
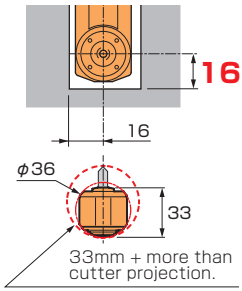
MST corporation



1109E

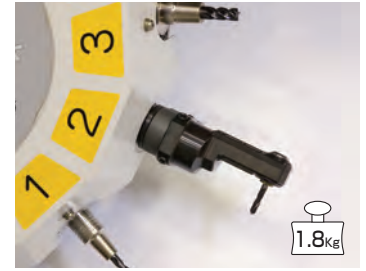
Ultra compact

The optimum angle head for milling, drilling and chamfering applications at narrow area and internal bore.



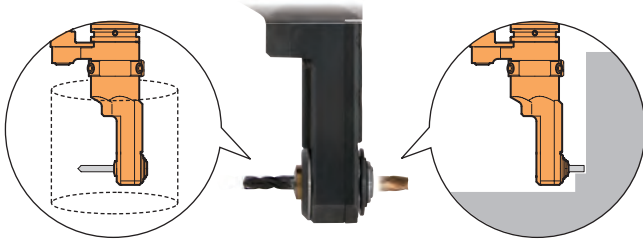
Lightweight

A.T.C is available on a small machining center.



Dual cutter mounting directions

Shrink-fit collet can mount in inward and outward.



It allows maximum tool holder diameter limitation when using a long cutting tool.

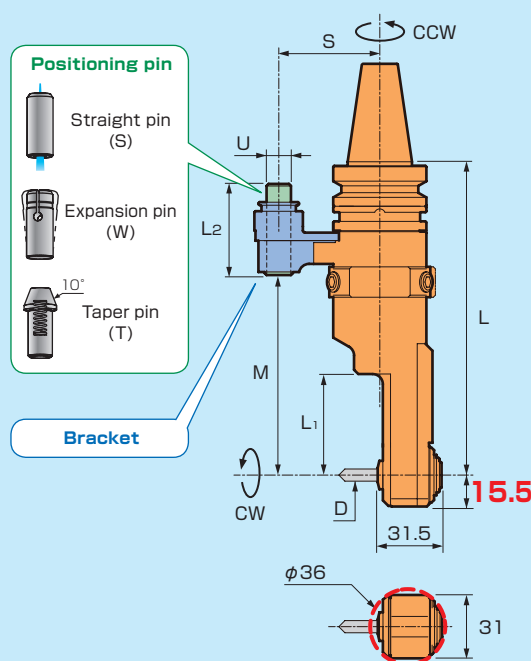
Minimal interference with face of workpiece.

Cutting data

Shape, Dimensions	S50C		A7075
	S50C		A7075
Workmaterial	S50C		A7075
A	1.0		1.5
Cutter	φ6 Carbide drill		φ6 Carbide endmill 2 flute
Cutting conditions	N	5000 min ⁻¹	3500 min ⁻¹
	F	94 m	66m
	V	250 mm/min	210 mm/min
	f	0.05 mm/rev	0.03 mm/t
		N 5000 min ⁻¹	N 5000 min ⁻¹
		F 94m	F 94m
		V 300 mm/min	V 300 mm/min
		fz 0.03 mm/t	fz 0.03 mm/t

ANGLE HEAD HALF mini master holder

CODE (Master holder)	φD	L	L ₁	M	Kg	Gear ratio
BT30-HFCS6-155	Drillg·Endmill φ3, 4, 6	155	50	100	1.8	Main spindle : Angle shaft 1 : 0.88
BT40-HFCS6-160		160		110	2.8	
-205		205	95	155	3.0	
BT50-HFCS6-175	Tapping M4, 5, 6	175	50	110	5.6	
-220		220	95	155	5.8	



- Option: Shrink-fit collet
- Standard: Fixing spanner, Hexagonal wrench set accessories

Ordering example

Choose a positioning pin type and S dimension according to the positioning block on the machine spindle

BT30-HFCS6-155 - S 60
CODE (Master holder) Positioning pin Dimension type

Positioning pin

CODE	Positioning pin	φU	L ₂
HP-45B	S	12	45
-E50B	S	18	50

BT40

CODE	Positioning pin	φU	L ₂
HP-50B	S	18	50
-50A	W		
-50C	T	20	

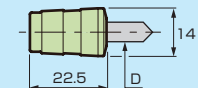
BT50

CODE	Positioning pin	φU	L ₂
HP-62B	S	18	62
-62B-20		20	
-62A	W	18	
-62A-20		20	
-62C	T	28	

SHRINK-FIT COLLET

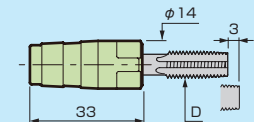
For drilling • endmilling

CODE	φD	Holding length
FCS6-3	3	11~13
-4	4	
-6	6	12~13



For tapping

CODE	φD	Holding length
FCS6-M4	M4	16
-M5	M5	
-M6	M6	



• A shrink-fit heating device is required to insert and remove cutting tools. Please contact MST.



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