MBATC

ADJUSTABLE TOE CLAMPS

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Body	Clamping Jaw	Cam Screw
S17C Steel Carburized-hardened Black oxide finished HRC40~45	S17C Steel Carburized-hardened brass plated HRC40~45 Gold	SCM440 steel Quenched & tempered Black oxide finished HRC38~45

L2

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MBATC 08A, 12A



MBATC 16A

Part Number	т	S	L1	L	W	н	L2	Lз	d	dı	H1
MBATC08A	6.4	1.2	1.5	54.9	19.1	15.8	21	13.5	8.4	13.4	6.6
MBATC12A	9.5	2	2.4	85.6	28.5	15.8	42.7	12.7	13	19.8	6.9
MBATC16A	12.7	2.5	2.3	96.5	38.1	41.2	46.3	-	17	24.8	21.6

Part Number	W 1	Clamping Force(N)	Allowable Screw Torque(N⋅m)	Weight (g)
MBATC08A	7	8,900	28	100
MBATC12A	8	17,000	88	225
MBATC16A	12	26,000	135	920

Furnished Parts:

- MBATC16A: 1 of Washer for M16 screws
- MBATC12A: 1 of Washer for M12 screws

Features:

- The slotted hole design is perfect for use on machine tables with tapped holes.
- The jaw provides downward force to prevent part lift.
- The clamping jaw has both a smooth surface for machined workpieces and a serrated clamping surface for rougher workpieces.
- The cam screw provides fast and strong clamping.
- The tapered slotted hole prevent the clamp body from slippage.

Notes:

- · Clockwise rotation is recommended.
- · Locating stop should be on the right of workpiece.



(Installation Instructions)



1. Tighten the cam screw fully and then loosen it one turn and then position the clamp in place as the diagram on the left.

2. Push the clamp toward the workpiece to fix the clamp body.

3. Tighten the cam screw and clamp the workpiece.