

# SQUARING TOOL | TSM-1501M (1/8" - 1" Tube) 3.175mm - 25.4mm

## OD MOUNT / ELECTRIC

Our new micro facing machine was designed to face 1/8" to 1" tubing. We also offer two collets: our standard collets for facing micro fitting or short tubing from .20" long and our extended collets for 1" and above.

This new machine will let you face quickly and squarely every time. You will also find this machine has an unobstructed view of the tool bit and tubing. Stainless collets will not damage your electro-polish tubing. Our feed indicator will give you precise lengths every time.

We offer this machine in both 110V and 230V motors. Our variable speed motor is standard, or you can up-grade to our Metabo motor with constant speed control that will keep the RPM constant under load. This speed control will help give you longer life with your tools bits. We also offer battery powered motors with long lasting batteries to keep your tool working.

## PERFORMANCE

- Size range 1/8" to 1" (3.175 mm - 25.4 mm)
- Standard 110V variable speed motor
- Portable or mountable for high volume production
- Easy replacement of collets and size ranges
- 9 lbs. approximate working weight
- Adjustable measure indicator for accurate facing 0.015" or longer
- Large view port for easy bit replacement
- Faces most metals and plastics, including high nickel and carbon steel materials
- Tool bit designed to keep chip out of polished ID

## TOOL BITS

(Tool bits can be requested with TIN or Laser coating)

Part Number	Description
TB-0202 *	Extended reach standard style
TB-0202-LC	Extended reach laser coated
TB-1506	For use on 316 or 304 stainless steel
TB-1506-LC *	Laser coated for abrasion resistance
TB-1506-TIN	Tin coated for superior heat resistance
TB-5000	For soft and gummy stainless steel tubing
TB-0204	Heavy duty for larger wall thicknesses
TB-1510	Double sided tool insert (carbide)
TSM-AD-1500	Tool bit adapter/holder for inserts

\* Tool bits that are included in machine kit.



## PART NUMBERS / ORDER INFO:

TSM-1501M Machine Kit Includes: Machine, Tool Bits (2), Tooling, Manual and Case	
TSM-1501M Kit with Variable 110v Motor	P/N: TSM-1501M-10
TSM-1501M Kit with Variable 230v Motor	P/N: TSM-1501M-10-230
TSM-1501M Kit with Variable Battery Powered Motor	P/N: TSM-1501M-10-BP
TSM-1501M Kit with Variable Battery Powered Motor (230v)	P/N: TSM-1501M-10-BP-230
Metabo motor up-grade (variable speed with feedback)	P/N: TSM-1015

## COLLETS FOR THE TSM-1501M

(Please note: some millimeter sizes are also equivalent to standard US standards)

Standard		Extended	
Part Number	Description (Inches / mm)	Part Number	Description (Inches / mm)
M1-001	1/8" TUBE COLLET	M2-030	1/8" TUBE COLLET
M1-002	1/4" TUBE COLLET	M2-031	1/4" TUBE COLLET
M1-003	3/8" TUBE COLLET	M2-032	3/8" TUBE COLLET
M1-004	1/2" TUBE COLLET	M2-033	1/2" TUBE COLLET
M1-005	5/8" TUBE COLLET	M2-034	5/8" TUBE COLLET
M1-006	3/4" TUBE COLLET	M2-035	3/4" TUBE COLLET
M1-008	7/8" TUBE COLLET	M2-038	7/8" TUBE COLLET
M1-007	1" TUBE COLLET / 25.4mm	M2-036	1" TUBE COLLET / 25.4mm

  

Part Number	Description (Millimeters)	Part Number	Description (Millimeters)
M1-011	6mm TUBE COLLET	M2-039	6mm TUBE COLLET
M1-013	8mm TUBE COLLET	M2-040	8mm TUBE COLLET
M1-014	10mm TUBE COLLET	M2-041	10mm TUBE COLLET
M1-015	12mm TUBE COLLET	M2-042	12mm TUBE COLLET
M1-017	14mm TUBE COLLET	M2-043	14mm TUBE COLLET
M1-018	15mm TUBE COLLET	M2-044	15mm TUBE COLLET
M1-019	18mm TUBE COLLET	M2-045	18mm TUBE COLLET
M1-020	22mm TUBE COLLET	M2-046	22mm TUBE COLLET

Looking for a special size collet? Contact our sales department for pricing and delivery time.

Tool Bits are designed to keep chips out of polished ID Tubing. Our laser coated tool bits will give twice the life of standard bits. Note: We recommend using Extended Collets if tubing is longer than 2".

For TSM-1501M accessories, please visit our website or contact our sales department for further assistance.