

## Deburring Tool Head

Patented

### for Inside (ID) & Outside (OD) Diameter

- Rigid, one piece construction - made from HSS (M2) grade material
- Quick reversal of tool for deburring of ID & OD
- Two Flute tools in 3 sizes with 60° & 90° included angle cover range from : 5/8" to 2 7/16" (16 to 62 mm) of ID / Holes and 5/8" to 2 9/32" (16 to 58 mm) of OD
- Single Flute tool with 60° & 90° included angle cover range from : 5/32" to 1 13/16" (4 to 46 mm) of ID / Holes and 5/32" to 1 21/32" (4 to 42 mm) of OD
- The tools can be used :
  - Manually with hand held holder / handle OR
  - Manually with power driven tool OR
  - With Machine tool



CP GRAT-EX  
ID  
+  
OD  
Deburring Tool Head



## Deburring Tool Head for Inside (ID) & Outside (OD) Diameter

Product Name	Product Code	No. of Flutes	Included Angle	Deburring Range for Outside Diameter	Deburring Range for Inside Diameter for Holes	Picture
IDOD 16316	16316-2F	Two	60°	16 to 31 mm (5/8" to 1 1/4")	16 to 35 mm (5/8" to 1 3/8")	
IDOD 16319	16319-2F	Two	90°	16 to 31 mm (5/8" to 1 1/4")	16 to 35 mm (5/8" to 1 3/8")	
IDOD 22426	22426-2F	Two	60°	22 to 42 mm (7/8" to 1 21/32")	22 to 46 mm (7/8" to 1 13/16")	
IDOD 22429	22429-2F	Two	90°	22 to 42 mm (7/8" to 1 21/32")	22 to 46 mm (7/8" to 1 13/16")	
IDOD 40586	40586-2F	Two	60°	40 to 58 mm (1 9/16" to 2 9/32")	40 to 62 mm (1 9/16" to 2 7/16")	
IDOD 40589	40589-2F	Two	90°	40 to 58 mm (1 9/16" to 2 9/32")	40 to 62 mm (1 9/16" to 2 7/16")	
IDOD 34260	34260-1F	One	60°	4 to 42 mm (5/32" to 1 21/32")	4 to 42 mm (5/32" to 1 21/32")	
IDOD 34290	34290-1F	One	90°	4 to 42 mm (5/32" to 1 21/32")	4 to 42 mm (5/32" to 1 21/32")	
IDOD 34265	34265	34260-1F Tool with Holder Assembly for use with driver				
IDOD 34295	34295	34290-1F Tool with Holder Assembly for use with driver				
Ratchet Handle 46030	46030	Ratchet Handle with Auto lock 1/4" Hex bit holder				
Non-Slip Holder 60010	60010	Non-Slip Holder with 1/4" Hex bit for use with Machines				
1/4" Hex Bit Holder 60020	60020	1/4" Hex Bit Holder for use with 2 Flute IDOD Tools.				
Auto-Lock for 1/4" Hex Bits 60040	60040	Auto-Lock for 1/4" Hex Bits				

All above tools are also available with FUTURA (TiAIN) coating for long life & Steel application.



### IDOD 60 Kit (16586)

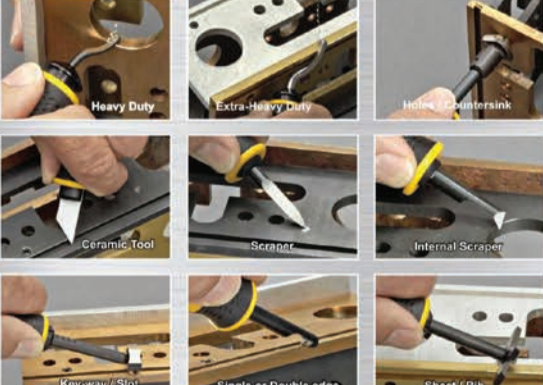
- includes :  
1 pc. Each of IDOD 16316, 22426, 40586, Ratchet Handle, Non-Slip Holder, Auto Lock for 1/4" Hex Bits & 3 pcs. of 1/4" Hex Bit Holders



### IDOD 90 Kit (16589)

- includes :  
1 pc. Each of IDOD 16319, 22429, 40589, Ratchet Handle, Non-Slip Holder, Auto Lock for 1/4" Hex Bits & 3 pcs. of 1/4" Hex Bit Holders

## CP GRAT-EX Deburring Tools - Applications



MR-10 on SE Edge of Steel from Cutting Edge 3



MC-101 on Small Hole of Steel from Cutting Edge 2



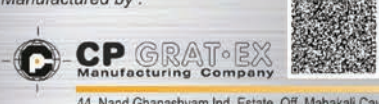
MC-20 on Brass Hole from Cutting Edge 2



MC-10 on St. Edge of Cu. from Cutting Edge 2



Manufactured by :



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