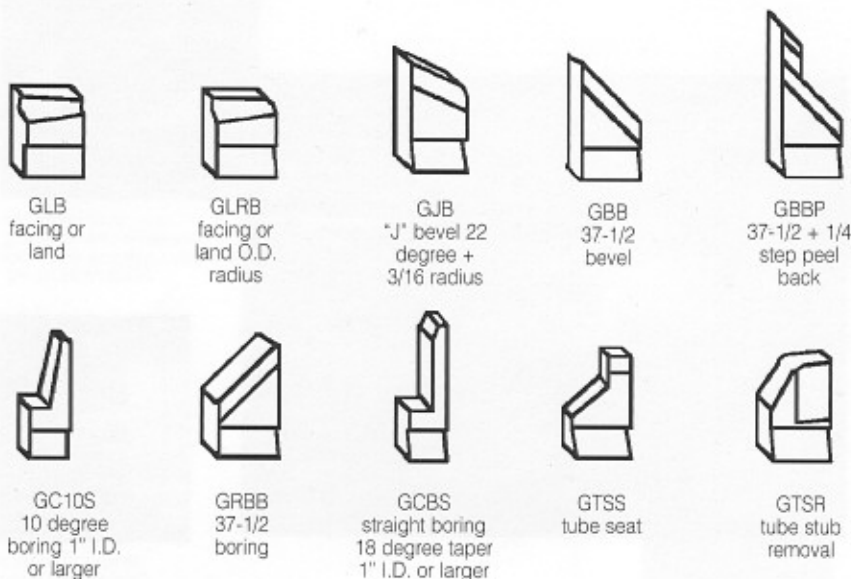
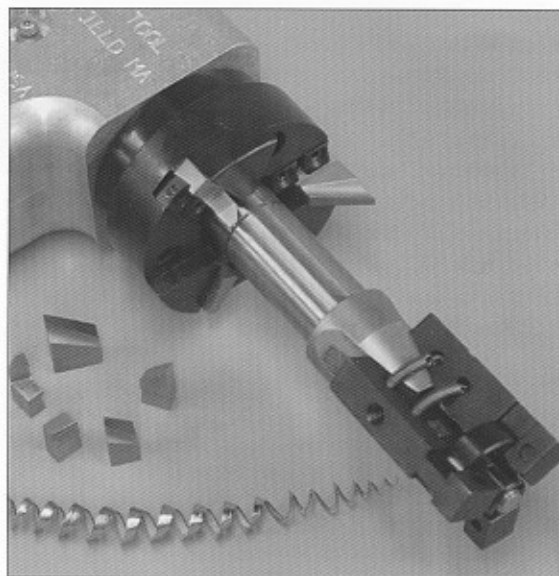




Cutter Blades for the “Ground” and “Tube Weasel”

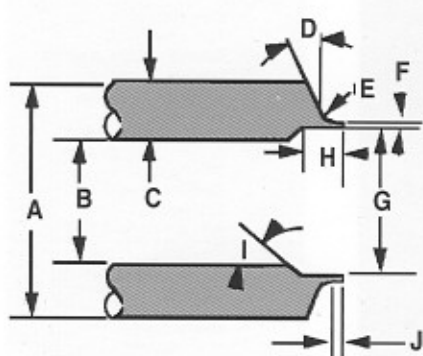


Titanium Nitride Coated (TiN) Cutter Blades for the entire MILLHOG® family of End Prep Tools produce a Thick Chip without cutting oils



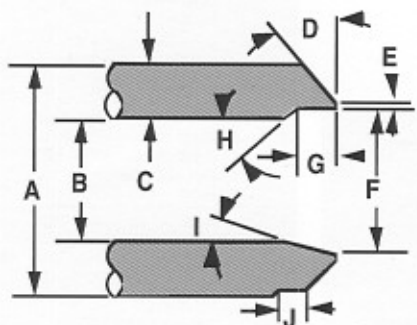
Custom blades made to your specifications. Please fill in appropriate information below and fax to 508.359.4145 for a quotation.

Specifications for “J” Prep Custom Blades



	Standard	Your Spec.
A Tube O.D.	—	
B Tube I. D.	—	
C Wall thickness	—	
D Bevel Angle	22°	
E Radius	3/16	
F Land or Face	—	
G Bore Dia.	—	
H Bore Depth	3/8	
I Bore Taper	18°	
J Nose (Straight)	—	
K Tapered bore angle instead of straight bore	10°	

Specifications for “V” Prep Custom Blades

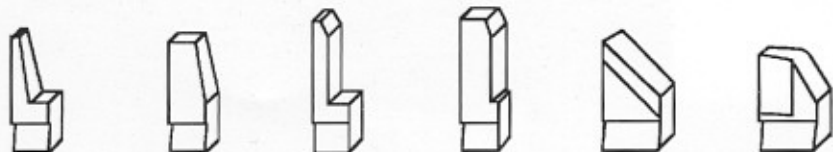


	Standard	Your Spec.
A Tube O.D.	—	
B Tube I. D.	—	
C Wall thickness	—	
D Bevel Angle	37-1/2°	
E Land or Face	—	
F Bore Dia.	—	
G Depth of Bore	3/8	
H Taper Angle	18°	
I Bore Angle	10°	
J Peel Back	1/4”	

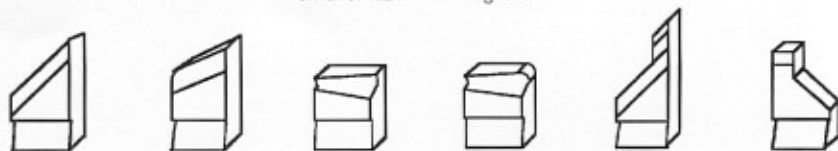
For “Ground” & “Tube Weasel” MILLHOG®

Part No.	Description
GBB-1	3/8” 37-1/2 degree bevel blade TiN
GBB-2	5/8” 37-1/2 degree bevel blade TiN
GBB-3	3/8” 30 degree bevel blade TiN
GBB-4	5/8” 30 degree bevel blade TiN
GBB-6	5/8” 45 degree bevel blade TiN
GBB-2HL	5/8” 37-1/2 degree bevel blade Hard Lube
GBBP-1	5/8” 37-1/2 degree bevel blade w/1/4” peel back TiN
GCB-1	3/8” counter bore blade TiN
GCB-2	5/8” counter bore blade TiN
GCB10S-1	3/8” 10 degree boring blade TiN
GCB10S-2	5/8” 10 degree boring blade TiN
GCBS-1	3/8” straight bore with 18 degree taper
GCBS-2	5/8” straight bore with 18 degree taper
GJB-1	3/8” “J” Bevel 22 degree + 3/16” radius
GJB-2	5/8” “J” Bevel 22 degree + 3/16” radius
GLB-1	3/8” land blade TiN
GLB-2	5/8” land blade TiN
GLRB-1	3/8” facing blade w O.D. radius TiN
GLRB-2	5/8” facing blade w O.D. radius TiN
GRBB-1	3/8” 37-1/2 degree boring blade
GRBB-2	5/8” 37-1/2 degree boring blade
GRS-1	3/8” blade sharpening TiN
GRS-2	5/8” blade sharpening TiN
GTSR-1	3/8” tube stub removal blade TiN
GTSR-2	5/8” tube stub removal blade TiN
GTSS-1	3/8” tube seat blade
GTSS-2	5/8” tube seat blade

Cutter Blades for the "Wart", "Mini", "Prepzilla", "Commander", and "Dictator"



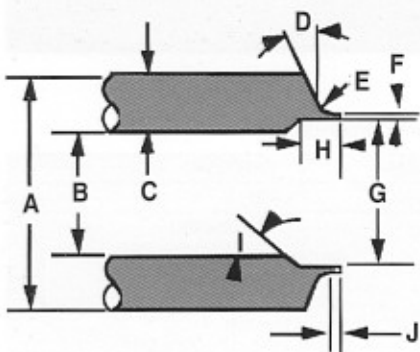
- MCB10S-1**
10 degree boring 1-3/4 or smaller I.D.
- MCB10L-1**
10 degree boring 1-3/4 or larger I.D.
- MCBSS-1**
straight boring 18 degree taper 1-3/4 or smaller I.D.
- MCBSL-1**
straight boring 18 degree taper 1-3/4 or larger I.D.
- MRBB**
37-1/2 boring
- MTSR**
tube stub removal



- MBB**
37-1/2 bevel
- MJB**
"J" bevel 22 degree + 3/16 radius
- MLB**
facing or land
- MLRB**
facing or land O.D. radius
- MBBP**
37-1/2 + 1/4 step peel back
- MTSS**
tube seat

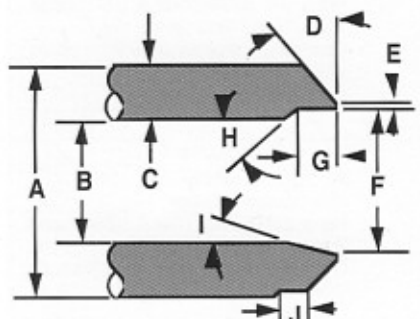
Custom blades made to your specifications. Please fill in appropriate information below and fax to 508.359.4145 for a quotation.

Specifications for "J" Prep Custom Blades

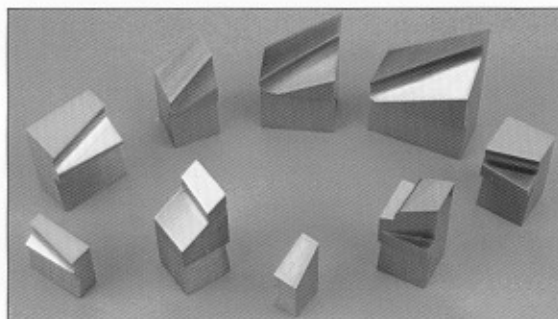


	Standard	Your Spec.
A	Tube O.D.	—
B	Tube I. D.	—
C	Wall thickness	—
D	Bevel Angle	22°
E	Radius	3/16
F	Land or Face	—
G	Bore Dia.	—
H	Bore Depth	3/8
I	Bore Taper	18°
J	Nose (Straight)	—
K	Tapered bore angle instead of straight bore	10°

Specifications for "V" Prep Custom Blades



	Standard	Your Spec.
A	Tube O.D.	—
B	Tube I. D.	—
C	Wall thickness	—
D	Bevel Angle	37-1/2°
E	Land or Face	—
F	Bore Dia.	—
G	Depth of Bore	3/8
H	Taper Angle	18°
I	Bore Angle	10°
J	Peel Back	1/4"



An endless range of standard and custom cutter blades are offered with Titanium Nitride (TiN) coating. For tubes with weld overlay, try our new "Hard Lube" coated cutter blades which provide superior heat resistance and more end preps per blade.

For "Wart", "Mini", "Prepzilla", "Commander" & "Dictator" MILLHOG®

Part No.	Description
MBB-1	1/2" 37-1/2 degree bevel blade TiN
MBB-2	3/4" 37-1/2 degree bevel blade TiN
MBB-2HL	3/4" 37-1/2 degree bevel blade Hard Lube
MBB-3	1" 37-1/2 degree bevel blade TiN
MBB-4	1-1/4" 37-1/2 degree bevel blade TiN
MBB-4A	1/2" 45 degree bevel blade TiN
MBB-5	1-1/4" 37-1/2 x 10 degree bevel blade
MBB-5A	3/4" 45 degree bevel blade
MBB-6	1-1/4" 10 degree bevel blade
MBB-6A	1" 45 degree bevel blade
MBB-7	1/2" 30 degree bevel blade
MBB-7S-2	3/4" 75 degree 2" long bevel blade
MBB-8	3/4" 30 degree bevel blade
MBB-9	1" 30 degree bevel blade
MBBP-1	1/2" 37-1/2 degree w/1/4" peel back
MBBP-2	3/4" 37-1/2 degree w/1/4" peel back
MBBP-3	1" 37-1/2 degree w/1/4" peel back
MCB-1	1/2" counter bore blade TiN (per specification)
MCB-2	3/4" counter bore blade TiN (per specification)
MCB-3	1" counter bore blade TiN (per specification)
MCB10L-1	1/2" 10 degree boring >1-3/4" I.D. TiN
MCB10L-2	3/4" 10 degree boring >1-3/4" I.D. TiN
MCB10L-3	1" 10 degree boring >1-3/4" I.D. TiN
MCB10S-1	1/2" 10 degree boring <1-3/4" I.D. TiN
MCB10S-2	3/4" 10 degree boring <1-3/4" I.D. TiN
MCB10S-3	1" 10 degree boring <1-3/4" I.D. TiN
MCBSL-1	1/2" wide 3/8" straight bore 18 degree taper >1-3/4" I.D. TiN
MCBSL-2	3/4" wide 3/8" straight bore 18 degree taper >1-3/4" I.D. TiN
MCBSL-3	1" wide 3/8" straight bore 18 degree taper >1-3/4" I.D. TiN
MCBSS-1	1/2" wide 3/8" straight bore 18 degree taper <1-3/4" I.D. TiN
MCBSS-2	3/4" wide 3/8" straight bore 18 degree taper <1-3/4" I.D. TiN
MCBSS-3	1" wide 3/8" straight bore 18 degree taper <1-3/4" I.D. TiN
MJB-1	1/2" "J" bevel 22 degree + 3-1/16" radius TiN
MJB-2	3/4" "J" bevel 22 degree + 3-1/16" radius TiN
MJB-3	1" "J" bevel 22 degree + 3-1/16" radius TiN
MLB-1	1/2" land blade TiN
MLB-2	3/4" land blade TiN
MLB-3	1" land blade TiN
MLRB-1	1/2" facing blade w/ O.D. radius TiN
MLRB-2	3/4" facing blade w/ O.D. radius TiN
MLRB-3	1" facing blade w/ O.D. radius TiN
MRB-1	5/16" square insert
MRBB-1	1/2" 37-1/2 degree boring blade TiN
MRBB-2	3/4" 37-1/2 degree boring blade TiN
MRBB-3	1" 37-1/2 degree boring blade TiN
MRS-1	1/2" blade sharpening TiN
MRS-2	3/4" blade sharpening TiN
MRS-3	1" blade sharpening TiN
MTSR-1	1/2" tube stub removal blade TiN
MTSR-2	3/4" tube stub removal blade TiN
MTSR-3	1" tube stub removal blade TiN
MTSS-1	1/2" tube seat blade TiN
MTSS-2	3/4" tube seat blade TiN
MTSS-3	1" tube seat blade TiN