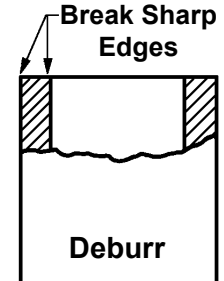


Caution: holding of tubing by hand is not recommended.

The cutting teeth are designed to give a shearing cut. They'll curl the fine chips away from the cutter to avoid loading. The inside member produces a chamfer of 30° angle with C/L and the outside member 45°. The tube end deburring cutters are intended for light deburring only, and will quickly deburr tubes of mostly any machinable material. They are available in high speed steel and carbide for the tougher and harder materials. The tooth arrangement on these cutters has been adopted to cover the widest possible range of the most commonly encountered materials. Any special material found not to be responsive to our Tube End Deburring Cutters should be given special consideration by our engineers. Simple guides such as V-blocks correctly positioned are recommended. The Ring or outside member is adjustable for more or less relative chamfer on the outside edge, and is secured after adjustment by socket screws. Operating speeds range from 50 to 200 R.P.M. depending on the size of the cutter, material and work condition. For heavier deburring, see the Tube End Chamfering Mills listed on page 94. Holding of parts by hand is not recommended.

TUBE END DEBURRING CUTTERS					
TUBING O.D.	TUBING I.D.	HOLE DIA	SHANK DIA	H.S.S. PART#	CARBIDE PART#
1/8"	1/16"	.093"	1/4"	A-TUBE	A-TUBE-W
3/16"	1/8"	.156"	1/4"	BA-TUBE	BA-TUBE-W
1/4"	3/16"	.218"	1/4"	CB-TUBE	CB-TUBE-W
5/16"	1/4"	.281"	5/16"	DC-TUBE	DC-TUBE-W
3/8"	5/16"	.343"	3/8"	ED-TUBE	ED-TUBE-W
7/16"	3/8"	.406"	7/16"	FE-TUBE	FE-TUBE-W
1/2"	7/16"	.468"	1/2"	GF-TUBE	GF-TUBE-W
9/16"	1/2"	.531"	1/2"	HG-TUBE	HG-TUBE-W
5/8"	9/16"	.595"	1/2"	IH-TUBE	IH-TUBE-W
3/4"	5/8"	.685"	1/2"	JI-TUBE	JI-TUBE-W
7/8"	3/4"	.805"	1/2"	KJ-TUBE	KJ-TUBE-W
1"	7/8"	.930"	1/2"	LK-TUBE	LK-TUBE-W



TUBE END DEBURRING CUTTER Heads				
TUBING O.D.	TUBING I.D.	HOLE DIA	I.D. THREAD	H.S.S. PART#
1-1/8"	1"	1.063"	1/2"-20	ML-TUBE
1-1/4"	1-1/8"	1.180"	1/2"-20	NM-TUBE
1-3/8"	1-1/4"	1.313"	1/2"-20	ON-TUBE
1-1/2"	1-3/8"	1.430"	5/8"-18	PO-TUBE
1-3/4"	1-5/8"	1.680"	5/8"-18	RQ-TUBE
2"	1-3/4"	1.930"	3/4"-16	SR-TUBE
2-1/4"	2"	2.180"	3/4"-16	TS-TUBE

Tools are furnished without shanks. See page 100 for available shank styles and sizes