











SOUARE END

1000 SERIES

4 FLUTE SQUARE END							
EDP #	DIA	SHANK	LOC	OAL	RADIUS		
1001	1/8	1/8	1/2	1-1/2	NO		
1003	3/16	3/16	5/8	2	NO		
1006	1/4	1/4	3/4	2-1/2	NO		
1009	5/16	5/16	13/16	2-1/2	NO		
1012	3/8	3/8	1	2-1/2	NO		
1015	7/16	7/16	1	2-3/4	NO		
1018	1/2	1/2	1	3	NO		
1020	1/2	1/2	1-1/4	3	NO		
1021	9/16	9/16	1-1/4	3-1/2	NO		
1024	5/8	5/8	1-1/4	3-1/2	NO		
1030	3/4	3/4	1-1/2	4	NO		
1033	1	1	1-1/2	4	NO		

VARIABLE HELIX CARBIDE ROUGHING / FINISHING END MILLS

- ✓ ADVANCED CHIPBREAKER TECHNOLOGY FOR A TRUE ROUGHER / FINISHER GIVING A SMOOTH STRAIGHT WALL FINISH
- ✓ FOR FASTER, EASIER, AND MORE PRODUCTIVE CNC MACHINING WHEN COMMON ORDINARY END MILLS 'JUST CAN'T CUT IT".

✓ FOR MAXIMUM SPEEDS, FEEDS, SURFACE FINISHES, AND TOOL LIFE. FOR BETTER MACHINING OF HARD EXOTIC METALS INCLUDING TITANIUM ALLOYS, INCONELS, ALLOY STEELS, AND STAINLESS STEELS.

CONSIDER THESE ADVANTAGES:

BEAST

- ✓ 100% CNC PRECISION GROUND WITH OFFSET HV SERIES GEOMETRY PRODUCING SUPERIOR CUTTING EDGE STRENGTH AND DURABILITY.
- FREE CUTTING GEOMETRY REDUCES CUTTING FORCE AND SIDE LOAD FOR MAXIMUM TRANSVERSE RUPTURE STRENGTH AND LESS TOOL DEFLECTION.
- AVAILABLE WITH ALTIN AND OTHER HIGH PERFORMANCE COATINGS
- ✓ COMPLETE CNC REGRINDING SERVICE RESTORES TOOLS TO ORIGINAL GEOMETRIES
- ✓ AVAILABLE 4 AND 3 FLUTES OR WITH RADIUS FOR STRONGER CORNERS

THESE END MILLS HAVE CONSISTENTLY OUTPERFORMED ALL OTHERS IN TESTING AND EVALUATIONS CONDUCTED BY MAJOR AEROSPACE AUTOMOTIVE AND MEDICAL EQUIPMENT MANUFACTURERS IN THE WORLD.



SPECIAL SIZES LENGTHS AND RADII AVAILABLE UPON REQUEST

RADIUS END

CR1300 SERIES

3 FLUTE RADIUS END						
EDP #	DIA	SHANK	LOC	OAL	RADIUS	
CR1301	1/8	1/8	1/2	1-1/2	.015	
CR1303	3/16	3/16	5/8	2	.020	
CR1306	1/4	1/4	3/4	2-1/2	.020	
CR1309	5/16	5/16	13/16	2-1/2	.020	
CR1312	3/8	3/8	1	2-1/2	.025	
CR1318	1/2	1/2	1	3	.030	
CR1324	5/8	5/8	1-1/4	3-1/2	.060	
CR1330	3/4	3/4	1-1/2	4	.060	





RADIUS END

4 FLUTE RADIUS END							
EDP #	DIA	SHANK	LOC	OAL	RADIUS		
CR1001	1/8	1/8	1/2	1-1/2	.015		
CR1003	3/16	3/16	5/8	2	.020		
CR1006	1/4	1/4	3/4	2-1/2	.020		
CR1009	5/16	5/16	13/16	2-1/2	.020		
CR1012	3/8	3/8	1	2-1/2	.020		
CR1018	1/2	1/2	1	3	.030		
CR1020	1/2	1/2	1-1/4	3	.030		
CR1024	5/8	5/8	1-1/4	3-1/2	.035		
CR1030	3/4	3/4	1-1/2	4	.040		



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