ENDMILLS, ROUGHING SOLID CARBIDE

Uncoated* Single End Square with **4 Flutes**

Diameter	Flute Length	Overall Length	Uncoated Part# 4-Flute
1/8"	3/8"	1-1/2"	EMRC-1/8
3/16"	5/8"	2"	EMRC-3/16
1/4"	3/4"	2-1/2"	EMRC-1/4
1/4"	1-1/8"	3"	EMRC-1/4-3L
1/4"	1-1/2"	4"	EMRC-1/4-4L
5/16"	3/4"	2-1/2"	EMRC-5/16
5/16"	1-1/4"	3"	EMRC-5/16-3L
5/16"	1-5/8"	4"	EMRC-5/16-4L
3/8"	1"	2-1/2"	EMRC-3/8
3/8"	1-1/4"	3"	EMRC-3/8-3L
3/8"	1-3/4"	4"	EMRC-3/8-4L
7/16"	1"	3"	EMRC-7/16
7/16"	2"	4"	EMRC-7/16-4L
1/2"	1-1/4"	3"	EMRC-1/2
1/2"	2"	4"	EMRC-1/2-4L
1/2"	3"	6"	EMRC-1/2-6L
5/8"	1-1/4"	3-1/2"	EMRC-5/8
5/8"	2-1/4"	5"	EMRC-5/8-5L
5/8"	3"	6"	EMRC-5/8-6L
3/4"	1-1/2"	4"	EMRC-3/4
3/4"	2-1/4"	5"	EMRC-3/4-5L
3/4"	3"	6"	EMRC-3/4-6L
1"	1-1/2"	4"	EMRC-1
1"	2-1/4"	5"	EMRC-1-5L
1"	3"	6"	EMRC-1-6L

*For coated endmills add designation shown below to the end of the part numbers to the left

-TICN - High abrasion resistance, lower friction and 80% harder than TIN coating but with a lower temperature threshold. Can provide 2 to 4 times the tool life over TIN.

-ALTIN - Has the highest temperature resistance while maintaining a high degree of surface hardness. Best choice for dry machining. A good choice for titanium & stainless alloys, inconel, and cast iron.

HIGH PERFORMANCE SOLID CARBIDE ENDMILLS- SHOWN ON NEXT PAGE

Unique high performance 4 flute finishing variable-indexed accelarator carbide end mills cut stainless steel and other tough alloys at high metal removal rates. Special tool geometrics offer reduced vibration, greater strength, tool life and feeds & speeds.

- Variable indexed flute to flute; Reduces vibrations allowing increased feeds & speeds.
- Eccentric-radial O.D. relieved; Increases tool strength allowing greater feeds & speeds.
- Hard coated for heavy fast metal removal rates can be used dry.
- Shank O.D. coolant groove-each flute; to maximize cooling and chip evacuation velocity.
- Eccentric O.D. primary relief.
- 35° Helix/Rhc-Rhs
- Std with corner radius
- Flute diameter + .000-.002
- Shank diameter - .0001-.0004