



**Roughing End Mills**  
**4 Flute, 30 Degree Helix, Center Cutting**  
**Solid Carbide End Mills**

**4 Flute - Roughing**

**Effective February 1, 2021**

Inquire if size not listed

<b>Part Number</b>	<b>Number Of Flutes</b>	<b>Type</b>	<b>Condition</b>	<b>Description (Cut x Shank x L.O.C. x O.A.L. )</b>	<b>Coating</b>	<b>Product Type</b>	<b>List Price</b>
NCR4016	4	Roughing	Center Cutting	1/4 x 1/4 x 3/4 x 2-1/2	Uncoated	Solid Carbide End Mill	\$27.78
NCR4016A	4	Roughing	Center Cutting	1/4 x 1/4 x 3/4 x 2-1/2	ALTIN	Solid Carbide End Mill	\$32.30
NCR4020	4	Roughing	Center Cutting	5/16 x 5/16 x 13/16 x 2-1/2	Uncoated	Solid Carbide End Mill	\$37.04
NCR4020A	4	Roughing	Center Cutting	5/16 x 5/16 x 13/16 x 2-1/2	ALTIN	Solid Carbide End Mill	\$42.67
NCR4024	4	Roughing	Center Cutting	3/8 x 3/8 x 7/8 x 2-1/2	Uncoated	Solid Carbide End Mill	\$45.97
NCR4024A	4	Roughing	Center Cutting	3/8 x 3/8 x 7/8 x 2-1/2	ALTIN	Solid Carbide End Mill	\$53.14
NCR4028	4	Roughing	Center Cutting	7/16 x 7/16 x 1 x 2-3/4	Uncoated	Solid Carbide End Mill	\$61.52
NCR4028A	4	Roughing	Center Cutting	7/16 x 7/16 x 1 x 2-3/4	ALTIN	Solid Carbide End Mill	\$70.23
NCR4032	4	Roughing	Center Cutting	1/2 x 1/2 x 1 x 3	Uncoated	Solid Carbide End Mill	\$76.46
NCR4032A	4	Roughing	Center Cutting	1/2 x 1/2 x 1 x 3	ALTIN	Solid Carbide End Mill	\$86.16
NCR4034	4	Roughing	Center Cutting	5/8 x 5/8 x 1-1/4 x 3-1/2	Uncoated	Solid Carbide End Mill	\$146.36
NCR4034A	4	Roughing	Center Cutting	5/8 x 5/8 x 1-1/4 x 3-1/2	ALTIN	Solid Carbide End Mill	\$161.79
NCR4036	4	Roughing	Center Cutting	3/4 x 3/4 x 1-1/2 x 4	Uncoated	Solid Carbide End Mill	\$202.03
NCR4036A	4	Roughing	Center Cutting	3/4 x 3/4 x 1-1/2 x 4	ALTIN	Solid Carbide End Mill	\$222.93
NCR4040	4	Roughing	Center Cutting	1 x 1 x 2 x 4	Uncoated	Solid Carbide End Mill	\$342.27
NCR4040A	4	Roughing	Center Cutting	1 x 1 x 2 x 4	ALTIN	Solid Carbide End Mill	\$375.73