



INDUSTRIAL INC.
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NEW

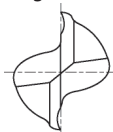
ALU-POWER SOLID CARBIDE END MILLS

SUPERIOR CUTTING FOR ALUMINUM AND NON-FERROUS MATERIALS



2 Flute, 42° Helix, Regular Length – “Banshee”

- ▶ For high velocity milling of aluminum and other non-ferrous materials
- ▶ Excellent plunging capabilities
- ▶ Provides improved surface roughness
- ▶ Tightly controlled cylindrical margin
- ▶ Excellent chip removal due to higher rake angle, higher helix angle (42°) and bigger chip pocket



Tolerance of Cutting Diameter	0 -0.0012
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Cutting Diameter (Inch)	Shank Diameter (Inch)	Shank Style	Length of Cut (Inch)	Overall Length (Inch)	Code	Price
1/16	1/8	Plain	1/8	1-1/2	888310	\$ 23.00
1/8	1/4	Plain	5/16	1-3/4	888312	26.70
3/16	1/4	Plain	7/16	2	888313	27.50
1/4	3/8	Plain	3/4	2-1/2	888314	37.90
5/16	3/8	Plain	13/16	2-1/2	888315	37.90
3/8	3/8	Plain	1	2-1/2	888316	38.60
7/16	7/16	Plain	1	2-3/4	888317	77.40
1/2	1/2	Plain	1	3	888318	70.80
1/2	1/2	Plain	2	4	888319	92.10
5/8	5/8	Plain	1-1/4	3-1/2	888320	144.10
3/4	3/4	Plain	1-1/2	4	888321	212.70
3/4	3/4	Plain	3	5-1/2	888322	276.50
1	1	Plain	1-1/2	4	888323	376.80
1	1	Plain	3	5-1/2	888324	489.80

3 Flute, 45° Helix, Regular Length

- ▶ For high velocity milling of aluminum and other non-ferrous materials
- ▶ 3 flute and 45° helix allow harmonic balance at high speed conditions and smooth cutting
- ▶ Provides improved surface roughness
- ▶ Tightly controlled cylindrical margin
- ▶ Maximum material removal, chip evacuation, and stability



Tolerance of Cutting Diameter	0 -0.0005
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Cutting Diameter (Inch)	Shank Diameter (Inch)	Shank Style	Length of Cut (Inch)	Overall Length (Inch)	Code	Price
1/8	1/8	Plain	3/8	1-1/2	888409	\$ 25.10
3/16	3/16	Plain	9/16	2	888410	27.10
1/4	1/4	Plain	5/8	2-1/2	888411	30.50
5/16	5/16	Plain	5/8	2-1/2	888412	34.10
3/8	3/8	Plain	1	2-1/2	888413	39.70
7/16	7/16	Plain	1-1/4	2-3/4	888414	67.50
1/2	1/2	Plain	1-1/4	3	888415	73.80
5/8	5/8	Plain	1-5/8	3-1/2	888416	159.20
3/4	3/4	Plain	1-5/8	4	888417	197.20
1	1	Plain	2	5	888418	467.90

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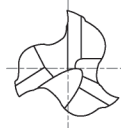
ALU-POWER SOLID CARBIDE END MILLS

SUPERIOR CUTTING FOR ALUMINUM AND NON-FERROUS MATERIALS



3 Flute, 45° Helix, Regular Length, TiCN Coated

- ▶ For high velocity milling of aluminum and other non-ferrous materials
- ▶ 3 flute and 45° helix allow harmonic balance at high speed conditions and smooth cutting
- ▶ Provides improved surface roughness
- ▶ Tightly controlled cylindrical margin
- ▶ Maximum material removal, chip evacuation, and stability

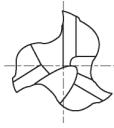


Tolerance of Cutting Diameter	0 -0.0005
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Cutting Diameter (Inch)	Shank Diameter (Inch)	Shank Style	Length of Cut (Inch)	Overall Length (Inch)	Code	Price
1/8	1/8	Plain	3/8	1-1/2	888584	\$ 27.60
3/16	3/16	Plain	9/16	2	888585	29.70
1/4	1/4	Plain	5/8	2-1/2	888586	33.30
5/16	5/16	Plain	5/8	2-1/2	888587	37.30
3/8	3/8	Plain	1	2-1/2	888588	42.90
7/16	7/16	Plain	1-1/4	2-3/4	888589	71.20
1/2	1/2	Plain	1-1/4	3	888590	79.70
5/8	5/8	Plain	1-5/8	3-1/2	888591	166.00
3/4	3/4	Plain	1-5/8	4	888592	208.20
1	1	Plain	2	5	888593	485.10

3 Flute, 45° Helix, Extra Long Length

- ▶ For high velocity milling of aluminum and other non-ferrous materials
- ▶ 3 flute and 45° helix allow harmonic balance at high speed conditions and smooth cutting
- ▶ Provides improved surface roughness
- ▶ Tightly controlled cylindrical margin
- ▶ Maximum material removal, chip evacuation, and stability



Tolerance of Cutting Diameter	0 -0.0005
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Cutting Diameter (Inch)	Shank Diameter (Inch)	Shank Style	Length of Cut (Inch)	Overall Length (Inch)	Code	Price
1/4	1/4	Plain	1-1/4	3-1/4	888419	\$ 40.00
5/16	5/16	Plain	1-1/4	3-1/2	888420	46.30
3/8	3/8	Plain	1-1/2	3-1/2	888421	55.00
7/16	7/16	Plain	2	4	888422	84.30
1/2	1/2	Plain	2	4	888423	92.90
5/8	5/8	Plain	2-1/2	5	888424	212.40
3/4	3/4	Plain	3-1/4	6	888425	265.70
1	1	Plain	3-1/4	6	888426	509.90



INDUSTRIAL INC.

www.kar.ca ■ sales@kar.ca

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 Toronto: 1-800-387-3127
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