

T15, 3 FLUTE 42° HELIX ROUGHING BALL NOSE REGULAR LENGTH for ALUMINUM

► High performance metal removal in aluminum alloys.



T15
ALU
3
42°
R ±.001
FLAT
P.731

◆ U.S.A Stock

Unit : Inch

EDP No.		Radius of Ball Nose	Mill Diameter	Shank Diameter	Length of Cut	Overall Length
UNCOATED	TiCN COATED	R (±.001)				
EP12032	EP12032C	R1/4	1/2	1/2	1-1/4	3-1/4
EP12040	EP12040C	R5/16	5/8	5/8	1-5/8	3-3/4
EP12048	EP12048C	R3/8	3/4	3/4	1-5/8	3-7/8
EP12064	EP12064C	R1/2	1	1	2	4-1/2
EP12110	EP12110C	R5/8	1-1/4	1-1/4	2	4-1/2

■ The TiN coated, or TiAlN coated is available on your request.

Mill Dia. Tolerance (inch)	
up to 1	0~+.0030
over 1	0~+.0060

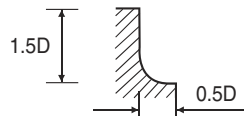
- CBN END MILL
- i-Xmill END MILL
- X5070 END MILLS
- 4G MILLS END MILLS
- X-SPEED ROUGHER END MILLS
- X-POWER END MILLS
- JET-POWER END MILLS
- V7 Mill STEEL END MILLS
- V7 Mill INOX END MILLS
- ALU-POWER END MILLS
- D-POWER END MILLS
- STANDARD CARBIDE END MILLS
- TANK-POWER END MILLS
- STANDARD COBALT & HSS END MILLS
- TECHNICAL DATA

◎ : Excellent ○ : Good

Carbon Steels	Alloy Steels	Prehardened Steels	Hardened Steels		High Hardened Steels	Copper	Graphite	Cast Iron	Aluminum	Stainless Steels	Titanium	Inconel
~HRc20	HRc20~30	HRc30~40	HRc40~45	HRc45~55	HRc55~70							
									◎			

T15, 3 FLUTE 42° HELIX SPEED-FREAK BALL NOSE
EK196 SERIES

MATERIAL	ALUMINUM ALUMINUM ALLOYS	
DIAMETER	RPM	FEED
1/4	4500	7.9
5/16	3100	9.1
3/8	2500	13.8
1/2	2000	15.8
5/8	1600	17.7

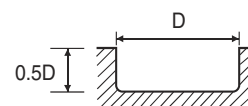
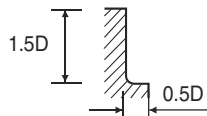


※ The FEED, in long & long reach types, should be reduced by around 50%

RPM = rev./min.
FEED = inch/min.

T15, 3 FLUTE, 42° HELIX FINISHING with CORNER RADIUS
EK193 SERIES

MATERIAL	ALUMINUM ALUMINUM ALLOY			
DIAMETER	RPM	FEED	RPM	FEED
1/2	4500	38	4095	38
5/8	3500	26	3185	39
3/4	2300	27	2093	41
1	2000	27	1820	40
1-1/4	1600	26	1456	38
1-1/2	1350	25	1229	38



※ The FEED, in long & long reach types, should be reduced by around 50%

RPM = rev./min.
FEED = inch/min.

CBN
END MILLi-Xmill
END MILLX5070
END MILLS4G MILLS
END MILLSX-SPEED
ROUGHER
END MILLSX-POWER
END MILLSJET-POWER
END MILLSV7 Mill STEEL
END MILLSV7 Mill INOX
END MILLSALU-POWER
END MILLSD-POWER
END MILLSSTANDARD
CARBIDE
END MILLSTANK-POWER
END MILLSSTANDARD
COBALT
& HSS
END MILLSTECHNICAL
DATA