

TITAN-AX™

0.0312" - 0.2500" DIAMETER
1.00mm - 8.00mm DIAMETER

Variable Helix

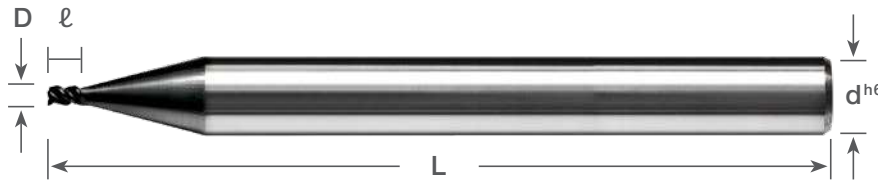
AX High Performance Coating

Increased Shank Diameter for Maximum Rigidity

Sub Micron Grain Carbide

REINFORCED SHANK
TOUGH MACHINING APPLICATIONS

Also Available in Corner Radius Styles [Page 137-139](#)



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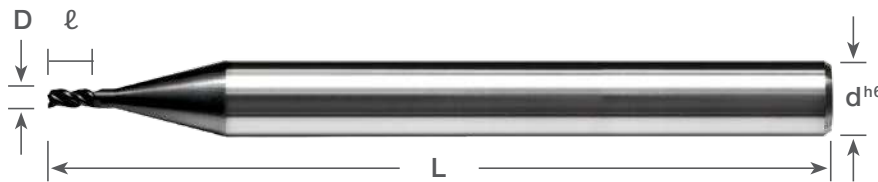
STUB Length

TITAN-AX (Inch Sizes)

Dimensions (in)				AX Coating	
D	d	ℓ	L	Part Number	Stock
0.0312 (1/32)	1/4	0.063	2 1/2	T0312O063	●
0.0469 (3/64)	1/4	0.094	2 1/2	T0469O094	●
0.0625 (1/16)	1/4	0.140	2 1/2	T0625O140	●
0.0781 (5/64)	1/4	0.140	2 1/2	T0781O140	●
0.0938 (3/32)	1/4	0.188	2 1/2	T0938O188	●
0.1094 (7/64)	1/4	0.188	2 1/2	T1094O188	●
0.1250 (1/8)	1/4	0.250	2 1/2	T1250O250	●
0.1562 (5/32)	1/4	0.375	2 1/2	T1562O375	●
0.1875 (3/16)	1/4	0.375	2 1/2	T1875O375	●
0.2188 (7/32)	1/4	0.375	2 1/2	T2188O375	●
0.2500 (1/4)	1/4	0.500	2 1/2	T2500O500	●

TITAN-AXM (Metric Sizes)

Dimensions (mm)				AX Coating	
D	d	ℓ	L	Part Number	Stock
1.00	6	1.5	63.5	T0394O059	●
1.50	6	2.5	63.5	T0591O098	●
2.00	6	3.0	63.5	T0787O118	●
2.50	6	4.0	63.5	T0984O157	●
3.00	6	5.0	63.5	T1181O197	●
4.00	6	6.0	63.5	T1575O236	●
5.00	6	8.0	63.5	T1969O315	●
6.00	6	9.0	63.5	T2362O354	●
8.00	8	12.0	63.5	T3150O472	●



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STANDARD Length

TITAN-AX (Inch Sizes)

Dimensions (in)				AX Coating	
D	d	ℓ	L	Part Number	Stock
0.0312 (1/32)	1/4	0.094	2 1/2	T0312O094	●
0.0469 (3/64)	1/4	0.141	2 1/2	T0469O141	●
0.0625 (1/16)	1/4	0.188	2 1/2	T0625O188	●
0.0781 (5/64)	1/4	0.234	2 1/2	T0781O234	●
0.0938 (3/32)	1/4	0.375	2 1/2	T0938O375	●
0.1094 (7/64)	1/4	0.438	2 1/2	T1094O438	●
0.1250 (1/8)	1/4	0.500	2 1/2	T1250O500	●
0.1562 (5/32)	1/4	0.563	2 1/2	T1562O563	●
0.1875 (3/16)	1/4	0.625	2 1/2	T1875O625	●
0.2188 (7/32)	1/4	0.625	2 1/2	T2188O625	●
0.2500 (1/4)	1/4	0.750	2 1/2	T2500O750	●

TITAN-AXM (Metric Sizes)

Dimensions (mm)				AX Coating	
D	d	ℓ	L	Part Number	Stock
1.00	6	3.0	63.5	T0394O118	●
1.50	6	4.5	63.5	T0591O177	●
2.00	6	6.0	63.5	T0787O236	●
2.50	6	7.5	63.5	T0984O295	●
3.00	6	9.0	63.5	T1181O354	●
4.00	6	12.0	63.5	T1575O472	●
5.00	6	15.0	63.5	T1969O591	●
6.00	6	18.0	63.5	T2362O709	●
8.00	8	24.0	63.5	T3150O945	●

TITAN-AX / TITAN-AXM WORKPIECE MATERIAL															
Coating	P	P	H	H	M	K	N	N	N	N	N	S	S		
	Steel ~30HRC	Steel 30-40HRC	Hardened Steel ~55HRC	Hardened Steel ~68HRC	Stainless Steel	Cast Iron	Aluminum	Graphite	Copper Alloy	CFRP	Plastic	Thermoset Plastic	High Density Plastic	Nickel / Cobalt	Titanium Alloy
AX	☆	☆	★	★	☆	☆								★	★

★ : Priority ☆ : Applicable Materials

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