

TITAN-AX™

REINFORCED SHANK
LONG REACH REDUCED NECK
TOUGH MACHINING APPLICATIONS

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

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



Symbol Descriptions [Page 7](#)

Extended Reach

TITAN-AX (Inch Sizes)

Dimensions (in)					AX Coating	
D ^{+0.000 -0.001}	d	ℓ	L	L ₁	Part Number	Stock
0.0312 (1/32)	1/4	0.063	2 1/2	0.155	T0312O063ER	●
0.0469 (3/64)	1/4	0.094	2 1/2	0.230	T0469O094ER	●
0.0625 (1/16)	1/4	0.140	2 1/2	0.312	T0625O140ER	●
0.0781 (5/64)	1/4	0.140	2 1/2	0.390	T0781O140ER	●
0.0938 (3/32)	1/4	0.188	2 1/2	0.465	T0938O188ER	●
0.1094 (7/64)	1/4	0.188	2 1/2	0.545	T1094O188ER	●
0.1250 (1/8)	1/4	0.250	2 1/2	0.625	T1250O250ER	●
0.1562 (5/32)	1/4	0.375	2 1/2	0.781	T1562O375ER	●
0.1875 (3/16)	1/4	0.375	2 1/2	0.938	T1875O375ER	●
0.2188 (7/32)	1/4	0.375	2 1/2	1.093	T2188O375ER	●
0.2500 (1/4)	1/4	0.500	2 1/2	1.250	T2500O500ER	●

TITAN-AXM (Metric Sizes)

Dimensions (mm)					AX Coating	
D ^{+0.00mm -0.02mm}	d ^{h6}	ℓ	L	L ₁	Part Number	Stock
1.00	6	3.0	75	10	T0394O118ER	●
1.50	6	4.5	75	15	T0591O177ER	●
2.00	6	6.0	75	20	T0787O236ER	●
2.50	6	7.5	75	25	T0984O295ER	●
3.00	6	9.0	75	30	T1181O354ER	●
4.00	6	12.0	75	30	T1575O472ER	●
5.00	6	15.0	75	40	T1969O591ER	●
6.00	6	18.0	75	45	T2362O709ER	●
8.00	8	24.0	100	50	T3150O945ER	●

TITAN-AX / TITAN-AXM WORKPIECE MATERIAL															
Coating	P	P	H	H	M	K	N	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

Symbol Descriptions [Page 7](#)

● : U.S. Stock Standard
■ : NOT STOCKED - Call for Delivery
▲ : Coming Soon

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