

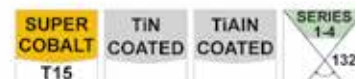


# Spade Drill Inserts

## Super Cobalt (T15) – TiN Coated & TiAlN Coated



- For use with high nickel alloys and materials with hardness over 29HRC
- Custom sizes available upon request



**TiN COATED:** Titanium Nitride reinforces the wear resistance, hardness and toughness of the tool

**TiAlN COATED:** Titanium Aluminum Nitride has a higher hardness than TiN which greatly increases the tool life and can withstand higher temperatures when machining cast irons and tough steels

Series Min. to Max.	Thickness	Diameter	Decimal Equivalent (Inch)	Super Cobalt (T15) TiN Coated	Super Cobalt (T15) TiAlN Coated
				Code	Code
<b>Y</b> 0.374" to 0.436" 9.50 mm to 11.07 mm	3/32" 2.4 mm	9.50 mm	0.3740	548345	548616
		3/8"	0.3750	548346	548617
		9.80 mm	0.3858	548347	548618
		25/64"	0.3906	548348	548619
		10 mm	0.3937	548349	548620
		10.20 mm	0.4016	548350	548621
		13/32"	0.4062	548351	548622
		10.50 mm	0.4134	548352	548623
		27/64"	0.4219	548353	548624
<b>Z</b> 0.437" to 0.510" 11.10 mm to 12.95 mm	3/32" 2.4 mm	10.80 mm	0.4252	548354	548625
		11 mm	0.4331	548355	548626
		7/16"	0.4375	548356	548627
		11.50 mm	0.4528	548357	548628
		29/64"	0.4531	548358	548629
		15/32"	0.4688	548359	548630
		12 mm	0.4724	548360	548631
		31/64"	0.4844	548361	548632
		12.50 mm	0.4921	548362	548633
<b>O</b> 0.511" to 0.695" 12.98 mm to 17.65 mm	1/8" 3.2 mm	1/2"	0.5000	548363	548634
		13 mm	0.5118	548364	548490
		33/64"	0.5156	548365	548491
		17/32"	0.5312	548366	548492
		13.50 mm	0.5315	548367	548493
		35/64"	0.5469	548382	548508
		14 mm	0.5512	548368	548494
		9/16"	0.5625	548369	548495
		14.50 mm	0.5709	548370	548496
		37/64"	0.5781	548371	548497
		15 mm	0.5906	548372	548498
		19/32"	0.5938	548373	548499
		39/64"	0.6094	548383	548509
		15.50 mm	0.6102	548374	548500
		5/8"	0.6250	548375	548501
		16 mm	0.6299	548376	548502
		41/64"	0.6406	548384	548510
		16.50 mm	0.6496	548377	548503
		21/32"	0.6562	548378	548504
		17 mm	0.6693	548379	548505
43/64"	0.6719	548385	548511		
11/16"	0.6875	548380	548506		
<b>1</b> 0.690" to 0.960" 17.53 mm to 24.38 mm <i>(continued on next page)</i>	5/32" 4.0 mm	17.50 mm	0.6890	548381	548507
		45/64"	0.7031	548386	548512
		18 mm	0.7087	548387	548513
		23/32"	0.7188	548388	548514
		18.50 mm	0.7283	548389	548515
		47/64"	0.7344	548390	548516
		19 mm	0.7480	548391	548517
		3/4"	0.7500	548392	548518
		49/64"	0.7656	548393	548519
		19.50 mm	0.7677	548394	548520