

# IT & ITL

## Internal Single Point Threading Tools

**MICRO 100**  
super carbide tools

**A** IT & ITL Internal Single Point Threading Tool Tolerances:  
 Shank Diameter:  
 -.0001" - .0003"  
 Minimum Bore Diameter:  
 +.000" - .005"  
 Maximum Bore Depth:  
 +.050" - .000"  
 Overall Length:  
 ±1/64"

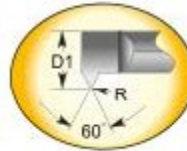
OTHER  
SIZES  
AVAILABLE  
UPON REQUEST



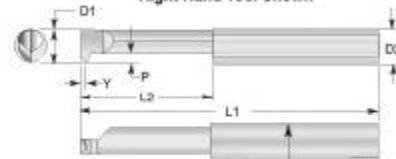
Right Hand Tool Shown

**Coated Tools AVAILABLE!**  
**AITIN** Add an "X" to end of Catalog No.  
**TiN** Add a "G" to end of Catalog No.

OTHER COATINGS UPON REQUEST, SEE PAGE 326



Tool Radius:  
 .002" ±.001"



Lockdown flat automatically locates tool on center

For current pricing and availability please visit our website at: [www.micro100.com](http://www.micro100.com)

IT Catalog No. Right Hand	ITL Catalog No. Left Hand	Minimum Minor Diameter (D1) inch	Projection (P) inch	Maximum Bore Depth (L2) inch	Offset Point (Y) inch	Threads Per Inch (T.P.I.) inch	Overall Length (L1) inch	Shank Diameter (D2) inch
<b>1/8" Shanks</b>								
IT-040075	ITL-040075	.040	.015	.075	.009	56 to 76	1.500	.1250
IT-040100	ITL-040100			.100				
IT-040150	ITL-040150			.150				
IT-050100	ITL-050100	.050		.100	.012	48 to 76		
IT-050150	ITL-050150			.150				
IT-050200	ITL-050200			.200				
IT-060200	ITL-060200	.060	.020	.200	.014	40 to 76		
IT-060250	ITL-060250			.250				
IT-060300	ITL-060300			.300				
IT-080250	ITL-080250			.250				
IT-080350	ITL-080350	.080		.350	.014	32 to 76		
IT-080500	ITL-080500			.500				
IT-100250	ITL-100250			.250				
IT-100350	ITL-100350	.100	.025	.350	.014	32 to 64		
IT-100500	ITL-100500			.500				
IT-100600	ITL-100600			.600				
<b>3/16" Shanks</b>								
IT-120250	ITL-120250	.120	.030	.250	.017	24 to 56	2.000	.1875
IT-120400	ITL-120400			.350				
IT-120500	ITL-120500			.500				
IT-120600	ITL-120600			.600				
IT-120750	ITL-120750			.750				
IT-140250	ITL-140250	.140	.035	.250	.020	20 to 56		
IT-140400	ITL-140400			.400				
IT-140500	ITL-140500			.500				
IT-140750	ITL-140750			.750				
IT-160250	ITL-160250	.160	.040	.250	.023	20 to 56		
IT-160400	ITL-160400			.400				
IT-160500	ITL-160500			.500				
IT-160750	ITL-160750			.750				
IT-1601000	ITL-1601000			1.000				

See page 33 for Toolholder Selections.  
 Refer to pages 323-363 for Technical Data.

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## Internal Single Point Threading Tools

**MICRO 100<sup>®</sup>**  
super carbide tools

**IT & ITL Internal Single Point Threading Tool Tolerances:**

Shank Diameter:  
-.0001" - .0003"

Minimum Bore Diameter:  
+.000" - .005"

Maximum Bore Depth:  
+.050" - .000"

Overall Length:  
±.164"

**OTHER SIZES AVAILABLE UPON REQUEST**



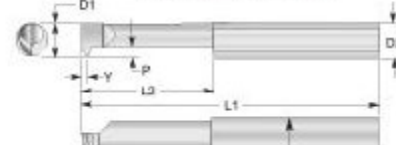
**A**

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OTHER COATINGS UPON REQUEST, SEE PAGE 326



Tool Radius:  
.002" ±.001"



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IT Catalog No. Right Hand	ITL Catalog No. Left Hand	Minimum Minor Diameter (D1) inch	Projection (P) inch	Maximum Bore Depth (L2) inch	Offset Point (Y) inch	Threads Per Inch (T.P.I.)	Overall Length (L1) inch	Shank Diameter (D2) inch
<b>1/4" Shanks</b>								
IT-180350	ITL-180350	.180	.040	.350	.023	18 to 56	2.500	.2500
IT-180500	ITL-180500			.500				
IT-180750	ITL-180750			.750				
IT-1801000	ITL-1801000			1.000				
IT-200400	ITL-200400	.200	.045	.400	.026	16 to 40	2.500	.2500
IT-200600	ITL-200600			.600				
IT-200750	ITL-200750			.750				
IT-2001000	ITL-2001000			1.000				
<b>5/16" Shanks</b>								
IT-230400	ITL-230400	.230	.055	.400	.032	14 to 40	2.500	.3125
IT-230600	ITL-230600			.600				
IT-230750	ITL-230750			.750				
IT-2301000	ITL-2301000			1.000				
IT-2301500	ITL-2301500			1.500				
IT-290500	ITL-290500	.290	.070	.500	.040	12 to 40	2.500	.3125
IT-290750	ITL-290750			.750				
IT-2901000	ITL-2901000			1.000				
IT-2901250	ITL-2901250			1.250				
IT-2901750	ITL-2901750			1.750				
<b>3/8" Shanks</b>								
IT-320500	ITL-320500	.320	.075	.500	.043	10 to 32	2.500	.3750
IT-320750	ITL-320750			.750				
IT-3201000	ITL-3201000			1.000				
IT-3201250	ITL-3201250			1.250				
IT-3201800	ITL-3201800			1.800				
IT-360500	ITL-360500	.360	.085	.500	.049	10 to 32	2.500	.3750
IT-360750	ITL-360750			.750				
IT-3601000	ITL-3601000			1.000				
IT-3601250	ITL-3601250			1.250				
IT-3601800	ITL-3601800			1.800				
<b>1/2" Shanks</b>								
IT-490750	ITL-490750	.490	.120	.750	.069	8 to 24	3.000	.5000
IT-4901500	ITL-4901500			1.500				
IT-4902000	ITL-4902000			2.000				

See page 33 for Toolholder Selections.  
Refer to pages 323-363 for Technical Data.

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**FOR HIGHER PERFORMANCE**