

11/64" (4.36 mm) SHANK SIZE

Compatible with: TXL, M40, IS200, IS400, IS900, IS6000/7000/8000

STANDARD CONICAL

COMPATIBLE MATERIALS	$\theta = 22.5^\circ$	$\theta = 30^\circ$
Gravoply™, Metallex™ & Gravoglas™, Acrylic	☉	
Leathers and derived products		
Phenolic	■	
Gold/Silver		☉
Aluminium/Brass	☉	
Steel/Stainless steel		

☉ Absolutely suitable ■ Suitable

$\theta = 22.5^\circ$	CARBIDE	A (MM-INCH)	CONICAL	A (INCH - MM)	CARBIDE	$\theta = 30^\circ$
160 mm/6.299"	48608	0.25	$\theta = 22.5^\circ$.010"	50135	160 mm/6.299"
	48609	0.32		.013"		
	48610	0.50		.020"		
	48611	0.75		.030"		
	48612	1.00		.040"		
	48613	1.25		.050"		
	48614	1.50		.060"		
	48615	1.75		.069"		
	48616	2.00		.080"		
	48617	2.50		.100"		
	48618	3.00		.120"		
15.0 mm/0.590"						15.0 mm/0.590"

CYLINDRICAL

COMPATIBLE MATERIALS	FLAT END	ROUND END
Gravoply™, Metallex™ & Gravoglas™, Acrylic	☉	☉
Leathers and derived products		
Phenolic	■	■
Gold/Silver		
Aluminium/Brass	■	■
Steel/Stainless steel		

☉ Absolutely suitable ■ Suitable

FLAT END	CARBIDE	A (MM-INCH)	CYLINDRICAL	A (INCH - MM)	CARBIDE	ROUND END
160 mm/6.299"	48619	1.00		.040"	48624	160 mm/6.299"
	48620	1.50		.060"	48625	
	48621	2.00		.100"	48626	
	48622	2.50		.100"	48627	
	48623	3.00		.120"	48628	
15.0 mm/0.590"						15.0 mm/0.590"

CONICAL

COMPATIBLE MATERIALS	$\theta = 35^\circ$	DOUBLE CONE
Gravoply™, Metallex™ & Gravoglas™, Acrylic		
Leathers and derived products		
Phenolic		
Gold/Silver		
Aluminium/Brass		■
Steel/Stainless steel	☉	☉

☉ Absolutely suitable ■ Suitable

$\theta = 35^\circ$	CARBIDE	A (MM-INCH)	CONICAL	A (INCH - MM)	CARBIDE	DBLE CONE
160 mm/6.299"	48629	0.25		.010"	48645	160 mm/6.299"
	48630	0.32		.013"	48646	
	48631	0.50		.020"	48647	
	48632	0.75		.030"	48648	
	48633	1.00		.040"	48649	
	48634	1.25		.050"	48650	
	48635	1.50		.060"		
15.0 mm/0.590"						15.0 mm/0.590"

Advice for use

Anodized aluminium: depth 1 division at adjustment tip
 Steel and stainless steel:
 Rotation speed = 11,000 rpm (adjustment only possible on IS)

A higher speed would cause premature wearing in the truncation.
 $V_{xy} = 5\text{mm/s}$ / $V_z = 3\text{mm/s}$

The use of a cutting lubrication oil is essential: **TARFIL™ blue ref: 19526**

1/4 ROUND A (INCH - MM) CARBIDE 1/4 ROUND

SPECIAL CONICAL

COMPATIBLE MATERIALS	1/4 ROUND
Gold/Silver	
Aluminium/Brass	☉
Steel/Stainless steel	■

☉ Absolutely suitable ■ Suitable

.010"	0.25	—	48636	160 mm/6.299"
.013"	0.32	—	48637	
.020"	0.50	—	48638	
.030"	0.75	—	48639	
.040"	1.00	—	48640	
.050"	1.25	—	48641	
.060"	1.50	—	48642	
.069"	1.75	—	48643	
.080"	2.00	—	48644	
15.0 mm/0.590"				15.0 mm/0.590"

