POSITHREAD

OIL & GAS CATALOGUE

TOOLING FOR OIL & GAS • TOOLING FOR OIL & GAS • TOOLING FOR OIL & GAS

CONTENTS

PREMIUM LICENSES

Since 2004 Positthread UK Ltd has continuously invested in Research & Development into Oil & Gas Industry. We work very closely with our suppliers to offer the highest quality carbide grades and very latest coating technologies. We have achieved very successful results with the machining of all Oil & Gas Materials.

Positthread works closely with many major Oilfield companies with new machining projects and the development of new threading designs.

Positthread has been approved as a licensed threading manufacturer by:

VAM
TENARIS
NS CONNECTIONS
HUNTING

BLANK SHAPES AND SIZES

- There are two main insert styles used in the Oil and Gas sector. These are:

Vertical, (On Edge, Tangential)

Triangular
Size range:
TNEC / TNMA 32,43,54,55,66,68,69
Insert has a Radial and Axial Clearances
Thread form size dictates which size blank to use,

Laydown

Triangular
Size range:
16, 22, 27 edge length
Insert has a Top Rake
Thread form size dictates which size blank to use,

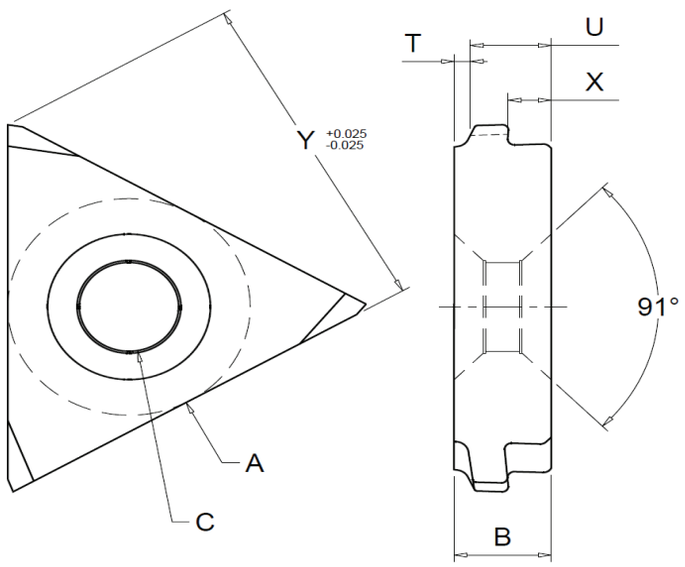
Triangular

Size range:
TNEC 43F, 54F,
Insert has a Radial and Axial Clearances
Thread form size dictates which size blank to use,

Rhomboid

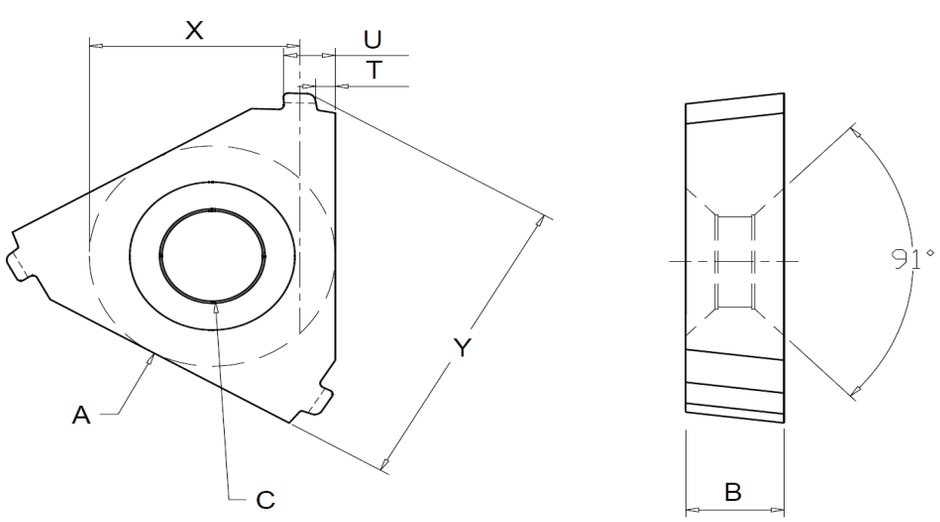
Size range:
CNGA CNGX 64
Insert has a Top Rake
Multi tooth, Roughers, Finishers (Chasers)

TNEC (VERTICAL)



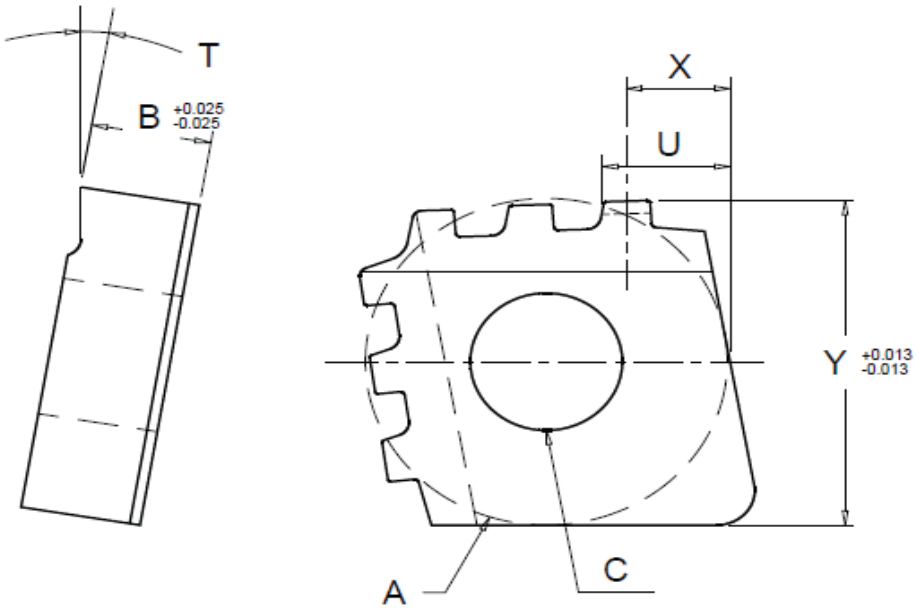
	A	B	C	T	U	X	Y
320	Ø 9.525	3.175	3.800	+/- 0.020	+/- 0.020	+/- 0.020	13.430
330	Ø 9.525	4.763	3.800	+/- 0.020	+/- 0.020	+/- 0.020	13.430
430	Ø 12.7	4.763	5.200	+/- 0.020	+/- 0.020	+/- 0.020	18.640
440	Ø 12.7	6.350	5.200	+/- 0.020	+/- 0.020	+/- 0.020	18.640
540	Ø 15.875	6.350	6.500	+/- 0.020	+/- 0.020	+/- 0.020	23.393
550	Ø 15.875	7.938	6.500	+/- 0.020	+/- 0.020	+/- 0.020	23.393
660	Ø 19.05	9.525	8.000	+/- 0.020	+/- 0.020	+/- 0.020	28.135
680	Ø 19.05	12.700	8.000	+/- 0.020	+/- 0.020	+/- 0.020	28.135
690	Ø 19.05	14.288	8.000	+/- 0.020	+/- 0.020	+/- 0.020	28.135

TNEC F (LAYDOWN)



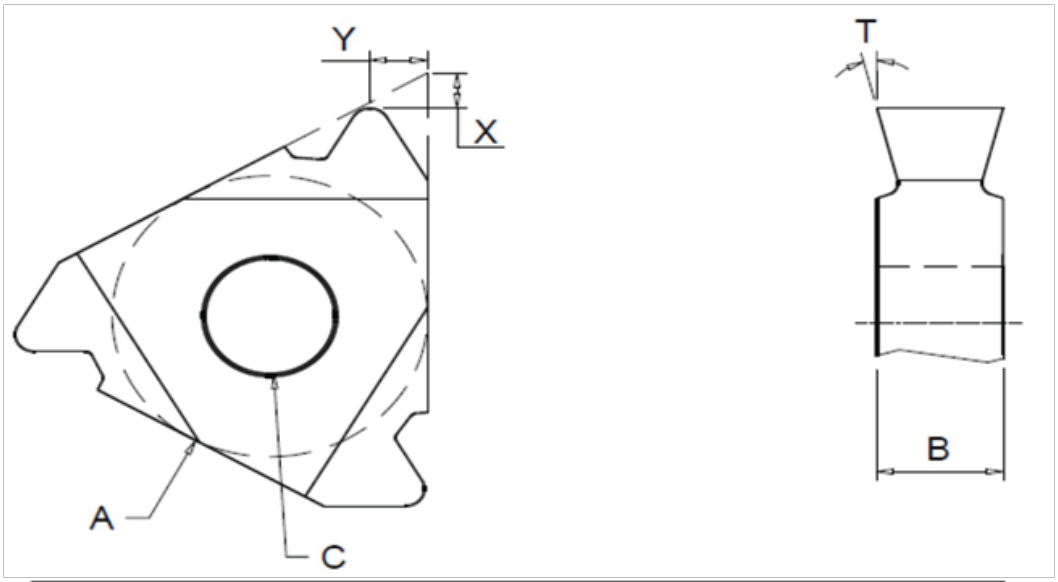
	A	B	C	T	U	X	Y
430	Ø 12.7	4.763	5.200	+/- 0.020	+/- 0.020	+/- 0.020	+/- 0.015
540	Ø 15.875	6.350	6.500	+/- 0.020	+/- 0.020	+/- 0.020	+/- 0.015

CNGA (LAYDOWN)



	A	B	C	T	U	X	Y
CNGA640	Ø 19.05	6.350	8.000	+/- 0°15"	+/- 0.020	+/- 0.020	18.926
CNGX640	Ø 20.828	6.350	8.000	+/- 0°15"	+/- 0.020	+/- 0.020	20.701

TNEGX (LAYDOWN)



	A	B	C	T	X	Y
430	Ø 12.7	4.763	5.200	10°	+/- 0.040	+/- 0.040
540	Ø 15.875	6.350	6.500	10°	+/- 0.040	+/- 0.040

INSERT IDENTIFICATION

1	2	3	4	5	6	7	8	9	10	11
TNEC	5	4		VAMTOP	75	5		I		
TNEC	5	4	F	VAMFJL	6.25%	6		E	L	
CNGA	6	4		BVNV	75	5		E		2
CNGX	6	4		VAMTOP	75	5	R	E		3

1.
INSERT SHAPE

***T**-TRIANGULAR*
***C**-CUBOID*
***N**-NEUTRAL*
***E,G**-TOLERANCE GRADE*
***A**-NO COUNTERSINK*
***B**-ONE COUNTERSINK*
***C**-COUNTERSINK TWO SIDES*
***X**-SPECIAL INSERT*

2.
INSERT SIZE

INSCRIBED CIRCLE OF SHAPE I.C IN 1/8" (OF AN INCH)
4 = 4/8" (12.75mm)
5 = 5/8" (15.875mm)
6 = 6/8" (19.05mm)

3.
INSERT SIZE

INSERT THICKNESS IN 1/16" (OF AN INCH)
3 = 3/16" (4.763mm)
4 = 4/16" (6.35mm)

4.

***F**-LAYDOWN STYLE (TRIANGULAR ONLY)*

5.
THREAD DESCRIPTION

***VAM :** TOP, ACE, DINO,ETC*
***JFE :** FOX, BEAR*
***API :** BUCA, RD, IMP BUTT*
***NS :** NSCT, NSCC*
***TENARIS :** 3SB, BLUE,*

6.
THREAD TAPER

TAPER
INCHES PER FOOT
***% =** (100÷TAPER)*

7.
THREAD PITCH

THREADS PER INCH PITCH
4,5,6,8

8.

***R**-ROUGHING INSERT*

9.
CUTTING APPLICATION

***E**-EXTERNAL*
***I**-INTERNAL*

10.
HAND OF THREAD

RIGHT HAND UNLESS STATED
***L**-LEFT HAND*

11.
NUMBER OF TEETH

2-3-4

ALPHA NUMERIC

Full Description	Blank	Size	Form	Taper	TPI	I/E
CNGA64 BDS 755 I2	CNGA	64	BDS	0.75"	5	I
CNGA64 BUCA 15I3	CNGA	64	BUCA	1	5	I
CNGA64 BUCA 755I3	CNGA	64	BUCA	0.75"	5	I
CNGA64 BUCA R5I2	CNGA	64	BUCA	0.75"	5	I
CNGA64 DINOVAM 12.5% 3E	CNGA	64	DINOVAM	12.5%	3	E
CNGA64 DINOVAM 12.5% 3I	CNGA	64	DINOVAM	12.5%	3	I
CNGA64 DINOVAM 13E	CNGA	64	DINOVAM	1	3	E
CNGA64 DINOVAM 13E2	CNGA	64	DINOVAM	1	3	E
CNGA64 DINOVAM 13I	CNGA	64	DINOVAM	1	3	I
CNGA64 DINOVAM R3I2	CNGA	64	DINOVAM	1	3	I
CNGA64 JFEBEAR 755E 3	CNGA	64	JFEBEAR	0.75"	5	E
CNGA64 NK3SB 755E3	CNGA	64	NK3SB	0.75"	5	E
CNGA64 NVAM R5I2	CNGA	64	NVAM	0.75"	5	I
CNGA64 NVAM R6I2	CNGA	64	NVAM	0.75"	6	I
CNGA64 SL2S 6.25% 6E2	CNGA	64	SL2S	6.25%	6	E
CNGA64 VAMACEMOD 756 E2	CNGA	64	VAMACEMOD	0.75"	6	E
CNGA64 VAMACETOP R4E2	CNGA	64	VAMACETOP	0.75"	4	E
CNGA64 VAMACETOP R5E2	CNGA	64	VAMACETOP	0.75"	5	E
CNGA64 VAMACETOP R5E3	CNGA	64	VAMACETOP	0.75"	5	E
CNGA64 VAMACETOP R6E2	CNGA	64	VAMACETOP	0.75"	6	E
CNGA64 VAM R5I2	CNGA	64	VAM	0.75"	5	E
CNGA64 VAMHP 12.5% 4E	CNGA	64	VAMHP	12.5%	4	I
CNGA64 VAMHP 12.5% 4I	CNGA	64	VAMHP	12.5%	4	I
CNGA64 VAMHP 12.5% R4I	CNGA	64	VAMHP	0.75"	5	I
CNGA64 VAMSL R5E2	CNGA	64	VAMSL	0.75"	5	E
CNGA64 VAMHW 18.18%4I	CNGA	64	VAMHW	18.18%	4	I
CNGA64 VAMHW18.18%4E2	CNGA	64	VAMHW	18.18%	4	E
CNGA64 VAMHWB 18.18%4E2	CNGA	64	VAMHWB	18.18%	4	E
CNGA64 VAMHWB 18.18%4I	CNGA	64	VAMHWB	18.18%	4	I
CNGA64 VAMPRO 10% 4E2	CNGA	64	VAMPRO	18.18%	4	E
CNGA64 VAMSL 10% 5E2	CNGA	64	VAMSL	10%	5	E
CNGA64 VAMSL10% R5I2	CNGA	64	VAMSL	10%	5	I
CNGA64 VAMSL13.33% 5E2	CNGA	64	VAMSL	13.33%	5	E
CNGA64 VAMSLIJ 12.5% 6E3	CNGA	64	VAMSLIJ	12.5%	6	E
CNGA64 VAMSLIJ 12.5% 6I3	CNGA	64	VAMSLIJ	12.5%	6	I
CNGA64 VAMSLIJ 15.38% 5E2	CNGA	64	VAMSLIJ	15.38%	5	E
CNGA64 VAMSLIJ 15.38% 5I2	CNGA	64	VAMSLIJ	15.38%	5	I
CNGA64 VAMSLIJ11 6.25% 5E2	CNGA	64	VAMSLIJ11	6.25%	5	E
CNGA64 VAMSLIJ11 6.25% 5I2	CNGA	64	VAMSLIJ11	6.25%	5	I
CNGA64 VAMTOP 10% 5E2	CNGA	64	VAMTOP	10%	5	E
CNGA64 VAMTOP R5I2	CNGA	64	VAMTOP	0.75"	5	I
CNGA64 VAMACE/TOP 754E2	CNGA	64	VAMACETOP	0.75"	4	E
CNGA64 VAMACE/TOP 755E2	CNGA	64	VAMACETOP	0.75"	5	E
CNGA64 VAMACE/TOP 756E2	CNGA	64	VAMACETOP	0.75"	6	E
CNGA64 VAMHW 12.5% R4E2	CNGA	64	VAMHW	12.5%	4	E
CNGA64 VAMHW 18.18% R4E2	CNGA	64	VAMHW	18.18%	4	E
CNGA64 VAMHWB 18.18% R4I	CNGA	64	VAMHWB	18.18%	4	I
CNGX64 VAM 7.125% R4E3	CNGX	64	VAM	7.125%	4	E
CNGX64 VAMHW 18.18% R4E3	CNGX	64	VAMHW	18.18%	4	E
CNMA64 BUCA 15E3	CNMA	64	BUCA	1	5	E
CNMA64 BVNV 755E2	CNMA	64	BUVAMNEWVAM	0.75"	5	E
CNMA64 BVNV 755E3	CNMA	64	BUVAMNEWVAM	0.75"	5	E
CNMA64 JFEFOX 755 E2	CNMA	64	JFEFOX	0.75"	5	E
CNMA64 JFEFOX 755 E3	CNMA	64	JFEFOX	0.75"	5	E
CNMA64 JFEFOX 756 E2	CNMA	64	JFEFOX	0.75"	5	E

ALPHA NUMERIC

Full Description	Blank	Size	Form	Taper	TPI	I/E
CNMA64 RD758E4	CNMA	64	RD	0.75"	8	E
CNMA64 RD758I4	CNMA	64	RD	0.75"	8	I
CNMA64 VAMNEWVAM 756E2	CNMA	64	VAMNEWVAM	0.75"	6	E
CNMA64 VAMNEWVAM 758E3	CNMA	64	VAMNEWVAM	0.75"	8	E
CNMA64 VAMNEWVAM R6E2	CNMA	64	VAMNEWVAM	0.75"	6	E
CNMA64 BVNV R5E3	CNMA	64	BUVAMNEWVAM	0.75"	5	E
CNMA64 RGH 755E3(USA)	CNMA	64	RGH	0.75"	5	E
CNMX64 BUCA 755I4	CNMX	64X	BUCA	0.75"	5	I
CNMX64 BVNV R5E4	CNMX	64X	BUVAMNEWVAM	0.75"	5	E
CNMXT64 BVNV R5E4	CNMX	64X	BUVAMNEWVAM	0.75"	5	E
TNEA 43F AOH 154 E	TNEA	43F	AOH	1.5"	4	E
TNEA43F AOH 154 I	TNEA	43F	AOH	1.5"	4	I
TNEA43F PJD 6.25% 8I	TNEA	43F	PJD	6.25%	8	I
TNEC32 NST 10P	TNEC	32	NST	0	10	I&E
TNEC32 NST 12P	TNEC	32	NST	0	12	I&E
TNEC32 NST 8P	TNEC	32	NST	0	8	I&E
TNEC32 NSTC 8P	TNEC	32	NSTC	0	8	I&E
TNEC32 NTC 8P	TNEC	32	NTC	0	8	I&E
TNEC43 10RDE	TNEC	43	RDE	0	10	E
TNEC43 10RDEN	TNEC	43	RDEN	0	10	E
TNEC43 10RDI	TNEC	43	RDI	0	10	I
TNEC43 10RDIN	TNEC	43	RDIN	0	10	I
TNEC43 8RDE	TNEC	43	RDE	0	8	E
TNEC43 8RDEN	TNEC	43	RDI	0	8	E
TNEC43 8RDI	TNEC	43	RDIN	0	8	I
TNEC43 8RDIN	TNEC	43	RDIN	0	8	I
TNEC43 AMS 6.25% 6E	TNEC	43	AMS	6.25%	6	E
TNEC43 AMS 6.25% 6I	TNEC	43	AMS	6.25%	6	I
TNEC43 AMS 6.25% 8E	TNEC	43	AMS	6.25%	8	E
TNEC43 AMS28 5% 6I	TNEC	43	AMS28	5%	6	I
TNEC43 AMS28 5%6E	TNEC	43	AMS28	5%	6	E
TNEC43 VAMFJL 10% E	TNEC	43	VAMFJL	10%	4mm	E
TNEC43 VAMFJL 10% I	TNEC	43	VAMFJL	10%	4mm	I
TNEC43 VAMFJL 6.25% E	TNEC	43	VAMFJL	6.25%	4mm	E
TNEC43 VAMFJL 6.25% I	TNEC	43	VAMFJL	6.25%	4mm	I
TNEC43 JFEFOX 758 I	TNEC	43	JFEFOX	0.75"	8	I
TNEC43 NK3SB 758E	TNEC	43	NK3SB	0.75"	8	E
TNEC43 NK3SB 758I	TNEC	43	NK3SB	0.75"	8	I
TNEC43 NSCT 756 E	TNEC	43	NSCT	0.75"	6	E
TNEC43 NSCT 756 I	TNEC	43	NSCT	0.75"	6	I
TNEC43 NST 10P	TNEC	43	NST	0	10	I&E
TNEC43 NST 12P	TNEC	43	NST	0	12	I&E
TNEC43 NST 4P	TNEC	43	NST	0	4	I&E
TNEC43 NST 6P	TNEC	43	NST	0	6	I&E
TNEC43 NST 8P	TNEC	43	NST	0	8	I&E
TNEC43 NSTC 10P	TNEC	43	NSTC	0	10	I&E
TNEC43 NSTC 12P	TNEC	43	NSTC	0	12	I&E
TNEC43 NSTC 14P	TNEC	43	NSCT	0	14	I&E
TNEC43 NSTC 4P	TNEC	43	NSTC	0	4	I&E
TNEC43 NSTC 5P	TNEC	43	NSTC	0	5	I&E
TNEC43 NSTC 6P	TNEC	43	NSCT	0	6	I&E
TNEC43 NSTC 8P	TNEC	43	NSCT	0	8	I&E
TNEC43 NT 10P	TNEC	43	NT	0	10	I&E
TNEC43 NT 12P	TNEC	43	NT	0	21	I&E
TNEC43 NT 4P	TNEC	43	NT	0	4	I&E

ALPHA NUMERIC

Full Description	Blank	Size	Form	Taper	TPI	I/E
TNEC43 NT 6P	TNEC	43	NT	0	6	I&E
TNEC43 NT 8P	TNEC	43	NT	0	8	I&E
TNEC43 NTC 10P	TNEC	43	NTC	0	10	I&E
TNEC43 NTC 12P	TNEC	43	NTC	0	12	I&E
TNEC43 NTC 4P	TNEC	43	NTC	0	4	I&E
TNEC43 NTC 5P	TNEC	43	NTC	0	5	I&E
TNEC43 NTC 6P	TNEC	43	NTC	0	6	I&E
TNEC43 NTC 8P	TNEC	43	NTC	0	8	I&E
TNEC43 NEWVAM 758I	TNEC	43	NEWVAM	0.75"	8	I
TNEC43 PJD 6.25% 8E	TNEC	43	PJD	6.25%	8	E
TNEC43 VAMACE 758E	TNEC	43	VACE	0.75"	8	E
TNEC43 VAMACE 758I	TNEC	43	VACE	0.75"	8	I
TNEC43 VFT 75115E	TNEC	43	VFT	0.75"	11.5"	E
TNEC43 VFT 758E	TNEC	43	VFT	0.75"	8	E
TNEC43 VFT 758I	TNEC	43	VFT	0.75"	8	I
TNEC43 VAMNEWVAM 758E	TNEC	43	VAMNEWVAM	0.75"	8	E
TNEC43F AMS28 5% 6I	TNEC	43	AMS28	5%	6	I
TNEC43F JFEBEAR 755I	TNEC	43	JFEBEAR	0.75"	5	I
TNEC43F NEWVAM 758I	TNEC	43	NEWVAM	0.75"	8	I
TNEC43F VAMACE 756I	TNEC	43	VAMACE	0.75"	6	I
TNEC43F VAMACE 758I	TNEC	43	VAMACE	0.75"	8	I
TNEC54 AMS 6.25% 5E	TNEC	54	AMS	6.25%	5	E
TNEC54 AMS 6.25% 5I	TNEC	54	AMS	6.25%	5	I
TNEC54 AMS 6.25% 6E	TNEC	54	AMS	6.25%	6	E
TNEC54 AMS 6.25% 6I	TNEC	54	AMS	6.25%	6	I
TNEC54 AMS28 5% 6E	TNEC	54	AMS28	5%	6	E
TNEC54 AMS28 5%5E	TNEC	54	AMS28	5%	5	E
TNEC54 AMS28 5%5I	TNEC	54	AMS28	5%	5	I
TNEC54 BDS 755E	TNEC	54	BDS	0.75"	5	E
TNEC54 BDS 755I	TNEC	54	BDS	0.75"	5	I
TNEC54 BUCA 15E	TNEC	54	BUCA	1	5	E
TNEC54 BUCA 15I	TNEC	54	BUCA	1	5	I
TNEC54 BUCA 755I	TNEC	54	BUCA	0.75"	5	I
TNEC54 BVNV 755E	TNEC	54	BUVAMNEWVAM	0.75"	5	E
TNEC54 JFEFOX 755 E	TNEC	54	JFEFOX	0.75"	5	E
TNEC54 JFEFOX 755 I	TNEC	54	JFEFOX	0.75"	5	I
TNEC54 JFEFOX 756 E	TNEC	54	JFEFOX	0.75"	6	E
TNEC54 JFEFOX 756 I	TNEC	54	JFEFOX	0.75"	6	I
TNEC54 JFEBEAR 755 E	TNEC	54	JFEBEAR	0.75"	5	E
TNEC54 JFEBEAR 755 I	TNEC	54	JFEBEAR	0.75"	5	I
TNEC54 VAMMUST NU 155E	TNEC	54	VAMMUST NU	1.5"	5	E
TNEC54 VAMMUST NU 155I	TNEC	54	VAMMUST NU	1.5"	5	I
TNEC54 NK3SB 755E	TNEC	54	NK3SB	0.75"	5	E
TNEC54 NK3SB 755I	TNEC	54	NK3SB	0.75"	5	I
TNEC54 NK3SBSL 15E	TNEC	54	NK3SBSL	1"	5	E
TNEC54 NKEL 756E	TNEC	54	NKEL	0.75"	6	E
TNEC54 NKEL 756I	TNEC	54	NKEL	0.75"	6	I
TNEC54 NKFJ 756E	TNEC	54	NKFJ	0.75"	6	E
TNEC54 NKFJ 756I	TNEC	54	NKFJ	0.75"	6	I
TNEC54 NKHW 155E	TNEC	54	NKHW	1.5"	5	E
TNEC54 NKHW 155I	TNEC	54	NKHW	1.5"	5	I
TNEC54 NSCC 755I	TNEC	54	NSCC	0.75"	5	I
TNEC54 NSCT 756E	TNEC	54	NSCT	0.75"	6	E
TNEC54 NSCT 756I	TNEC	54	NSCT	0.75"	6	I
TNEC54 NST 4P	TNEC	54	NST	0	4	I&E

ALPHA NUMERIC

Full Description	Blank	Size	Form	Taper	TPI	I/E
TNEC54 NSTC 3P	TNEC	54	NSTC	0	3	I&E
TNEC54 NSTC 4P	TNEC	54	NSCT	0	4	I&E
TNEC54 NT 3P	TNEC	54	NT	0	3	I&E
TNEC54 NT 4P	TNEC	54	NT	0	4	I&E
TNEC54 NTC 3P	TNEC	54	NTC	0	3	I&E
TNEC54 NTC 5P	TNEC	54	NTC	0	5	I&E
TNEC54 NEWVAM 755I	TNEC	54	NEWVAM	0.75"	5	I
TNEC54 NEWVAM 756I	TNEC	54	NEWVAM	0.75"	6	I
TNEC54 PJD 6.25% 6E	TNEC	54	PJD	6.25%	6	E
TNEC54 PJD 6.25% 6I	TNEC	54	PJD	6.25%	6	I
TNEC54 VAMACE 755I	TNEC	54	VAMACE	0.75"	5	I
TNEC54 VAMACE 756I	TNEC	54	VAMACE	0.75"	6	I
TNEC54 VAMACE/TOP 755E	TNEC	54	VAMACETOP	0.75"	5	E
TNEC54 VAMACE/TOP 755I	TNEC	54	VAMACETOP	0.75"	5	I
TNEC54 VAMACE/TOP 756E	TNEC	54	VAMACETOP	0.75"	6	E
TNEC54 VAMACE/TOP 756I	TNEC	54	VAMACETOP	0.75"	6	I
TNEC54 VAMFJLHW 10% 5E	TNEC	54	VAMFJLHW	10%	5	E
TNEC54 VAMFJLHW 10% 5I	TNEC	54	VAMFJLHW	10%	5	I
TNEC54 VAMNEWVAM 756E	TNEC	54	VAMNEWVAM	0.75"	6	E
TNEC54 VAMSL 10% 5E	TNEC	54	VAMSL	10%	5	E
TNEC54 VAMSL 10% 5I	TNEC	54	VAMSL	10%	5	I
TNEC54 VAMSL 11.11% 5E	TNEC	54	VAMSL	11.11%	5	E
TNEC54 VAMSL 11.11% 5I	TNEC	54	VAMSL	11.11%	5	I
TNEC54 VAMSL 13.33% 5E	TNEC	54	VAMSL	13.13%	5	E
TNEC54 VAMSL 13.33% 5I	TNEC	54	VAMSL	13.13%	5	I
TNEC54 VAMSL 6.67% 5E	TNEC	54	VAMSL	6.67%	5	E
TNEC54 VAMSL 6.67% 5I	TNEC	54	VAMSL	6.67%	5	I
TNEC54 VAMSLNB 13.33%5E	TNEC	54	VAMSLNB	13.33%	5	E
TNEC54 VAMSLNB 13.33%5I	TNEC	54	VAMSLNB	13.33%	5	I
TNEC54 VAMTOP 10% 5E	TNEC	54	VAMTOP	10%	5	E
TNEC54 VAMTOP 10% 5I	TNEC	54	VAMTOP	10%	5	I
TNEC54 VAMTOPSTD7504 756I	TNEC	54	VAMTOPSTD7504	0.75"	6	I
TNEC54 XL 125E	TNEC	54	XL	1.2"	5	E
TNEC54 XL 125I	TNEC	54	XL	1.2"	5	I
TNEC54 XL 156E	TNEC	54	XL	1.5"	6	E
TNEC54 XL 156I	TNEC	54	XL	1.5"	6	I
TNEC54F BDS 755I	TNEC	54F	BDS	0.75"	5	I
TNEC54F BUCA 15I	TNEC	54F	BUCA	1"	5	I
TNEC54F BUCA 755I	TNEC	54F	BUCA	0.75"	5	I
TNEC54F JFEFOX 755 I	TNEC	54F	JFEFOX	0.75"	5	I
TNEC54F JFEFOX 756 I	TNEC	54F	JFEFOX	0.75"	6	I
TNEC54F JFEFOX 758 I	TNEC	54F	JFEFOX	0.75"	8	I
TNEC54F JFEBEAR 756 I	TNEC	54F	JFEBEAR	0.75"	6	I
TNEC54F NK3SB 755 I	TNEC	54F	NK3SB	0.75"	5	I
TNEC54F NK3SB 758 I	TNEC	54F	NK3SB	0.75"	8	I
TNEC54F NSCC 755I	TNEC	54F	NSCC	0.75"	5	I
TNEC54F NSCT 756I	TNEC	54F	NSCT	0.75"	6	I
TNEC54F NEWVAM 755I	TNEC	54F	NEWVAM	0.75"	5	I
TNEC54F NEWVAM 756I	TNEC	54F	NEWVAM	0.75"	6	I
TNEC54F SL2S 6.25% 6I	TNEC	54F	SL2S	6.25%	6	I
TNEC54F VAMACE 754I	TNEC	54F	VAMACE	0.75"	4	I
TNEC54F VAMACE 755I	TNEC	54F	VAMACE	0.75"	4	I
TNEC54F VAMACE 756I	TNEC	54F	VAMACE	0.75"	6	I
TNEC54F VAMACEMOD 756I	TNEC	54F	VAMACEMOD	0.75"	6	I

ALPHA NUMERIC

Full Description	Blank	Size	Form	Taper	TPI	I/E
TNEC54F VAMFJLHW 10% 5E	TNEC	54F	VAMFJLHW	10%	5	E
TNEC54F VAMFJLHW 10% 5I	TNEC	54F	VAMFJLHW	10%	5	I
TNEC54F VAMHW12.5%4I	TNEC	54F	VAMHW	12.5%	4	I
TNEC54F VAMHWB18.18%4I	TNEC	54F	VAMHWB	18.18%	4	I
TNEC54F VAMPRO 10% 4I	TNEC	54F	VAMPRO	10%	4	I
TNEC54F VAMSL 10% 5I	TNEC	54F	VAMSL	10%	5	I
TNEC54F VAMSL 13.33% 5I	TNEC	54F	VAMSL	13.33%	5	I
TNEC54F VAMTOP 10% 5I	TNEC	54F	VAMTOP	10%	5	I
TNEC54F VAMTOP 754I	TNEC	54F	VAMTOP	0.75"	4	I
TNEC54F VAMTOP 755I	TNEC	54F	VAMTOP	0.75"	5	I
TNEC54F VAMTOP 756I	TNEC	54F	VAMTOP	0.75"	6	I
TNEC54F VAMTOPSTD7504756I	TNEC	54F	VAMTOPSTD7504	0.75"	6	I
TNEC54F XL 125E	TNEC	54F	XL	1.2"	5	E
TNEC54F XL 125I	TNEC	54F	XL	1.2"	5	I
TNEC54F XL 156E	TNEC	54F	XL	1.5"	6	E
TNEC54F XL 156I	TNEC	54F	XL	1.5"	6	I
TNEC55 AMS 8.5% 4E	TNEC	55	AMS	8.5%	4	E
TNEC55 AMS 8.5% 4I	TNEC	55	AMS	8.5%	4	I
TNEC55 AMS28 8.5% 4E	TNEC	55	AMS28	8.5%	4	E
TNEC55 AMS28 8.5% 4I	TNEC	55	AMS28	8.5%	4	I
TNEC55 NSHC 24E	TNEC	55	NSHC	2"	4	E
TNEC55 NSHC 24I	TNEC	55	NSHC	2"	4	I
TNEC55 V2035E	TNEC	55	V	3"	5	E
TNEC55 V2035I	TNEC	55	V	3"	5	I
TNEC55 V2524E	TNEC	55	V	2"	4	E
TNEC55 V2524I	TNEC	55	V	2"	4	I
TNEC55 V2534E	TNEC	55	V	3"	4	E
TNEC55 V2534I	TNEC	55	V	3"	4	I
TNEC55 V3824E	TNEC	55	V	2"	4	E
TNEC55 V3824I	TNEC	55	V	2"	4	I
TNEC55 VAMACE/TOP 754E	TNEC	55	VAMACETOP	0.75"	4	E
TNEC55 VAMHW 12.5%4E	TNEC	55	VAMHW	12.5%	4	E
TNEC55 VAMHW 12.5%4I	TNEC	55	VAMHW	12.5%	4	I
TNEC55 VAMHW18.18%4E	TNEC	55	VAMHW	18.18%	4	E
TNEC55 VAMHW18.18%4I	TNEC	55	VAMHW	18.18%	4	I
TNEC55 VAMHWB18.18%4E	TNEC	55	VAMHWB	18.18%	4	E
TNEC55 VAMHWB18.18%4I	TNEC	55	VAMHWB	18.18%	4	I
TNEC55 VAMHWST12.5%4E	TNEC	55	VAMHWST	12.5%	4	E
TNEC55 VAMHWST12.5%4I STD5800	TNEC	55	VAMHWST	12.5%	4	I
TNEC55 VAMPRO 8% 4E	TNEC	55	VAMPRO	8%	4	E
TNEC55 VAMPRO 8% 4I	TNEC	55	VAMPRO	8%	4	I
TNEC55 VAMTOP 754I	TNEC	55	VAMTOP	0.75"	4	I
TNEC66 VAMBIGOMEGA 163E	TNEC	66	VAMBIGOMEGA	1.6"	3	E
TNEC66 VAMBIGOMEGA 163I	TNEC	66	VAMBIGOMEGA	1.6"	3	I
TNEC66 NSTC 2P	TNEC	66	NSTC	0	2	I&E
TNEC66 NT 2P	TNEC	66	NT	0	2	I&E
TNEC66 NTC 2P	TNEC	66	NTC	0	2	I&E
TNEGX54F V2035	TNEGX	54F	V	3"	5	I&E
TNEGX54F V2524	TNEGX	54F	V	2"	4	I&E
TNEGX54F V2534	TNEGX	54F	V	3"	4	I&E
TNEGX54F V3824	TNEGX	54F	V	2"	4	I&E
TNEGX54F V3834	TNEGX	54F	V	3"	4	I&E

API THREADING SOLUTIONS

American Petroleum Institute threads:

- **API Spec 7C**
  Rotary Shouldered Thread forms:
  Covers all the thread forms used for:
  NC (Number Connections)
  REG (Regular)
  IF (Internal Flush)
  FH (Full Hole)

- Thread Forms:
  V0.038R(V0.065), V0.040, V0.050, V0.055

API Spec 5B
Casing, Tubing and Line Pipe threads:
Covers all the thread forms used for:

- Buttress Casing
- Round Casing
- Non Upset Tubing
- External Upset Tubing(Long)
- Integral Joint Tubing
- Line Pipe
- Extreme Line Casing

Thread Forms:
BUCA (755 ,15 tpi)
API RD (10, 8 tpi),
LP (27,18,14,11 ½,8 tpi)
ELC (5 tpi)

API BUTTRESS CASING

TANGENTIAL

ARTICLE CODE / DESCRIPTION	TPI	TPF	I.C.	GRADE PTX	GRADE MGX	GRADE DBC
TNEC 54 BUCA 15E	5	1"	5/8	*		
TNEC 54 BUCA 15E	5	1"	5/8		*	
TNEC 54 BUCA 15I	5	1"	5/8	*		
TNEC 54 BUCA 15I	5	1"	5/8		*	
TNEC 54 BVNV 755E	5	3/4	5/8	*		
TNEC 54 BVNV 755E	5	3/4	5/8		*	
TNEC 54 BUCA 755I	5	3/4	5/8	*		
TNEC 54 BUCA 755I	5	3/4	5/8		*	

LAYDOWN

ARTICLE CODE / DESCRIPTION	TPI	TPF	I.C.	GRADE PTX	GRADE MGX	GRADE DBC
TNEC 54F BUCA 15I	5	1"	5/8	*		
TNEC 54F BUCA 755I	5	3/4	5/8	*		

MULTI-POINT

ARTICLE CODE / DESCRIPTION	TPI	TPF	I.C.	GRADE PTX	GRADE MGX	GRADE DBC
CNMA 64 BUCA 15E3	5	1"	3/4	*		
CNGA 64 BUCA 15I3	5	1"	3/4	*		
CNMA 64 BVNV 755E2	5	3/4	3/4	*		
CNMA 64 BVNV 755E3	5	3/4	3/4	*		
CNMA 64 BVNV 755E3	5	3/4	3/4		*	
CNGA 64 BUCA 755I3	5	3/4	3/4	*		
CNMX BUCA 755I4	5	3/4		*		

API ROUND

TANGENTIAL

ARTICLE CODE / DESCRIPTION	TPI	TPF	I.C.	GRADE PTX	GRADE MGX	GRADE DBC
TNEC 43 10RDE	10	3/4	1/2	*		
TNEC 43 10RDE	10	3/4	1/2		*	
TNEC 43 10RDI	10	3/4	1/2	*		
TNEC 43 10 RDI	10	3/4	1/2		*	
TNEC 43 10RDEN	10	3/4	1/2	*		
TNEC 43 10RDIN	10	3/4	1/2	*		
TNEC 43 8RDE	8	3/4	1/2	*		
TNEC 43 8RDEN	8	3/4	1/2	*		
TNEC 43 8RDI	8	3/4	1/2	*		
TNEC 43 8RDIN	8	3/4	1/2	*		

MULTI-POINT

ARTICLE CODE / DESCRIPTION	TPI	TPF	I.C.	GRADE PTX	GRADE MGX	GRADE DBC
CNMA 64 RD758E4	8	3/4	3/4	*		
CNMA 64 RD758I4	8	3/4	3/4	*		

API ROTARY SHOULDER

LAYDOWN
DOUBLE SIDED

ARTICLE CODE / DESCRIPTION	TPI	TPF	I.C.	GRADE PTX	GRADE MGX	GRADE DBC
TNEGX 54F V2035 E&I	5	3	5/8	*		
TNEGX 54F V2524 E&I	4	2	5/8	*		
TNEGX 54F V2534 E&I	4	3	5/8	*		
TNEGX 54F V3824 E&I	4	2	5/8	*		
TNEGX 54F V3834 E&I	4	3	5/8	*		

API ROTARY SHOULDER

TANGENTIAL

ARTICLE CODE / DESCRIPTION	TPI	TPF	I.C.	GRADE PTX	GRADE MGX	GRADE DBC
TNEC 55 5API 404 E	5	3	5/8	*		
TNEC 55 5API 404 I	5	3	5/8	*		
TNEC 55 4API 506 E	4	2	5/8	*		
TNEC 55 4API 506 I	4	2	5/8	*		
TNEC 55 4API 504 E	4	3	5/8	*		
TNEC 55 4API 504 I	4	3	5/8	*		
TNEC 55 4API 386 E	4	2	5/8	*		
TNEC 55 4API 386 I	4	2	5/8	*		
TNEC 55 4API 384 E	4	3	5/8	*		
TNEC 55 4API 384 I	4	3	5/8	*		

LAYDOWN

ARTICLE CODE / DESCRIPTION	TPI	TPF	I.C.	GRADE PTX	GRADE MGX	GRADE DBC
22ER 4API 386	4	2	1/2	*		
22NR 4API 386	4	2	1/2	*		
22ER 4API 384	4	3	1/2	*		
22NR 4API 384	4	3	1/2	*		
27ER 4API 386	4	2	5/8			
27NR 4API 386	4	2	5/8	*		
27ER 4API 384	4	3	5/8	*		
27NR 4API 384	4	3	5/8	*		
22ER 5API 404	5	3	1/2	*		
22NR 5API 404	5	3	1/2	*		
27ER 4API 506	4	2	5/8	*		
27NR 4API 506	4	2	5/8	*		
27ER 4API 504	4	3	5/8	*		
27NR 4API 504	4	3	5/8	*		
22ER 6API 558	6	1.5	1/2	*		
22NR 6API 558	6	1.5	1/2	*		
27ER 4API 656	4	2	5/8	*		
27NR 4API 656	4	2	5/8	*		

ROUGHERS

MULTI-POINT

ARTICLE CODE / DESCRIPTION	TPI	TAPER	I.C.	GRADE PTX	GRADE MGX	GRADE DBC
BUTTRESS						
CNMA RGH 755E3	5	3/4	3/4	*		
CNMA BVNV R5E3	5	3/4	3/4	*		
CNMX BVNV R5E4	5	3/4	20.5	*		
CNMX BVNV R5E4	5	3/4	20.5		*	
CNMX BVNV R5E4	5	3/4	20.5	*		
CNGA 64 BUCA R5I2	5	3/4	3/4	*		

API LINE PIPE

TANGENTIAL

ARTICLE CODE / DESCRIPTION	TPI	TPF	I.C.	GRADE PTX	GRADE MGX	GRADE DBC
TNEC 43 VFT 75115E	11.5	3/4	1/2	*		
TNEC 43 VFT 758E	8	3/4	1/2	*		
TNEC 43 VFT 758I	8	3/4	1/2	*		

API AOH

LAYDOWN

ARTICLE CODE / DESCRIPTION	TPI	TPF	I.C.	GRADE PTX	GRADE MGX	GRADE DBC
TNEA 43F AOH 154 E	4	1.5	1/2	*		
TNEA 43F AOH 154 I	4	1.5	1/2	*		

ACME

TANGENTIAL (Without break edge)

ARTICLE CODE / DESCRIPTION	TPI	TPF	I.C.	GRADE PTX	GRADE MGX	GRADE DBC
TNEC 43 NT 4P	4	0	1/2	*		
TNEC 43 NT 4P	4	0	1/2		*	
TNEC 43 NT 6P	6	0	1/2	*		
TNEC 43 NT 8P	8	0	1/2	*		
TNEC 43 NT 10P	10	0	1/2	*		
TNEC 43 NT 10P	10	0	1/2		*	
TNEC 43 NT 12P	12	0	1/2	*		
TNEC 54 NT 4P	4	0	5/8	*		
TNEC 54 NT 3P	3	0	5/8	*		
TNEC 66 NT 2P	2	0	3/4	*		

TANGENTIAL (With break edge)

ARTICLE CODE / DESCRIPTION	TPI	TPF	I.C.	GRADE PTX	GRADE MGX	GRADE DBC
TNEC 32 NTC 8P	8	0	3/8	*		
TNEC 43 NTC 4P	4	0	1/2	*		
TNEC 43 NTC 4P	4	0	1/2		*	
TNEC 43 NTC 5P	5	0	1/2	*		
TNEC 43 NTC 5P	5	0	1/2		*	
TNEC 43 NTC 6P	6	0	1/2	*		
TNEC 43 NTC 6P	6	0	1/2		*	
TNEC 43 NTC 8P	8	0	1/2	*		
TNEC 43 NTC 8P	8	0	1/2		*	
TNEC 43 NTC 10P	10	0	1/2	*		
TNEC 43 NTC 10P	10	0	1/2		*	
TNEC 43 NTC 12P	12	0	1/2	*		
TNEC 54 NTC 5P	5	0	5/8	*		
TNEC 54 NTC 3P	3	0	5/8		*	
TNEC 54 NTC 3P	3	0	5/8	*		
TNEC 66 NTC 2P	2	0	3/4	*		

STUB ACME

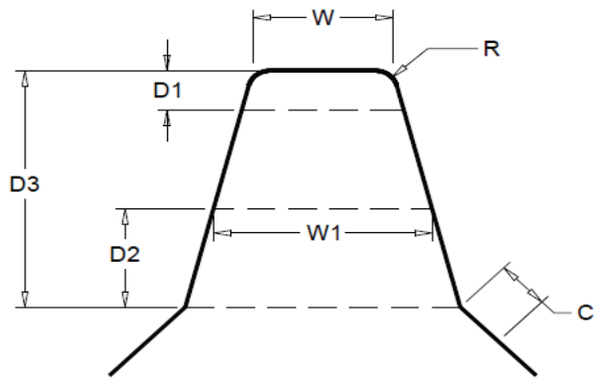
TANGENTIAL (Without break edge)

ARTICLE CODE / DESCRIPTION	TPI	TPF	I.C.	GRADE PTX	GRADE MGX	GRADE DBC
TNEC 32 NST 10P	10	0	3/8	*		
TNEC 32 NST 12P	12	0	3/8	*		
TNEC 32 NST 8P	8	0	3/8	*		
TNEC 43 NST 4P	4	0	1/2	*		
TNEC 43 NST 6P	6	0	1/2	*		
TNEC 43 NST 6P	6	0	1/2		*	
TNEC 43 NST 8P	8	0	1/2	*		
TNEC 43 NST 10P	10	0	1/2	*		
TNEC 43 NST 12P	12	0	1/2	*		
TNEC 54 NST 4P	4	0	5/8	*		

TANGENTIAL (With break edge)

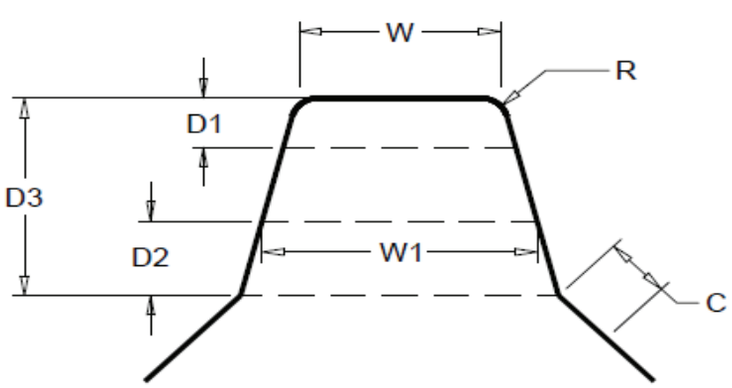
ARTICLE CODE / DESCRIPTION	TPI	TPF	I.C.	GRADE PTX	GRADE MGX	GRADE DBC
TNEC 32 NSTC 8P	8	0	3/8	*		
TNEC 43 NSTC 4P	4	0	1/2	*		
TNEC 43 NSTC 4P	4	0	1/2		*	
TNEC 43 NSTC 5P	5	0	1/2	*		
TNEC 43 NSTC 5P	5	0	1/2		*	
TNEC 43 NSTC 6P	6	0	1/2	*		
TNEC 43 NSTC 6P	6	0	1/2		*	
TNEC 43 NSTC 8P	8	0	1/2	*		
TNEC 43 NSTC 8P	8	0	1/2		*	
TNEC 43 NSTC 10P	10	0	1/2	*		
TNEC 43 NSTC 10P	10	0	1/2		*	
TNEC 43 NSTC 12P	12	0	1/2	*		
TNEC 43 NSTC 12P	12	0	1/2		*	
TNEC 43 NSTC 14P	14	0	1/2	*		
TNEC 54 NSTC 4P	4	0	5/8	*		
TNEC 54 NSTC 3P	3	0	5/8	*		
TNEC 54 NSTC 3P	3	0	5/8		*	
TNEC 66 NSTC 2P	2	0	3/4	*		

ACME



	PITCH	W	W1	D1	D2	D3	C Min	C Max	R
16	0.0625	0.0206	0.0313	0.005	0.0156	0.0363	0.0044	0.0059	0.0025
14	0.0714	0.0239	0.0357	0.005	0.0179	0.0407	0.0051	0.0068	0.0025
12	0.0833	0.0283	0.0417	0.005	0.0208	0.0467	0.0059	0.0079	0.0025
10	0.1000	0.0319	0.0500	0.01	0.0250	0.0600	0.0071	0.0095	0.005
8	0.1250	0.0412	0.0625	0.01	0.0313	0.0725	0.0088	0.0118	0.005
6	0.1667	0.0566	0.0833	0.01	0.0417	0.0933	0.0118	0.0158	0.005
5	0.2000	0.0690	0.1000	0.01	0.0500	0.1100	0.0141	0.0189	0.005
4	0.2500	0.0875	0.1250	0.01	0.0625	0.1350	0.0177	0.0236	0.005
3	0.3333	0.1184	0.1667	0.01	0.0833	0.1767	0.0236	0.0315	0.005
2.5	0.4000	0.1431	0.2000	0.01	0.1000	0.2100	0.0283	0.0378	0.005
2	0.5000	0.1802	0.2500	0.01	0.1250	0.2600	0.0354	0.0473	0.005
1.5	0.6667	0.2420	0.3333	0.01	0.1667	0.3433	0.0471	0.0630	0.005
1	1.0000	0.3655	0.5000	0.01	0.2500	0.5100	0.0707	0.0945	0.005

STUB ACME



	PITCH	W	W1	D1	D2	D3	C Min	C Max	R
16	0.0625	0.0238	0.0313	0.005	0.0094	0.0238	0.0044	0.0059	0.0025
14	0.0714	0.0276	0.0357	0.005	0.0107	0.0264	0.0051	0.0068	0.0025
12	0.0833	0.0326	0.0417	0.005	0.0125	0.0300	0.0059	0.0079	0.0025
10	0.1000	0.0371	0.0500	0.01	0.0150	0.0400	0.0071	0.0095	0.005
8	0.1250	0.0476	0.0625	0.01	0.0188	0.0475	0.0088	0.0118	0.005
6	0.1667	0.0652	0.0833	0.01	0.0250	0.0600	0.0118	0.0158	0.005
5	0.2000	0.0793	0.1000	0.01	0.0300	0.0700	0.0141	0.0189	0.005
4	0.2500	0.1004	0.1250	0.01	0.0375	0.0850	0.0177	0.0236	0.005
3	0.3333	0.1356	0.1667	0.01	0.0500	0.1100	0.0236	0.0315	0.005
2.5	0.4000	0.1638	0.2000	0.01	0.0600	0.1300	0.0283	0.0378	0.005
2	0.5000	0.2060	0.2500	0.01	0.0750	0.1600	0.0354	0.0473	0.005
1.5	0.6667	0.2764	0.3333	0.01	0.1000	0.2100	0.0471	0.0630	0.005
1	1.0000	0.4172	0.5000	0.01	0.1500	0.3100	0.0707	0.0945	0.005

GRADES / SPEEDS & FEEDS (METRIC)

General Purpose

PTC2	**TiN** coating is a multi purpose coating suited to low and medium cutting speeds. *Wear Resistance*

Premium Grades

PTX	**AlTiN** very good all round grade increased tool life over PTC2 by up to 50%. *Wear Resistance, Heat resistance*
DBC	**TiSiN** developed for hard materials, High Chrome Steels and Exotic Materials. *Wear Resistance and Oxidation resistance at cutting temperatures of over 1000* °C

	Metres per Minute		
Oil Field Material Spec	**PTC2**	**PTX**	**DBC**
1018 Low Carbon Steel	122/140	145/165	
4140 (18/22) L80 EN19 EN24 EN34	122/140	145/165	
9%-13% Chrome	122/140	145/165	
4140 (30-36)	77/102	90/120	
4145 (36)	77/102	90/120	90/120
T316-17-4PH	90/115	105/135	105/135
410 Stainless	115/128	135/150	135/150
Super 13% 95KSI	115/128	135/150	135/150
Inconel 625	29/46	35/55	35/55
Inconel 925	26/36	30/42	30/42
Inconel 718	23/28	27/33	27/33
K Monel	30/60	30/60	30/60
25% Chrome	51/64	60/75	60/75
Super 13% 95KSI	89/102	105/120	105/120
General Steels			
Low/Med Carbon Steel	150/200	210/250	
High Carbon Steel	130/180	150/210	
Alloy Heat Treated Steel	120/150	140/180	
Stainless Steel	110/140	150/200	
Cast Iron HB 180-250	110/140	130/180	
Non Ferrous Materials	200/250	200/300	
Aerospace Type Materials	30/60	40/80	40/80

GRADES / SPEEDS & FEEDS (IMPERIAL)

General Purpose

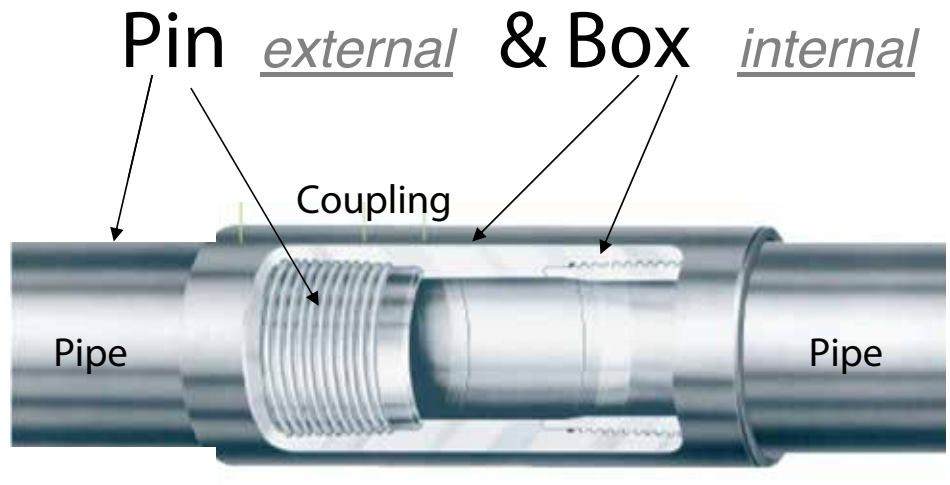
PTC2	**TiN** coating is a multi purpose coating suited to low and medium cutting speeds. *Wear Resistance*

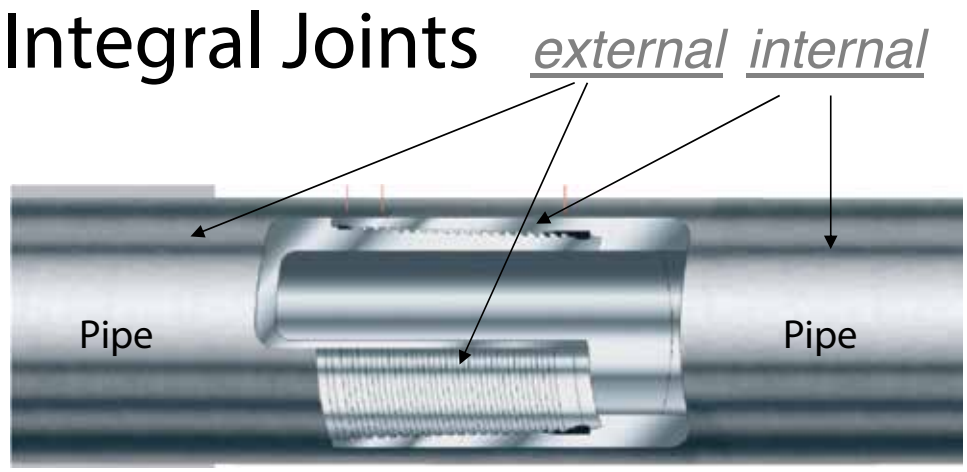
Premium Grades

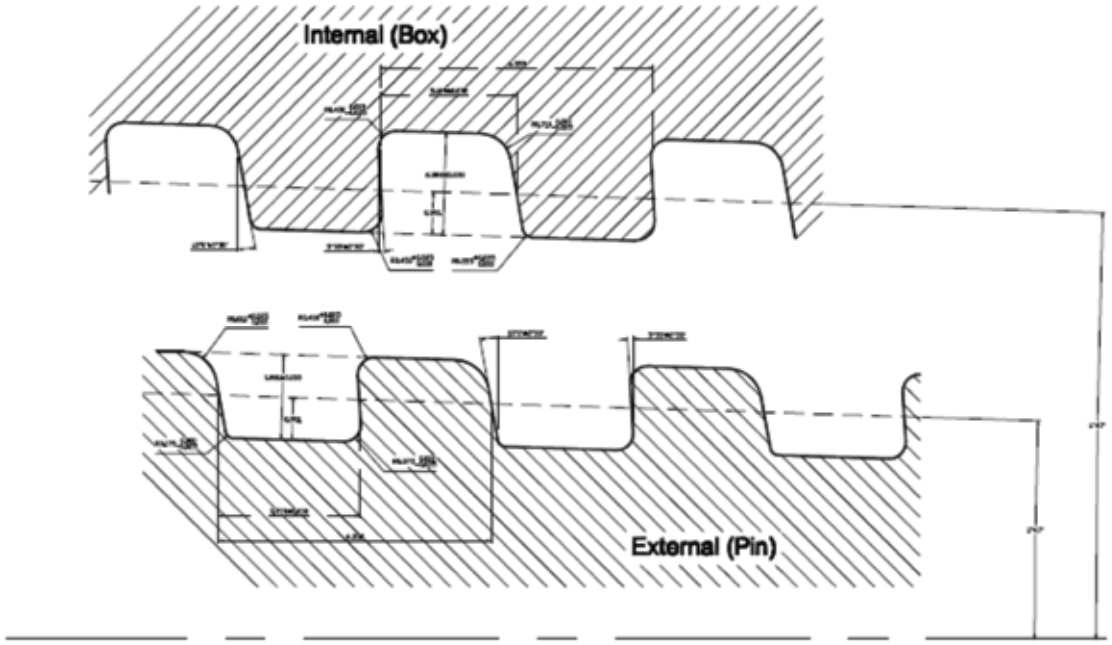
PTX	**AlTiN** very good all round grade increased tool life over PTC2 by up to 50%. *Wear Resistance, Heat resistance*
DBC	**TiSiN** developed for hard materials, High Chrome Steels and Exotic Materials. *Wear Resistance and Oxidation resistance at cutting temperatures of over 1000* °C

	Feet per Minute		
Oil Field Material Spec	**PTC2**	**PTX**	**DBC**
1018 Low Carbon Steel	400/460	475/540	
4140 (18/22) L80 EN19 EN24 EN34	400/460	475/540	
9%-13% Chrome	400/460	475/540	
4140 (30-36)	255/355	295/395	
4145 (36)	255/355	295/395	
T316-17-4PH	295/375	345/445	345/445
410 Stainless	375/420	445/490	445/490
Super 13% 95KSI	375/420	445/490	445/490
Inconel 625	95/150	115/180	115/180
Inconel 925	85/115	100/140	100/140
Inconel 718	75/90	90/110	90/110
K Monel	100/195	100/195	100/195
25% Chrome	165/210	200/250	200/250
Super 13% 95KSI	290/335	340/395	340/395
General Steels			
Low/Med Carbon Steel	490/655	690/820	
High Carbon Steel	430/590	490/690	
Alloy Heat Treated Steel	395/490	460/590	
Stainless Steel	360/460	490/655	
Cast Iron HB 180-250	360/460	425/590	
Non Ferrous Materials	655/820	655/900	
Aerospace Type Materials	100/195	130/260	130/260

THREADING IDENTIFICATION







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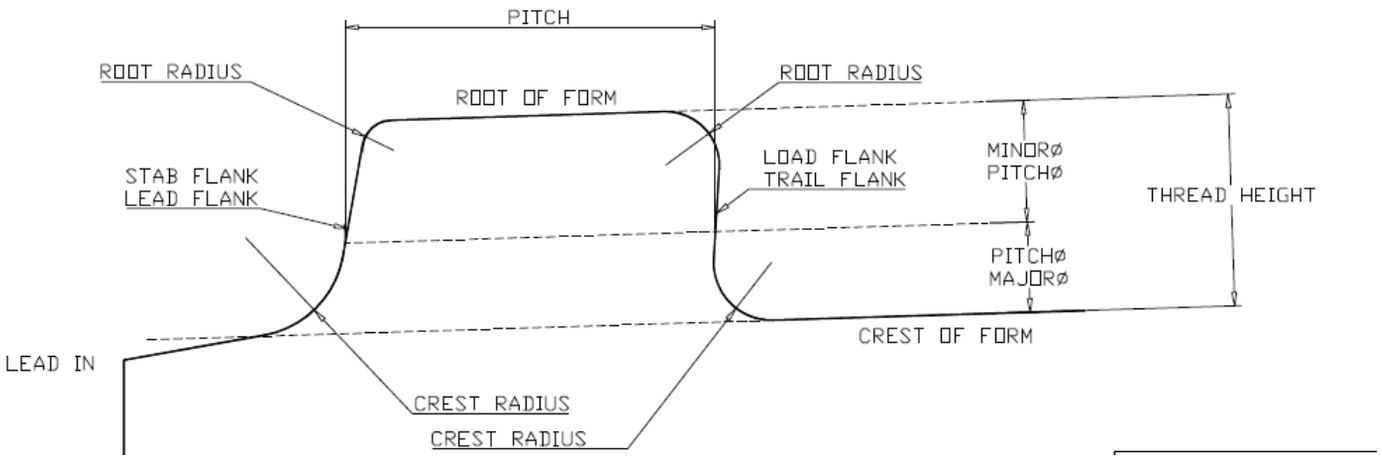

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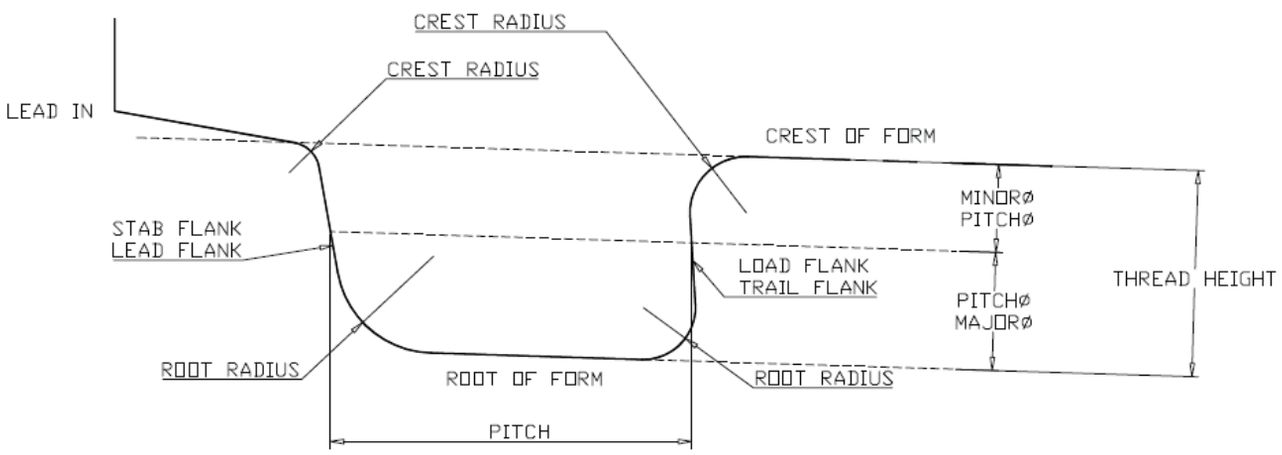
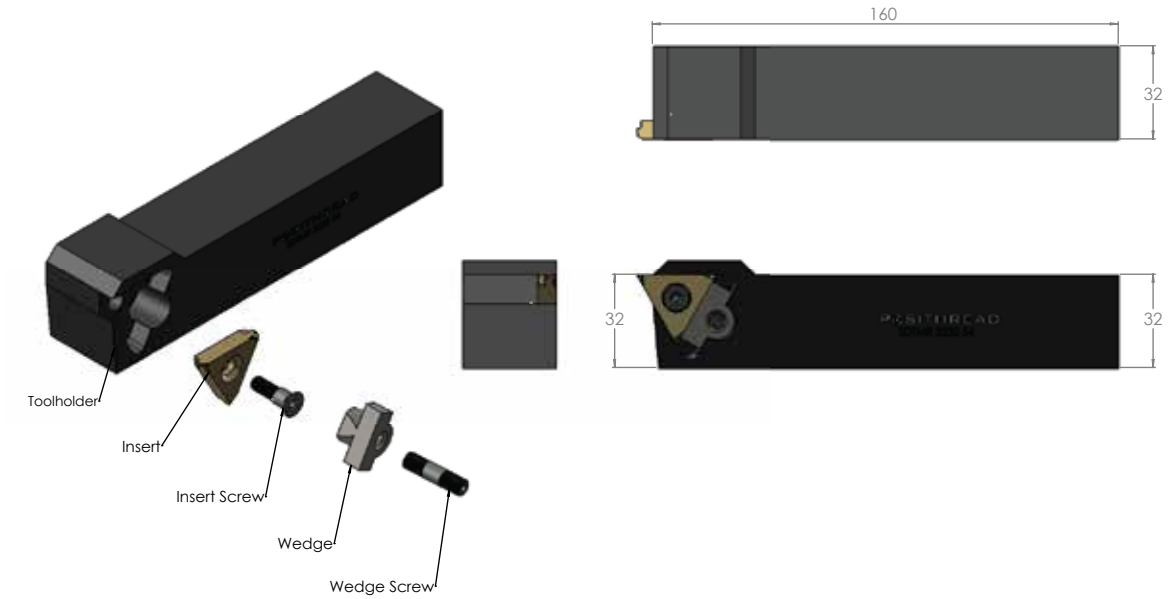
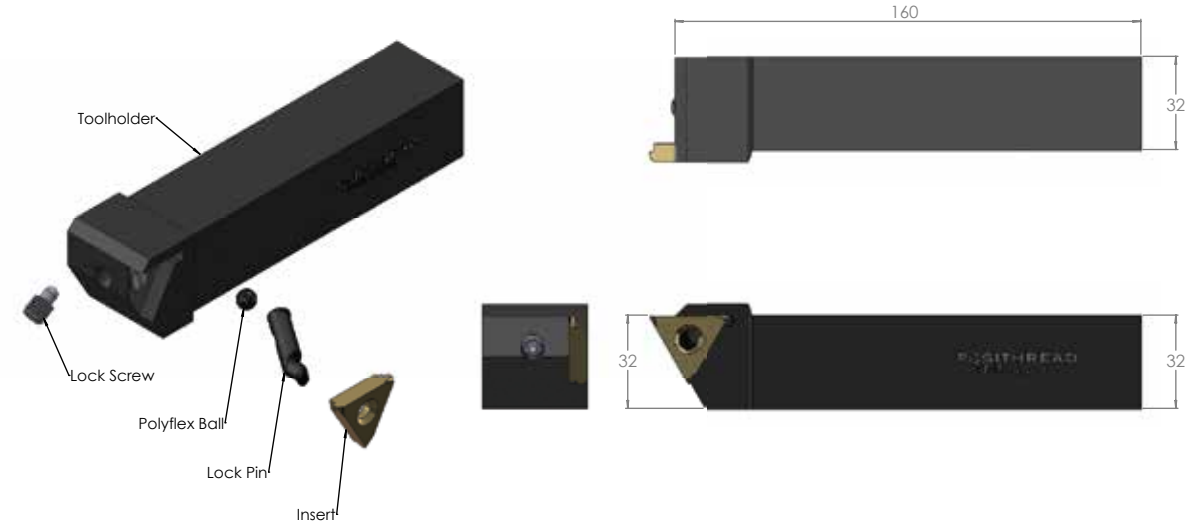


SDTMR TOOLING



Toolholder	Insert Size	Insert Screw	Wedge	Wedge Screw
SDTMR/L 3232-54 WEDGE	TNEC54	MSD-3	W4M MOD	LS-130
SDTMR/L 3232-55 WEDGE	TNEC55	MSD-3	W4M MOD	LS-130
SDTMR/L 3232-56 WEDGE	TNEC56	MSD-3	W4M MOD	LS-130
SDTMR/L 3232-66 WEDGE	TNEC66	MSD-4	W4M MOD	LS-130
SDTMR/L 3232-68 WEDGE	TNEC68	MSD-4	W4M MOD	LS-130
SDTMR/L 3232-69 WEDGE	TNEC69	MSD-4	W4M MOD	LS-130

PTMR TOOLING



Toolholder	Lock Screw	Polyflex Ball	Lock Pin	Insert Size
PTMR/L 2525-32	PT-626	3/16"	TG-32	TNEC32
PTMR/L 3232-32	PT-626	3/16"	TG-32	TNEC32
PTMR/L 2525-43	PT-627	7/32"	TG-43	TNEC43
PTMR/L 3232-43	PT-627	7/32"	TG-43	TNEC43
PTMR/L 2525-54	PT-628	9/32"	TG-54	TNEC54 / TNEC55
PTMR/L 3232-54	PT-628	9/32"	TG-54	TNEC54 / TNEC55
PTMR/L 4040-54	PT-628	9/32"	TG-54	TNEC54 / TNEC55
PTMR/L 3232-66	PT-629	3/8"	TG-66	TNEC66
PTMR/L 4040-66	PT-629	3/8"	TG-66	TNEC66

M-PGTBR TOOLING

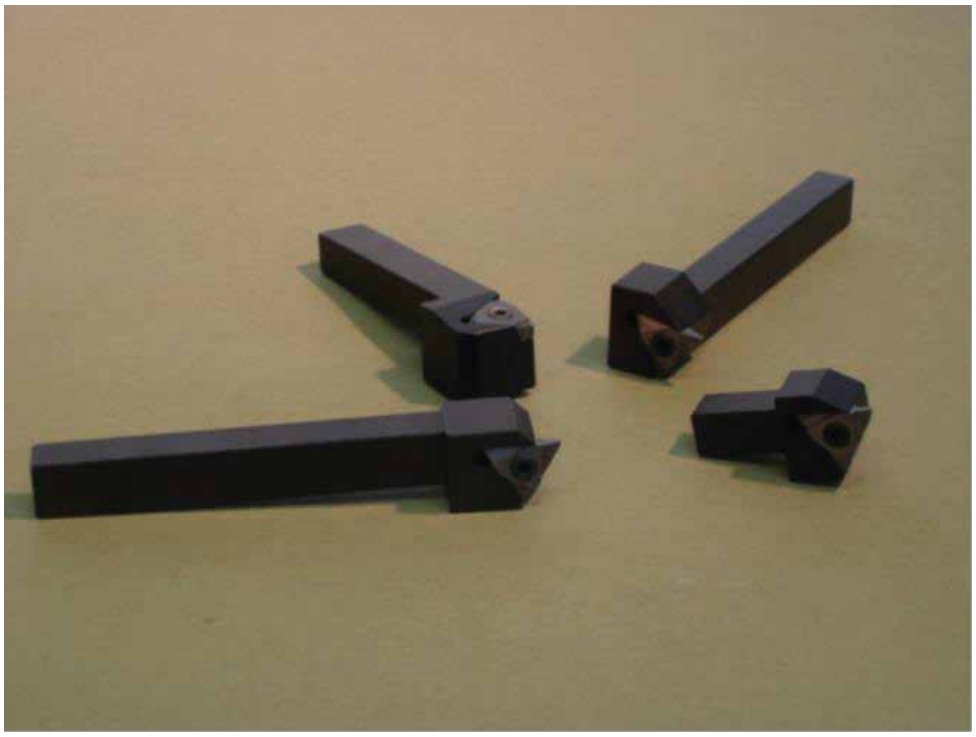
Toolholder	Polyflex Ball	Lock Pin	Insert	Lock Screw	D Ø (mm.)	L (mm.)	Min. Bore Ø (mm.)
M-PGTBR/L 140-32	3/16"	TG-32	TNEC32	PT-626	32.0	350	42.2
M-PGTBR/L 174-32	3/16"	TG-32	TNEC32	PT-626	40.0	350	48.5
M-PGTBR/L 150-43	7/32"	TG-43	TNEC43	PT-627	32.0	350	49.1
M-PGTBR/L 173-43	7/32"	TG-43	TNEC43	PT-627	40.0	350	52.2
M-PGTBR/L 226-43	7/32"	TG-43	TNEC43	PT-627	50.0	400	64.4
M-PGTBR/L 238-54	9/32"	TG-54	TNEC54	PT-628	50.0	400	64.4
M-PGTBR/L 288-54	9/32"	TG-54	TNEC54	PT-628	60.0	400	72.8

SPECIAL TOOLING

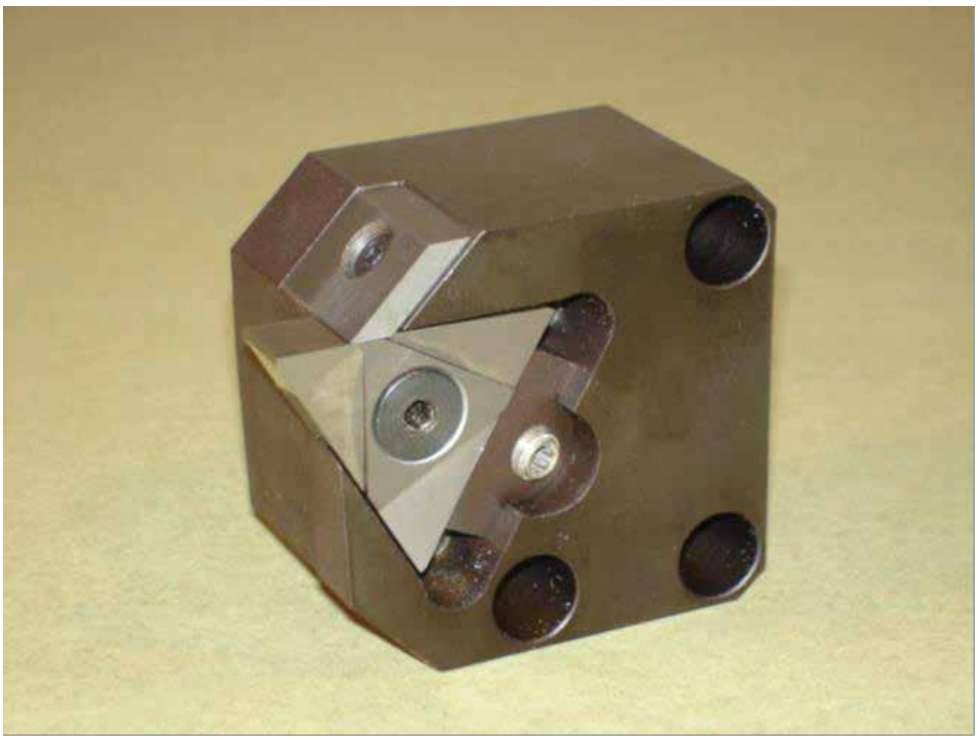
DOUBLE LOCK CARTRIDGES

SPECIAL TOOLING

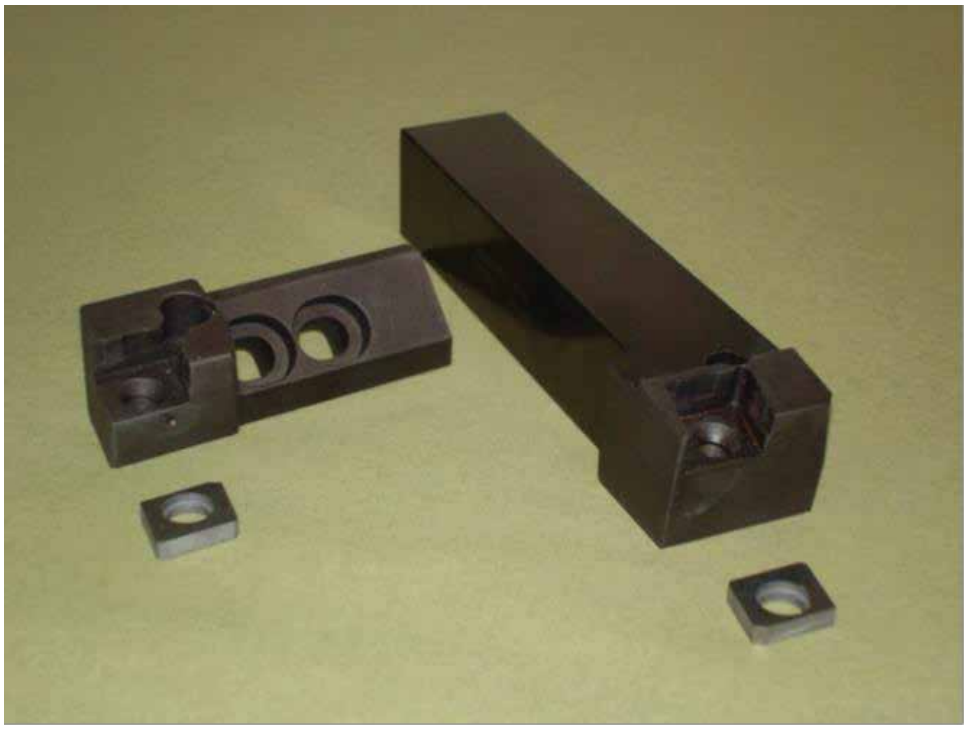
SCREW TYPE TOOLING



WEDGE LOCK CARTRIDGES



CNGA64 TOOLING AND CARTRIDGES



NOTES

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