


**ABOUT US** Threadex Cutting Tools is a cutting tools solution provider with an extensive range of inserts ranging from turning, milling, drilling, PCD & CBN, ceramic inserts. Our promise is to deliver good quality products to use in the Metal Machining Industry. We are also able to provide technical support if needed. We hope to be able to solve any problems that you might have.

For more details please contact us at  
[sales@threadextools.com](mailto:sales@threadextools.com)

#### CONTACT INFO

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Pearland, Texas,  
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[www.threadextools.com](http://www.threadextools.com)

THREADING

TURNING

MILLING

CERAMIC

CERMET

CBN

PCD



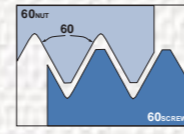
**INSERTS FOR  
ALL MACHINING  
SOLUTIONS**



# THREADING INSERTS

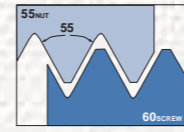
## Partial Profile 60° Laydown External / Internal

Pitch	Right Hand	Left Hand
48-16	16ER A60 / 16IR A60	16EL A60 / 16IL A60
14-8	16ER G60 / 16IR G60	16EL G60 / 16IL G60
48-8	16ER AG60 / 16IR AG60	16EL AG60 / 16IL AG60



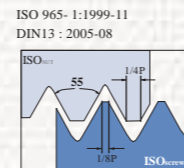
## Partial Profile 55° Laydown External / Internal

Pitch	Right Hand	Left Hand
48-16	16ER A55 / 16IR A55	16EL A55 / 16IL A55
14-8	16ER G55 / 16IR G55	16EL G55 / 16IL G55
48-8	16ER AG55 / 16IR AG55	16EL AG55 / 16IL AG55



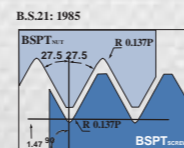
## ISO METRIC Laydown External / Internal

Pitch	Right Hand	Left Hand
3.00	16ER 3.0ISO / 16IR 3.0ISO	16EL 3.0ISO / 16IL 3.0ISO
2.50	16ER 2.5ISO / 16IR 2.5ISO	16EL 2.5ISO / 16IL 2.5ISO
2.00	16ER 2.0ISO / 16IR 2.0ISO	16EL 2.0ISO / 16IL 2.0ISO
1.75	16ER 1.75ISO / 16IR 1.75ISO	16EL 1.75ISO / 16IL 1.75ISO
1.50	16ER 1.5ISO / 16IR 1.5ISO	16EL 1.5ISO / 16IL 1.5ISO
1.25	16ER 1.25ISO / 16IR 1.25ISO	16EL 1.25ISO / 16IL 1.25ISO
1.00	16ER 1.0ISO / 16IR 1.0ISO	16EL 1.0ISO / 16IL 1.0ISO
0.80	16ER 0.8ISO / 16IR 0.8ISO	16EL 0.8ISO / 16IL 0.8ISO
0.75	16ER 0.75ISO / 16IR 0.75ISO	16EL 0.75ISO / 16IL 0.75ISO
0.70	16ER 0.7ISO / 16IR 0.7ISO	16EL 0.7ISO / 16IL 0.7ISO
0.60	16ER 0.6ISO / 16IR 0.6ISO	16EL 0.6ISO / 16IL 0.6ISO
0.50	16ER 0.5ISO / 16IR 0.5ISO	16EL 0.5ISO / 16IL 0.5ISO
0.45	16ER 0.45ISO / 16IR 0.45ISO	16EL 0.45ISO / 16IL 0.45ISO
0.40	16ER 0.4ISO / 16IR 0.4ISO	16EL 0.4ISO / 16IL 0.4ISO
0.35	16ER 0.35ISO / 16IR 0.35ISO	16EL 0.35ISO / 16IL 0.35ISO



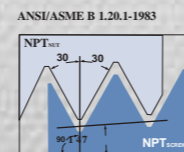
## BSPT Laydown External / Internal

Pitch	Right Hand	Left Hand
28	16ER 28BSPT / 16IR 28BSPT	16EL 28BSPT / 16IL 28BSPT
19	16ER 19BSPT / 16IR 19BSPT	16EL 19BSPT / 16IL 19BSPT
14	16ER 14BSPT / 16IR 14BSPT	16EL 14BSPT / 16IL 14BSPT
11	16ER 11BSPT / 16IR 11BSPT	16EL 11BSPT / 16IL 11BSPT



## NPT Laydown External / Internal

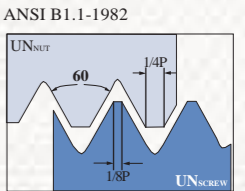
Pitch	Right Hand	Left Hand
27	16ER 27NPT / 16IR 27NPT	16EL 27NPT / 16IL 27NPT
18	16ER 18NPT / 16IR 18NPT	16EL 18NPT / 16IL 18NPT
14	16ER 14NPT / 16IR 14NPT	16EL 14NPT / 16IL 14NPT
11.5	16ER 11.5NPT / 16IR 11.5NPT	16EL 11.5NPT / 16IL 11.5NPT
8	16ER 8NPT / 16IR 8NPT	16EL 8NPT / 16IL 8NPT



# THREADING INSERTS

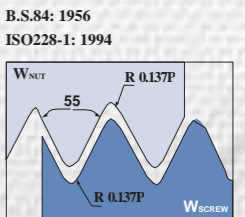
## UN THREAD Laydown External / Internal

Pitch	Right Hand	Left Hand
72	16ER 72UN / 16IR 72UN	16EL 72UN / 16IL 72UN
64	16ER 64UN / 16IR 64UN	16EL 64UN / 16IL 64UN
56	16ER 56UN / 16IR 56UN	16EL 56UN / 16IL 56UN
48	16ER 48UN / 16IR 48UN	16EL 48UN / 16IL 48UN
44	16ER 44UN / 16IR 44UN	16EL 44UN / 16IL 44UN
40	16ER 40UN / 16IR 40UN	16EL 40UN / 16IL 40UN
36	16ER 36UN / 16IR 36UN	16EL 36UN / 16IL 36UN
32	16ER 32UN / 16IR 32UN	16EL 32UN / 16IL 32UN
28	16ER 28UN / 16IR 28UN	16EL 28UN / 16IL 28UN
27	16ER 27UN / 16IR 27UN	16EL 27UN / 16IL 27UN
24	16ER 24UN / 16IR 24UN	16EL 24UN / 16IL 24UN
20	16ER 20UN / 16IR 20UN	16EL 20UN / 16IL 20UN
18	16ER 18UN / 16IR 18UN	16EL 18UN / 16IL 18UN
16	16ER 16UN / 16IR 16UN	16EL 16UN / 16IL 16UN
14	16ER 14UN / 16IR 14UN	16EL 14UN / 16IL 14UN
13	16ER 13UN / 16IR 13UN	16EL 13UN / 16IL 13UN
12	16ER 12UN / 16IR 12UN	16EL 12UN / 16IL 12UN
11	16ER 11UN / 16IR 11UN	16EL 11UN / 16IL 11UN
10	16ER 10UN / 16IR 10UN	16EL 10UN / 16IL 10UN
9	16ER 9UN / 16IR 8UN	16EL 9UN / 16IL 8UN
8	16ER 8UN / 16IR 8UN	16EL 8UN / 16IL 8UN



## WHITWORTH Laydown External / Internal

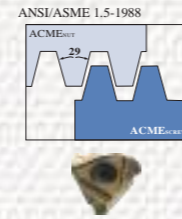
Pitch	Right Hand	Left Hand
72	16ER 72W / 16IR 72W	16EL 72W / 16IL 72W
60	16ER 60W / 16IR 60W	16EL 60W / 16IL 60W
56	16ER 56W / 16IR 56W	16EL 56W / 16IL 56W
48	16ER 48W / 16IR 48W	16EL 48W / 16IL 48W
40	16ER 40W / 16IR 40W	16EL 40W / 16IL 40W
36	16ER 36W / 16IR 36W	16EL 36W / 16IL 36W
32	16ER 32W / 16IR 32W	16EL 32W / 16IL 32W
28	16ER 28W / 16IR 28W	16EL 28W / 16IL 28W
26	16ER 26W / 16IR 26W	16EL 26W / 16IL 26W
24	16ER 24W / 16IR 24W	16EL 24W / 16IL 24W
22	16ER 22W / 16IR 22W	16EL 22W / 16IL 22W
20	16ER 20W / 16IR 20W	16EL 20W / 16IL 20W
19	16ER 19W / 16IR 19W	16EL 19W / 16IL 19W
18	16ER 18W / 16IR 18W	16EL 18W / 16IL 18W
16	16ER 16W / 16IR 16W	16EL 16W / 16IL 16W
14	16ER 14W / 16IR 14W	16EL 14W / 16IL 14W
12	16ER 12W / 16IR 12W	16EL 12W / 16IL 12W
11	16ER 11W / 16IR 11W	16EL 11W / 16IL 11W
10	16ER 10W / 16IR 10W	16EL 10W / 16IL 10W
9	16ER 9W / 16IR 9W	16EL 9W / 16IL 9W
8	16ER 8W / 16IR 8W	16EL 8W / 16IL 8W



# THREADING INSERTS

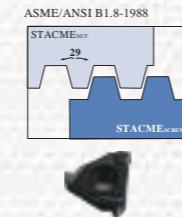
**ACME**  
Laydown External / Internal

Pitch	Right Hand	Left Hand
16	16ER 16ACME / 16IR 16ACME	16EL 16ACME / 16IL 16ACME
14	16ER 14ACME / 16IR 14ACME	16EL 14ACME / 16IL 14ACME
12	16ER 12ACME / 16IR 12ACME	16EL 12ACME / 16IL 12ACME
10	16ER 10ACME / 16IR 10ACME	16EL 10ACME / 16IL 10ACME
8	16ER 8ACME / 16IR 8ACME	16EL 8ACME / 16IL 8ACME



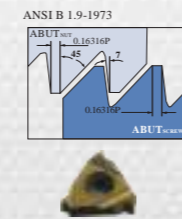
**STUB ACME**  
Laydown External / Internal

Pitch	Right Hand	Left Hand
16	16ER 16STACME / 16IR 16STACME	16EL 16STACME / 16IL 16STACME
14	16ER 14STACME / 16IR 14STACME	16EL 14STACME / 16IL 14STACME
12	16ER 12STACME / 16IR 12STACME	16EL 12STACME / 16IL 12STACME
10	16ER 10STACME / 16IR 10STACME	16EL 10STACME / 16IL 10STACME
8	16ER 8STACME / 16IR 8STACME	16EL 8STACME / 16IL 8STACME
6	16ER 6STACME / 16IR 6STACME	16ER 6STACME / 16IR 6STACME



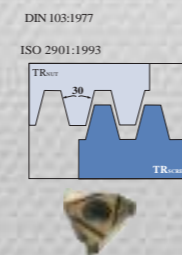
**AMERICAN BUTTRESS**  
Laydown External / Internal

Pitch	Right Hand	Left Hand
20	16ER 20ABUT / 16IR 20ABUT	16EL 20ABUT / 16IR 20ABUT
16	16ER 16ABUT / 16IR 16ABUT	16EL 16ABUT / 16IL 16ABUT
12	16ER 12ABUT / 16IR 12ABUT	16EL 12ABUT / 16IL 12ABUT
10	16ER 10ABUT / 16IR 10ABUT	16EL 10ABUT / 16IL 10ABUT



**TRAPEZ**  
Laydown External / Internal

Pitch	Right Hand	Left Hand
3	16ER 3TR / 16IR 3TR	16EL 3TR / 16IL 3TR
2	16ER 2TR / 16IR 2TR	16EL 2TR / 16IL 2TR
1.5	16ER 1.5TR / 16IR 1.5TR	16EL 1.5TR / 16IL 1.5TR
4.0	22ER 4.0TR / 22IR 4.0TR	22EL 4.0TR / 22IL 4.0TR
5.0	22ER 5.0TR / 22IR 5.0TR	22EL 5.0TR / 22IL 5.0TR
6.0	22ER 6.0TR / 22IR 6.0TR	22EL 6.0TR / 22IL 6.0TR



# CERAMIC

SHAPE	INSERT DESCRIPTION	SHAPE	INSERT DESCRIPTION	SHAPE	INSERT DESCRIPTION
	CNGA 120404		RNGN 150700		TNGA 270608
	CNGA 120408		RNGN 190600		TNGA 270612
	CNGA 120412		RNGN 190700		TNGA 330924
	CNGA 120416		RNGN 250700		
	CNGA 120704		RNGN 250900		VNGA 160404
	CNGA 120708		RNGN 320900		VNGA 160408
	CNGA 120712		RNGN 0807MO		VNGA 160412
	CNGA 120716		RNGN 1007MO		VNGA 160604
	CNGA 160608		RNGN 1207MO		VNGA 160608
	CNGA 160612				VNGA 160612
	CNGA 160616		SNGA 090304		VNGA 220404
	CNGA 160708		SNGA 090308		VNGA 220408
	CNGA 160712		SNGA 090312		VNGA 220412
	CNGA 160716		SNGA 090404		
CNGA 190608	SNGA 090408	WNGA 080404			
CNGA 190612	SNGA 090412	WNGA 080408			
CNGA 190616	SNGA 090416	WNGA 080412			
CNGA 190712	SNGA 120404				
CNGA 190716	SNGA 120408	CDH 120600			
	SNGA 120412	CDH 120900			
	SNGA 120416	CDH 190900			
	SNGA 120708	CDH 191200			
	SNGA 120712	CDH 251200			
	SNGA 120716	CDH 251900			
	SNGA 150608	CDH 320900			
	SNGA 150612	CDH 321900			
	SNGA 150616	CDH 381100			
	SNGA 190612				
	SNGA 190616	RCGX 060400			
	DNGA 150404	RCGX 060600			
	DNGA 150408	RCGX 060700			
	DNGA 150412	RCGX 090700			
	DNGA 150416	RCGX 120700			
	DNGA 150604	RCGX 151000			
	DNGA 150608	RCGX 191000			
	DNGA 150612	RCGX 251200			
	DNGA 150616	RCGX 251200			
	DNGA 150704	RPGX 090700			
	DNGA 150708				
	DNGA 150712	RNGA 110304			
	DNGA 150716	RNGA 110308			
	DNGA 190608	TNGA 160304			
	DNGA 190612	TNGA 160308			
	DNGA 190616	TNGA 160312			
		TNGA 160404			
		TNGA 160408			
		TNGA 160412			
		TNGA 160416			
		TNGA 220404			
		TNGA 220408			
		TNGA 220412			
		TNGA 220416			
		TNGA 220708			
		TNGA 220712			
	RNGN 060200				
	RNGN 060300				
	RNGN 060400				
	RNGN 090300				
	RNGN 090400				
	RNGN 120300				
	RNGN 120400				
	RNGN 120600				
	RNGN 120700				

## CERMET (TURNING) TC500 , TC500C

SHAPE	INSERT DESCRIPTION	SHAPE	INSERT DESCRIPTION	SHAPE	INSERT DESCRIPTION
	CNCM 120404TY		SPGT 090304R/L		TNGG 160404R/L
	CNCM 120408TY				TNGG 160408R/L
	CNCM 120412TY		SPGT 090308R/L		TNGG 220404R/L
	DNMG 150404TY		TPGT 110304R/L		TNMG 160404R/L 2G
	DNMG 150408TY		TPGT 110308R/L		
	DNMG 150412TY		TPGT 160304R/L		
	DNMG 150604TY		TPGT 160308R/L		
	DNMG 150608TY		TPGT 160404R/L		
	DNMG 150612TY	TPGT 160408R/L			
	SNMG 120404TY		TPGR 110302R/L		
	SNMG 120408TY		TPGR 110304R/L		
	SNMG 120412TY		TPGR 110308R/L		
			TPGR 160302R/L		TC500C Coating Tin . New 2018
			TPGR 160304R/L		
			TPGR 160308R/L		
			TPGR 220404K-R/L		
	TNMG 160404TY		TPGR 220408K-R/L		
	TNMG 160408TY		TPGR 220412K-R/L		
	TNMG 160412TY				
	VNMG 160404TG		RCMT 0602MO		
	VNMG 160408TG				
	WNMG 080404TY		RPMT 120300G		
	WNMG 080408TY				
	WNMG 080412TY		RPMT 160400G		
	CCMT 09T304		SPMW 090304		
	CCMT 09T308		SPMW 090308		
	DCGW 090304		DNGG 150404R/L		
	DCGW 11T304		DNGG 150408R/L		
			DNGG 150604R/L		
	CPGT 090304		SNGG 120404R/L		
	CPGT 090308		SNGG 120408R/L		
			SNGG 120412R/L		

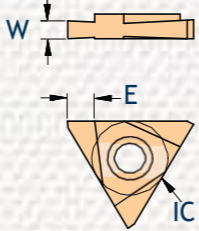
## CERMET (MILLING)

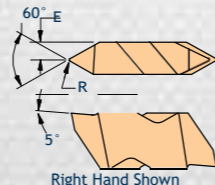
SHAPE	INSERT DESCRIPTION
	SDCN 1203MT
	SDCN 1504MT
	SEKN 1203AFTN
	SEKN 1504AFTN
	SDKN 1203AETN
	SDKN 1504AETN
	SDEW 1204AZT
	SNK 0903AEN
	SEHW 120408AE
	SEKN 1203 AFTN
	SEKN 1504 AFTN
	SEKN 120308 AFTN
	SEKN 150408 AFTN
	SPKN 1203EDTR/L
	SPKN 1504EDTR/L
	TEKN 1603PETR/L
	TEKN 2204PETR/L

## CBN

SHAPE	INSERT DESCRIPTION	SHAPE	INSERT DESCRIPTION
	CNGA 120402		TCMW 090202
	CNGA 120404		TCMW 090204
	CNGA 120408		TCMW 090208
	CNGA 120412		TCMW 110202
	CCMW 060202		TCMW 110204
	CCMW 060204		TCMW 110208
	CCMW 060208		TCMW 16T302
	CCMW 09T302		TCMW 16T304
	CCMW 09T304		TCMW 16T308
	CCMW 09T308		
	CCMW 120404		VNGA 160402
	CCMW 120408		VNGA 160404
	CCMW 120412		VNGA 160408
	DNGA 150402		VBMW 160402
	DNGA 150404		VBMW 160404
	DNGA 150408		VBMW 160408
	DNGA 150412		
	DNGA 150602		VCGW 160402
	DNGA 150604		VCGW 160404
	DNGA 150608		VCGW 160408
	DNGA 150612		
	DCMW 070202		RNMN 090300
	DCMW 070204		
	DCMW 070208		
	DCMW 11T302		
	DCMW 11T304		
	DCMW 11T308		RNMN 120300
	SNGA 120402		SNMN 120312
	SNGA 120404		
	SNGA 120408		
	SNGA 120412		
	SNMN 120316		TNGA 160402
			TNGA 160404
	TNGA 160408		

PCD			
SHAPE	INSERT DESCRIPTION	SHAPE	INSERT DESCRIPTION
	CNGA 120402		SPGN 090308
	CNGA 120404		SPGN 120308
	CNGA 120408		
	CNGA 120412		
	CCMW 060202		TNGA 160402
	CCMW 060204		TNGA 160404
	CCMW 060208		TNGA 160408
	CCMW 09T302		TCMW 090202
	CCMW 09T304		TCMW 090204
	CCMW 09T308		TCMW 090208
	CCMW 120404		TCMW 110202
	CCMW 120408		TCMW 110204
	CCMW 120412		TCMW 110208
			DNGA 150402
DNGA 150404		TPGN 110304	
DNGA 150408		TPGN 110308	
DNGA 150412		TPGN 160302	
DNGA 150602		TPGN 160304	
DNGA 150604		TPGN 160308	
	DCMW 070202		VNGA 160402
	DCMW 070204		VNGA 160404
	DCMW 070208		VNGA 160408
	DCMW 11T302		
	DCMW 11T304		
	DCMW 11T308		
	SNGA 120402		VBMW 160402
	SNGA 120404		VBMW 160404
	SNGA 120408		VBMW 160408
	SNGA 120412		
	SNGN 120402		VCGW 160402
	SNGN 120404		VCGW 160404
	SNGN 120408		VCGW 160408
	SNGN 120412		
	SCMW 09T302		
	SCMW 09T304		
	SCMW 09T308		VCGW 160412
	SCMW 120402		
	SCMW 120404		
	SCMW 120408		

GROOVING INSERTS									
Style TNMC on Edge Grooving	Insert Description	Dimensions			Grades				
		W	E	IC	C23	323FG	356FG	323	356
 <p>Right Hand Shown</p> <p>NGR = Right Hand NGL = Left Hand NGC = Center</p> <p>Sharp Corners - No Radius</p> <p>Additional Sizes Available on Request</p> <p>TNMC Inserts fit all Industry Std. Tool Holders except Carboloy®</p>	TNMC 32NGR 032	.032	.057	.375	S	S	LS	LS	LS
	TNMC 32NGL 032	.032	.057	.375	S	LS	LS	LS	LS
	TNMC 32NGC 032	.032	.057	.375	LS	LS	LS	LS	LS
	TNMC 32NGR 062	.062	.156	.375	S	S	LS	LS	LS
	TNMC 32NGL 062	.062	.156	.375	LS	LS	LS	LS	LS
	TNMC 32NGC 062	.062	.156	.375	LS	LS	LS	LS	LS
	TNMC 32NGR 094	.094	.156	.375	S	S	LS	LS	LS
	TNMC 32NGL 094	.094	.156	.375	S	S	LS	LS	LS
	TNMC 32NGC 094	.094	.156	.375	LS	LS	LS	LS	LS
	TNMC 32NG 125	.125	.156	.375	S	S	LS	LS	LS
	TNMC 43NGR 062	.062	.156	.500	S	S	LS	LS	LS
	TNMC 43NGL 062	.062	.156	.500	S	S	LS	LS	LS
	TNMC 43NGC 062	.062	.156	.500	LS	LS	LS	LS	LS
	TNMC 43NGR 094	.094	.234	.500	S	S	LS	LS	LS
	TNMC 43NGL 094	.094	.234	.500	S	LS	LS	LS	LS
	TNMC 43NGC 094	.094	.234	.500	LS	LS	LS	LS	LS
	TNMC 43NGR 125	.125	.234	.500	S	S	LS	LS	LS
	TNMC 43NGL 125	.125	.234	.500	S	S	LS	LS	LS
	TNMC 43NGC 125	.125	.234	.500	LS	LS	LS	LS	LS
	TNMC 43NGR 156	.156	.234	.500	LS	LS	LS	LS	LS
TNMC 43NGL 156	.156	.234	.500	LS	LS	LS	LS	LS	
TNMC 43NGC 156	.156	.234	.500	LS	LS	LS	LS	LS	
TNMC 43NG 187	.187	.234	.500	LS	LS	LS	LS	LS	
TNMC 54NGR 156	.156	.275	.625	LS	LS	LS	LS	LS	
TNMC 54NGL 156	.156	.275	.625	LS	LS	LS	LS	LS	
TNMC 54NGR 187	.187	.275	.625	LS	LS	LS	LS	LS	
TNMC 54NGL 187	.187	.275	.625	LS	LS	LS	LS	LS	

THREADING INSERTS											
Style HTP 5° Positive Rake	Insert		Dimensions			Grades					
	Left Hand	Right Hand	PITCH	R	E	C23	323F	356FG	310	323	356
 <p>Right Hand Shown</p> <p>Use RH Inserts with RH External Holders - LH Inserts with RH Boring Bars See Pages 31-33</p>	HTP 2R	HTP 2L	8 - 36 tpi OD	.004	.075	S	S	S	S	LS	S
	HTP 3R	HTP 3L	7 - 20 tpi ID	± .001		S	S	S	S	LS	S
	HTP 4R	HTP 4L	6 - 20 tpi OD	.0065	.098	S	S	S	S	LS	S
				5 - 12 tpi ID	± .0015		S	S	S	S	LS
			4 - 20 tpi OD	.0065	.128	S	S	S	S	LS	S
			4 - 12 tpi ID	± .0015		S	S	S	S	LS	S

ON EDGE THREADING									
Style TNMC on Edge THREADING	Insert Description	Dimensions			Grades				
		PITCH	R	IC	C23	323FG	356FG	323	356
 <p>TNMC Inserts fit all Industry Std. Tool Holders except Carboloy®</p>	TNMC 32NV	8 tpi Max	.003 - .005	.375	S	S	S	LS	S
	TNMC 43NV	6 tpi Max	.005 - .008	.500	S	S	LS	LS	S
	TNMC 54NV	4 tpi Max	.005 - .008	.625	LS	LS	LS	LS	S
	TNMC 64NV	4 tpi Max	.005 - .008	.750	LS	LS	LS	LS	LS
	TNMC 66NV	3 tpi Max	.005 - .008	.750	LS	LS	LS	LS	LS