

PRO CUT Super Savings on America's Most Popular Turning Inserts

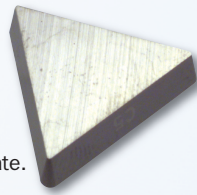
TPG - TPG-321 - TPG-322

- Single-sided, ground all over without chipformer
- Positive cut, low cutting forces

Grades

PC-5 for steel cutting

PC-300 Gold coated grade on a tough thermal substrate. Designed for milling steel at higher speeds.



Style / Grade	Order No.	Regular Price	Sale
TPG-321 PC5	FF50-52850	\$4.05	\$2.00
TPG-322 PC5	FF50-52860	4.05	2.00

Style / Grade	Order No.	Regular Price	Sale
TPG-321 PC300	FF50-32850	\$4.85	\$2.75
TPG-322 PC300	FF50-32860	4.85	2.75

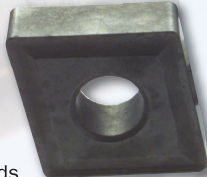
CNMG - 80° Diamond Negative With Molded Chipbreaker

Double sided for semi-roughing and roughing. For a wide range of materials and machining conditions.

Grades

PC-5 for steel cutting

PC-300 Gold coated grade on a tough thermal substrate. Designed for milling steel at higher speeds.



Style / Grade	Order No.	Regular Price	Sale
CNMG-431 PC5	FF50-50150	\$3.65	\$2.50
CNMG-432 PC5	FF50-50160	3.65	2.50

Style / Grade	Order No.	Regular Price	Sale
CNMG-431 PC300	FF50-30150	\$4.50	\$3.00
CNMG-432 PC300	FF50-30160	4.50	3.00



C-021*64

Everede Boring Bar Set a Chicago company since 1932



Two boring bars using the same insert. Ideal for general purpose and finishing. Get 3/4" and 1/2" steel boring bars, plus (10) TPGH inserts, and a Torx key.



- Inserts are TiN coated, with .015 nose radius
- Bars are right hand, with a 5° lead angle
- 3/4" bar is 8" long - min. bore is .844
- 1/2" bar is 6" long - min. bore is .625

Two-Bar Kit

Includes: Two bars, 10 inserts, case

Order No. FG70-BBKIT

Regular List Price \$216.50

Sale \$166⁵⁰

Replacement Inserts:

Uncoated

Order No. FG71-TPGH315CS6

Sale \$7⁵⁰

TiN Coated

Order No. FG71-TPGH315CV6

Sale \$8⁷⁵ ea.

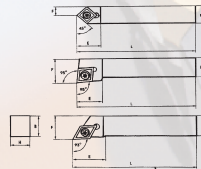


C-066*64

PAFANA 5-Pc. Mini Toolholder and Boring Bar Set

Toolholders

- Ideal for precision turning and boring
- Quality storage case also includes: 10 inserts, 1 wrench and 2 spare screws

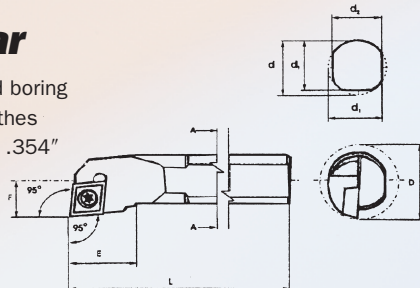


Toolholder Style	H	B	L	F	E	Insert Style	Screw Code No.	Torx Wrench Code No.
SCLCR 0808-06	.315	.315	2.36	.394	.394	CCMT		KN-5437019
SDJCR\L 0808-07	.315	.315	2.36	.394	.630	DCMT	EJ60-998-2506	T-7
SDDCN 0808-06	.315	.315	2.36	.157	.472	SCMT		

Boring Bar Style	D	Min	L	F	E	d1	d2	Insert Style	Screw Code No.	Torx Wrench Code No.
S08H-SCLCR-06	.315	.354	3.98	.177	.512	.295	.276	CCMT	6-998-2504	KN-5437019

Boring Bar

- Use for facing and boring
- Use on manual lathes
- Min. bores low as .354"



WORLD *Class* EUROPEAN QUALITY

Order No. EJ60-890500

Special Price \$99⁰⁰ per set



Supplied With Inserts

Replacement Inserts For All Tools (Order Separately)

Insert Style	I.C.	Dimensions L	T	R	Grade	Order No.	Sale
CCMT 2-1	1/4	.248	3/32	.016	PC2	FF48-10000	\$2.60
					PC5	FF48-50000	2.60
					PC200	FF48-20000	3.75
					PC300	FF48-30000	3.10
CCMT 2-2	1/4	.248	3/32	.031	PC2	FF48-10010	2.60
					PC5	FF48-50010	2.60
					PC200	FF48-20010	3.75
					PC300	FF48-30010	3.10
DCMT 2-1	1/4	.307	3/32	.016	PC2	FF48-DCMT21PC2	2.90
					PC5	FF48-DCMT21PC5	2.90
					PC300	FF50-212615	2.90
SCMT 2-1	1/4	.246	3/32	.016	PC2	FF48-SCMT21PC2	2.55
					PC5	FF48-SCMT21PC5	2.55
					PC300	FF48-SCMT21PC300	3.45

C-057*64



Prices Effective January 1, 2006 Through March 31, 2006



Threading Sets

SAVE

Threading kits are a versatile solution for those who cut a variety of thread types in limited quantity and do not want to sacrifice thread quality.

UN External Kit
Order No.
FF59-CTKE60

Sale
\$170⁰⁰



UN Internal Kit
Order No.
FF59-CTKI60

Sale
\$180⁰⁰

INSERTS

16 ER A60 P25C, 16 ER G60 P25C
16 ER AG60 P25C, 16 ER 8 UN P25C
16 ER 12 UN P25C, 16 ER 14 UN P25C
16 ER 16 UN P25C, 16 ER 18 UN P25C
16 ER 20 UN P25C, 16 ER 24 UN P25C
3/4" TOOLHOLDER
SER 0750 K16

INSERTS

16 IR A60 P25C, 16 IR G60 P25C
16 IR AG60 P25C, 16 IR 8 UN P25C
16 IR 12 UN P25C, 16 IR 14 UN P25C
16 IR 16 UN P25C, 16 IR 18 UN P25C
16 IR 20 UN P25C, 16 IR 24 UN P25C
3/4" TOOLHOLDER
SIR 0750 K16

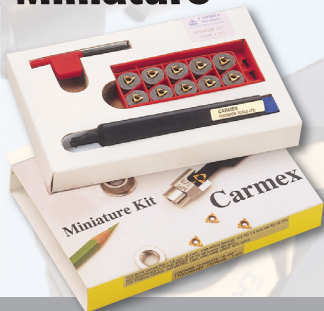
C

C-068*64



Miniature & Ultra Miniature Threading Kits

An amazing new combination of new 06 (3/16") Ultraminiature and 08 (5/32") miniature threading inserts, this product bites into a range considered until today a tap range. With these coated T20 and BXC low speed grades inserts you can thread all UNF, UNC, UNS, NPT, ISO-metric 60° threads, TPI range 48-16 and diameter range 1/4"-1/2", with only one insert type.



Type	No. of Inserts	Contents Inserts	Boring Bars	Order No.	Sale
Ultra Miniature	10	06 IR A60 T20	SIR 0205 H06	FF59-UM60	\$165.00
Miniature	10	08 IR A60 T20	SIR 0265 K08	FF59-UM80	165.00

C

C-114*64

MICRO 100® Solid Carbide 60° Internal Threading Tools



6-Pc. Set
Order No. **GE45-IT1**

Sale
\$215⁰⁰



Set Includes the following right hand tools:

Shank		Projection	Width	Depth	Order No.	Sale
Diameter	Length					
1/4	2 1/2	.040	.180	.500	GE45-IT180500	\$28.45
1/4	2 1/2	.045	.200	.600	GE45-IT200600	28.45
5/16	2 1/2	.055	.230	.600	GE45-IT230600	35.50
5/16	2 1/2	.070	.290	.750	GE45-IT290750	35.50
3/8	2 1/2	.075	.320	.750	GE45-IT320750	46.25
3/8	2 1/2	.085	.360	.750	GE45-IT360750	46.25

D

C-115*64

Carbide Tipped Boring Bar Sets



- Grade C-6 Carbide for general purpose use in steel and steel alloys
- Set includes short, medium, and long length bars for each minimum bore diameter



SAVE

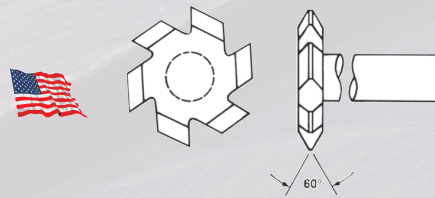
Shank Dia.	No. Pcs. in Set	Order No.	Sale
3/8"	9	GA51-KBS375	\$15.60
1/2"	9	GA51-KBS500	27.00
5/8"	12	GA51-KBS625	47.00
3/4"	12	GA51-KBS750	62.00

B

C-116*64

MICRO 100® Brazed Head Thread Mills

- Designed for milling precision I.D. and O.D. threads in all types of steels, non-ferrous metals and exotic materials
- Equally effective in laminated plastics, fiberglass and composites used in the aircraft industry
- Thread form generated is American Standard thread
- Minimum pitch listed is for an internal thread



Cutter Dia.	Shank Dia.	Shank Length	Flat	No. of Flutes	Min. Pitch	Max. Pitch	Order No.	Sale
3/8	1/4	2-1/2	.002	4	32	20	GE45-TM375	\$60.00
1/2	5/16	2-1/2	.0035	5	20	16	GE45-TM500	72.00
3/4	3/8	2-1/2	.0045	6	16	8	GE45-TM750	90.00
1	1/2	3	.009	7	8	4	GE45-TM001	118.00

D

C-117*64

Prices Effective January 1, 2006 Through March 31, 2006

7