

All Types of Inserts
Available Carbide, PCD,
CBN & Ceramic!



High Performance Drills & Endmills
Threading, Grooving and Cutoff too.

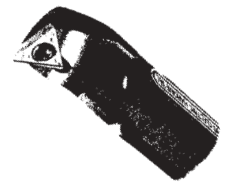


Metal Slash Mill

Feed Rates Up to 0.078" IPT!!!



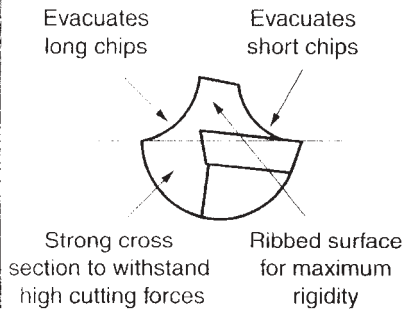
SumiTurn X-Bar



6X Length/Diameter stick out with a steel bar!

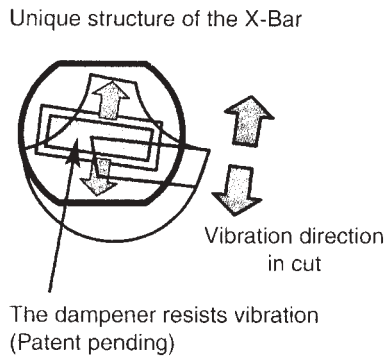
Good Chip Evacuation

from new head design

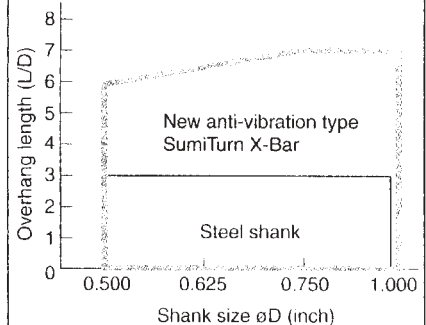


Anti-Chatter System

- Eliminates Vibration



Application Range



Somma Tool is now a full line distributor for Sumitomo High Precision Turning Tools and Carbide, CBN and Diamond Inserts. Sumitomo offers a complete line of Swiss Tooling, steel and carbide Boring Bars, solid carbide cutoff & grooving holders at very competitive pricing. Somma Tool has found Sumitomo carbide inserts to be superior to the major brands previously used in our shop. Call Somma with your current insert manufacturers part number, grade and application to receive a quote. We believe you will be very pleased with the quality, performance and price.

Call Somma to request a full line Sumitomo catalog.

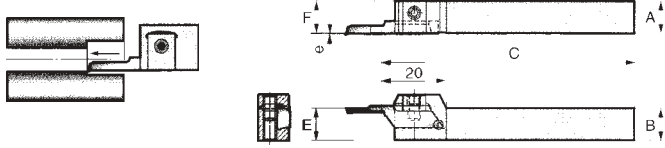
PARTIAL LISTING OF INSERT GRADES

COATED GRADES			
GRADE	COATED LAYER	APPLICATIONS	COLOR
AC2000	Multi-Phase Al ₂ O ₃	General purpose of roughing of steels and stainless steels	Gold
AC3000	Multi-Phase Al ₂ O ₃	Interrupted roughing of steels and stainless steels	Gold
AC300G	Multi-Phase Al ₂ O ₃	General purpose machining of ductile cast iron	Gold
AC700G	Multi-Phase Al ₂ O ₃	Interrupted roughing of cast irons/continuous steel and SS finishing	Gold
EH510Z	ZX Coating	Improved wear resistance when turning and milling	Gold
EH520Z	ZX Coating	Longer tool life for exotic material turning and milling	Gold
ACZ310	ZX Coating	Boring of steels, stainless steels, cast iron	Pink

CERMET GRADES			
GRADE	HARDNESS (Hv)	T.R.S. (kg/mm ²)	APPLICATIONS
T1200A	1,680	165	General purpose to finish turning of steels and stainless steels
T2000Z	1,680	165	General purpose to finishing of steels and stainless steels with ZX coating
T3000Z	1,680	165	Medium to finish interrupted machining of steel and SS with ZX coating

UNCOATED GRADES				
GROUP	GRADE	HARDNESS (Hra)	T.R.S. (psi)	APPLICATIONS
C-7	ST10P	91.7	235,000	Finishing to semi-finishing of steels
C-6	ST20E	91.2	250,000	Semi-finishing to light roughing of steel
C-5	ST30E	90.3	285,000	Light roughing to heavy roughing of steel
C-5A	S30E	91.3	348,000	Milling of steels and stainless steels
	A30N(A30)	90.6	354,000	Rough turning and milling of steel and stainless steel
C-4	H2	92.7	230,000	Finishing of cast iron and aluminum
	H1	92.4	252,000	Finishing to semi-finishing of aluminum
C-3	EH10	92.4	460,000	Continuous turning of exotic materials
	EH510	92.6	377,000	Improve wear resistance when turning exotic materials
C-2	G10E	91.0	280,000	Turning and milling of cast iron and aluminum
	EH20	91.0	474,000	Turning and milling of exotic materials
	EH520	91.8	436,000	Longer tool like for exotic material turning and milling

CKBR SERIES HOLDERS

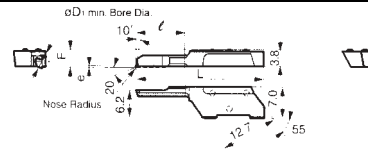


CATALOG#	Dimensions (inch/mm)				
Right Hand	A	B	C	E	F
CKBR062D	.375	.375	6.000	.375	.375
CKBR082D	.500	.500	6.000	.500	.500
CKBR102D	.625	.625	6.000	.625	.625
CKBR1010-16	10.0	10.0	150.0	10.0	10.0
CKBR1212-16	12.0	12.0	150.0	12.0	12.0
CKBR1616-16	16.0	16.0	150.0	16.0	16.0

Insert Series = KBM XR

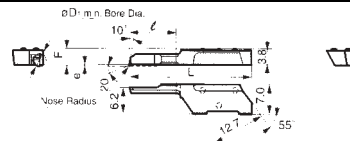
CLAMP	CLAMP SCREW	WRENCH
CKBW16	WB4-8	LH020

Boring Rough Inserts



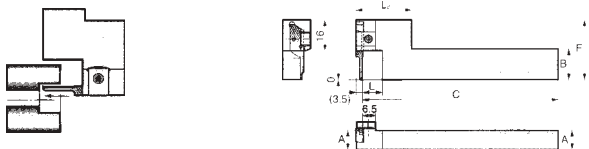
Catalog No.	Dimensions (mm)						ACZ310
	Min. Bore Dia.	F	e	Nose Radius	L	I	
KBMXR0103-05	1.0	4.0	0.2	0.05	20.5	3	•
KBMXR0206-05	2.0	4.05	0.25	0.05	23.5	6	•
KBMXR0411-05	4.0	4.30	0.5	0.05	28.5	11	•
KBMXR0411-20	4.0	4.30	0.5	0.20	28.5	11	•
KBMXR0511-05	5.0	4.50	0.7	0.05	28.5	11	•
KBMXR0511-20	5.0	4.50	0.7	0.20	28.5	11	•

Boring Finishing Inserts



Catalog No.	Dimensions (mm)						ACZ150
	Min. Bore Dia.	F	e	Nose Radius	L	I	
KBMXR0103-05T	1.0	4.0	0.2	0.05	20.5	3	•
KBMXR0206-05T	2.0	4.05	0.25	0.05	23.5	6	•
KBMXR0411-05T	4.0	4.30	0.5	0.05	28.5	11	•
KBMXR0411-20T	4.0	4.30	0.5	0.20	28.5	11	•
KBMXR0511-05T	5.0	4.50	0.7	0.05	28.5	11	•
KBMXR0511-20T	5.0	4.50	0.7	0.20	28.5	11	•

CKBSR SERIES HOLDERS

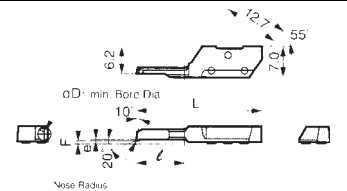


CATALOG#	Dimensions (inch/mm)					
Right Hand	A	B	C	F	L2	L3
CKBSR062D	.375	.375	6.000	1.220	1.125	.393
CKBSR082D	.500	.500	6.000	1.220	1.125	.393
CKBSR102D	.625	.625	6.000	1.220	1.125	.393
CKBSR1010-16	10.0	10.0	150.0	31.0	28.5	10.0
CKBSR1212-16	12.0	12.0	150.0	31.0	28.5	10.0
CKBSR1616-16	16.0	16.0	150.0	31.0	28.5	10.0

Insert Series = KBM XL

CLAMP	CLAMP SCREW	WRENCH
CKBW16	WB4-8	LH020

Boring Rough Inserts



Catalog No.	Dimensions (mm)						ACZ310
	Min. Bore Dia.	F	e	Nose Radius	L	I	
KBMXL0206-05R	2.0	0.5	0.25	0.05	23.5	6	•
KBMXL0411-05R	4.0	0.5	0.5	0.05	28.5	11	•
KBMXL0411-20R	4.0	0.5	0.5	0.20	28.5	11	•

SCT SERIES CUT-OFF HOLDERS

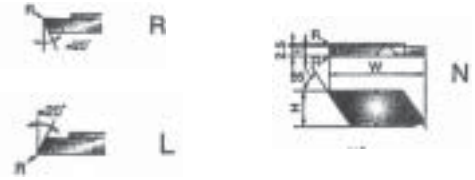


CATALOG NUMBER		Dimensions (inch/mm)					
Right Hand	Left Hand	A	B	C	E	F	G
SCTR06	SCTL06	3/8	3/8	5	3/8	3/8	.591
SCRT08	SCRL08	1/2	1/2	5	1/2	1/2	.591
SCRT10	SCRL10	5/8	5/8	5	5/8	5/8	.591
SCTR1010	SCTL1010	10.0	10.0	120.0	10.0	10.0	15.0
SCTR1212	SCTL1212	12.0	12.0	120.0	12.0	12.0	15.0
SCTR1616	SCTL1616	16.0	16.0	120.0	16.0	16.0	15.0

Insert Series = CTR12

RIGHT HAND - INSERT SCREW - LEFT HAND	WRENCH
BFTX0410T8R	TRX08
BFTX0410T8L	

CTR SERIES CUT-OFF INSERTS




Catalog No.	ACZ310 Coated	Dimensions (mm)			
		t	R	W	H
CTR121005R	•	1.0	0.05	19.0	7.0
CTR121005N	•				
CTR121005L	•				
CTR121505R	•	1.5	0.05	19.0	7.0
CTR121505N	•				
CTR121505L	•	2.0	0.05	19.0	7.0
CTR122005R	•				
CTR122005N	•				
CTR122005L	•				

Maximum cut-off diameter = 12.0mm

SBT SERIES BACK TURNING HOLDERS



CATALOG#	Dimensions (inch/mm)					
Right Hand	A	B	C	E	F	Torx Wrench
SBT35R06	3/8	3/8	5	3/8	.2756	TRX10
SBT35R08	1/2	1/2	5	1/2	.401	TRX10
SBT35R10	5/8	5/8	5	5/8	.5256	TRX10
SBT35R1010	10.0	10.0	120.0	10.0	7.5	TRX08
SBT35R1212	12.0	12.0	120.0	12.0	9.5	TRX08
SBT35R1616	16.0	16.0	120.0	16.0	13.5	TRX08

Insert Series = BTR35 Insert Screw = BFTX0307N

BTR SERIES BACK TURNING INSERTS



Catalog No.	Coated		Cermet		Dimensions (mm)		
	ACZ310		T1200A		Inscribed Circle	Thickness	Nose Radius
BTR3505	•		•		6.8	3.8	0.05
BTR3515	•		•				0.15

SWISS TOOLHOLDERS

SPB R/L Series									
CATALOG NUMBER		Dimensions (inch/mm)						Insert Screw	Torx Wrench
Right Hand	Left Hand	Insert Series	A	B	C	E	F	Insert Screw	Torx Wrench
SPBR063D	SPBL063D	PBV1102	.375	.375	6.000	.669	.375	BFTX02505N	LT08-06
SPBR083D	SPBL083D	PBV1102	.500	.500	6.000	.669	.500	BFTX02505N	LT08-06
SPBR1010-60	SPBL1010-60	PBV1102	10.0	10.0	150.0	17.0	10.5	BFTX02505N	LT08-06
SPBR1212-60	SPBL1212-60	PBV1102	12.0	12.0	150.0	17.0	12.5	BFTX02505N	LT08-06

INSERTS

Blank Inserts					BL 130 (Uncoated)
Catalog No.	ISO Cat. No.	Dimension E (mm)	Appl.	Fig	
PBVX1102R-NB	PBVX1102R-NB	17.2	General	1 •	
PBVX1102R-SB	PBVX1102R-SB	20.14	Sharp Edge	2 •	
PBVX1102R-BB	PBVX1102R-BB	17.2	Special	3 •	

Grooving Inserts				BL 130 (Uncoated)
Catalog No.	ISO Cat. No.	Dimension (mm)		
		Groove Depth	t	
PBVG1102R-030	PBVG1102R-030	0.5	0.3	•
PBVG1102R-050	PBVG1102R-050	1.0	0.5	•
PBVG1102R-100	PBVG1102R-100	2.0	1.0	•

Turning Inserts					BL 130 (Uncoated)
Catalog No.	ISO Cat. No.	Dimension Cutter Edge	Wiper Edge	Fig	
PBVFW1102R	PBVFW1102R	1.0	Yes	1 •	
PBVFN1102R	PBVFN1102R	1.0	No	2 •	

Threading Inserts				BL 130 (Uncoated)
Catalog No.	ISO Cat. No.	Dimension (mm)	Fig	
		Groove Depth		
PBVTF1102R	PBVTF1102R	0.2 ~ 0.5	1	•
PBVTB1102R	PBVTB1102R	0.2 ~ 0.5	2	•

SVLC SERIES HOLDERS



CATALOG NUMBER		Dimensions (inch/mm)					Insert Screw
Right Hand	Left Hand	A	B	C	E	F	
SVLCR062C	SVLCL062C	3/8	3/8	5	3/8	.390	ST21.5
SVLCR082C	SVLCL082C	1/2	1/2	5	1/2	.516	ST21.5
SVLCR103C	SVLCL103C	5/8	5/8	5	5/8	.647	ST21.5
SVLCR1010-H11	SVLCL1010-H11	10.0	10.0	100.0	10.0	10.5	BFTX02506N
SVLCR1212-H11	SVLCL1212-H11	12.0	12.0	100.0	12.0	12.5	BFTX02506N
SVLCR1616-H11	SVLCL1616-H11	16.0	16.0	100.0	16.0	16.5	BFTX02506N

7° Positive Insert Series = VCMT221 Torx Wrench = TRX08

SVPC SERIES HOLDERS



CATALOG NUMBER		Dimensions (inch/mm)					Insert Screw
Right Hand	Left Hand	A	B	C	E	F	
SVPCR062C	SVPCL062C	3/8	3/8	5	3/8	.547	ST21.5
SVPCR082C	SVPCL082C	1/2	1/2	5	1/2	.672	ST21.5
SVPCR103C	SVPCL103C	5/8	5/8	5	5/8	.797	ST21.5
SVPCR1010-H11	SVPCL1010-H11	10.0	10.0	100.0	10.0	14.5	BFTX02506N
SVPCR1212-H11	SVPCL1212-H11	12.0	12.0	100.0	12.0	16.5	BFTX02506N
SVPCR1616-H11	SVPCL1616-H11	16.0	16.0	100.0	16.0	20.5	BFTX02506N

7° Positive Insert Series = VCMT221 Torx Wrench = TRX08

VCMT - ENK INSERTS

Catalog No.	Coated		Dimensions (Inches)			
	AC2000	AC3000	Inscribed Circle	Thickness	Nose Radius	Insert Hole Dia.
VCMT 331 ENK	•	•	3/8	3/16	1/64	.1732
VCMT 332 ENK	•	•	3/8	3/16	1/32	.1732

VCMT - ESU INSERTS

Catalog No.	Coated		Dimensions (Inches)			
	AC2000	AC3000	Inscribed Circle	Thickness	Nose Radius	Insert Hole Dia.
VCMT 331 ESU	*	*	3/8	3/16	1/64	.1732
VCMT 332 ESU	*	*	3/8	3/16	1/32	.1732

SVAB SERIES HOLDERS



CATALOG NO.		5° Positive Insert Series	A	B	C	E	F	Insert Screw	Torx Wrench
Right Hand	Left Hand								
SVABR062D	SVABL062D	VBMT221	3/8	3/8	6	.875	.375	ST-21.5	TRX08
SVABR082D	SVABL082D	VBMT221	1/2	1/2	6	.875	.500	ST-21.5	TRX08
SVABR103B	SVABL103B	VBMT332	5/8	5/8	4-1/2	1.375	.625	ST-32.5	TRX15

SVJB SERIES HOLDERS



CATALOG NO.		5° Positive Insert Series	A	B	C	E	F	Insert Screw	Torx Wrench
Right Hand	Left Hand								
SVJBR062	SVJBL062	VBMT221	3/8	3/8	2-1/2	.875	.500	ST-21.5	TRX08
SVJBR082	SVJBL082	VBMT221	1/2	1/2	2-1/2	.875	.625	ST-21.5	TRX08
SVJBR103	SVJBL103	VBMT221	5/8	5/8	4	.875	.750	ST-21.5	TRX08
SVJBR123	SVJBL123	VBMT332	3/4	3/4	4-1/2	1.250	1.000	ST-32.5	TRX15






VBMT - ESU INSERTS

Catalog No.	Coated		Cermet		Dimensions (Inches)						
	AC2000	AC3000	AC700G	EH510Z	EH520Z	T2000Z	T1200A	Inscribed Circle	Thickness	Nose Radius	Insert Hole Dia.
VBMT 211 ESU	•	•	•	•	•	•	•	1/4	1/8	1/64	.134
VBMT 222 ESU	•	•	•	•	•	•	•	1/4	1/8	1/32	.134
VBMT 331 ESU	•	*	•	•	•	•	•	3/8	3/16	1/64	.1732
VBMT 332 ESU	•	*	•	•	•	•	•	3/8	3/16	1/32	.1732

VBMT - ENK INSERTS






Catalog No.	Coated		Dimensions (Inches)			
	AC2000	AC3000	Inscribed Circle	Thickness	Nose Radius	Insert Hole Dia.
VBMT 332 ENK	•	•	3/8	3/16	1/32	.1732

SCMP SERIES HOLDERS






CATALOG#		A	B	C	E	F			
	11° Positive Insert Series						Insert Screw	Torx Wrench	
SCMPN062	CPMT21.51	3/8	3/8	2-1/2	.4375	.188	ST-21.5	TRX08	
SCMPN083V	CPMT32.52	1/2	1/2	3-1/2	.625	.250	ST-32.5	TRX15	
SCMPN123B	CPMT32.52	3/4	3/4	4-1/2	.750	.375	ST-32.5	TRX15	

See next page for inserts






SCLP SERIES HOLDERS

CATALOG NUMBER			A	B	C	E	F			
Right Hand	Left Hand	11° Positive Insert Series						Insert Screw	Torx Wrench	
SCLPR062	SCLPL062	CPMT21.51	3/8	3/8	2-1/2	7/16	.500	ST-21.5	TRX08	
SCLPR083V	SCLPL083V	CPMT32.52	1/2	1/2	3-1/2	5/8	.625	ST-32.5	TRX15	
SCLPR123B	SCLPL123B	CPMT32.52	3/4	3/4	4-1/2	5/8	1.000	ST-32.5	TRX15	

SCAP SERIES HOLDERS

CATALOG NUMBER			A	B	C	E	F	G			
Right Hand	Left Hand	11° Positive Insert Series							Insert Screw	Torx Wrench	
SCAPR052D	SCAPL052D	CPMT21.51	5/16	5/16	6	.4375	.312	.06	ST-21.5	TRX08	
SCAPR062D	SCAPL062D	CPMT21.51	3/8	3/8	6	.625	.375	-	ST-21.5	TRX08	
SCAPR083D	SCAPL083D	CPMT32.52	1/2	1/2	6	.625	.500	-	ST-32.5	TRX15	

SCGP SERIES HOLDERS

CATALOG NUMBER			A	B	C	E	F			
Right Hand	Left Hand	11° Positive Insert Series						Insert Screw	Torx Wrench	
SCGPR062	SCGPL062	CPMT21.51	3/8	3/8	2-1/2	.4375	.500	ST-21.5	TRX08	
SCGPR083V	SCGPL083V	CPMT32.52	1/2	1/2	3-1/2	.625	.625	ST-32.5	TRX15	
SCGPR123B	SCGPL123B	CPMT32.52	3/4	3/4	4-1/2	.625	1.000	ST-32.5	TRX15	

Replace your costly DNMG applications with the economical T-REX System!

Features & Benefits:

- Rigid clamping system ensures accurate insert indexing
- Up to 2.5mm (0.100") depth of cut
- **Six** 55° cutting edges versus the standard **four** edges of a DNMG insert.



CPMT - ENS INSERTS									
Insert Hole			Application						
Catalog No.	Coated		Uncoated	Dimensions (Inches)					
	AC720		A30	Inscribed Circle	Thickness	Nose Radius	Insert Hole Dia.		
CPMT 21.51 ENS	•			1/4	3/32	1/64	.110		
CPMT 21.51.52 ENS	•			5/16	3/32	1/32	.134		
CPMT 2.522 ENS	•				1/8	1/32			
CPMT 322 ENS	•		*	3/8	1/8	1/32	.1732		
CPMT 32.52 ENS	•				5/32	1/32			
CPMT 432 ENS	•			1/2	3/16	1/32	0.217		
CPMT 532 ENS	•			5/8	3/16	1/32	.256		

CPMT - ELU INSERTS									
Insert Hole			Application						
Catalog No.	Coated		Cermet	Dimensions (Inches)					
	AC2000		T3000Z	Inscribed Circle	Thickness	Nose Radius	Insert Hole Dia.		
CPMT 321 ELU	*		*	3/8	1/8	1/64	.1732		

CPMT - ESU INSERTS													
Insert Hole			Application										
Catalog No.	Coated				Cermet	Dimensions (Inches)							
	AC2000	AC300G	AC700G	AC304	EH510Z	EH520Z	T2000Z	T3000Z	T1200A	Inscribed Circle	Thickness	Nose Radius	Insert Hole Dia.
CPMT 21.51 ESU	•		•		•	•	•	•	•	1/4	3/32	1/64	.110
CPMT 21.52 ESU	•		•								3/32	1/32	
CPMT 22.51.51 ESU	•	*	*				*	*	*	5/16	3/32	1/64	.134
CPMT 22.51.52 ESU	•	*	*				*	*	*		3/32	1/32	
CPMT 321 ESU	•	*	*				*	*	*	3/8	1/8	1/64	.1732
CPMT 322 ESU	•	*	*				*	*	*		1/8	1/32	
CPMT 32.51 ESU	•		•				•	•	•	3/8	5/32	1/64	.1732
CPMT 32.52 ESU	•		•				•	•	•		1/32		

CPMT - ELUW INSERTS									
Insert Hole			Application						
Catalog No.	Coated		Cermet		Dimensions (Inches)				
	AC2000	AC700G	T2000Z	T3000Z	Inscribed Circle	Thickness	Nose Radius	Insert Hole Dia.	
CPMT 321 ELUW	*	*	•	•	.375	.125	.0156	.1732	
CPMT 322 ELUW	*	*	•	•			.0313		

CPMT - EMU INSERTS									
Insert Hole			Application						
Catalog No.	Coated			Dimensions (Inches)					
	AC2000	AC300G	AC700G	Inscribed Circle	Thickness	Nose Radius	Insert Hole Dia.		
CPMT 2.51.51 EMU	*	*	*	.3125	.094	.0156	.134		
CPMT 2.51.52 EMU	*	*	*			.0313			
CPMT 321 EMU	*	*	*	.375	.125	.0156	.1732		
CPMT 322 EMU	*	*	*			.0313			

PCLC SERIES SIDE LEVER LOCKING HOLDERS



CATALOG NUMBER			Dimensions (inch/mm)							
Right Hand	Left Hand	7° Positive Insert Series	A	B	C	E	F	Lever Pin	Clamp Bolt	Pin
PCLCR062A	PCLCL062A	CCMT21.51	3/8	3/8	4	0.4724	0.3947	LCL06	BTT0407	LP07
PCLCR083C	PCLCL083C	CCMT32.52	1/2	1/2	5	0.5906	0.520	LCL09	BTT0407	LP06
PCLCR103C	PCLCL103C	CCMT32.52	5/8	5/8	5	0.6299	0.6447	LCL09	BTT0411	LP06
PCLCR1010-K06	PCLCL1010-K06	CCMT21.51	10.0	10.0	125.0	10.0	10.5	LCL06	BTT0407	LP07
PCLCR1212-M09	PCLCL1212-M09	CCMT32.52	12.0	12.0	150.0	12.0	12.5	LCL09	BTT0407	LP06
PCLCR1616-M09	PCLCL1616-M09	CCMT32.52	16.0	16.0	150.0	16.0	16.5	LCL09	BTT0411	LP06

Wrench = TH020

SCMC SERIES HOLDERS



CATALOG#			A	B	C	E	F		
Neutral Hand	7° Positive Insert Series							Insert Screw	Torx Wrench
SCMCN062	CCMT21.51	3/8	3/8	3-1/2	.500	.1875		ST-21.5	TRX08
SCMCN082	CCMT21.51	1/2	1/2	3-1/2	.500	.250		ST-21.5	TRX08
SCMCN102	CCMT21.51	5/8	5/8	4	.500	.3125		ST-21.5	TRX08
SCMCN103	CCMT32.52	5/8	5/8	4-1/2	.625	.3125		ST-32.5	TRX15
SCMCN123	CCMT32.52	3/4	3/4	4-1/2	.625	.375		ST-32.5	TRX15

SCAC SERIES HOLDERS



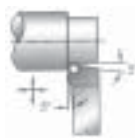
CATALOG NUMBER			Dimensions (inch/mm)						
Right Hand	Left Hand	7° Positive Insert Series	A	B	C	E	F	Insert Screw	Torx Wrench
SCACR062D	SCACL062D	CCMT21.51	3/8	3/8	6	.4375	.375	ST-21.5	TRX08
SCACR083D	SCACL083D	CCMT32.52	1/2	1/2	6	.625	.500	ST-32.5	TRX15
SCACR103D	SCACL103D	CCMT32.52	5/8	5/8	4-1/2	.500	.625	ST-32.5	TRX15
SCACR1010-06	SCACL1010-06	CCMT21.51	10.0	10.0	100.0	10.0	10.5	BFTX02506N	TRX08
SCACR1212-09	SCACL1212-09	CCMT32.52	12.0	12.0	100.0	12.0	12.5	BFTX0409N	TRX15
SCACR1616-09	SCACL1616-09	CCMT32.52	16.0	16.0	100.0	16.0	16.5	BFTX0409N	TRX15

SCGC SERIES HOLDERS



CATALOG NUMBER			A	B	C	E	F		
Right Hand	Left Hand	7° Positive Insert Series						Insert Screw	Torx Wrench
SCGCR062	SCGCL062	CCMT21.51	3/8	3/8	2-1/2	.500	.500	ST-21.5	TRX08
SCGCR082V	SCGCL082	CCMT21.51	1/2	1/2	3-1/2	.500	.625	ST-21.5	TRX08
SCGCR103A	SCGCL103	CCMT32.52	5/8	5/8	4	.625	.750	ST-32.5	TRX15

SCLC SERIES HOLDERS



CATALOG NUMBER			Dimensions (inch/mm)						
Right Hand	Left Hand	7° Positive Insert Series	A	B	C	E	F	Insert Screw	Torx Wrench
SCLCR062	SCLCL062	CCMT21.51	3/8	3/8	3-1/2	.490	.500	ST-21.5	TRX08
SCLCR082V	SCLCL082V	CCMT21.51	1/2	1/2	3-1/2	.500	.625	ST-21.5	TRX08
SCLCR102	SCLCL102	CCMT21.51	5/8	5/8	4	.500	.750	ST-21.5	TRX08
SCLCR103	SCLCL103	CCMT32.52	5/8	5/8	4-1/2	.690	.750	ST-32.5	TRX15
SCLCR123	SCLCL123	CCMT32.52	3/4	3/4	4-1/2	.690	1.000	ST-32.5	TRX15
SCLCR163	SCLCL163	CCMT32.52	1	1	6	.690	1.250	ST-32.5	TRX15
SCLCR1010-06	SCLCL1010-06	CCMT21.51	10.0	10.0	100.0	10.0	12.0	BFTX02506N	TRX08
SCLCR1212-09	SCLCL1212-09	CCMT32.52	12.0	12.0	100.0	12.0	16.0	BFTX0409N	TRX15
SCLCR1616-09	SCLCL1616-09	CCMT32.52	16.0	16.0	100.0	16.0	20.0	BFTX0409N	TRX15

See next page for inserts

CCMT - ESU INSERTS												
Insert Hole		Application										
Catalog No.	Coated				Cermet		Dimensions (Inches)					
	AC2000	AC3000	AC700G	EH510Z	EH520Z	T2000Z	T3000Z	T1200A	Inscribed Circle	Thickness	Nose Radius	Insert Hole Dia.
CCMT 21.50.5 ESU	*	*				*	*	*	1/4	3/32	1/128	.110
CCMT 21.51 ESU	*	*	*	*	*	*	*				1/64	
CCMT 21.52 ESU	*	*	*	*	*	*	*				1/32	
CCMT 32.50.5 ESU	*	*				*	*	*	3/8	5/32	1/128	.1732
CCMT 32.51 ESU	*	*	*	*	*	*	*				1/64	
CCMT 32.52 ESU	*	*	*	*	*	*	*				1/32	
CCMT 431 ESU	*	*							1/2	3/16	1/64	.2165
CCMT 432 ESU	*	*									1/32	

CCMT - ENK INSERTS										
Insert Hole		Application								
Catalog No.	Coated				Cermet		Dimensions (Inches)			
	AC2000	AC3000	AC300G	AC700G	Inscribed Circle	Thickness	Nose Radius	Insert Hole Dia.		
CCMT 21.51 ENK	*	*	*	*	1/4	3/32	1/64	.110		
CCMT 21.52 ENK	*	*	*	*			1/32			
CCMT 32.51 ENK	*	*	*	*			3/8		5/32	1/64
CCMT 32.52 ENK	*	*	*	*	1/32					
CCMT 431 ENK	*	*			1/2	3/16		1/64		.2165
CCMT 432 ENK	*	*					1/32			


CCMT - EFP INSERTS										
Insert Hole		Application								
Catalog No.	Cermet		Dimensions (Inches)							
	T2000Z	T1200A	Inscribed Circle	Thickness	Nose Radius	Insert Hole Dia.				
CCMT 21.51 EFP	*	*	.250	.094	.0156	.110				
CCMT 32.51 EFP	*	*	.375	.156	.0156	.1732				
CCMT 32.52 EFP	*	*			.0313					






CCMT - EFM INSERTS										
Insert Hole		Application								
Catalog No.	Coated		Dimensions (Inches)							
	AC2000		Inscribed Circle	Thickness	Nose Radius	Insert Hole Dia.				
CCMT 21.51 EFM	*		.250	.094	.0156	.110				
CCMT 322 EFM	*		.375	.125	.0313	.1732				
CCMT 432 EFM	*		.500	.1875	.0313	.2165				

CCMT - ESJ INSERTS										
Insert Hole		Application								
Catalog No.	Cermet		Dimensions (Inches)							
	T1200A		Inscribed Circle	Thickness	Nose Radius	Insert Hole Dia.				
CCMT 21.51 ESJ	*		.250	.094	.0156	.110				
CCMT 32.51 ESJ	*		.375	.156	.0156	.1732				
CCMT 32.52 ESJ	*				.0313					

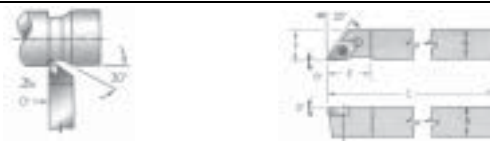
CCMT - EMU INSERTS										
Insert Hole		Application								
Catalog No.	Coated				Dimensions (Inches)					
	AC2000	AC3000	AC300G	AC700G	Inscribed Circle	Thickness	Nose Radius	Insert Hole Dia.		
CCMT 32.51 EMU	*	*	*	*	.375	.156	.0156	.1732		
CCMT 32.52 EMU	*	*	*	*			.0313			




PDJC SERIES SIDE LEVER LOCKING HOLDERS



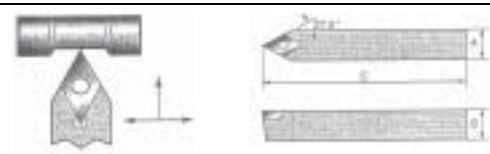
CATALOG NUMBER			Dimensions (inch/mm)								
Right Hand	Left Hand	7° Positive Insert Series	A	B	C	E	F	Lever Pin	Clamp Bolt	Pin	Wrench
PDJCR062A	PDJCL062A	DCMT21.51	3/8	3/8	4	0.4724	0.3947	LCL06	BTT0407	LP04	TH020
PDJCR083C	PDJCL083C	DCMT32.52	1/2	1/2	5	.7874	0.520	LCL09	BTT0407	LP07	TH020
PDJCR103C	PDJCL103C	DCMT32.52	5/8	5/8	5	.7874	0.6447	LCL09	BTT0411	LP07	TH020
PDJCR1010-K07	PDJCL1010-K07	DCMT21.51	10.0	10.0	125.0	10.0	10.5	LCL06	BTT0407	LP04	TH020
PDJCR1212-M11	PDJCL1212-M11	DCMT32.52	12.0	12.0	150.0	12.0	12.5	LCL09	BTT0407	LP07	TH020
PDJCR1616-M11	PDJCL1616-M11	DCMT32.52	16.0	16.0	150.0	16.0	16.5	LCL09	BTT0411	LP07	TH020




SDAC SERIES HOLDERS



CATALOG NUMBER			Dimensions (inch/mm)						
Right Hand	Left Hand	7° Positive Insert Series	A	B	C	E	F	Insert Screw	Torx Wrench
SDACR062D	SDACL062D	DCMT21.51	3/8	3/8	6	0.625	0.375	STC-21.5	TRX08
SDACR082D	SDACL082D	DCMT32.52	1/2	1/2	4	0.625	0.500	STC-21.5	TRX08
SDACR103B	SDACL103B	DCMT32.52	5/8	5/8	4-1/2	.875	0.625	STC-32.5	TRX15
SDACR1010-07	SDACL1010-07	DCMT21.51	10.0	10.0	100.0	10.0	10.5	BFTX02506N	TRX08
SDACR1212-11	SDACL1212-11	DCMT32.52	12.0	12.0	100.0	12.0	12.5	BFTX0409N	TRX15
SDACR1616-11	SDACL1616-11	DCMT32.52	16.0	16.0	100.0	16.0	16.5	BFTX0409N	TRX15


SDPCN SERIES HOLDERS






CATALOG NO.		A	B	C		
Neutral Hand	7° Positive Insert Series				Insert Screw	Torx Wrench
SDPCN062D	DCMT21.51	.375	.375	6.000	ST-21.5	TRX08
SDPCN083D	DCMT32.52	.500	.500	6.000	ST-32.5	TRX15
SDPCN103D	DCMT32.52	.625	.625	6.000	ST-32.5	TRX15

See next page for inserts


A-SDXP SERIES HOLDERS






Solid steel bar with coolant hole

CATALOG NO.			D	C	F	L	K°	Min. Bore	A		
Right Hand	Left Hand	11° Positive Insert Series								Insert Screw	Torx Wrench
A08SDXPR2	A08SDXPL2	DCMT21.51	.500	-8.000	.437	8-1/2	0°	.730	1/16-27 NPT	ST-21.5	TRX08
A10SDXPR2	A10SDXPL2	DCMT21.51	.625	-10.000	.500	10-1/2	0°	.850	1/8-27 NPT	ST-21.5	TRX08
A12SDXPR3	A12SDXPL3	DCMT32.52	.750	-10.000	.562	10-3/4	-2°	.980	1/8-27 NPT	ST-32.5	TRX15
A16SDXPR3	A16SDXPL3	DCMT32.52	1.000	-12.000	.750	12-3/4	0°	1.300	1/4-18 NPT	ST-32.5	TRX15

A-SDUC SERIES HOLDERS



Solid steel bar with coolant hole

CATALOG NO.			D	C	F	K°	Min. Bore	A		
Right Hand	Left Hand	7° Positive Insert Series							Insert Screw	Torx Wrench
A06SDUCR2	A06SDUCL2	DCMT21.51	.375	-6.000	.375	7°	.600	1/8*	ST-21.5	TRX08
A06SDUCR2	A06SDUCL2	DCMT21.51	.500	-6.000	.437	7°	.730	1/16-27 NPT	ST-21.5	TRX08
A10SDUCR2	A10SDUCL2	DCMT21.51	.625	-8.000	.500	7°	.850	1/8-27 NPT	ST-21.5	TRX08
A12SDUCR3	A12SDUCL3	DCMT32.52	.750	-10.000	.562	7°	.980	1/8-27 NPT	ST-32.5	TRX15
A16SDUCR3	A16SDUCL3	DCMT32.52	1.000	-12.000	.750	5°	1.300	1/4-18 NPT	ST-32.5	TRX15

*Drilled hole only. No threads.

See next page for inserts

DCMT - ENK INSERTS						
Insert Hole	Application					
	Coated	Dimensions (Inches)				
	AC2000	AC3000	Inscribed Circle	Thickness	Nose Radius	Insert Hole Dia.
Catalog No.	AC2000	AC3000				
DCMT 21.51 ENK	*	*	.250	.094	.0156	.110
DCMT 32.51 ENK	*	*	.375	.156	.0156	.1732
DCMT 32.52 ENK	*	*		.0313		

DCMT - ELU INSERTS						
Insert Hole	Application					
	Coated	Cermet	Dimensions (Inches)			
	AC2000	AC630M	AC700G	ACZ310	T2000Z	T3000Z
Catalog No.	AC2000	AC630M	AC700G	ACZ310	T2000Z	T3000Z
DCMT 21.50.5 ELU	*	*	*	*	*	*
DCMT 21.51 ELU	*	*	*	*	*	*
DCMT 32.50.5 ELU	*	*	*	*	*	*
DCMT 32.51 ELU	*	*	*	*	*	*
DCMT 32.52 ELU	*	*	*	*	*	*

DCMT - ESU INSERTS						
Insert Hole	Application					
	Coated	Cermet	Dimensions (Inches)			
	AC2000	AC3000	AC700G	EH510Z	EH520Z	T2000Z
						T3000Z
						T1200A
Catalog No.	AC2000	AC3000	AC700G	EH510Z	EH520Z	T2000Z
DCMT 21.5.5 ESU	*	*	*	*	*	*
DCMT 21.51 ESU	*	*	*	*	*	*
DCMT 21.52 ESU	*	*	*	*	*	*
DCMT 32.50.5 ESU	*	*	*	*	*	*
DCMT 32.51 ESU	*	*	*	*	*	*
DCMT 32.52 ESU	*	*	*	*	*	*

DCMT - EMU INSERTS						
Insert Hole	Application					
	Coated	Dimensions (Inches)				
	AC2000	AC3000	AC300G	AC700G	Inscribed Circle	Thickness
					Nose Radius	Insert Hole Dia.
Catalog No.	AC2000	AC3000	AC300G	AC700G		
DCMT 32.51 EMU	*	*	*	*	.375	.156
DCMT 32.52 EMU	*	*	*	*	.375	.156

BSDJO SERIES HOLDERS													
For Internal Boring													
These figures show right hand tools													
CATALOG NO.	R	L	Stkd	Dimensions					Insert	Insert Series=DCGT			
				Min Bore B	D	L	S	H			∅		
BSDJOR/L 061	*	*	*	.516	.375	5.000	.306	.336	-6°	DC_	21.5_	BFTX02506	TRX08
BSDJOR/L 081	*	*	*	.687	.500	6.000	.368	.461	-6°	DC_	32.5_	BFS0410T	TRX10
BSDJOR/L 103	*	*	*	.813	.625	8.000	.431	.586	-6°	DC_	32.5_	BFS0410T	TRX10
BSDJOR/L 123	*	*	*	1.000	.750	10.000	.493	.671	-6°	DC_	32.5_	BFS0410T	TRX10

DCGT - EFM INSERTS						
Insert Hole	Application					
	Coated	Cermet				
	AC2000	T2000Z	T3000Z	T110A	T1200A	T130Z
Catalog No.	AC2000	T2000Z	T3000Z	T110A	T1200A	T130Z
DCGT 21.5.001 EFM	*	*	*	*	*	*
DCGT 21.50 EFM	*	*	*	*	*	*
DCGT 21.50.5 EFM	*	*	*	*	*	*
DCGT 21.51 EFM	*	*	*	*	*	*
DCGT 21.52 EFM	*	*	*	*	*	*
DCGT 2.51.50 EFM	*	*	*	*	*	*
DCGT 2.51.50.5 EFM	*	*	*	*	*	*
DCGT 32.5.001 EFM	*	*	*	*	*	*
DCGT 32.50 EFM	*	*	*	*	*	*
DCGT 32.50.5 EFM	*	*	*	*	*	*
DCGT 32.51 EFM	*	*	*	*	*	*
DCGT 32.52 EFM	*	*	*	*	*	*

DCGT - FX INSERTS						
Insert Hole	Application					
	Coated	Cermet	Dimensions (Inches)			
	ACZ310	T1200A	Inscribed Circle	Thickness	Nose Radius	Insert Hole Dia.
Catalog No.	ACZ310	T1200A				
DCGT 21.5.001 RFX	*	*			.0012	
DCGT 21.50 LFX	*	*			.0012	
DCGT 21.50 RFX	*	*			1/256	
DCGT 21.50 LFX	*	*			1/256	
DCGT 21.50.5 RFX	*	*			1/128	
DCGT 21.50.5 LFX	*	*			1/128	
DCGT 32.5.001 RFX	*	*			.0012	
DCGT 32.5.001 LFX	*	*			.0012	
DCGT 32.50 RFX	*	*			1/256	
DCGT 32.50 LFX	*	*			1/256	
DCGT 32.50.5 RFX	*	*			1/128	
DCGT 32.50.5 LFX	*	*			1/128	