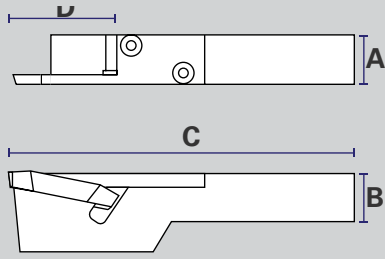




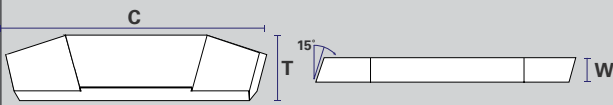
CUT-OFF TOOLHOLDERS



TOOLHOLDER NUMBER		DIMENSION					
LEFT HAND	RIGHT HAND	A	B	C	D	INSERT	
NCBL-1	NCBR-1	3/8"	3/8"	3.5"	.550	ADBL/R-28	
NCBL-2	NCBR-2	3/8"	3/8"	5"	.550	ADBL/R-28	
NCBL-4	NCBR-4	1/2"	1/2"	5"	.800	ADBL/R-33	
NCBL-6	NCBR-6	5/8"	5/8"	5"	.800	ADBL/R-33	
NCBL-20mm	NCBR-20mm	20mm	20mm	5"	.800	ADBL/R-33	
◇NCBL-8	◇NCBR-8	3/4"	3/4"	5"	.800	ADBL/R-33	
◇NCBL-9	NCBR-9	1"	1"	5"	.800	ADBL/R-33	

HOLD DOWN SCREW FOR ABOVE ETCO-53238AFSC

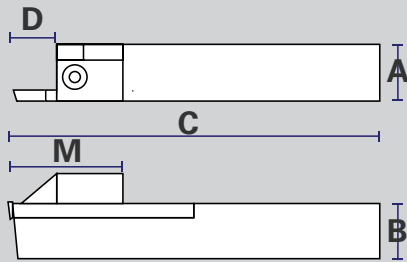
CUT OFF INSERTS



INSERT NUMBER		DIMENSION		
LEFT HAND	RIGHT HAND	A	B	C
ADBL-28	ADBR-28	.115	.199	1.000
ADBL-33	ADBR-33	.120	.199	1.115

SPECIAL GEOMETRY IS AVAILABLE

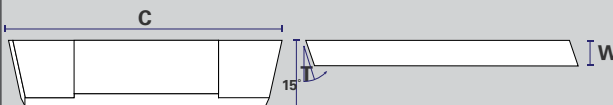
CUT-OFF TOOLHOLDERS



TOOLHOLDER NUMBER		DIMENSION					
LEFT HAND	RIGHT HAND	A	B	C	D	INSERT	
DBCL-1	DBCR-1	3/8"	3/8"	3.5"	.550	DBCL/R-28	
DBCL-2	DBCR-2	3/8"	3/8"	5"	.550	DBCL/R-28	
DBCL-3	DBCR-3	1/2"	1/2"	3.5"	.800	DBCL/R-33	
DBCL-4	DBCR-4	1/2"	1/2"	5"	.800	DBCL/R-33	
DBCL-6	DBCR-6	5/8"	5/8"	5"	.800	DBCL/R-33	
DBCL-8	DBCR-8	3/4"	3/4"	5"	.800	DBCL/R-33	
◇DBCL-10	◇DBCR-10	1"	1"	5"	.800	DBCL/R-33	

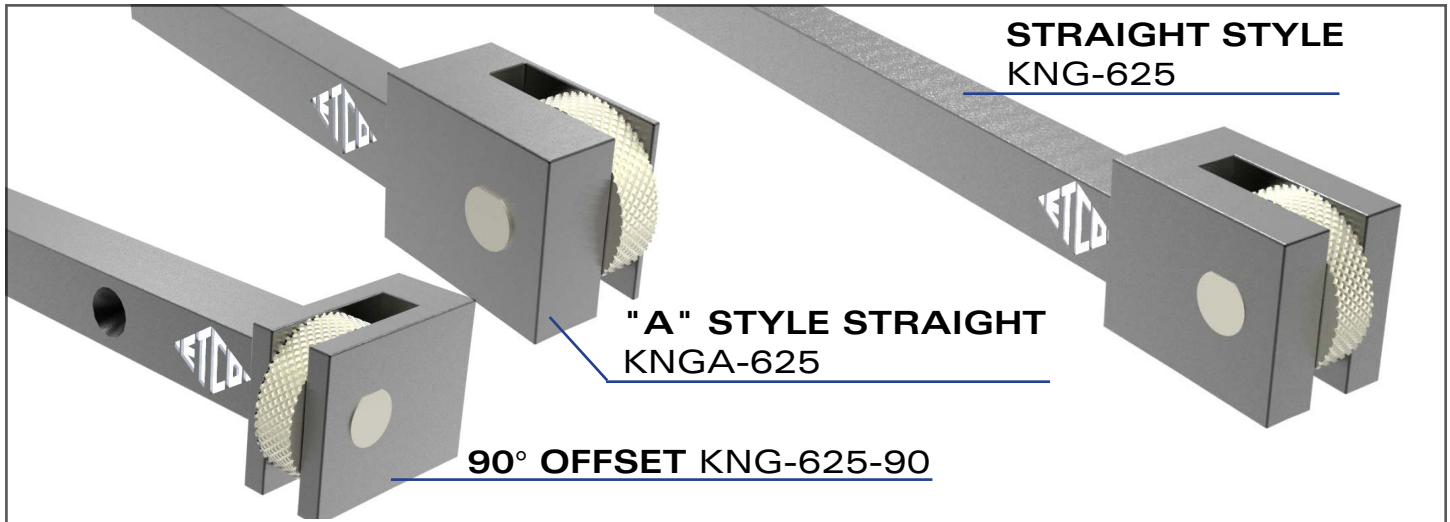
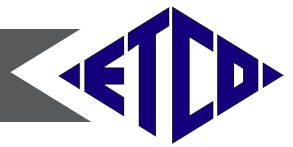
HOLD DOWN SCREW FOR ABOVE ETCO-63238AFSC

DOG BONE INSERTS



INSERT NUMBER		DIMENSION		
LEFT HAND	RIGHT HAND	A	B	C
DBCL-28	DBCR-28	.115	.199	1.000
DBCL-33	DBCR-33	.120	.199	1.115

SPECIAL GEOMETRY IS AVAILABLE



90° KNURLING HOLDERS

TOOLHOLDER NUMBER	DIMENSION			
RIGHT HAND	A	B	C	D
KNG-625-90R2	.375	.500	4"	.375
KNG-625-90R4	.500	.500	4"	.500

USE STANDARD .625 X .250 FORM KNURLS
USE CARBIDE PIN # .500X.250 DIAMETER

A STYLE KNURLING HOLDERS

TOOLHOLDER NUMBER	DIMENSION					
RIGHT HAND	A	B	C	D	F	G
KNGA-625-90R2	.375	.375	.375	.400	.300	.050
KNGA-625-90R4	.500	.500	.500	.400	.300	.050

USE STANDARD .625 X .250 FORM KNURLS
USE CARBIDE PIN # .655X.250 DIAMETER

KNURLING HOLDERS

TOOLHOLDER NUMBER	DIMENSION						
RIGHT HAND	A	B	C	D	E	F	G
KNG-625-R2	.375	.375	.375	4.00"	.375	.125	
KNG-625-R4	.500	.500	.500	4.00"	.450	.200	
KNG-625-R6	.625	.625	.625	4.00"	.450	.200	
◇KNG-625-R8	.750	.750	.750	4.00"	.500	.250	
◇KNG-625-R10	1.00	1.00	1.00	4.00"	.500	.250	

USE STANDARD .625 X .250 FORM KNURLS
USE CARBIDE PIN # .687X.250 DIAMETER

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