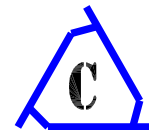




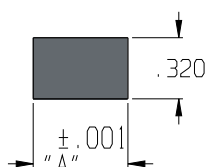
CENTURY TOOL & DESIGN INC.



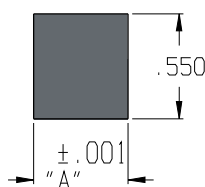
PATENT No. 7862261

WEDGE - LOCTM A REGRINDABLE INSERT TOOLING SYSTEM **INSERTS & TOOLHOLDERS**

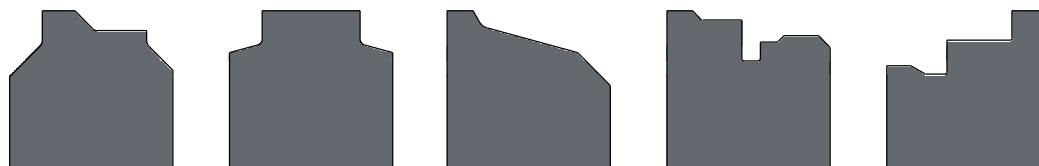
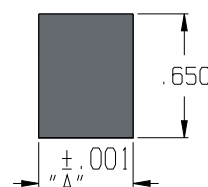
INSERT BLANK
STYLE #1



INSERT BLANK
STYLE #2



INSERT BLANK
STYLE #3



ENLARGED VIEWS OF A FEW SPECIAL INSERT FORMS

SUBMIT YOUR SPECIAL TOOLING REQUIREMENTS TO US TODAY FOR A QUOTATION USING THIS TYPE OF INSERT

THE INSERTS TOP SURFACE
.120 MIN. REGRIND

OUTLINE OF THE UNIVERSAL SIDE PLATE

0° OR 5°
.156 - STYLE No. 1
.188 - STYLE No. 2 & 3

INSERT LOCATING
SURFACES

WEDGE

HEX SOCKET
BOTH ENDS

WEDGE LOCKING SCREW

HARDENED TOOL
STEEL - SHANK

BENEFITS:

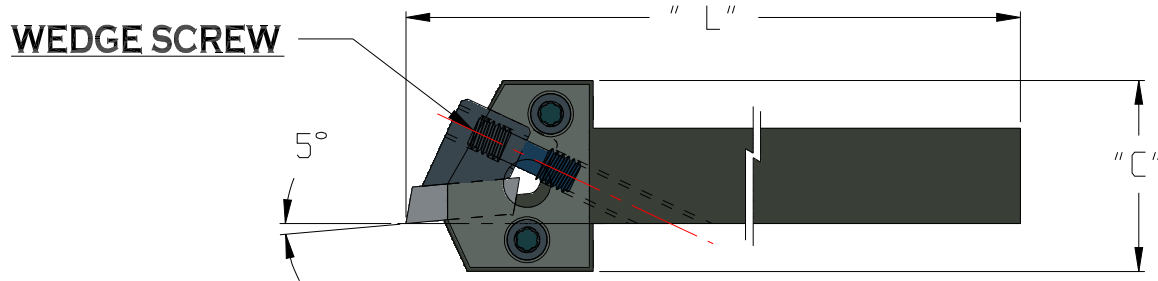
- 1) ALL INSERTS ARE REGRINDABLE.
- 2) THE INSERTS WILL ALWAYS RELOCATE BACK TO THE ORIGINAL POSITION.
- 3) THIS STYLE OF WEDGE-LOCKING SCREW AFFORDS EASY ACCESS FROM EITHER THE TOP OR THE FRONT.
- 4) MINIMUM DOWN TIME



WEDGE - LOCTM **CNC & SWISS TYPE TOOLHOLDERS**



PATENT No. 7862261



ORDERING EXAMPLE CTD-9131-375-4
PAGE 29 AND 30

TORX SCREW (2) REQ'D
CTD-4110

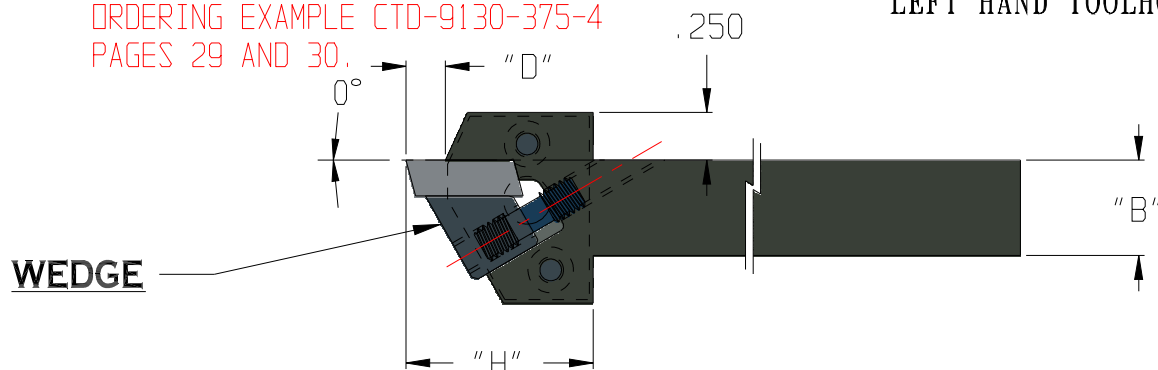
UNIVERSAL SIDE PLATE (1) REQ'D

ATTACHING THE SIDE PLATE
TO THIS SIDE OF THE
SHANK CREATES A
RIGHT HAND TOOLHOLDER

INSERT STYLE
No. 1 OR No. 2
PAGE #27

ATTACHING THE SIDE PLATE
TO THIS SIDE OF THE
SHANK CREATES A
LEFT HAND TOOLHOLDER

ORDERING EXAMPLE CTD-9130-375-4
PAGES 29 AND 30.



FOR VARIATIONS OF THESE TOOLHOLDERS
PLEASE SUBMIT YOUR REQUEST FOR A QUOTE

**WEDGE - LOC™****CNC & SWISS TYPE TOOLHOLDERS****PATENT No. 7862261****TOOLHOLDER NUMBERS THAT USE STYLE No. 1 INSERTS**

INSERTS ARE LOCATED ON PAGE #27

0° TOP RAKE TOOLHOLDERS	5° TOP RAKE TOOLHOLDERS	"A"	"B"	"C"	"D"	"H"	"L"	SIDE PLATE	WEDGE	WEDGE SCREW
CTD-9130-375-3	CTD-9131-375-3		.375							
CTD-9130-375-4	CTD-9131-375-4		.500							
CTD-9130-375-5	CTD-9131-375-5		.625							
CTD-9130-375-10MM	CTD-9131-375-10MM	.375	.394	.875	.100	.75	4.0	CTD-9130-SP	CTD-9128-375	CTD-9132
CTD-9130-375-12MM	CTD-9131-375-12MM		.472							
CTD-9130-375-14MM	CTD-9131-375-14MM		.551							

0° TOP RAKE TOOLHOLDERS	5° TOP RAKE TOOLHOLDERS	"A"	"B"	"C"	"D"	"H"	"L"	SIDE PLATE	WEDGE	WEDGE SCREW
CTD-9130-500-3	CTD-9131-500-3		.375							
CTD-9130-500-4	CTD-9131-500-4		.500							
CTD-9130-500-5	CTD-9131-500-5		.625							
CTD-9130-500-10MM	CTD-9131-500-10MM	.500	.394	.875	.100	.75	4.0	CTD-9130-SP	CTD-9128-500	CTD-9132
CTD-9130-500-12MM	CTD-9131-500-12MM		.472							
CTD-9130-500-14MM	CTD-9131-500-14MM		.551							

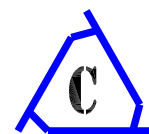
0° TOP RAKE TOOLHOLDERS	5° TOP RAKE TOOLHOLDERS	"A"	"B"	"C"	"D"	"H"	"L"	SIDE PLATE	WEDGE	WEDGE SCREW
CTD-9130-625-3	CTD-9131-625-3		.375							
CTD-9130-625-4	CTD-9131-625-4		.500							
CTD-9130-625-5	CTD-9131-625-5		.625							
CTD-9130-625-10MM	CTD-9131-625-10MM	.625	.394	.875	.100	.75	4.0	CTD-9130-SP	CTD-9128-625	CTD-9132
CTD-9130-625-12MM	CTD-9131-625-12MM		.472							
CTD-9130-625-14MM	CTD-9131-625-14MM		.551							

**HOLDERS LISTED ON PAGES 29, 30 AND 31 ARE COMMON SIZES.
IF YOU DON'T SEE WHAT YOU REQUIRE, CALL, AND WE WILL
DESIGN ONE FOR YOU.**

**HOLDERS THAT ARE DESIGNED FOR YOUR SPECIFIC APPLICATIONS
WILL BE ISSUED ITS OWN CTD-NUMBER.**



WEDGE - LOC™



CNC & SWISS TYPE TOOLHOLDERS

PATENT No. 7862261

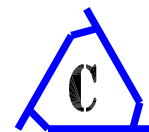
TOOLHOLDER NUMBERS THAT USE STYLE No. 2 INSERTS

INSERTS ARE LOCATED ON PAGE #27

0° TOP RAKE TOOLHOLDERS	5° TOP RAKE TOOLHOLDERS	"A"	"B"	"C"	"D"	"H"	"L"	SIDE PLATE	WEDGE	WEDGE SCREW
CTD-8790-375-3	CTD-8791-375-3		.375							
CTD-8790-375-4	CTD-8791-375-4		.500							
CTD-8790-375-5	CTD-8791-375-5		.625							
CTD-8790-375-6	CTD-8791-375-6		.750							
CTD-8790-375-10MM	CTD-8791-375-10MM	.375	.394	1.000	.200	.990	5.0	CTD-8790-SP	CTD-8766-375	CTD-8792
CTD-8790-375-12MM	CTD-8791-375-12MM		.472							
CTD-8790-375-14MM	CTD-8791-375-14MM		.551							
CTD-8790-375-16MM	CTD-8791-375-16MM		.630							
CTD-8790-500-3	CTD-8791-500-3		.375							
CTD-8790-500-4	CTD-8791-500-4		.500							
CTD-8790-500-5	CTD-8791-500-5		.625							
CTD-8790-500-6	CTD-8791-500-6		.750							
CTD-8790-500-10MM	CTD-8791-500-10MM	.500	.394	1.000	.200	.990	5.0	CTD-8790-SP	CTD-8766-500	CTD-8792
CTD-8790-500-12MM	CTD-8791-500-12MM		.472							
CTD-8790-500-14MM	CTD-8791-500-14MM		.551							
CTD-8790-500-16MM	CTD-8791-500-16MM		.630							
CTD-8790-625-3	CTD-8791-625-3		.375							
CTD-8790-625-4	CTD-8791-625-4		.500							
CTD-8790-625-5	CTD-8791-625-5		.625							
CTD-8790-625-6	CTD-8791-625-6		.750							
CTD-8790-625-10MM	CTD-8791-625-10MM	.625	.394	1.000	.200	.990	5.0	CTD-8790-SP	CTD-8766-625	CTD-8792
CTD-8790-625-12MM	CTD-8791-625-12MM		.472							
CTD-8790-625-14MM	CTD-8791-625-14MM		.551							
CTD-8790-625-16MM	CTD-8791-625-16MM		.630							
CTD-8790-750-3	CTD-8791-750-3		.375							
CTD-8790-750-4	CTD-8791-750-4		.500							
CTD-8790-750-5	CTD-8791-750-5		.625							
CTD-8790-750-6	CTD-8791-750-6		.750							
CTD-8790-750-10MM	CTD-8791-750-10MM	.750	.394	1.000	.200	.990	5.0	CTD-8790-SP	CTD-8766-750	CTD-8792
CTD-8790-750-12MM	CTD-8791-750-12MM		.472							
CTD-8790-750-14MM	CTD-8791-750-14MM		.551							
CTD-8790-750-16MM	CTD-8791-750-16MM		.630							



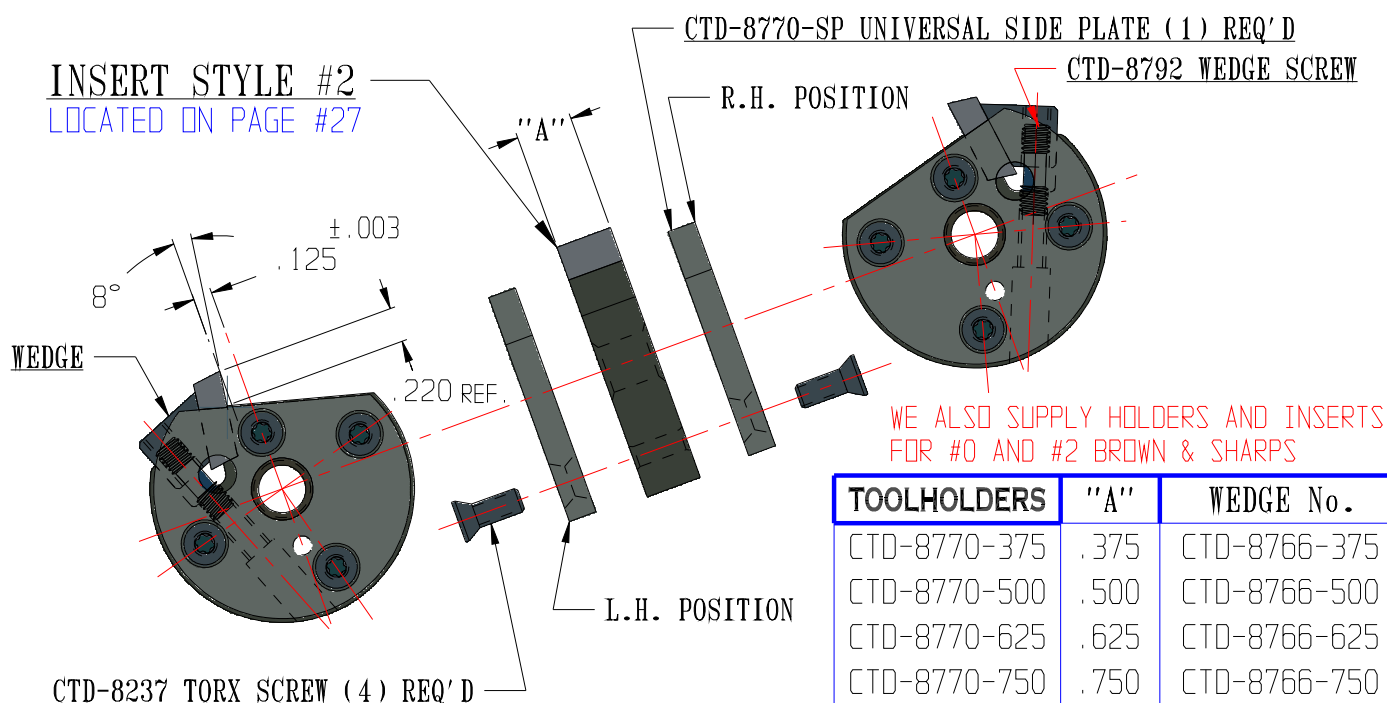
WEDGE - LOC™



B & S AND DAVENPORT TOOLHOLDERS

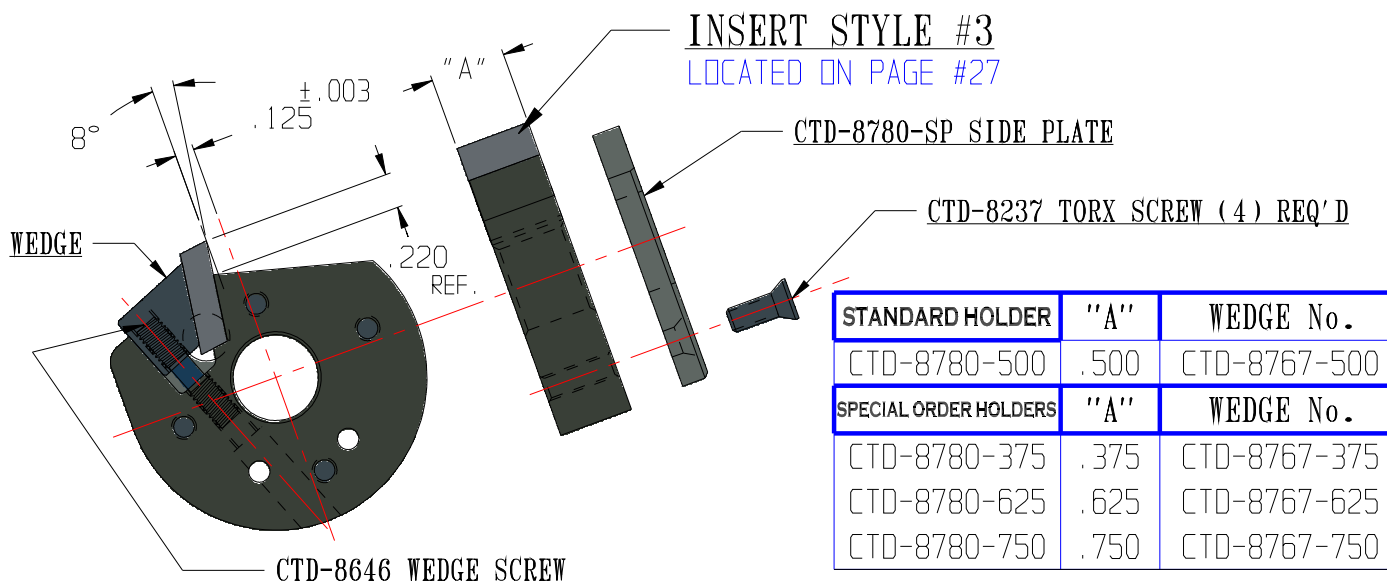
SPECIAL ORDER #00 B & S TOOLHOLDERS

PATENT No. 7862261



DAVENPORT TOOLHOLDERS

PATENT No. 7862261

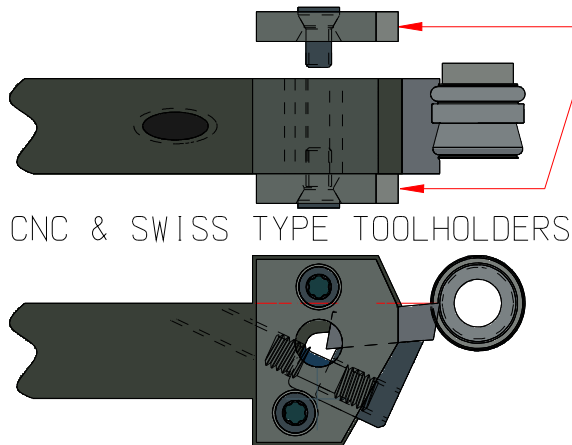


**FOR VARIATIONS OF THESE TOOLHOLDERS
PLEASE SUBMIT YOUR REQUEST FOR A QUOTE**



TM

WEDGE-LOC INSERTS & TOOLHOLDERS



CNC & SWISS TYPE TOOLHOLDERS

SEE PAGES 28,29 AND 30

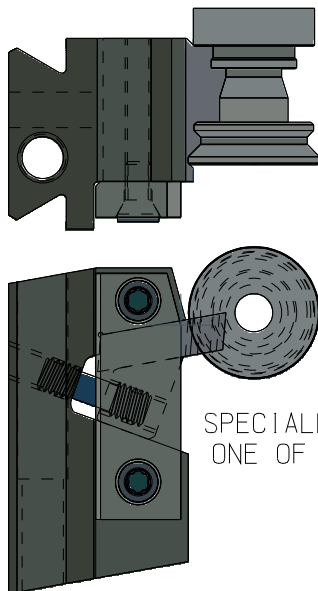
OUR DESIGN STAFF WILL WORK CLOSELY WITH YOU TO PRODUCE INSERTS FOR YOUR PARTS.

WE WILL WORK TO MINIMIZE THE NUMBER OF OPERATIONS, HELPING WITH PRODUCTION.

ALL INSERTS HAVE A SPECIAL TOP FINISH FOR IMPROVED PART FINISH.

INSERTS ARE OFFERED IN DIFFERENT GRADES OF CARBIDE OR HIGH SPEED STEEL. INSERT COATINGS AND GRADE IS DEPENDENT ON YOUR PART MATERIAL AND TURNING SPEED.

DOVETAIL TOOLHOLDER



SPECIALLY DESIGNED FOR ONE OF OUR CUSTOMERS.

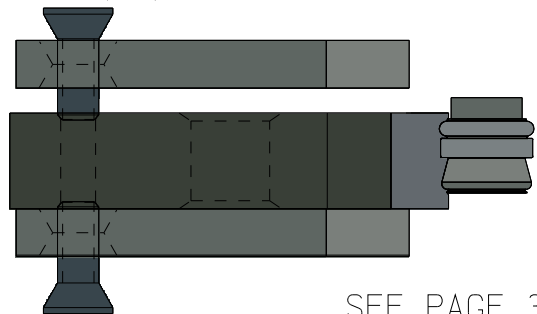
SIDE PLATE CAN BE USED ON BOTH SIDES FOR MOST TOOLHOLDERS.

OUR PATENTED TECHNOLOGY CAN BE APPLIED TO ANY TOOLHOLDER.

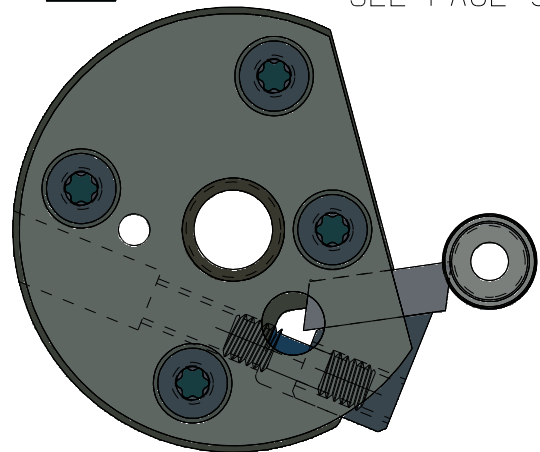
ONCE THE TOOLHOLDER IS SET UP, MAKING DIFFERENT PARTS IS AS EASY AS CHANGING THE INSERT.

INSERT IS LOCKED IN BY THE WEDGE, WHICH CAN BE ACCESSED FROM FRONT OR BACK. THIS AIDS IN CHANGING INSERT.

BROWN & SHARP AND DAVENPORT TOOLHOLDERS



SEE PAGE 31.



FOR A FRACTION OF THE COST OF NEW, OUR REGRIND SERVICE REMOVES ANY WEAR AND REAPPLIES SPECIAL FINISH. THE INSERT IS THEN RECOATED.

DUE TO OUR PATENTED DESIGN, INSERTS NEW OR REGROUND WILL LOCATE BACK TO CENTER HEIGHT AND LENGTH.

PATENT No. 7862261