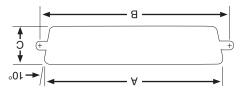
538	534	RS232	531	529	Cat. No.
34444	34429	34450	34437	34436	No. 78-3310- NAED/DCI
90	28	52	91	6	No. of Pins
(706.0) 0.5	(706.0) 0.5	(706.0) 0.5	(088.0)	1.4 (0.635)	Wt./Lbs. (Kg)
2.201 (mm 9.33)	2.296 (00 2.83 mm)	888.1 (mm 0.54)	721.1 (mm ð.82)	787. (mm 0.02)	. ک ,,
204.2 (mm 0.13)	2.497 (mm ⊅.£ð)	628.1 (mm 1.74)	1.309 (mm £.££)	282. (mm 9.42)	"B"
(mm 7.41) (75	(mm 9.11)	694. (mm 9.11)	(mm 9.11) (mm 9.11)	(mm 9.11) (mm 8.11)	"C»,
34443	34457G	344189	34445C	34441	Punch
32500	32166	36138	26198	36136	JinU əiD
34421	34421	34421	34421	34421	Draw Stud
04638	04638	04638	04638	04638	Square Retaining Nut
34733G	34733G	34733G	34733G	34733G	Drive Nut



Other GREENLEE Punching Products . . .

- 53 Sizes of Round Punches
 - 12 Sizes of Square Punches
 - **17 Sizes of Rectangular Punches**
 - 3 Sizes of "D" Punches
 - 5 Sizes of Double "D" Punches
 - 4 Sizes of Key Punches
 - 2 Sizes of Keyway Punches

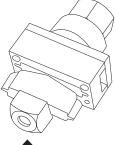
2 Sizes of Round Punches with 4 Notches

Need Special Size Punches? Call for Details . . .



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Safety Instructions and Parts List





229, 231, RS232, 234 and 238 Connector Punches



Read and understand this maerial before operating. Failure to understand how to safely operate the tool could result in an accident causing serious injury or death. This tool should only be operated by qualified personnel.

999 9626.0

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D'SUBMINIATURE PANEL PUNCHES

CAPACITY: 22 THROUGH 16 GAUGE MILD STEEL (0.8 mm - 1.5 mm) & 1/8" (3.2 mm) ALUMINUM

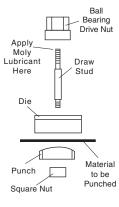
AWARNING

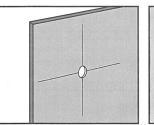
Do not punch enclosures containing or close to live circuits. Electrical shock could result causing severe injury or death.

INFORMATION

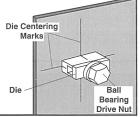
Lubricate threads and cutting edges before use.

OPERATING WITH WBENCH





Layout hole location and drill 7/16" (11.1 mm) pilot hole.

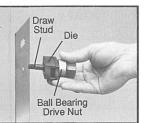


Align the centering marks on the outside of the die with the center lines of the hole. Tighten the ball bearing drive nut.

ACAUTION

Make sure you have firm footing and balance when operating.

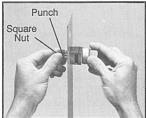
Position yourself to avoid any injuries in case of slippage, breakage or any other loss of control while punching.



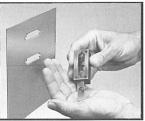
Insert through 7/16" (11.1 mm) pilot hole.



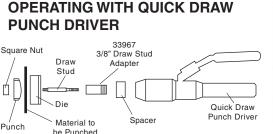
Turn drive nut with 1" wrench until punch is through material completely.



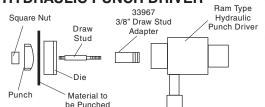
Tighten square nut against draw stud.

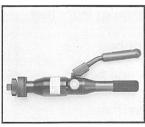


Dissassemble, shake slug out of opening at side of die.



OPERATING WITH RAM-TYPE HYDRAULIC PUNCH DRIVER

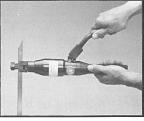




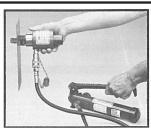
Assemble



Assemble



Punch



Punch