

AE SERIES

For Channels
and Extrusions

SPECIFICATIONS & OPERATING INSTRUCTIONS

OPERATING SHUT HEIGHT:	10-3/8" (263.5mm)
MIN. SHUT HEIGHT:	10-1/4" (260.3mm)
UNIT OPEN HEIGHT:	11" (279.4mm)
DIE HEIGHT:	5-1/2" (139.7mm)
MIN. DIE CLEARANCE:	.006" (.15mm)

MAX. PUNCH DIAMETER:	.625" (15.87mm)
MIN. PUNCH DIAMETER:	.1875" (4.76mm)
MAX. SQUARE:	.441" (11.2mm)
MIN. SHAPE DIMENSION:	.0937" (.238mm)
MAX. MAT. THK.:	4" (5.4#) CHANNEL (Based on 50,000 P.S.I. shear strength)

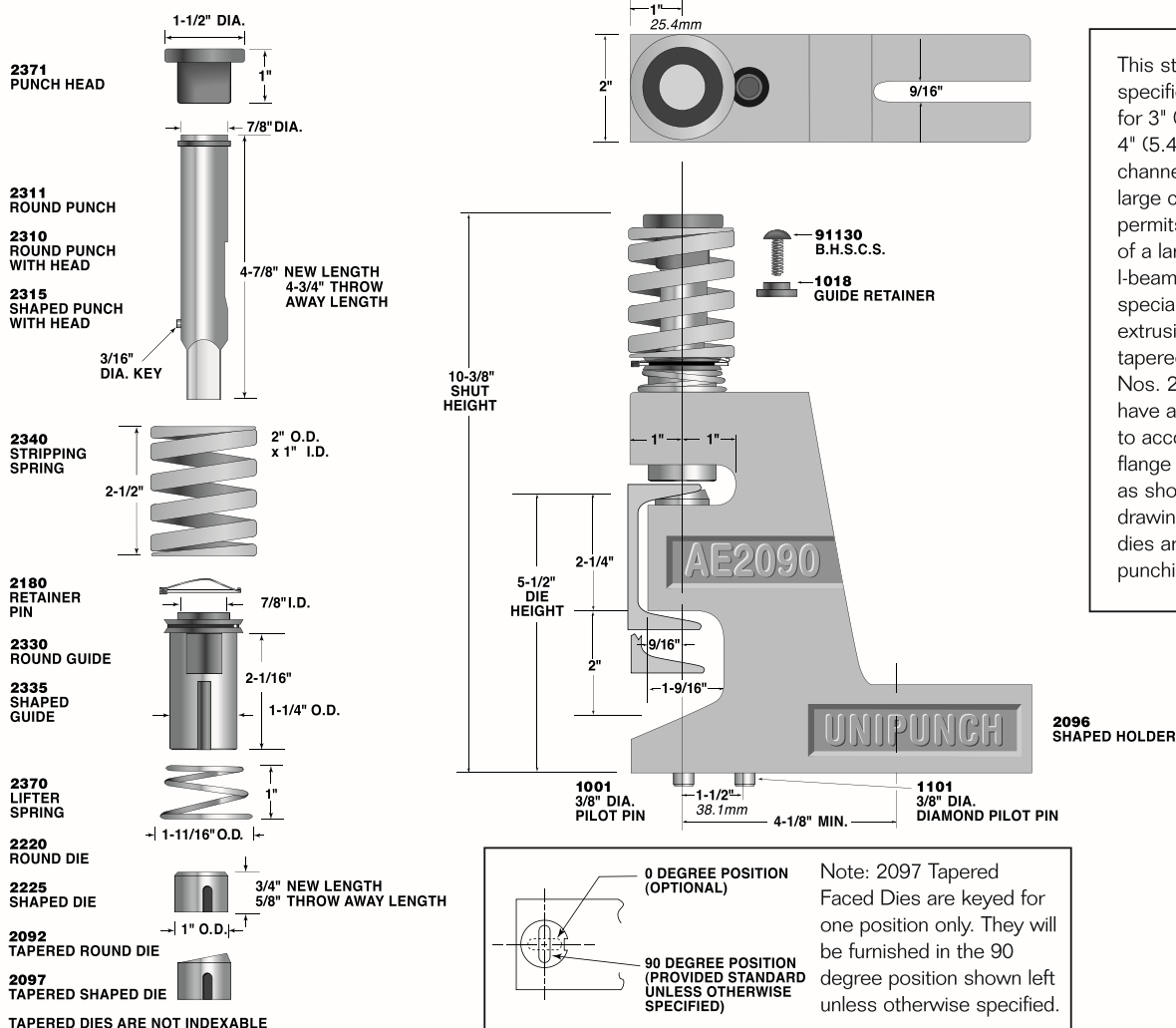
KITS AND SHIMS

Shaped hole conversion kit:	7134
Key kit:	9300
Hardware kit:	9343
Punch shim:	N.A.
Die shim:	1092- 12 pk. 1092- 48 pk. 1/16" thk./2 max.
Upper arm kit:	9737 Round 9738 Shaped

	COMPLETE ROUND UNITS	COMPLETE SHAPED UNITS	COMMON DIMENSIONS	
	Part No.	Part No.	Throat Depth	Shipping Weight
TAPERED DIE	2090	2095	1"	16 lbs.
FLAT DIE	2090F	2095F	1"	16 lbs.

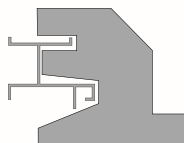
To order a unit less punch and die, add the suffix "- LPD".

To order a shaped unit with round punch & die, add the suffix "- RPD".



This standard unit is specifically designed for 3" (4.1#) and 4" (5.4#) structural channels; however, the large cutaway section permits the punching of a large variety of I-beams, angles, special shapes, and extrusions. The tapered dies, Part Nos. 2092 and 2097, have a die face angled to accommodate the flange of the channel, as shown in the drawing. Standard dies are required for punching flat stock.

An infinite number of variations of holder shapes can be designed to accommodate irregular shapes and extrusions using standard "A" or "B" Series components in the special holders. Shown are examples of custom units.



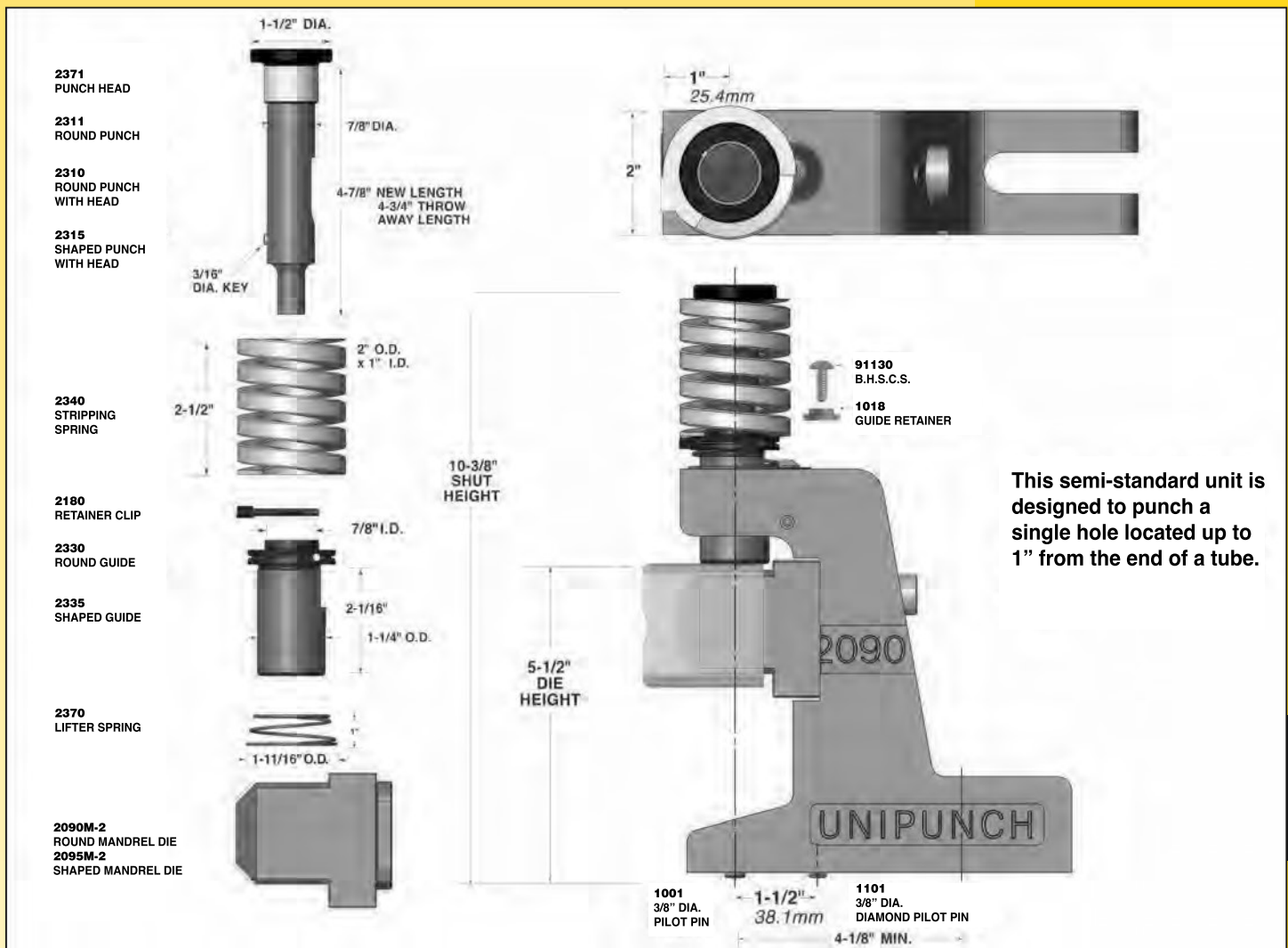
SEND
DRAWINGS
FOR PRICE
QUOTATION

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TP-AE

COMPLETE ROUND UNITS	COMPLETE SHAPED UNITS	COMMON DIMENSIONS	
Part No.	Part No.	Throat Depth	Shipping Weight
2090M	2095M	1"	14 lbs.



This semi-standard unit is designed to punch a single hole located up to 1" from the end of a tube.

Note: Mandrel dies are custom made to your tube specifications.
Please provide drawing showing the hole size and location on the tube.