

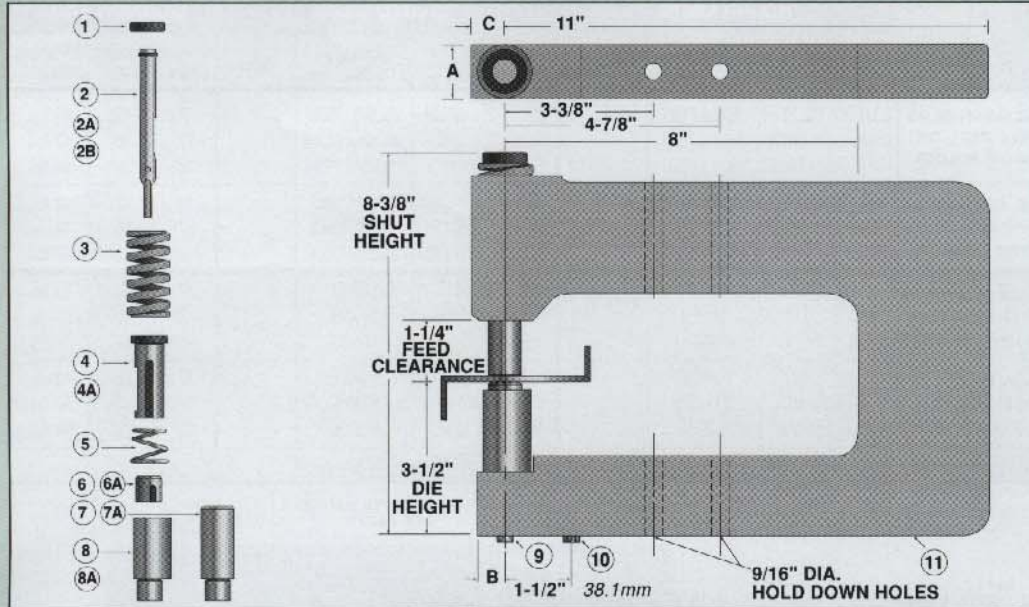
SPECIFICATIONS & OPERATING INSTRUCTIONS

OPERATING SHUT HEIGHT:	8-3/8" (212.7mm)
MIN. SHUT HEIGHT:	8-1/4" (209.5mm)
UNIT OPEN HEIGHT:	9-15/16" (252.4mm)
MAX. MATERIAL THICKNESS (MILD STEEL):	1/8" (3.18mm)

Available for both round and shaped holes, these semi-standard units feature extra wide feed openings to allow "front feed" of channels, angles,

DIE HEIGHT:	3-1/2" (88.9mm)
MATERIAL FEED CLEARANCE:	1-1/4" (31.8mm)
MIN. DIE CLEARANCE:	.012" (.30mm)
MAX. MATERIAL THICKNESS (STAINLESS STEEL):	1/16" (1.6mm)

extrusions and other formed parts. If your particular application calls for sizes other than ours, send your specifications for a price quotation.



Item No.	Description	1/4" WIDE		1/2" WIDE		2/4" WIDE	
		Catalog No.	Price	Catalog No.	Price	Catalog No.	Price
1	Punch Head	2075		22271		22371	
2	Round Punch	21111		22211		22311	
2A	Round Punch with Head	21110		22210		22310	
2B	Shaped Punch with Head	21115		22215		22315	
3	Stripping Spring	22140		22240		22340	
4	Round Guide	22130		22230		22330	
4A	Shaped Guide	22135		22235		22335	
5	Lifter Spring	22170		22270		22370	
6	Round Die Round Die w/ Collar (over .750")	2120 —	— —	2220 —	— —	2320-2 2320-1	
6A	Shaped Die Shaped Die w/ Collar (over .750")	2125 —	— —	2225 —	— —	2325-2 2325-1	
7	Round Pedestal Die	2121		2221		2321	
7A	Shaped Pedestal Die	2126		2226		2326	
8	Die Adapter (Round)	14172		14272		14372	
8A	Die Adapter (Shaped)	14174		14274		14374	
9	Pilot Pin (Round)	1120		1120		1120	
10	Pilot Pin (Diamond)	1101		1101		1101	
11	Shaped Holder	22156		22256		22356	
KITS & SHIMS	Shaped Hole Conversion Kit	7140		7141		7142	
	Key Kit:	9411		9411		9413	
	Hardware Kit:	9366		9366		9355	
SHIMS	Punch Shim:	N.A.	—	N.A.	—	N.A.	—
	Die Shim:	See AJ-1/4" page	—	See AJ-1/2" page	—	See AJ-2" page	—

FCU-1 1/4"

Feed Clearance Units

COMPLETE ROUND UNITS

STANDARD UNITS
(Complete with Round Punch, Die & Adapter)

Holder Width	Catalog No.	Max. Punch Dia.	Min. Punch Dia.	Price
1/4"	22101A	.4375 11.1mm	.0937 2.38mm	
1/2"	22201A	.6250 15.86mm	.1250 3.18mm	
2/4"	22301A	.8750 22.22mm	.1875 4.76mm	

OPTIONAL UNITS
(Complete with Round Punch & Pedestal Die)

Holder Width	Catalog No.	Max. Punch Dia.	Min. Punch Dia.	Price
1/4"	22101P	.4375 11.1mm	.0937 2.38mm	
1/2"	22201P	.6250 15.86mm	.1250 3.18mm	
2/4"	22301P	.8750 22.22mm	.1875 4.76mm	

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

COMPLETE SHAPED UNITS

STANDARD UNITS
(Complete with Shaped Punch, Die & Adapter)

Model No.	Catalog No.	Max. Square	Min. Shaped Dim.	Price
1/4"	22106A	.309 7.85mm	.0937 2.38mm	
1/2"	22206A	.441 11.2mm	.0937 2.38mm	
2/4"	22306A	.618 15.69mm	.1250 3.18mm	

OPTIONAL UNITS
(Complete with Shaped Punch & Pedestal Die)

Holder Width	Catalog No.	Max. Square	Min. Punch Dia.	Price
1/4"	22106P	.309 7.85mm	.0937 2.38mm	
1/2"	22206P	.441 11.2mm	.0937 2.38mm	
2/4"	22306P	.618 15.69mm	.1250 3.18mm	

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

COMMON DIMENSIONS

Holder Width	Throat Depth	A	B	C	Shipping Weight
1/4"	8"	1 1/4"	1 5/16"	1"	22 lbs.
1/2"	8"	1 1/2"	9/16"	1"	26 lbs.
2/4"	8"	2 1/4"	3/4"	1 3/8"	40 lbs.

UNIPUNCH