

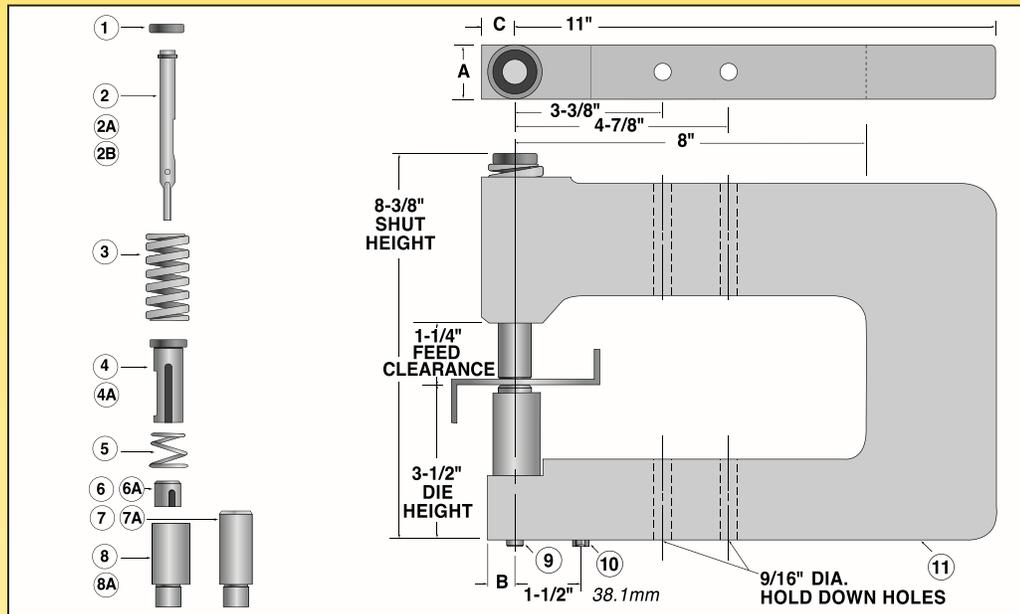
SPECIFICATIONS & OPERATING INSTRUCTIONS

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 units feature extra wide feed openings to allow "front feed" of channels, angles, extrusions and

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)

other formed parts. If your particular application calls for sizes other than those shown, send your specifications for a price quotation.



Item No.	Description	1 1/4" WIDE	1 1/2" WIDE	2 1/4" WIDE
		Part No.	Part No.	Part No.
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 .749")	2120 —	2220 —	2320-2 2320-1
6A	Shaped Die Shaped Die w/ Collar (over .749")	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
	Punch Shim:	N.A.	N.A.	N.A.
	Die Shim:	1018		

FCU

Feed Clearance Units

COMPLETE ROUND UNITS

STANDARD UNITS (Complete with Round Punch, Die & Adapter)			
Holder Width	Part No.	Max. Punch Dia.	Min. Punch Dia.
1 1/4"	22101A	.4375 11.1mm	.0937 2.38mm
1 1/2"	22201A	.6250 15.86mm	.1250 3.18mm
2 1/4"	22301A	.8750 22.22mm	.1875 4.76mm
OPTIONAL UNITS (Complete with Round Punch & Pedestal Die)			
Holder Width	Part No.	Max. Punch Dia.	Min. Punch Dia.
1 1/4"	22101P	.4375 11.1mm	.0937 2.38mm
1 1/2"	22201P	.6250 15.86mm	.1250 3.18mm
2 1/4"	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.	Part No.	Max. Square	Min. Shaped Dim.
1 1/4"	22106A	.309 7.85mm	.0937 2.38mm
1 1/2"	22206A	.441 11.2mm	.0937 2.38mm
2 1/4"	22306A	.618 15.69mm	.1250 3.18mm
OPTIONAL UNITS (Complete with Shaped Punch & Pedestal Die)			
Holder Width	Part No.	Max. Square	Min. Punch Dia.
1 1/4"	22106P	.309 7.85mm	.0937 2.38mm
1 1/2"	22206P	.441 11.2mm	.0937 2.38mm
2 1/4"	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 1/4"	8"	1 1/4"	1 5/32"	1"	22 lbs.
1 1/2"	8"	1 1/2"	9/16"	1"	26 lbs.
2 1/4"	8"	2 1/4"	3/4"	1 3/8"	40 lbs.

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