

▼ Shown: SP-35S



- .50" thick mild steel maximum capacity
- Round, oblong and square punches and dies are available to solve your punching applications
- Long life Enerpac single-acting, spring return design
- Durable steel case keeps tools and dies together and provides for easy carrying and storage
- CR-400 female coupler included



◀ This PUD-1100B is shown with the 35 ton punch and optional gauge.

## Much Faster than Drilling...



### Tool Kit SPK-10

Included with all 35 ton punches, this tool kit is used to remove and install the punch into the head.

Can be ordered as a replacement under model number **SPK-10**.



### Ordering Information

The 35-ton hydraulic punch may be ordered by itself or as a set, including an electric, air or hand pump.

Please refer to the Quick Selection Chart information on next page.

A punch and die may also be ordered as a matched set.


### ▼ STANDARD PUNCH AND DIE SETS SELECTION CHART

Hole Shape	Imperial*		Metric*	
	Hole Size (in)	Bolt Size (in)	Hole Size (mm)	Bolt Size (mm)
●	.31	1/4	7,9	–
●	.38	5/16	9,5	M8
●	.44	3/8	11,1	M10
●	.53	7/16	13,5	M12
●	.56	1/2	14,3	–
●	.69	5/8	17,5	M16
●	.78	–	19,8	M18
●	.81	3/4	20,6	–
■	.31	1/4	7,9	–
■	.38	5/16	9,5	M8
■	.44	3/8	11,1	M10
■	.50	7/16	12,7	M12
○	.31 x .75	1/4	7,9 x 19	–
○	.38 x .75	5/16	9,5 x 19	M8
○	.44 x .75	3/8	11,1 x 19	M10
○	.50 x .75	7/16	12,7 x 19	M12

\* Material thickness should **not** exceed hole diameter.

# Single-Acting, Spring Return Hydraulic Punch

## ▼ QUICK SELECTION CHART

	Included				Model Number	Weight (lbs)
	Punch and Die Set	Pump	Pump Type*	Hose		
SP-35	-	-	-	-	SP-35	35
SP-35	Standard**	-	-	-	SP-35S	40
SP-35	Standard**	PUD-1100B	E	HC-7206	SP-35SP	70
SP-35	Metric***	-	-	-	MSP-351	40
SP-35	Standard**	P-392	H	HC-7206	STP-35H	55
SP-35	Standard**	PATG-1102N	A	HC-7206	STP-35A	63

\* Punch oil capacity: 4.58 in<sup>3</sup>

Includes the following punch and die sets:

\*\* SPD-438, SPD-688, SPD-563 and SPD-813

\*\*\* SPD-375, SPD-531, SPD-438 and SPD-688

\* E = Electric

H = Hand

A = Air operated

## SP Series



Capacity:

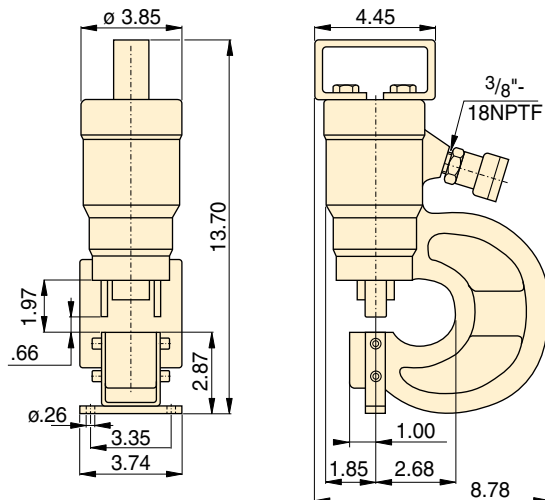
**35 tons**

Hole Sizes:

**0.31-0.81 inch**

Maximum Operating Pressure:

**10,000 psi**




### CAUTION!

Chart below is for reference only! Maximum allowable material thickness to be punched varies with set wear.



### CAUTION!

Material thickness should not exceed hole diameter.

	Maximum Allowable Material Thickness To Be Punched										
	(in)										
Model No.	1	2)	3)	4)	5)	6)	7)	8)	9)	10)	11)
SPD-313	.31	.31	.25	.25	.25	.25	.13	.19	.25	.25	.25
SPD-375	.38	.38	.31	.31	.31	.31	.19	.25	.31	.31	.31
SPD-438	.44	.44	.38	.38	.38	.31	.19	.31	.31	.31	.31
SPD-531	.50	.50	.44	.44	.44	.38	.25	.31	.38	.38	.38
SPD-563	.50	.50	.50	.44	.50	.44	.25	.38	.44	.44	.44
SPD-688	.50	.50	.50	.44	.50	.40	.25	.31	.40	.40	.40
SPD-781	.50	.50	.50	.44	.50	.38	.25	.31	.38	.39	.38
SPD-813	.50	.50	.50	.44	.50	.31	.19	.31	.31	.31	.31
SPD-458	.31	.31	.25	.25	.25	.25	.13	.19	.25	.25	.25
SPD-549	.38	.38	.31	.31	.31	.31	.19	.25	.31	.31	.31
SPD-639	.44	.44	.38	.38	.38	.31	.19	.31	.31	.31	.31
SPD-728	.50	.50	.44	.44	.44	.38	.25	.31	.38	.38	.34
SPD-106	.31	.31	.25	.25	.25	.25	.13	.19	.25	.25	.25
SPD-125	.38	.38	.31	.31	.31	.31	.19	.25	.31	.31	.31
SPD-188	.44	.44	.38	.38	.38	.31	.19	.31	.31	.31	.31
SPD-250	.50	.50	.44	.44	.44	.38	.25	.31	.38	.38	.38

### Steel Qualities (see table):

- 1) Mild A-7
- 2) Boiler Plate
- 3) Structural A-36
- 4) Struct Corten (ASTM A242)
- 5) Cold Rolled C-1018
- 6) Hot Rolled C-1050
- 7) Hot Rolled C-1095
- 8) Hot Rolled C-1095 Annealed
- 9) Stainless Annealed
- 10) Stainless 304 Hot Rolled
- 11) Stainless 316 Cold Rolled