

▼ 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

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



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

Single-Acting, Spring Return Hydraulic Punch

▼ QUICK SELECTION CHART

Punch & Die Set	Included				Model Number	Weight (lbs)
	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 in³

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:

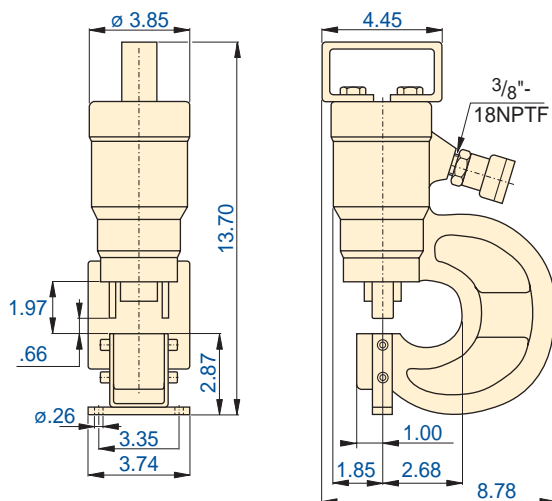
35 tons

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.

Standard Punch & Die Set	Maximum Allowable Material Thickness To Be Punched (in)										
	1)	2)	3)	4)	5)	6)	7)	8)	9)	10)	11)
											
Model No.											
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