

SP-Series, Lightweight Hydraulic Punch



▼ Shown: SP-35S



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.

- .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 case keeps tools and dies together and provides for easy carrying and storage
- CR-400 female coupler included

▼ 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.

▼ SP-Series, Lightweight Hydraulic Punch – much faster than drilling.



▼ 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 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, MSP, STP Series



Capacity:

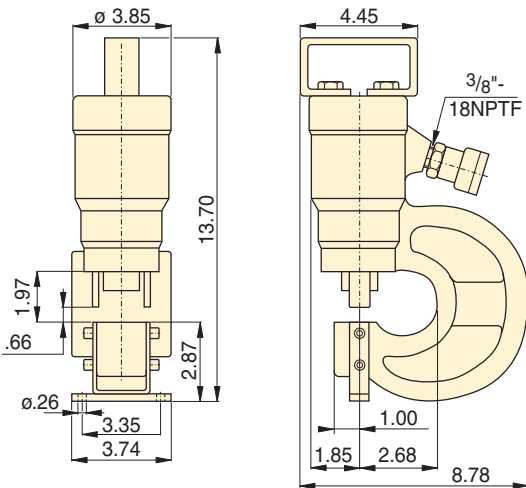
35 tons

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) (Material thickness should not exceed hole diameter.)											
	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	.25
SPD-375	.38	.38	.31	.31	.31	.31	.19	.25	.31	.31	.31	.31
SPD-438	.44	.44	.38	.38	.38	.31	.19	.31	.31	.31	.31	.31
SPD-531	.50	.50	.44	.44	.44	.38	.25	.31	.38	.38	.38	.38
SPD-563	.50	.50	.50	.44	.50	.44	.25	.38	.44	.44	.44	.44
SPD-688	.50	.50	.50	.44	.50	.40	.25	.31	.40	.40	.40	.40
SPD-781	.50	.50	.50	.44	.50	.38	.25	.31	.38	.39	.38	.38
SPD-813	.50	.50	.50	.44	.50	.31	.19	.31	.31	.31	.31	.31
SPD-458	.31	.31	.25	.25	.25	.25	.13	.19	.25	.25	.25	.25
SPD-549	.38	.38	.31	.31	.31	.31	.19	.25	.31	.31	.31	.31
SPD-639	.44	.44	.38	.38	.38	.31	.19	.31	.31	.31	.31	.31
SPD-728	.50	.50	.44	.44	.44	.38	.25	.31	.38	.38	.38	.38
SPD-106	.31	.31	.25	.25	.25	.25	.13	.19	.25	.25	.25	.25
SPD-125	.38	.38	.31	.31	.31	.31	.19	.25	.31	.31	.31	.31
SPD-188	.44	.44	.38	.38	.38	.31	.19	.31	.31	.31	.31	.31
SPD-250	.50	.50	.44	.44	.44	.38	.25	.31	.38	.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