

▼ Shown: SP35S



- 1/2 inch thick capacity through mild steel
- 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
- CR400 coupler included.

## Much Faster than Drilling



### Tool Kit SPK10

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 **SPK10**.



### Ordering Information

The 35-ton hydraulic Punch may be ordered by itself or as a set, including a pump. A punch or die may also be ordered separately or as a matched set. Please refer to the Quick Selection Chart information on top of the next page.

### ▼ STANDARD PUNCHES AND DIES SELECTION CHART

Hole Shape	Imperial <sup>1)</sup> (inch)		Metric <sup>1)</sup> (mm)	
	Hole Size	Bolt Size	Hole Size	Bolt Size
●	0.31	1/4	7,9	–
●	0.38	5/16	9,5	M8
●	0.44	3/8	11,1	M10
●	0.53	7/16	13,5	M12
●	0.56	1/2	14,3	–
●	0.69	5/8	17,5	M16
●	0.78	–	19,8	M18
●	0.81	3/4	20,6	–
■	0.31	1/4	7,9	–
■	0.38	5/16	9,5	M8
■	0.44	3/8	11,1	M10
■	0.50	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



<sup>1)</sup> Material thickness should not exceed hole diameter.

▼ SP-Series, Lightweight Hydraulic Punch – Much Faster than Drilling.



# Single-Acting, Spring Return Hydraulic Punch

## ▼ QUICK SELECTION CHART

* 	Punch & Die Set	Included				Model Number	 (lbs)
		Pump	Hose	Gauge	Gauge Adaptor		
SP35	Standard**	P392	HC7206	GP10S	GA2	<b>STP35H</b>	55
SP35	Standard**	PATG1102N	HC7206	GP10S	GA2	<b>STP35A</b>	63
SP35	-	-	-	-	-	<b>SP35</b>	35
SP35	Standard**	-	-	-	-	<b>SP35S</b>	40
SP35	Standard**	PUD1100B <sup>1)</sup>	HC7206	-	-	<b>SP35SP</b>	70
SP35	Metric***	-	-	-	-	<b>MSP351</b>	40
SP35	Metric***	PUD1100B <sup>1)</sup>	HC7206	-	-	<b>MSP351PE</b>	70

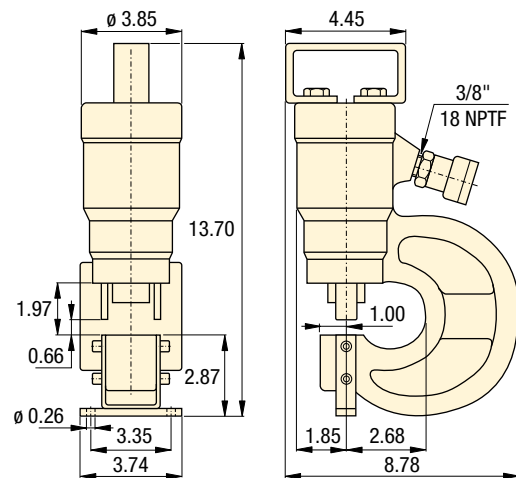
\* Punch oil capacity: 4.58 in<sup>3</sup>

<sup>1)</sup> PUD1100B = 115 V

Includes the following punch and die sets:

\*\* SPD438, SPD688, SPD563 and SPD813

\*\*\* SPD375, SPD531, SPD438 and SPD688



## MSP, SP, STP Series



Capacity:  
**35 tons**

Hole Sizes:  
**0.31 - 0.81 inch**

Maximum Operating Pressure:  
**10,000 psi**



### CAUTION!

The 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.

### 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

Model Number Standard Punch & Die Set	Maximum allowable material thickness to be punched (inch)										
	Material thickness should not exceed hole diameter										
	1)	2)	3)	4)	5)	6)	7)	8)	9)	10)	11)
<b>SPD313</b>	0.31	0.31	0.25	0.25	0.25	0.25	0.13	0.19	0.25	0.25	0.25
<b>SPD375</b>	0.38	0.38	0.31	0.31	0.31	0.31	0.19	0.25	0.31	0.31	0.31
<b>SPD438</b>	0.44	0.44	0.38	0.38	0.38	0.31	0.19	0.31	0.31	0.31	0.31
<b>SPD531</b>	0.50	0.50	0.44	0.44	0.44	0.38	0.25	0.31	0.38	0.38	0.38
<b>SPD563</b>	0.50	0.50	0.50	0.44	0.50	0.44	0.25	0.38	0.44	0.44	0.44
<b>SPD688</b>	0.50	0.50	0.50	0.44	0.50	0.40	0.25	0.31	0.40	0.40	0.40
<b>SPD781</b>	0.50	0.50	0.50	0.44	0.50	0.38	0.25	0.31	0.38	0.39	0.38
<b>SPD813</b>	0.50	0.50	0.50	0.44	0.50	0.31	0.19	0.31	0.31	0.31	0.31
<b>SPD458</b>	0.31	0.31	0.25	0.25	0.25	0.25	0.13	0.19	0.25	0.25	0.25
<b>SPD549</b>	0.38	0.38	0.31	0.31	0.31	0.31	0.19	0.25	0.31	0.31	0.31
<b>SPD639</b>	0.44	0.44	0.38	0.38	0.38	0.31	0.19	0.31	0.31	0.31	0.31
<b>SPD728</b>	0.50	0.50	0.44	0.44	0.44	0.38	0.25	0.31	0.38	0.38	0.34
<b>SPD106</b>	0.31	0.31	0.25	0.25	0.25	0.25	0.13	0.19	0.25	0.25	0.25
<b>SPD125</b>	0.38	0.38	0.31	0.31	0.31	0.31	0.19	0.25	0.31	0.31	0.31
<b>SPD188</b>	0.44	0.44	0.38	0.38	0.38	0.31	0.19	0.31	0.31	0.31	0.31
<b>SPD250</b>	0.50	0.50	0.44	0.44	0.44	0.38	0.25	0.31	0.38	0.38	0.38

▼ The hydraulic punch cuts the time spent forming holes.

