

SP-Series, Lightweight Hydraulic Punch

ENERPAC

▼ Shown: SP35S



- 12,7 mm 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 steel 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 ¹⁾ (inch)		Metric ¹⁾ (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

¹⁾ 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

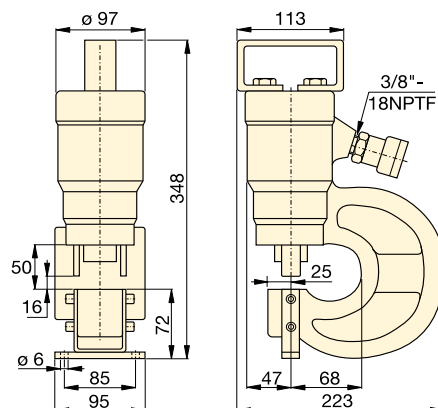
	Punch & Die Set	Included				Model Number	 (kg)
		Pump	Hose	Gauge	Gauge Adaptor		
SP35	Standard**	P392	HC7206	GP10S	GA2	STP35H	25
SP35	Standard**	PATG1102N	HC7206	GP10S	GA2	STP35A	29
SP35	—	—	—	—	—	SP35	16
SP35	Standard**	—	—	—	—	SP35S	18
SP35	Standard**	PUD1100E	HC7206	—	—	SP35SPE	29
SP35	Metric***	—	—	—	—	MSP351	21
SP35	Metric***	PUD1100E	HC7206	—	—	MSP351PE	32

* Punch oil capacity: 76 cm³

Includes the following punch and die sets:

** SPD438, SPD688, SPD563 and SPD813

*** SPD375, SPD531, SPD438 and SPD688



MSP SP STP Series



Capacity:
35 ton

Hole Sizes:
7,9 - 20,6 mm

Maximum Operating Pressure:
700 bar



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

▼ The hydraulic punch cuts the time spent forming holes.



	Model Nr. Standard Punch & Die Set	Maximum allowable material thickness to be punched (mm) Material thickness should not exceed hole diameter										
		1)	2)	3)	4)	5)	6)	7)	8)	9)	10)	11)
	SPD313	7,9	7,9	6,4	6,4	6,4	6,4	3,3	4,8	6,4	6,4	6,4
	SPD375	9,7	9,7	7,9	7,9	7,9	7,9	4,8	6,4	7,9	7,9	7,9
	SPD438	11,2	11,2	9,7	9,7	9,7	7,9	4,8	7,9	7,9	7,9	7,9
	SPD531	12,7	12,7	11,2	11,2	11,2	9,7	6,4	7,9	9,7	9,7	9,7
	SPD563	12,7	12,7	12,7	11,2	12,7	11,2	6,4	9,7	11,2	11,2	11,2
	SPD688	12,7	12,7	12,7	11,2	12,7	10,2	6,4	7,9	10,2	10,2	10,2
	SPD781	12,7	12,7	12,7	11,2	12,7	9,7	6,4	7,9	9,7	9,9	9,7
	SPD813	12,7	12,7	12,7	11,2	12,7	7,9	4,8	7,9	7,9	7,9	7,9
	SPD458	7,9	7,9	6,4	6,4	6,4	6,4	3,3	4,8	6,4	6,4	6,4
	SPD549	9,7	9,7	7,9	7,9	7,9	7,9	4,8	6,4	7,9	7,9	7,9
	SPD639	11,2	11,2	9,7	9,7	9,7	7,9	4,8	7,9	7,9	7,9	7,9
	SPD728	12,7	12,7	11,2	11,2	11,2	9,7	6,4	7,9	9,7	9,7	8,6
	SPD106	7,9	7,9	6,4	6,4	6,4	6,4	3,3	4,8	6,4	6,4	6,4
	SPD125	9,7	9,7	7,9	7,9	7,9	7,9	4,8	6,4	7,9	7,9	7,9
	SPD188	11,2	11,2	9,7	9,7	9,7	7,9	4,8	7,9	7,9	7,9	7,9
	SPD250	12,7	12,7	11,2	11,2	11,2	9,7	6,4	7,9	9,7	9,7	9,7