

# Hydraulic Work Supports

## SP Series



### Description

Hydraulic work support is used for avoiding deformation and decreasing vibration during machining.

### Type

Type A: Knocking-out with a spring; the spring is used to control a contact force when the knocking out rod (piston rod) extends to a highest knocking-out position and contacts the workpiece.

Type B: Knocking-out with oil pressure; it is operated by means of oil pressure and is knocked out when being filled with oil and uses a spring to control the contact force with the workpiece.

Ordering example:

**SP** - **30** **A**  
 Base No.      Piston  $\phi$       Type  
                   16                   A: without female thread  
                   30                   B: with female thread

	SP-16A	SP-16B	SP-30A	SP-30B
Operating Oil Pressure	100-350 kg/cm <sup>2</sup>		75-350 kg/cm <sup>2</sup>	
Acting Type	Single Acting			
Clamping Stroke (mm)	8		15	
Piston Rod $\phi$ (mm)	16		30	
Clamping Force (200kg/cm <sup>2</sup> )	210(kg)		750(kg)	

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