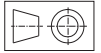




# Hydraulic Die Clamping Cylinders

Single Acting / Spring Forwarding - Pull Type



**Description**

- Die clamping cylinders are pull type, spring forwarding cylinders. An integral 'T', suitable to 28mm 'T' Slot, is provided to the piston rod of the cylinder.

**Application**

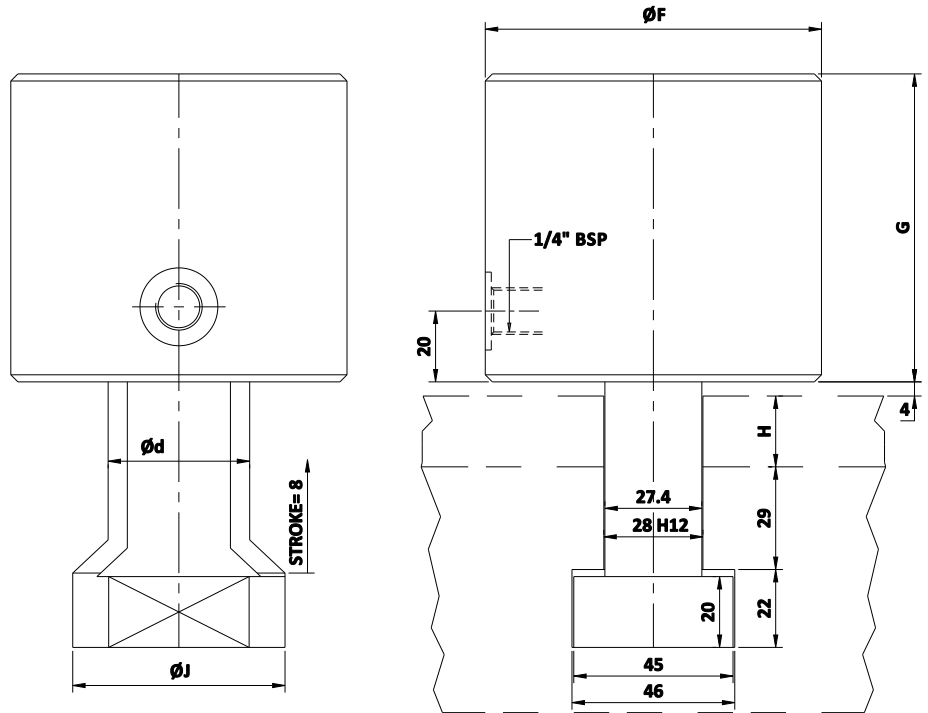
- These cylinders are widely used for the quick change of Dies & Tools on Presses.
- Max. working pressure : 200 kg/cm<sup>2</sup>

**Operation**

- For changing the tool, first the cylinder pressure is released and cylinders are moved away from the tool, either manually or by a pneumatic cylinder. After changing the tool, the cylinders are placed back at the clamping points and are pressurized.

**Important Notes**

- T slot dimensions are as per DIN650.
- Cylinder stroke is only 8mm. Clamping height of different tools must be the same with the tolerance of ±1 mm. Specify dimension 'H' (clamping height of the tool), while ordering the cylinder.
- For seal kits, add prefix SK to part no.



PART NO.	4650 – 411	4650 – 511	4650 – 611
Force	50 kN	75 kN	105 kN
G	87	87	92
F	95	105	125
J	60	74	78
d	40	40	45
Oil Volume	20.73 cc	30.16 cc	42.99 cc

- All dimensions are in mm
- Overall dimensional tolerance ±0.5 mm