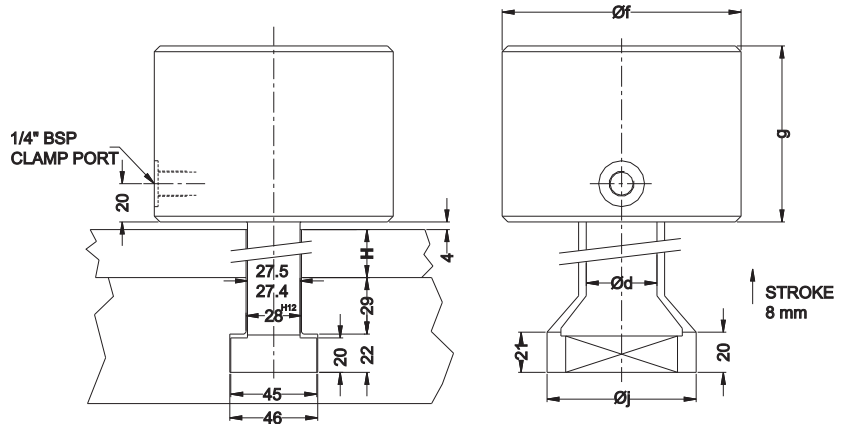
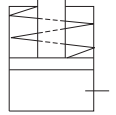




Die Clamping Cylinder

single acting (spring return), pull type



PART NO.	2510100	2520100	2530100
FORCE §	50 kN	75 kN	105 kN
ØBORE	70	80	94
d	40	40	45
g	87	87	92
f	95	105	125
j	60	74	78
H	To be specified		
OIL VOL	20.73 cc	30.16 cc	42.99 cc

§ Force is specified at 200 bar.

Die clamping cylinder is a pull type, spring return cylinder. An integral 'T', suitable to 28 mm '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.

Operation

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

Important Notes

- ◆ Two separate circuits should be used for two diagonals of the tool (Tandem Clamping). This feature is a must for the safety purpose.
- ◆ Cylinder stroke is only 8 mm. 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 ordering the seal kit, add the prefix "S" to the part number.
- ◆ T Slot dimensions are as per DIN 650. For different T Slot dimensions give all details.

Specifications

- ◆ Maximum operating pressure - 200 bar.