



## Clamping Sleeve collapsible type



### Description

A clamping sleeve consists of a brass tube with slits and a nylon jacket with seals at ends.

### Applications

A slide fit rod in a sleeve can be locked by applying hydraulic pressure on the outside diameter of the sleeve. Resistive force is equal to the product of radial inward force and coefficient of friction. Sleeves are used in machines, fixtures and supporting elements.

### Advantages

- ◆ Small wall thickness enabling the sleeves to be adopted even where the mounting space is restricted.
- ◆ Reaction free supporting force.

### Installation

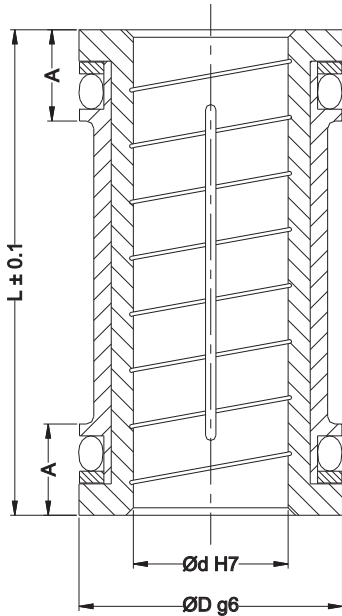
The sleeve should be fitted in  $\text{ØD H7}$ .  
The Rod diameter should be  $\text{Ød g6}$ .  
The sleeve should be clamped axially without any clearance or axial load.

### Specifications

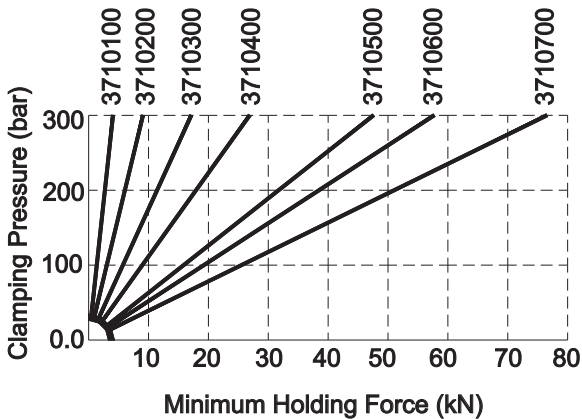
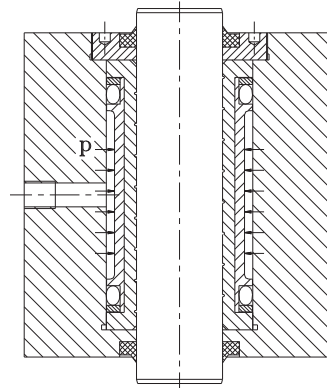
Maximum operating Pressure -300 bar.  
Minimum operating Pressure - 40 bar.

### Note

- ◆ Pressurise the sleeve only when rod ( $\text{Ød g6}$ ) is inside, for total length of the sleeve.
- ◆ Standard sizes available  $\text{Id} \times \text{od} \times \text{Length}$



### Application example



PART NO.	3710100	3710200	3710300	3710400	3710500	3710600	3710700
d	10	20	30	40	50	60	80
D	20	30	40	50	65	75	100
L	40	45	58	70	100	100	100
A	6.5	7	8	8	10	10	13

## Non Standard Elements

HPCPL manufactures many non-standard elements as per customer's requirement. Please contact in case you need elements with modifications or non-standard application.