

HYDRAULIC CYLINDER

Group

03-08-02-00

Example



Customer details

Type of machine:

Price inquiry

Serial n° machine:

Order

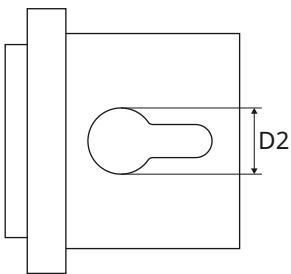
TY-CI.....	Type of cylinder: ST = <i>steering cylinder</i> TL = <i>tilt cylinder or double-acting</i> HF = <i>lift cilinder or single-acting</i> HF2 = <i>lift cilinder or single-acting, extends in 2 stages</i> HF3 = <i>lift cilinder or single-acting, extends in 3 stages</i> S = <i>special type</i>
TY-VO.....	Type of base, see figures
D2	Dimension measured on the base, see figures
L2	Dimension measured on the base, see figures
TA1	Thread type of the base (if present), see figures
TY-BU.....	Type of tube, see figures
D1	Dimension measured on the tube, see figures
D3	Dimension measured on the tube, see figures
TA2	Thread type of the tube (if present), see figures
TY-PI.....	Type of piston shaft, see figures
D4	Diameter of the piston shaft, see figures
L1	Dimension measured on the piston shaft, see figures
D5	Dimension measured on the piston shaft, see figures
L3	Dimension measured on the piston shaft, see figures
D6	Dimension measured on the piston shaft, see figures
L4.....	Dimension measured on the piston shaft, see figures
TA3	Thread type of the piston shaft (if present), see figures
TA4.....	Thread type of the piston shaft (if present), see figures
L5.....	Total measured length of the cylinder, fully retracted, see figure
S.....	Stroke of the piston shaft, see figure

TY-VO: BASE TYPE

TYPE P

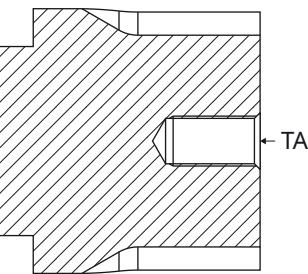


TYPE B

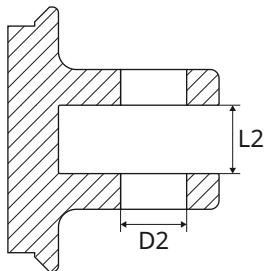


TYPE M

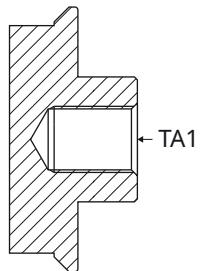
Random shape



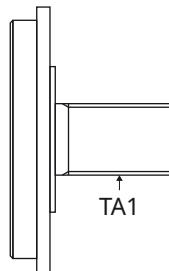
TYPE U



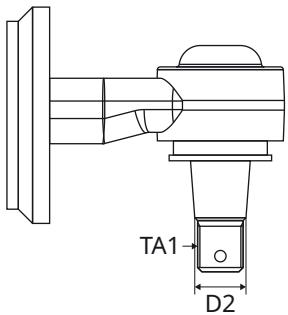
TYPE I



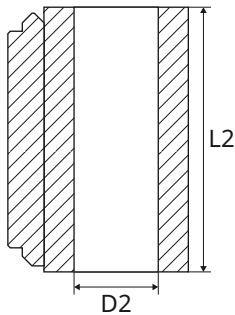
TYPE E



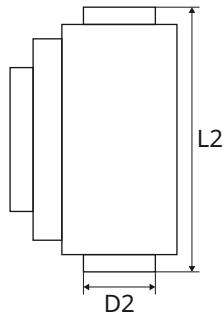
TYPE R



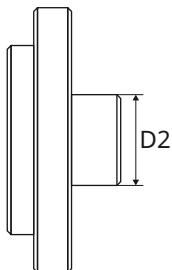
TYPE T



TYPE L



TYPE C



TYPE Z

No piston base

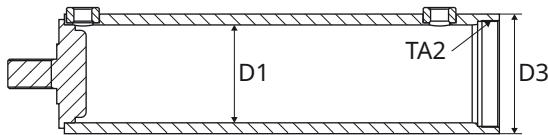
TYPE S

Special base

TY-BU: TYPE OF CYLINDER TUBE

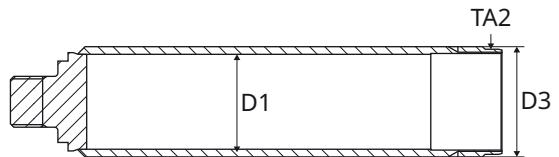
TYPE I

Cylinder tube with internal thread



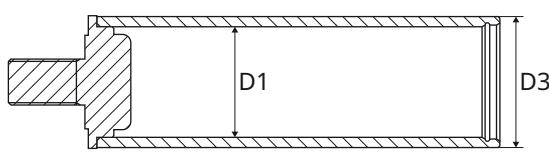
TYPE E

Cylinder tube with external thread



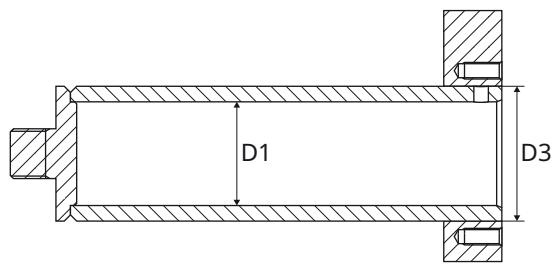
TYPE C

Cylinder tube with circlip fixing



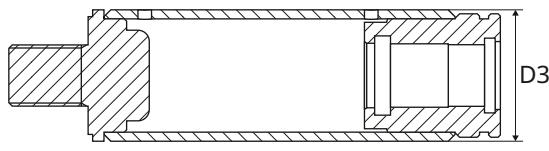
TYPE M

Cylinder tube with bolt fixing head



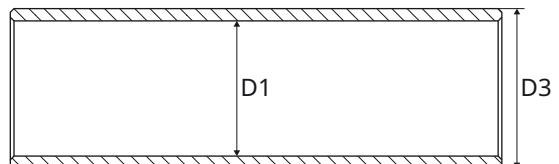
TYPE S

Welded cylinder tube



TYPE O

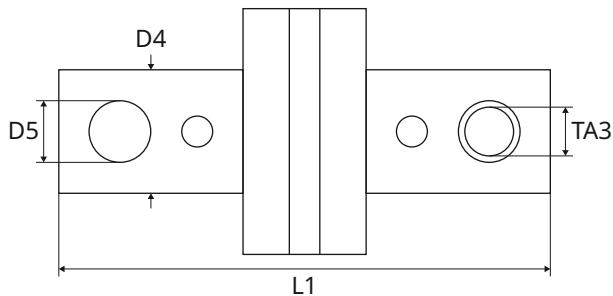
Cylinder tube without base or head



TY-PI: TYPE OF PISTON SHAFT

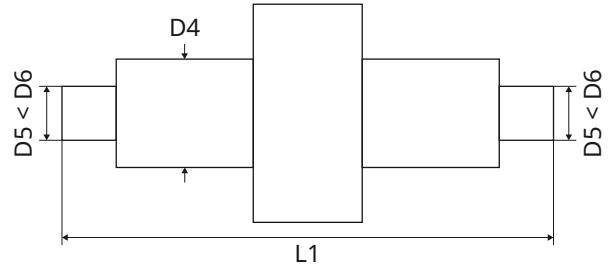
BPI

Eye – piston head – internal thread



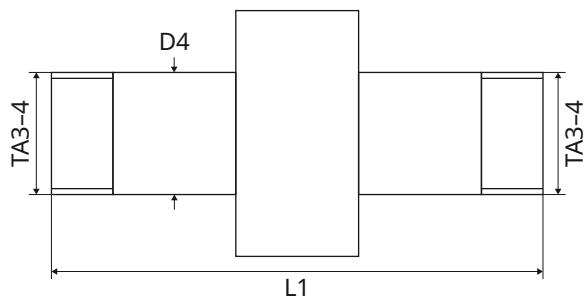
CPC

Cylindrical stub – piston head – cylindrical stub



EPE

External thread – piston head – external thread

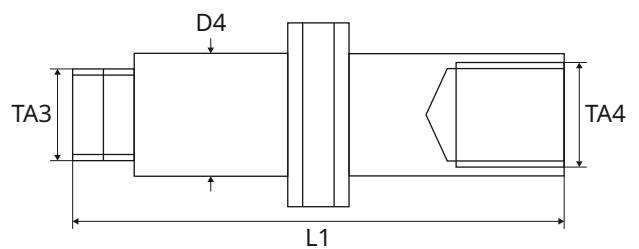


TA3 = shortest thread length

TA4 = longest thread length

EPI

External thread – piston head – internal thread

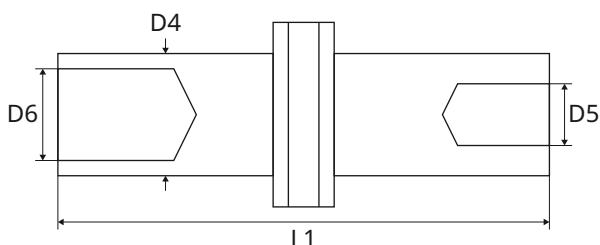


TA3 = external thread

TA4 = internal thread

HPH

Bore – piston head – bore

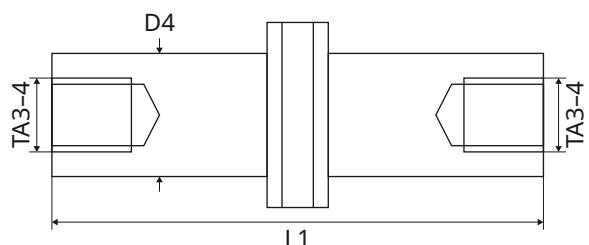


If holes have different diameters:

D5 = smallest; D6 = biggest

IPI

Internal thread – piston head – internal thread



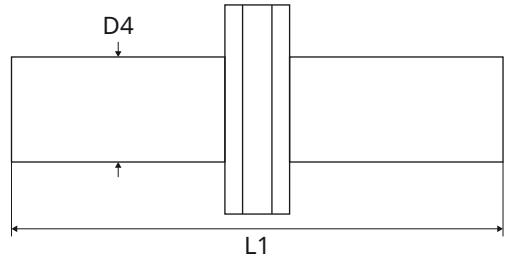
TA3 = shallowest thread length

TA4 = deepest thread length

TY-PI: TYPE OF PISTON SHAFT

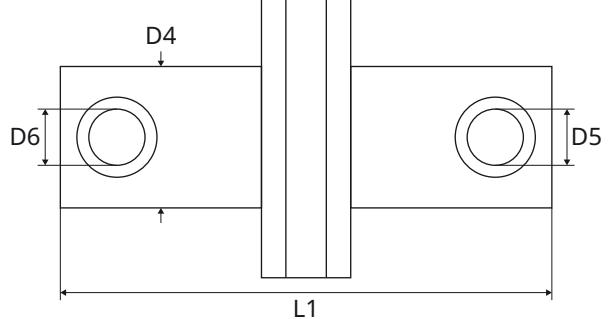
NPN

Nothing – piston head – nothing



OPO

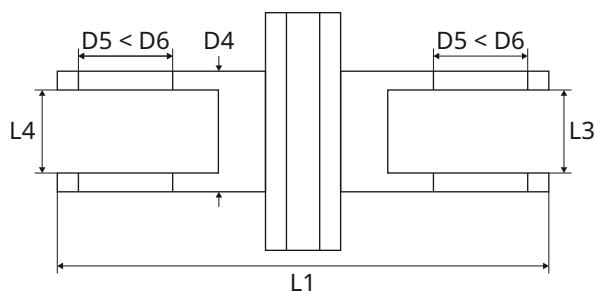
Eye – piston head – eye



If holes have different diameters:
D5 = smallest; D6 = biggest

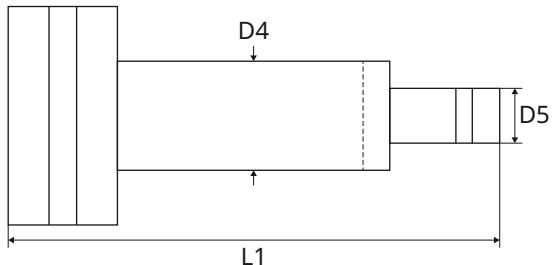
UPU

Clevis – piston head – clevis



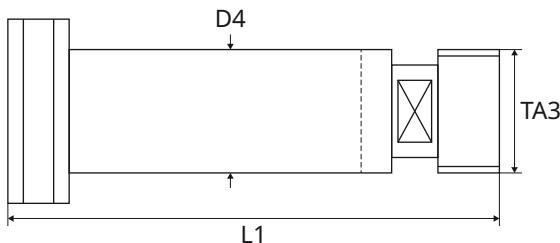
PC

Piston head – cylindrical stub



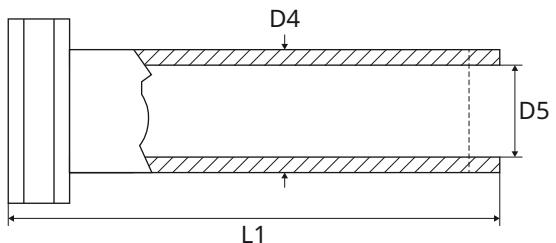
PE

Piston head – external thread



PH

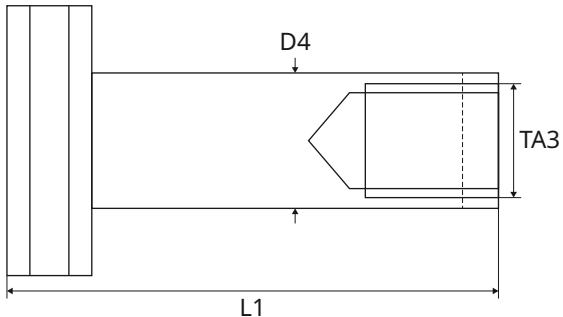
Piston head – tube



TY-PI: TYPE OF PISTON SHAFT

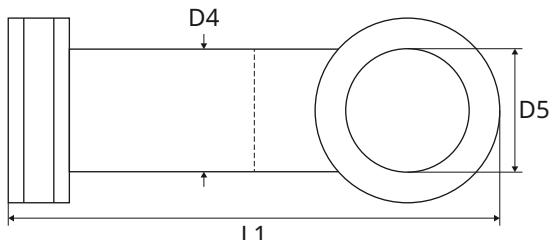
PI

Piston head – internal thread



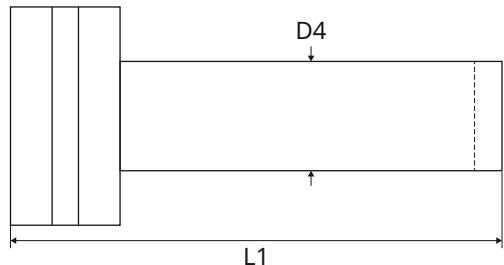
PO

Piston head – eye



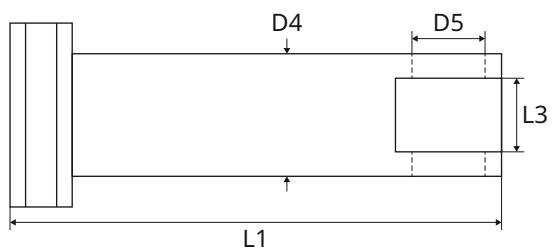
PS

Piston head – nothing



PU

Piston head – clevis



PS: For external diameters the actual size is taken, with potential present parts.

e.g. if bush = inner diameter of the bush

spherical bearing = inner diameter of the bearing

DIMENSIONS



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