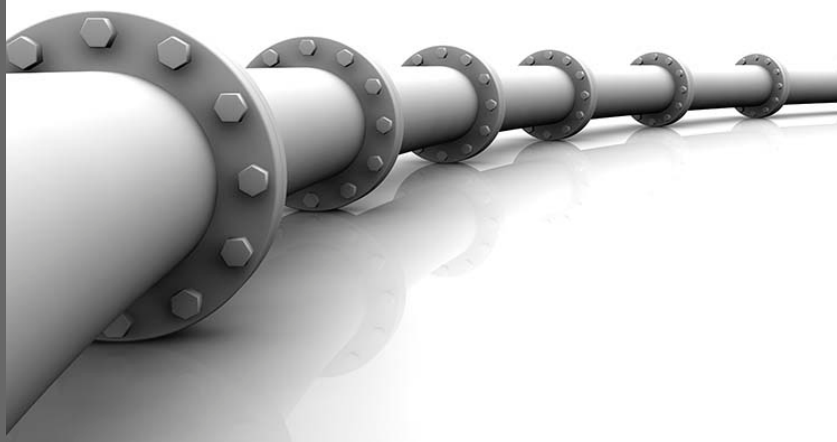
propipe

Hottap & LineStop



www.propipe.es

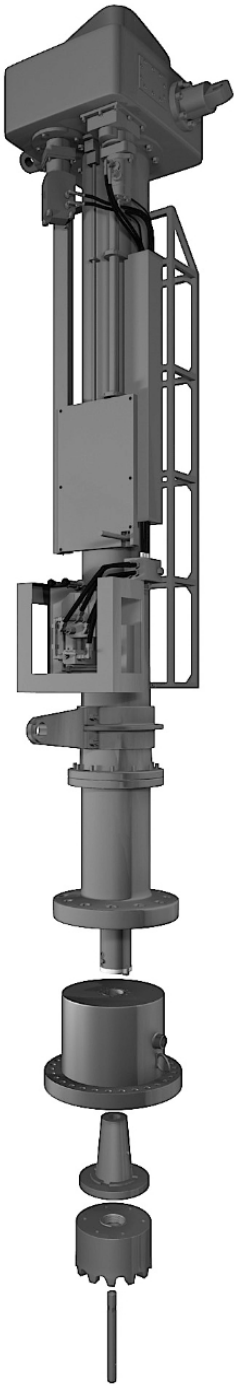
propipe

Hottap & LineStop Equipment

Hottap Machines

Hottap Machines are used for tapping on gas or liquid pressurized pipelines. Hottap technology is used for connection of new brunches to existing pipelines or for maintenance operations.

- **Diameters:** Ø1" – 66"
- **Motor:** Manual, Pneumatic and Hydraulic
- **Max. working pressure:** 1480 PSI (102 Bar) @ 180ºF (82.2ºC)
- **Max. Working Temperature:** 250ºF (121,2ºC) @ 800 psi (55.6 Bar)
- **Material:** Steel, Concrete, Cast Iron, Stainless Steel.
- **Pipeline Product:** Liquid or Gas
- **Capable of setting Plug:** LS and SS and flow through plugs
- **Compatible with:** TD Williamson equipment and Fittings



Machines have powered feed for cutting that is proportional to the spindle rpm and rapid travel.
Designed specifically for your requirements.

Tapping Machine PTM-5108 Ø14" – Ø36" 108" Stroke, 102 bars 100% compatible with other Equipment Manufacturers.

Power Packs PPP-5000 and PPP-3000 for PTM-5000 and PTM-3000 Tapping Machines and Actuators

Hottap & LineStop Equipment

LineStop Machines - Actuators

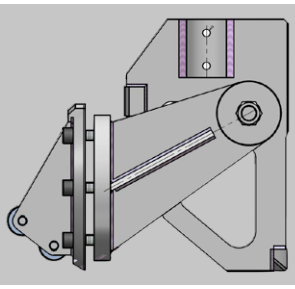
Actuators are used to block the pressurized fluid within the pipeline. This operation allows partial isolation of pipeline and contractors can perform cutting, repairing or any other maintenance job in the isolated segment of pipeline.

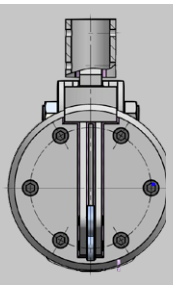
- **Diameters:** Ø1" – 48"
- **Actuator:** Manual and Hydraulic
- **Max. working pressure:** 1480 PSI (102 Bar) @ 180ºF (82.2ºC)
- **Max. Working Temperature:** 250ºF (121,2ºC) @ 800 psi (55.6 Bar)
- **Product Groups:** Liquid or Gas
- **Compatible with:** TD Williamson equipment and Fittings

Actuator II HYD Ø14" – Ø20" 102 bars 100% compatible with other Equipment Manufacturers.

LineStop Heads

LineStop Heads are designed, manufactured and tested under a very exhaustive quality control



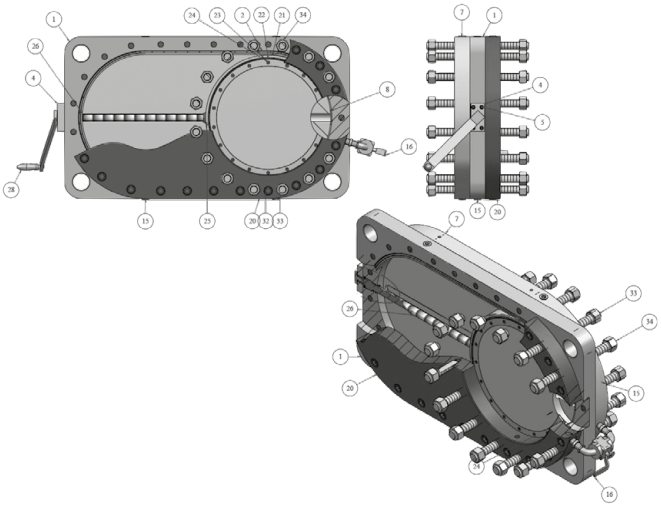


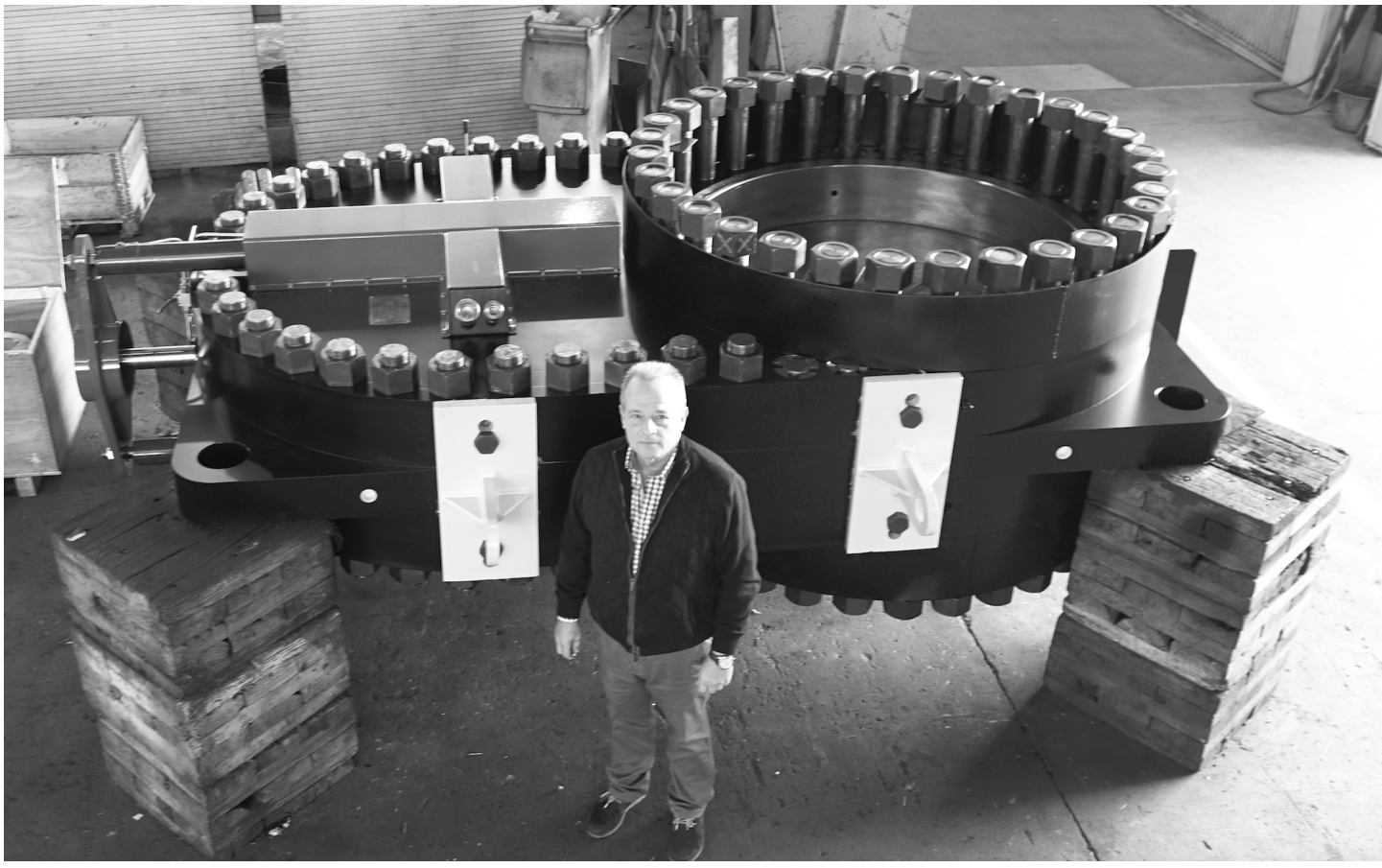
Hottap & LineStop Equipment

Slim Valves

Are used to control the Hottap and LineStop operations. They are gate valve type and have specially reduced face to face distance in order to make easier the Hottap & LineStop Intervention.

Propipe designs and manufactures a wide range of dimensions, class and material of Slim Valves. We cover 150#, 300#, 600# and 900# classes.

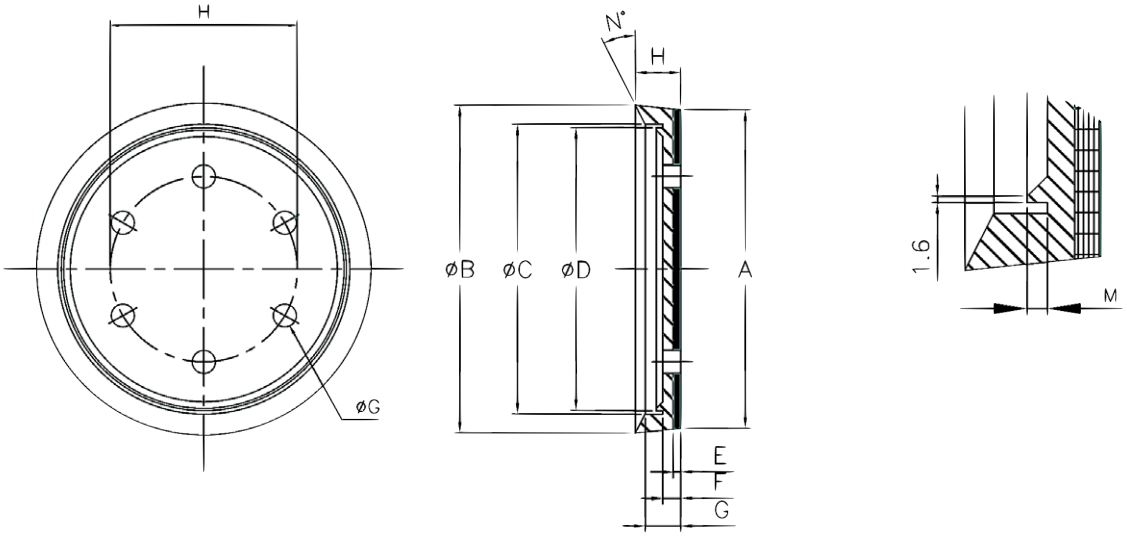




Ø56" 600# Hydraulic Slim Valve 102 bars for Hottap and LineStop operation

Specifications

- Maximum Working Pressure 70 Bars
- Nitrile, Teflon, Viton or other polymers available.
- Supplied ready drilled and ground to size or drilled and unground depending upon customers requirements.
- Available in size 4" through 56".
- Reinforced for high pressure or High Temperature applications
- When ordering please state pipe inside diameter, contents and operating pressure.



Propipe Engineering Dpt. Design and control the manufacturing of these elements according to International standard and compatibility with other Hottap and LineStop equioment manufacturer.

Ø20" Sealing Elements for 80 bars

Ø 16" Aluminum Mold for Sealing Element

Hottap & LineStop Equipment

Cutters and Pilot Drills

Cutter and Pilots for LineStop Standard, SS, Linestop, Angle and Tank Hottap

Cutters and Pilot for TDW 2046 Tapping MAchines

36″ Stopple cutter for TDW 1200XL

6″, 8″ and 12″ SS Cutters for TDW T203

Description

Hottap & LineStop Fittings are designed as pressure vessels and are welded to pipelines. They are need for On-Charge interventions. Hottap Equipment are connected to these fittings and through them perform Hottap or LineStop operations.

Several LS LineStop Fittings 600# RF 102 Bars in our Manufacturing facilities in Madrid

LineStop Fittings 600# RF 102 Bars welded in IRAK

Hottap & LineStop Fittings

LockSure and SStop

Specifications

DESIGN DATA

- **Design Code:** ASME B31.8/4
- **Design Pressure:** the maximum for each rating
- **Design Factor:** 0.72 / 0.4
- **Design Temperature:** from -20ºC to 80ºC
- **Corrosion Allowance:** 3 mm

MATERIALS

- **Extruded split tees:** WPB. A234, WPH Y60 or WHP Y70
- **Fabricated split tees:** Plate P355 NL1, P460 NL1 as per EN 10.028-3
- **Flanges: ASTM A105** Ø ≤ 24" ASME B16.5
Ø > 24" MSS-SP-44/ASME B16.47. A
- **Bolts & Nuts:** ASTM A193 B7/194 2H
- **Pipe:** API 5L Gr.B, ASTM A106 Gr.B, E355 as per EN 10.028-3

NDT TEST (as per ASME V)

- **100% RX on butt welds**
- **100% US on the other**

WELDINGS (as per ASME sec. IX)

CERTIFICATION 3.1

- **Materials:** Carbon Steel
Stainless Steel
- **Type:** Extruded Fittings
Welded Fittings
Mechanical Fittings
- **Size:** From Ø2" to Ø56"

Propipe manufactures according to client´s specifications, we can use different materials and design conditions under demand.

Hot Tap and Line Stop Operations

- From 2" to 56"
- Natural Gas, Crude Oil
- Carbon Steel
- 150#, 300#, 600# and 900#
- Temperature from -10ºC to 400ºC

LineStop Jobs with Temporaly By-Pass

Service Center

propipe

Propipe Engineering
Avda. De Las Americas. 4. Nave BB
Coslada. - Madrid 28823
Spain

propipe-sch

Propipe Special Chemicals
Hermanos Gascon, 14
28050 Madrid Spain

propipe-cnc

Propipe CNC
Isaac Peral 46
Valdeavero 28816 Madrid
Spain

US-propipe

14800 W 34th St Ste C19
Houston TX 77092 USA

propipe

Propipe East Europe
Na úvrati 12
821 04 Bratislava
Slovakia

propipe

RAK Free zone PO Box 16111
United Arab Emirates

www.propipe.es
info@propipe.es
+34 913 588 589