

What is a Hydraulic Tubing Punch?

The Hydraulic Tubing Punch is used to punch a hole into tubing without the use of detonators. The tool provides a source of achieving well communication between tubing and annulus. The tool is activated by downward jarring, which activates the tool thus cre-ating hydraulic pressure strong enough to puncture the tubing walls.

This controlled communication between the tubing and annulus is crucial for various well operations, such as fluid injection, production optimization, or well inter-vention activities.

Applications

- Perforating the tubing walls, creating openings for fluid flow or communication between the tubing and annulus.
- Providing a controlled means of punching holes in the tubing.

Key Features & Benefits

- Does not require the use of detonators to operate.
- Compatible with different types and sizes of tubing commonly used in oil and gas wells.
- Robust and simple operation.



Technical Data					
Nominal Size	Assembly Number	Upper Thread Connection	Lower Thread Connection	Max O.D.	Fishneck Size
1.18"	01-01-HP-118-A0	0.625"-11 UN	0.625"-11 UN	1.18"	1.000"
1.50"	01-01-HP-150-A0	0.938"-10 UN	0.938"-10 UN	1.50"	1.187"
1.75"	01-01-HP-175-A0	0.938"-10 UN	0.938"-10 UN	1.75" 2.24" 2.74" (See Note Below)	1.375"

Speak with a Brace Tool sales representative to explore the different configurations available on this tool and discover how we can match your requirements.

Parts List			
Nominal Size	1.18"	1.50"	1.75"
Part Name	Part Number		
Fishneck	01-01-HP-118-01	01-01-HP-150-01	01-01-HP-175-01
Striker Pin	01-01-HP-118-02	01-01-HP-150-02	01-01-HP-175-02
Shear Pin Housing	01-01-HP-118-03	01-01-HP-150-03	01-01-HP-175-03
Shear Pin Cover	01-01-HP-118-04	01-01-HP-150-04	01-01-HP-175-04
Firing Pin Housing	01-01-HP-118-05	01-01-HP-150-05	01-01-HP-175-05
Firing Pin	01-01-HP-118-06	01-01-HP-175-06	01-01-HP-175-06
Shell Chamber	01-01-HP-118-07	01-01-HP-150-07	01-01-HP-175-07
Seal Disc	05-01-SLC-200-06	01-01-HP-175-08	01-01-HP-175-08
Shell Assembly	01-01-HP-118-09	01-01-HP-175-S0	01-01-HP-175-S0
Cylinder	01-01-HP-118-10	01-01-HP-150-10	01-01-HP-175-10
Rubber Disk	01-01-HP-118-11	01-01-HP-150-11	01-01-HP-175-11
Piston	01-01-HP-118-12	01-01-HP-150-12	01-01-HP-175-12
Punch Housing	01-01-HP-118-13	01-01-HP-150-13	01-01-HP-175-13
Punch Piston	01-01-HP-118-14	01-01-HP-150-14	01-01-HP-200-14
Punch (.37)	01-01-HP-118-15	01-01-HP-150-15	01-01-HP-175-15
Bleed Screw	01-01-HP-118-18	01-01-HP-175-18	01-01-HP-175-18
Safety Sleeve	n/a	01-01-HP-150-19	01-01-HP-175-19
Shear Screw	05-01-SLC-200-20	05-01-SLC-200-20	05-01-SLC-200-20
O-Ring	-	123	126
O-Ring	113	210	212
O-Ring	010	012	111
O-Ring	015	213	214
O-Ring	016	018	020
Pin Seal Screw	01-01-HP-118-17	01-01-HP-118-17	01-01-HP-118-17
0.25 Ball			
Set Screw	0.25 - UNC X .31	0.25 - UNC X .38	0.25 - UNC X .38

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