

HYDRAULIC PIPE CUTTER

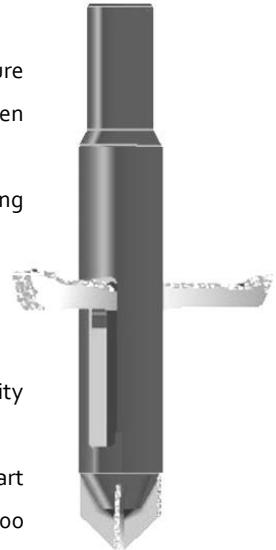
Other name : Pipe Cutter, Internal Hydraulic Cutter

DESCRIPTION

It is an internal hydraulic cutter designed to cut single or multiple strings of concentric or eccentric casing.

The Pipe Cutter can be used in any cutting application where rotation and pressure can be applied to the tool. It is mainly used for well abandonment operations, even when the casings have been cemented and cannot be cut and pulled individually.

Cutter arms dressed with crushed carbide are available in different sizes for cutting single or multiple strings.



USE

Because of the rarely concentricity of multiple casing strings, refer to the Eccentricity Diameter's Table and Formula to determine which arm sizes should be used.

Run the tool at the desired depth. Once at the cutting point, start rotating, then start pumping, and gradually increase the flow to get a standpipe pressure at 1000 to 1200 psi. This pressure will push the piston which is opening the cutters and start the cut.

When the Pipe Cutter is equipped with a Flo-Tel, the end of the cut increases pump strokes.

STANDARD SPECIFICATIONS

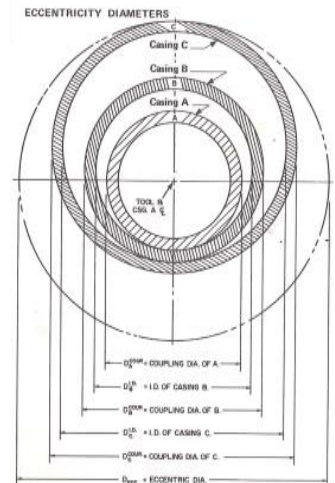
Casing range to cut (in)	4-1/2"-6-1/8"	6-5/8"-13-3/8"	9-5/8"-16"	13-3/8"-36"
ID min	3-7/8"	6"	8-1/2"	12"
Pipe Cutter OD	3-5/8"	5-3/4"	8-1/4"	11-3/4"
Serie	3600	5700	8200	11700

Specify :

- If it's a single or multiple string
- Diameter and weight (lbs/ft) of the casing(s) to cut, and of casing behind it if a multiple string

Eccentric Diameters (dimensions shown in inches)

Casing Combinations			Eccentric Dia.	Casing Combinations			Eccentric Dia.
Size A	Size B	Size C		Size A	Size B	Size C	
9 5/8"	13 3/8"	20	27.881	13 3/8"	26	30	49.873
9 5/8"	13 3/8"	24	34.839	13 3/8"	26	36	55.873
9 5/8"	16	20	27.916	16	20	26	32.290
9 5/8"	16	24	34.874	16	20	30	40.290
9 5/8"	16	26	38.874	16	20	36	52.290
10 3/4"	16	20	26.791	16	24	30	41.248
10 3/4"	16	24	33.749	16	24	36	53.248
10 3/4"	16	26	37.749	16	26	30	41.248
13 3/8"	20	26	34.915	16	26	36	53.248
13 3/8"	20	30	42.915	20	24	30	37.248
13 3/8"	20	36	54.915	20	24	36	49.248
13 3/8"	24	30	43.873	20	26	30	37.248
13 3/8"	24	36	55.873	20	26	36	49.248



YOU MAY ALSO BE INTERESTED BY :

- Releasing Spear
- Stabilizer
- Taper Mill