



X-Pig® Multi-Purpose Utility Tool

Sizes: 2- to 12-inch and 16-inch

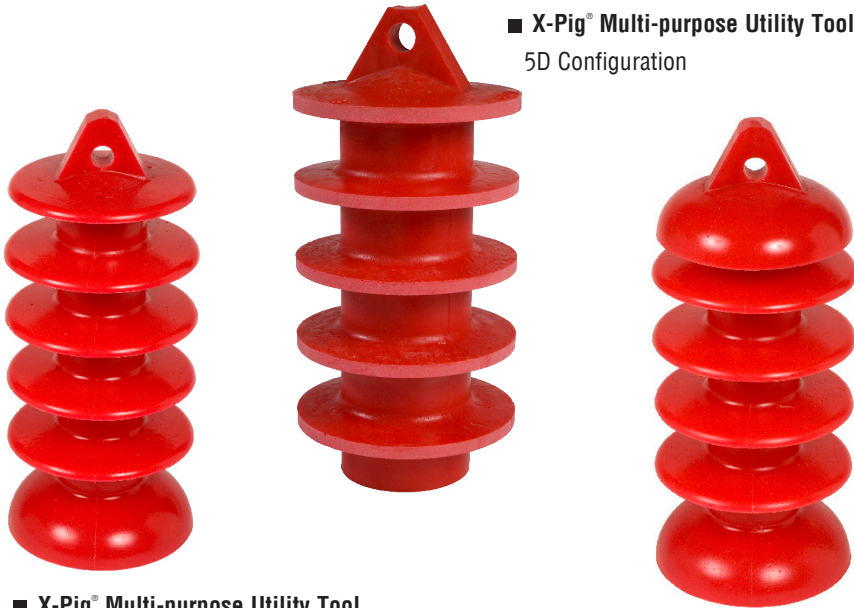


T.D. Williamson

Bulletin No: **3030.006.02**

Date: 11.2021

Supersedes: 3030.006.02 (10.2008)



■ X-Pig® Multi-purpose Utility Tool
5D Configuration

■ X-Pig® Multi-purpose Utility Tool
1C5D Configuration

■ X-Pig® Multi-purpose Utility Tool
2C4D Configuration

Description

Available in 4- to 12-inch and 16-inch sizes, the TDW X-Pig® multi-purpose utility tool is exceptionally versatile, affordable and disposable. It is a one piece pig molded from TDW's Formla SI™ Urethane with add on options available.

Features

Whether your needs are cleaning, batching, displacement, line commissioning/decommissioning, or even gauging, the X-Pig tool is up to the task. Superior durability allows the XPig tool to finish as strong as it starts. It is available in three basic configurations:

- One cup and five discs
- Two cups and four discs
- Five discs.

A smaller front cup/disc facilitates launch and its flexible body is designed to handle 1.5 D radius bends better than rigid-body pigs.

The hollow core can house a transmitter or trip magnet to activate non-intrusive pig passage indicators (4- to 16-inch only)

Options

T. D. Williamson is committed to providing the best products available to assist you in meeting your specific pipeline needs.

Available options include:

- Poly, carbon steel or stainless steel brushes for cleaning
- Bypass holes for enhanced cleaning capability with jetting action
- TDW RealSeal® option offers excellent sealing performance for de-watering and product segmentation from start to finish. (Applicable to rear cup only.)
- Discs and cups can be machined to conform to heavy wall ID offshore pipe
- Select from three available hardness levels (durometer 85* - 80 - 75, Shore A)
- Bolt-on gauging plate option
- Can be molded with solid core body

The TDW Pig Washer facilitates easy cleanup when re-using the X-Pig tool or any other pigs.

**85 is the standard hardness unless otherwise specified*

X-Pig™ Multi-purpose Utility Tool

01-33SZ - ABCD - EF

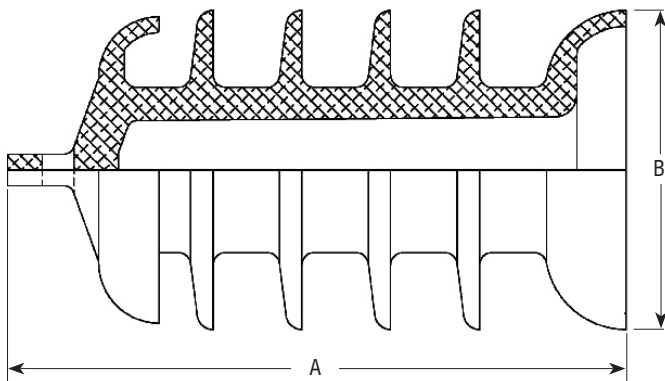
SZ	A	B	C	D	E	F
Nominal Size Inches	Style	Durometer	Transmitter Retainer	Trip Magnet Retainer	Bypass Holes	RealSeal® (Rear Cup Only)
02*	1 = 1C5D	0 = 85A	0 = None	0 = None	0 = None	0 = None
04	2 = 2C4D	1 = 80A	1 = Yes	1 = Yes	1 = 1%	1 = Yes
06	3 = 5D	2 = 75A			3 = 3% (Standard)	
08						
10						
12						
16						

Example: 01-3312-1010-01 would be a 12-inch, 1 cup 5 disc, 85A Durometer, Transmitter Retainer (Transmitter sold Separately), with RealSeal® Rear Cup

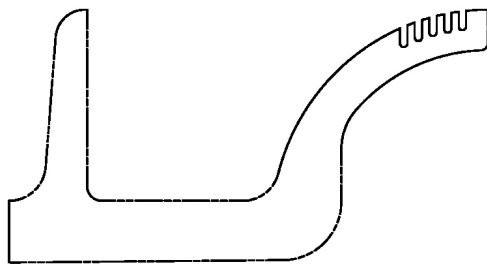
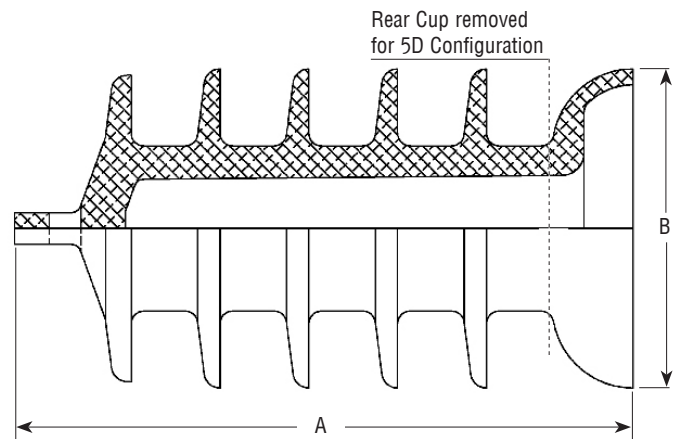
*2-inch is available in 1C4D and 4D configurations only. The only options on the 2-inch are changes in the hardness.

NOTE: Consult factory for Thickwall (Offshore) Applications

2C4D Configuration



1C5D Configuration



RealSeal® Option
(Rear Cup Only)

Dimensions

Size (Nominal)	A		B		Weight		
	Inches	mm	Inches	mm	Lbs.	Kg.	
2	50	3.87	98	2.19	56	0.2	0.09
4	100	9.36	238	4.375	111	1.7	0.77
6	150	15.14	384	6.50	165	5.8	2.63
8	200	18.60	472	8.50	216	12.2	5.53
10	250	21.75	552	10.562	268	21.6	9.80
12	300	24.38	619	12.562	319	36.7	16.65
16	400	29.42	747	16.000	406	62.0	28.12

X-Pig™ Multi-purpose Utility Tool - Accessories



■ X-Pig™ Multi-purpose Utility Tool
2C4D with Brush Assembly Attached

Part Number for Brush Pig

02-33SZ - ABCD - EFGH

SZ	A	B	C	D	E	F	G	H
Nominal Size (Inches)	Style	Durometer	Transmitter Retainer	Trip Magnet Retainer	Bypass Holes	RealSeal® (Rear Cup Only)	Brush Material	Number of Brushes
04	1 = 1C5D	0 = 85A	0 = None	0 = None	0 = None	0 = None	0 = Carbon	1 = 1
06	2 = 2C4D	1 = 80A	1 = Yes	1 = Yes	1 = 1%	1 = Yes	1 = Stainless Steel	2 = 2
08	3 = 5D	2 = 75A			3 = 3% (Standard)		2 = Polyurethane	3 = 3
10								4 = 4
12								
16								

Example: 02-3312-2100-1112 would be a 12-inch, 2 cup 4 disc, 80A Durometer, 3% By-Pass, RealSeal® Rear Cup, Stainless Steel Brushes One on Front and One on Rear

NOTE: Consult factory for Thickwall (Offshore) Applications

X-Pig™ Multi-purpose Utility Tool - Accessories



■ **X-Pig™ Multi-purpose Utility Tool**
2C4D with Guaging Plate Assembly Attached

Part Number for Guage Pig

03-34SZ - ABCD - EFGH

SZ	A	B	C	D	E	F	G	H
Nominal Size (Inches)	Style	Durometer	Transmitter Retainer	Trip Magnet Retainer	Bypass Holes	RealSeal® (Rear Cup Only)	MFL Gauge Plate (Std Size)	DEF Gauge Plate (Std Size)
02	1 = 1C5D	0 = 85A	0 = None	0 = None	0 = None	0 = None	0 = No	1 = No
04	2 = 2C4D	1 = 80A	1 = Yes	1 = Yes	1 = 1%	1 = Yes	1 = Yes	2 = Yes
06	3 = 5D	2 = 75A			3 = 3% (Standard)			
08								
10								
12								
16								

Example: 03-3412-1000-0101 would be a 12-inch, 1 cup 5 disc, 85A Durometer, RealSeal® Rear Cup, with Standard size Gauge Plate for detecting Pipe Deformation

NOTE: Consult factory for Thickwall (Offshore) Applications

Standard Gauge Plate Sizes

Pig Size (Nominal)		Outside Diameter			
Inches	mm	MFL		DEF	
Inches	mm	Inches	mm	Inches	mm
4	100	3.70	94	3.70	94
6	150	5.64	143	5.00	127
8	200	7.38	187	6.50	165
10	250	9.20	234	8.10	206
12	300	11.25	286	9.56	243
16	400	14.25	362	12.00	305