



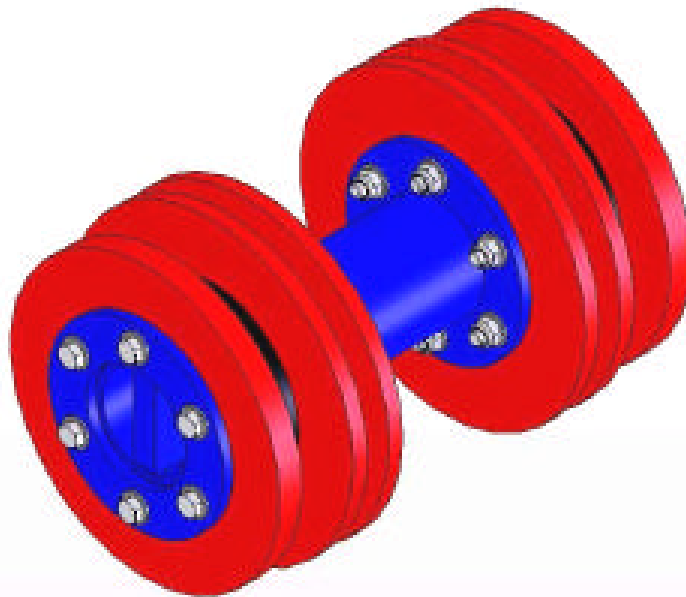
## 2 – 4D Pigging Tools

**Tool Designation :** 2 – 4D  
**Nominal size range :** 6" ns to 36" ns  
**Body Type :** Multi Bolt  
**Drive Interface Type :** Seal Disc

**Tool description:**

The tool configuration is made up of 2 support discs and 4 seal discs separated by spacer discs mounted on a metallic fabricated body assembly.

The front and rear of the tool are fitted with metallic retaining flanges and are held in position by an even number hex. hd. bolts, washers and nyloc nuts.



**Figure 1 Typical Multi Bolt 2-4D Pigging Tool**

**Operational Duties during a Pipelines Lifespan:**

Construction / Commissioning Phase :	Cleaning / Filling / Dewatering
Operational Phase :	Batching / Separation
Decommissioning Phase :	Cleaning

**Pigging Run Data:**

Drive Interface Material :	Omnithane	Super Omnithane	Hyper Omnithane
Operating Temperature :	-20°C to +85°C	-20°C to +85 °C	-20°C to +85°C
Pipeline Medium :	Oil Gas	Oil Gas	Oil Gas
Run Distance up to 14"ns. :	75 km 50 km	100 km 65 km	75 km 50 km
Run Distance up to 36"ns. :	200 km 150 km	225 km 175 km	200 km 150 km

**Note:** The distances shown are approximate values only and should not be considered as absolutes. Factors such as pipeline geometry and condition, pipeline medium, temperature, tool application and configuration will all have an effect on the actual tool run distance.

**Optional Ancillary Items :** The tool can be fitted with optional ancillary items to suit specific multi functional operational duties. i.e. gauge plates, magnet spacers, etc. Please note that not all options are available for all sizes. Please contact the sales department for further information.



## 2 – 2D Pigging Tools

**Tool Designation :** 2 – 2D

**Nominal size range :** 6”ns to 36”ns

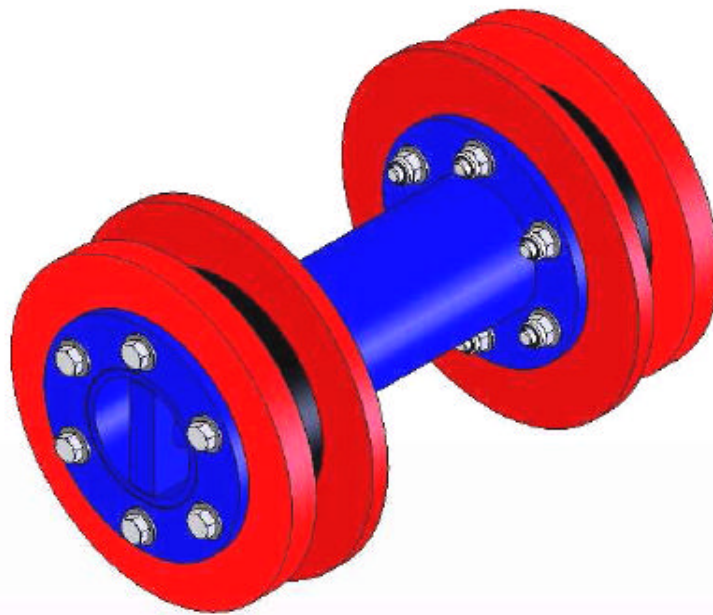
**Tool description:**

The tool configuration is made up of 2 support discs and 2 seal discs separated by spacer discs mounted on a metallic fabricated body assembly.

The front and rear of the tool are fitted with metallic retaining flanges and are held in position by a even number of hex. hd. bolts, washers and nyloc nuts.

**Body Type :** Multi Bolt

**Drive Interface Type :** Seal Disc



**Figure 1 Typical Multi Bolt 2-2D Pigging Tool**

**Operational Duties during a Pipelines Lifespan:**

Construction / Commissioning Phase :	Cleaning / Filling / Dewatering
Operational Phase :	Batching / Separation
Decommissioning Phase :	Cleaning

**Pigging Run Data:**

Drive Interface Material :	Omnithane	Super Omnithane	Hyper Omnithane
Operating Temperature :	-20°C to +85°C	-20°C to +85 °C	-20°C to +85°C
Pipeline Medium :	Oil Gas	Oil Gas	Oil Gas
Run Distance up to 14”ns. :	25 km 10 km	35 km 20 km	25 km 10 km
Run Distance up to 36”ns. :	50 km 30 km	70 km 50 km	50 km 30 km

**Note:** The distances shown are approximate values only and should not be considered as absolutes. Factors such as pipeline geometry and condition, pipeline medium, temperature, tool application and configuration will all have an effect on the actual tool run distance.

**Optional Ancillary Items :** The tool can be fitted with optional ancillary items to suit specific multi functional operational duties. i.e. gauge plates, magnet spacers, etc. Please note that not all options are available for all sizes. Please contact the sales department for further information.



## 2 – 6D Pigging Tools

**Tool Designation :** 2 – 6D  
**Nominal size range :** 6"ns to 36"ns

**Body Type :** Multi Bolt  
**Drive Interface Type :** Seal Disc

### Tool description:

The tool configuration is made up of 2 support discs and 6 seal discs separated by spacer discs mounted on a metallic fabricated body assembly.

The front and rear of the tool are fitted with metallic retaining flanges and are held in position by an even number of hex. hd. bolts, washers and nyloc nuts.

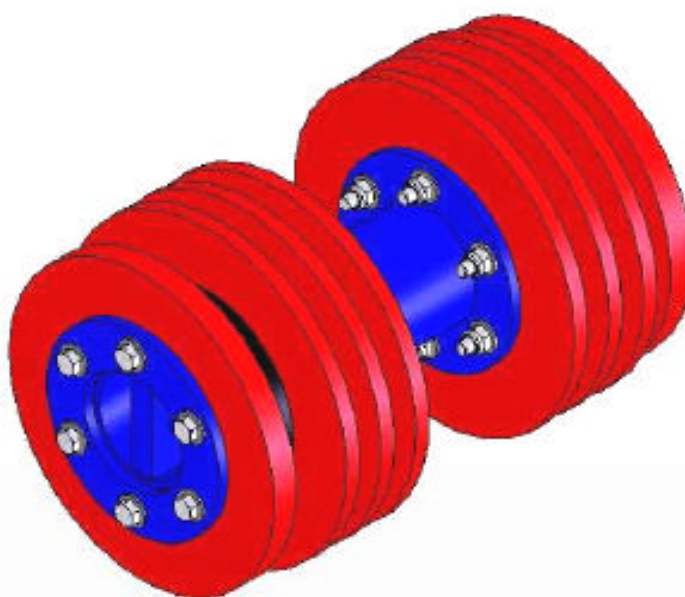


Figure 1 Typical Multi Bolt 2-4D Pigging Tool

### Operational Duties during a Pipelines Lifespan:

Construction / Commissioning Phase :	Cleaning / Filling / Dewatering
Operational Phase :	Batching / Separation
Decommissioning Phase :	Cleaning

### Pigging Run Data:

Drive Interface Material :	Omnithane	Super Omnithane	Hyper Omnithane
Operating Temperature :	-20°C to +85°C	-20°C to +85 °C	-20°C to +85°C
Pipeline Medium :	Oil Gas	Oil Gas	Oil Gas
Run Distance up to 14"ns. :	100 km 75 km	150 km 90 km	100 km 75 km
Run Distance up to 36"ns. :	250 km 200 km	300 km 250 km	250 km 200 km

**Note:** The distances shown are approximate values only and should not be considered as absolutes. Factors such as pipeline geometry and condition, pipeline medium, temperature, tool application and configuration will all have an effect on the actual tool run distance.

**Optional Ancillary Items :** The tool can be fitted with optional ancillary items to suit specific multi functional operational duties. i.e. gauge plates, magnet spacers, etc. Please note that not all options are available for all sizes. Please contact the sales department for further information



## 2B2D Pigging Tools

**Tool Designation :** 2B2D  
**Nominal size range :** 6"ns to 12"ns  
**Body Type :** Spindle (Rigid)  
**Drive Interface Type :** Seal Disc

### Tool description:

The tool configuration is made up of 2 circular brushes and 2 seal discs mounted onto a rigid threaded spindle body separated by either multiple spacer discs or a combination of spacers discs and a single fabricated spacer assembly. The front and rear of the tool are fitted with threaded retrieval noses to provide the primary locking method, aid the handling and retrieval of the tool and to prevent any metal to metal contact. Protector noses are fitted in conjunction with the retrieval nose on tools using spacers and flanges above Ø90mm. Both the threaded components are fitted with split pins to provide a secondary locking method.

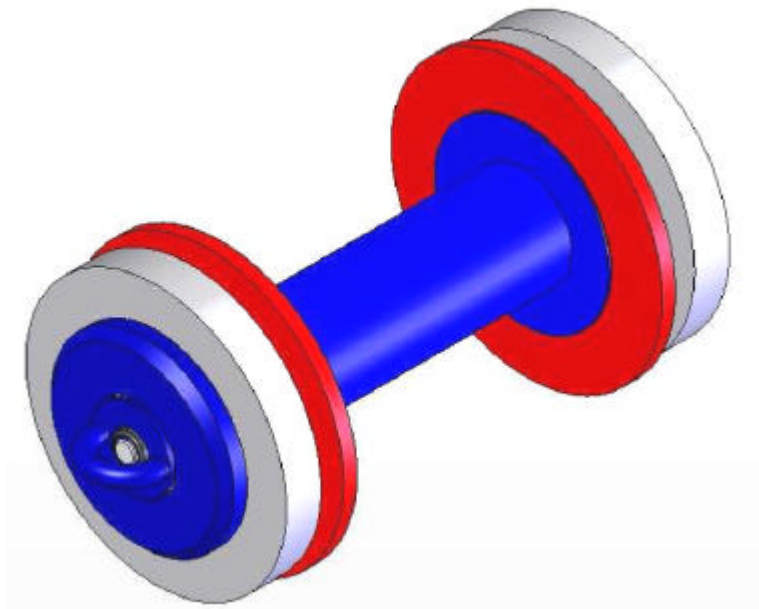


Figure 1 Typical 2B2D Pigging Tool

### Operational Duties during a Pipelines Lifespan:

Construction / Commissioning Phase :	Cleaning
Operational Phase :	Cleaning
Decommissioning Phase :	Cleaning

### Pigging Run Data:

Drive Interface Material :	Omnithane	Super Omnithane	Hyper Omnithane
Operating Temperature :	-20°C to +85°C	-20°C to +85 °C	-20°C to +85°C
Pipeline Medium :	Oil Gas	Oil Gas	Oil Gas
Run Distance up to 12"ns. :	30 km 10 km	40 km 25 km	30 km 15 km

**Note:** The distances shown are approximate values only and should not be considered as absolutes. Factors such as pipeline geometry and condition, pipeline medium, temperature, tool application and configuration will all have an effect on the actual tool run distance.

**Optional Ancillary Items :** The tool can be fitted with optional ancillary items to suit specific multi functional operational duties. i.e. gauge plates, magnet spacers, etc. Please note that not all options are available for all sizes. Please contact the sales department for further information.



## 2B6D Pigging Tools

**Tool Designation :** 2B6D

**Body Type :** Multi Bolt

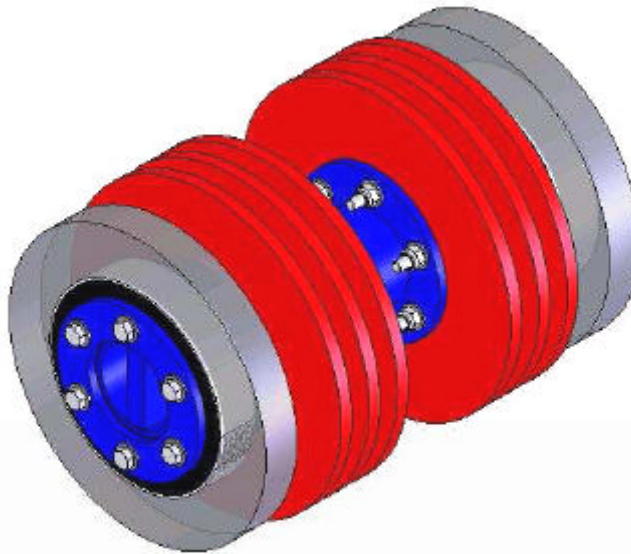
**Nominal size range :** 6"ns to 36"ns

**Drive Interface Type :** Seal Disc

**Tool description:**

The tool configuration is made up of 2 circular brushes and 6 seal discs separated by spacer discs mounted on a metallic fabricated body assembly.

The front and rear of the tool are fitted with metallic retaining flanges and are held in position by an even number of hex. hd. bolts, washers and nyloc nuts.



**Figure 1 Typical 2B4D Pigging Tool**

**Operational Duties during a Pipelines Lifespan:**

Construction / Commissioning Phase :	Cleaning
Operational Phase :	Cleaning
Decommissioning Phase :	Cleaning

**Pigging Run Data:**

Drive Interface Material :	Omnithane	Super Omnithane	Hyper Omnithane
Operating Temperature :	-20°C to +85°C	-20°C to +85 °C	+90°C to +130°C
Pipeline Medium :	Oil Gas	Oil Gas	Oil Gas
Run Distance up to 14"ns. :	75 km 40 km	100 km 60 km	75 km 40 km
Run Distance up to 36"ns. :	200 km 150 km	275 km 200 km	200 km 150 km

**Note:** The distances shown are approximate values only and should not be considered as absolutes. Factors such as pipeline geometry and condition, pipeline medium, temperature, tool application and configuration will all have an effect on the actual tool run distance.

**Optional Ancillary Items :** The tool can be fitted with optional ancillary items to suit specific multi functional operational duties. i.e. gauge plates, magnet spacers, etc. Please note that not all options are available for all sizes. Please contact the sales department for further information.