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Blasting Plug

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Blasting Plug in a process

Blasting Plugs in use

Sharp pipe bevel after blasting

Advantages of Pipe-end Protection during Blasting

The Blasting Plug is the first professional solution to provide effective bevel protection and pipe closure during external blasting. With the Blasting Plug, coating companies can achieve the best pipe-end quality possible. The Blasting Plug combines many advantages:

- ***Protection of the bevelled pipe-end***

The Blasting Plug absorbs friction forces between pipes and prevents impact of steel grit on the bevel during blasting. The bevel remains perfectly sharp and free of damage.

- ***No blasting grit inside the pipe***

The Blasting Plug seals the pipe against penetration from steel grit. Loss of steel grit is prevented and an extra cleaning process becomes redundant.

- ***More efficient and stable process***

The Blasting Plug is easy to apply and remove during the blasting process. As the Blasting Plug absorbs friction forces, unequal support rolls or curved pipes cause less problems during blasting.

- ***Internal coating prior to external blasting***

Because the Blasting Plug prevents impact of steel grit inside the pipe, it is possible to do external blasting immediately after internal coating, without curing the internal coating first.

Blasting Plug in pipe after blasting

Application of the Blasting Plug

The Blasting Plug is positioned in each pipe-end before the blasting process. The Blasting Plug is suitable for running through a pre-heating oven and washing cabin.

The Blasting Plug can cover a difference in wall thickness of maximum 5 mm. The tension inside the pipe can be altered by adjusting the clamping system.

Adjustability of the tensioning system

Diameter range	: 2” - 80”
Wall thickness adjustability	: + 3 mm
Clamping depth	: min. 25,0 mm

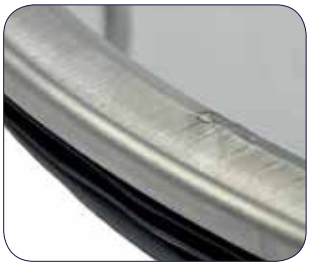
BLASTING PLUG

Blasting Plug

For optimal performance, the Blasting Plug exists out of a basic contruction and can be equipped with several options that fit in a specific blasting process.

Rubber sheet

Double clamping rubber



Forged steel ring

Basic construction:

- ***Double clamping rubber***
  ensures extra clamping of the Blasting Plug on a larger surface and provides double sealing
- ***Clamping spoke***
  provides extra clamping on the cutback surface of 25,0 mm, taking into account internal coating
- ***2 hand grips***
  for positioning the Blasting Plug in the pipe

1.Choice of material for pipe closure

- ***Rubber sheet***
  provides optimal resistance against impact of steel grit
- ***Aluminum plate***
  durable solution and prevents ovality of the Blasting Plug

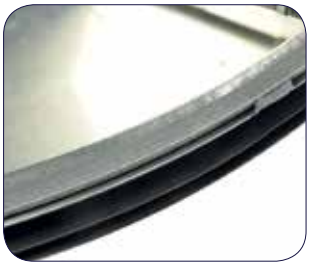
2.Optional

The Blasting Plug can also be provided with 2 different options:

- ***Shielded bevel***
  a forged steel ring is welded on the basic construction, function is to cover the bevel against blasting grit and extend the life time of the Blasting Plug
- ***Intensive use***
  a friction ring is welded on the basic construction (protects the Blasting Plug against demage) and manganese chrome layer is welded on edges of the Blasting Plug (protects the the top edge of the Blasting Plug from wearing down)

Aluminum plate

Clamping spoke



Friction ring

Manganese chrome

Blasting Plug Mini Adjustable

The Blasting Plug Mini Adjustable is designed to cover a wide range of wall thicknesses in just a few seconds. With only an allen key, the Blasting Plug can be applied in the pipe and adjusted for the required wall thickness.

This plug provides bevel protection and pipe closure during external blasting. A manganese chrome top layer is added to protect the top edge from wearing down.

Blasting Plug Mini Adjustable for small and large wall thickness

Diameter range	: 7'' - 24''
Wall thickness range	: 6,35 - 25,4 mm

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Dhatec B.V.
Elskensakker 8
5571 SK Bergeijk
The Netherlands

T +31 497 542527
F +31 497 555399
E info@dhatec.nl
I www.dhatec.nl

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