

1. Rubber sheet:

Rubber sheet is applied instead of a cotton cloth sheet when pipes are not fully running against each other before entering the blasting cabin. The EPDM-rubber sheet has a better resistance against impact of steel grit. With this option, the blasting plug is also suitable for stopping penetration of water and dirt during the cleaning process of pipes. A ventilation hole is possible on request.

2. Wire mesh:

The normal cloth or rubber sheet of the blasting plug could burn in the pre-heating oven if pipes are not fully running against each other. When this occurs, wire mesh material can be applied for pipe closure. Wire mesh has two added advantages in that it will not burn in the oven and it lets air freely ventilate through the pipe.

3. Friction ring:

When two pipes run against each other with high velocities of rotation, the friction forces between the pipes can limit the blasting plugs life time. The friction ring, which is welded on the front surface of the blasting plug, spreads friction forces and therefore protects the blasting plug against damage.

4. Round steel bar (for protection of the entire bevel):

When protection of the complete bevel is required, an extra round steel bar is welded on the top edge of the blasting plug. In this way the complete surface of the bevel is shielded against blasting grit.

5. Manganese chrome top layer:

This is a very hard top layer (600 Brinell) which is welded on top of the protective edge of the blasting plug to prevent this edge from wearing down. Steel grit has much less effect on the manganese chrome material. This option cannot be applied in combination with the round steel bar.

6. Three-way spoke:

In case of larger diameters, the spoke prevents deformation of the plugs and ensures a rigid fitting in the pipe-ends.

7. Hinged three-way clamping-spoke:

The hinged clamping spoke provides extra clamping force on a clamping surface of 25,0 mm, taking into account the cutback of most internal coatings. This extra clamping force can be necessary in case of large velocities of rotation and if pipes are blasted separately.

8. Double clamping rubber:

This is an extra broad rubber profile which ensures extra clamping of the blasting plug on a larger surface. The double clamping rubber has two clamping lips instead of one. Remark: this option can only be used if the pipes are not coated internally prior to external blasting, or if the cutback of the internal coating is > 30 mm

9. Two handgrips:

The handgrips ensure a firm grip when placing and removing blasting plugs. They can also be used in combination with a three-way spoke in case of large diameters.