



CATALOGUE #1

**INTERNAL PIPE
BLAST NOZZLES AND TOOLS**

Internal Pipe Blast Nozzles 360°

Internal pipe blasting nozzles type PTC-360° are designed to blast clean the interior of pipes ranging in size from 2.½" to 5" I.D. The nozzle connected an abrasive blast machine in place of a standard nozzle. In operation, the PTC-360° nozzle directs the air/abrasive mixture at a deflection tip. This tip causes the blast pattern to fan out into a wide, circular pattern, which cleans the inside of the pipe as the nozzle is passed through. Made from tungsten carbide (TC). Fits all Contracor nozzle holders.

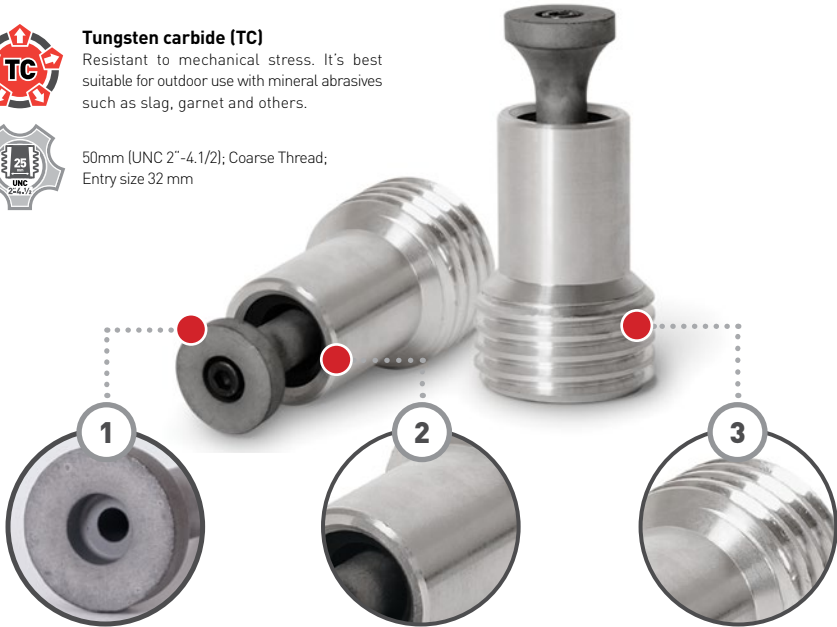


Tungsten carbide (TC)

Resistant to mechanical stress. It's best suitable for outdoor use with mineral abrasives such as slag, garnet and others.



50mm (UNC 2"-4.1/2); Coarse Thread;
Entry size 32 mm



1. Deflection tip.

Deflection tip for PTC- 360°, tungsten carbide (TC).

2. Cover.

Cover: Aluminum.

3. Thread.

Thread: Aluminum, 50 mm for NHP nozzle holder.

Technical data

Highly wear-resistant angle type blasting nozzles.

Made from tungsten carbide (TC).

Lifetime: Up to 400 h.

Cover: Aluminum.

Thread: Aluminum, 50 mm for NHP nozzle holder.



Order code	Model	Description
10112590	PTC-360°	Internal pipe blasting nozzle, tungsten carbide, 8.0mm x 75mm
29010007		Deflection tip for PTC- 360°, tungsten carbide (TC)

Internal Pipe Blast Nozzles 360°L

Internal pipe blasting nozzles type PTC-360°L are designed to blast clean the interior of pipes ranging in size from 3/4" to 2" I.D. The nozzle connected an abrasive blast machine in place of a standard nozzle. In operation, the PTC-360°L nozzle directs the air/abrasive mixture at a deflection tip. This tip causes the blast pattern to fan out into a wide, circular pattern, which cleans the inside of the pipe as the nozzle is passed through. The length of the working area is 200 mm. Made from tungsten carbide (TC). Fits all Contracor nozzle holders.



Tungsten carbide (TC)

Resistant to mechanical stress. It's best suitable for outdoor use with mineral abrasives such as slag, garnet and others.



50mm (UNC 2"-4.1/2); Coarse Thread;
Entry size 32 mm



1. Deflection tip.

Deflection tip for PTC- 360°, tungsten carbide (TC).



2. Cover.

Cover: Aluminum.



3. Thread.

Thread: Aluminum, 50 mm for NHP nozzle holder.

Technical data

Highly wear-resistant angle type blasting nozzles.

Made from tungsten carbide (TC).

Lifetime: Up to 400 h.

Cover: Aluminum.

Thread: Aluminum, 50 mm for NHP nozzle holder.



Order code	Model	Description
10112595	PTC-360°L	Internal pipe blasting nozzle, tungsten carbide, 5.0 mm x 200 mm
29002001		Exchangeable deflection tip for PTC- 360°L, tungsten carbide (TC)

Internal Pipe Blast Tool PBT-1

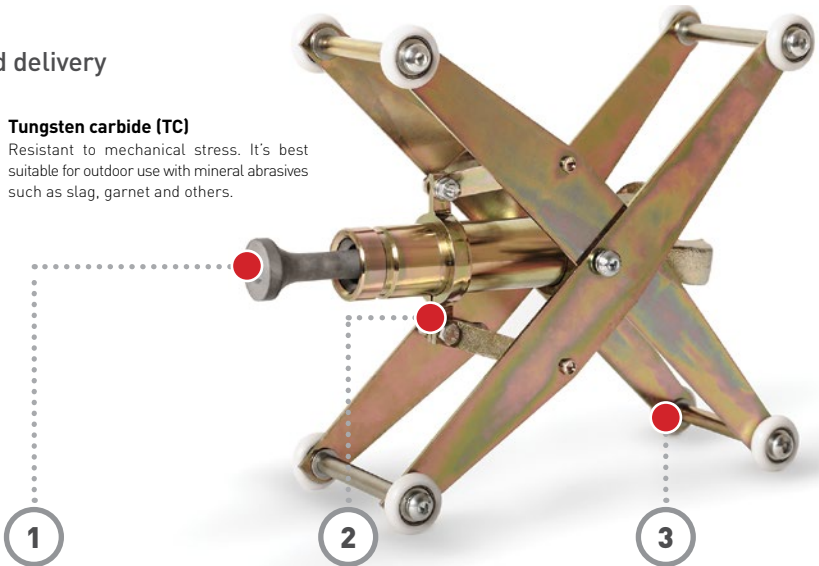
The PBT-1 pipe cleaning tool is an ideal companion to clean blast pipes from 2" (50mm) to 12" (300mm) inner diameter. The PBT-1 consists of a tungsten-carbide nozzle in a venturi form with a tungsten-carbide circular deflection tip, which blasts abrasive media in a continuous circle pattern. The tungsten carbide materials ensure low wear and a long service life. Centering collars and carriage allow fitting the PBT-1 to any pipe with an inner diameter between 3" (75mm) and 12" (300mm). With the centering collars PBT-1 can be used in the 3" (75mm) to 5" (125mm) I.D. pipe range. With centering carriage PBT-1 is adjustable to handle all diameters between 5" (125mm) and 12" (300mm) I.D.

Standard delivery



Tungsten carbide (TC)

Resistant to mechanical stress. It's best suitable for outdoor use with mineral abrasives such as slag, garnet and others.



1

1. Pipe blasting tool.

Pipe blasting tool nozzle and tungsten carbide (TC) deflection tip..

2

2. Collars sets.

Centering collars sets.

3

3. Carriage.

Centering carriage.

Design features



For pipes
3" (75mm) - 12" (300mm) ID



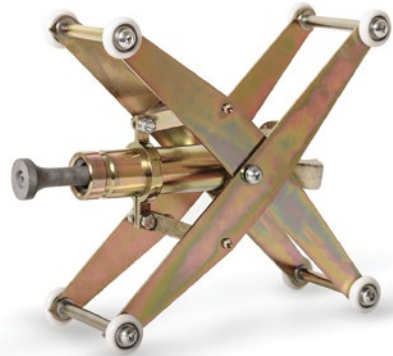
Adjustable centering carriage
for consistent blast pattern



Use with standard blast
machine

Technical data

Pipe dia:	3" (75mm) - 12" (300mm)
Max. working pressure:	10 bar
Blast nozzle I.D.:	12.5 mm (1/2")
Nozzle:	Tungsten carbide (TC)



Order code	Model	Description
10112630	PBT-1	Pipe blasting tool 3" (75mm) - 12" (300mm) with 12,5 mm nozzle and tungsten carbide (TC) deflection tip. Complete package incl. centering collars sets and centering carriage.

Internal Pipe Blast Tool PBT-2 ROTOBLAST

The PBT-2 ROTOBLAST is an accessory for all Contracor blast machines that allows easy cleaning of the internal surface of steel pipes. It is durable, portable, and most of all, easy to use. It guaranteed considerable increases in productivity. The PBT-2 ROTOBLAST consists of an adjustable centre carriage and a constant speed rotating blast head to produce a uniform cleaned blast surface. The carriage is infinitely adjustable from 12" (304,8mm) to 36" (914,4mm) inside diameter. The rotating head is driven by compressed air and two radially positioned blast nozzles. The adjustment of the feed allows a high operational flexibility with all degrees of corrosion of the inner surfaces. The PBT-2 ROTOBLAST unit can be operated with nozzle sizes from 6.5mm to 9.5mm inner diameter.

Standard delivery



Tungsten carbide (TC)

Resistant to mechanical stress. It's best suitable for outdoor use with mineral abrasives such as slag, garnet and others.



1. 2 x NTC(F)-6.5 nozzles.

2. 10 x spare leather washers.

3. Legs set.

Design features



For pipes 12" (304,8 mm) to 36" (914,4 mm) ID



Variable feed and optimal rotation speed



Adjustable centering carriage for consistent blast pattern



Use with standard blast machine

Technical data

Pipe dia: 12" (300mm) - 36" (900mm)
Nozzle: Tungsten carbide (TC)



Order code	Model	Description
10112730	PBT-2 ROTOBlast	Pipe blasting tool 12" (304,8mm) - 36" (914,4mm). Complete package incl. Legs set, 2 x NTC(F)-6.5 nozzles, 10 x spare leather washers
29003025	NTC(F)-6.5	Dia. 6.5 mm TC Blast nozzle for PBT-2 ROTOBlast
29003026	NTC(F)-8.0	Dia. 8.0 mm TC Blast nozzle for PBT-2 ROTOBlast
29003027	NTC(F)-9.5	Dia. 9.5mm TC Blast nozzle for PBT-2 ROTOBlast

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