

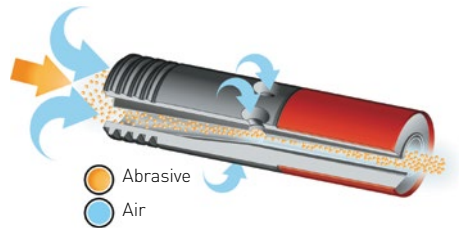
## Abrasive Blast Nozzles

Contracor offers a wide choice of abrasive blast nozzles made from high-quality tungsten carbide, silicon carbide or boron carbide. Various nozzle types and jacket materials are available.



### Contracor Venturi Nozzles

Venturi bore nozzles produce a wide blast pattern and intensify abrasive velocity as much as 100% per given pressure. Venturi nozzles are the best option for increased productivity when blasting larger areas. Long Venturi style nozzles provide approximately a 40% increase in productivity in comparison with straight bore nozzles. Additionally, abrasive consumption can be reduced by about 40%.



### Contracor Double Venturi Nozzles

The double Venturi style can be regarded as two nozzles in a row with a gap and holes in between to facilitate the entry of atmospheric air into the downward part of the nozzle. The exit segment is also wider than an ordinary nozzle. This modification increases the size of the blast pattern and minimizes a reduction in abrasive velocity.

## Choice of nozzle material

### Tungsten carbide (TC)

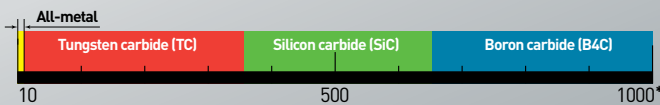
Resistant to mechanical stress. It's best suitable for outdoor use with mineral abrasives such as slag, garnet and others.

### Silicon carbide (SiC)

Light and wear resistant. Universal use with aluminum oxide, silicon carbide, steel shot or mineral slag and garnet.

### Boron carbide (B4C)

Very lightweight with the longest service life. Used for aggressive abrasives such as aluminum oxide, silicon carbide, steel grit.



\* All values are indicative and approximate and given for nozzle comparison purposes only. Actual nozzle service life will depend on blast media, blast pressure, media dimensions and media particle profile.

## Blast Nozzles CLASSIC TC Venturi Type



abrasive blast nozzles  
made from high-quality  
tungsten carbide (TC).

### Nozzles type RTC

Wear-resistant Venturi blasting nozzles made of tungsten carbide (TC).

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Service life: up 400 h. Cover: Rubber. Thread: Rubber, 50 mm for NHP nozzle holder. Entry size: 32 mm.

Order code	Model	Description
10112062	RTC-6.5	Venturi nozzle, tungsten carbide, 6.5 mm x 130 mm
10112063	RTC-8.0	Venturi nozzle, tungsten carbide, 8.0 mm x 150 mm
10112064	RTC-9.5	Venturi nozzle, tungsten carbide, 9.5 mm x 170 mm
10112065	RTC-11.0	Venturi nozzle, tungsten carbide, 11.0 mm x 200 mm
10112066	RTC-12.5	Venturi nozzle, tungsten carbide, 12.5 mm x 210 mm

## Nozzles type DVTC

Wear-resistant Double Venturi blasting nozzles made of tungsten carbide (TC).

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Service life: up 400 h. Cover: Aluminum / rubber. Thread: Aluminum, 50 mm for NHP nozzle holder.

Entry size: 32 mm.

Order code	Model	Description
10112092	DVTC-6.5	Double Venturi nozzle, tungsten carbide, 6.5 mm x 130 mm
10112093	DVTC-8.0	Double Venturi nozzle, tungsten carbide, 8.0 mm x 150 mm
10112094	DVTC-9.5	Double Venturi nozzle, tungsten carbide, 9.5 mm x 170 mm
10112095	DVTC-11.0	Double Venturi nozzle, tungsten carbide, 11.0 mm x 200 mm
10112096	DVTC-12.5	Double Venturi nozzle, tungsten carbide, 12.5 mm x 210 mm