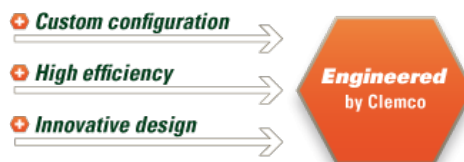




Boron Carbide (BC) Blast Nozzle BMS/BXS

This high quality brand belongs to the product group "pressure blast systems". Only the perfect configuration and match of all system components in a blast machine enable maximum blasting efficiency. Therefore Clemco offers an extensive and complete range of quality products.



Boron Carbide Nozzle BMS/BXS with Natural Rubber Jacket - Coarse Thread 50mm

Optimized blast nozzle design for effective blasting performance and protection of the boron carbide liner due to multi-layer construction. Our BMS/BXS-series with natural rubber jacket impresses with its low weight and high abrasion resistance. Boron carbide is one of the hardest materials in the world and is therefore ideally qualified for use in blasting nozzles. A boron carbide nozzle is the best choice especially in stationary applications and when using aggressive blasting media such as corundum (aluminium oxide). The robust boron carbide liner enables a longer nozzle lifetime compared to other liner materials and is therefore extremely economical, especially in professional blasting operation and continuous use.

Our boron carbide blasting nozzles with natural rubber jacket are available in different nozzle diameters from 6 to 10mm and use the Venturi effect for a maximum blast media outlet speed. This has a positive effect on the blasting performance and thus also on the maximum surface preparation.

Area of application	especially for aggressive blast media
Blasting pressure	0 < > 12 bar
Nozzle size	6 - 10mm
Operating temperature	-15°C < > +50°C

nozzles (BC) with Silicon coat, coarse thread 50 mm

item #	description	size
24279D	BMS-4 BC-NOZZLE 6,0 MM	6 x 135 mm
24280D	BMS-5 BC-NOZZLE 8,0 MM	8 x 135 mm
24281D	BXS-6 BC-NOZZLE 10,0 MM	10 x 160 mm

Nozzles with X have an input cone of 32 mm (all other nozzles 25 mm !).

Air volume in m³/min

nozzle orifice	3,5 bar	4,2 bar	4,9 bar	5,6 bar	6,3 bar	7,0 bar	8,6 bar	10,3 bar
5 mm 3/16"	0,73	0,84	0,92	1,06	1,15	1,26	1,54	1,82
6,5 mm 1/4"	1,31	1,51	1,71	1,9	2,08	2,27	2,75	3,22
8 mm 5/16"	2,16	2,5	2,83	3,16	3,53	3,84	4,71	5,57
9,5 mm 3/8"	3,02	3,53	4	4,5	4,85	5,5	6,64	7,79
11 mm 7/16"	4,12	4,76	5,44	6,09	6,73	7,11	8,8	10,48
12,5 mm 1/2"	5,46	6,28	7,06	7,85	8,65	9,46	11,46	13,45

When selecting an air volume, please add 50% to the table values to allow loss for normal nozzle wear and friction.