

ATSD(X) Tungsten Carbide Blasting Nozzles

The ATSD(X) range comprises of Tungsten Carbide lined long venturi nozzles with Aluminum Jackets. Tungsten Carbide is the liner material of choice for the majority of contractors due to long life and impact resistance - the Aluminum Jacket adds to the rugged character of the nozzle. Long venturi nozzles are used in standard applications in which the blaster operates at a distance of more than 30 cm (or 12") from the surface.

The ATSD nozzle has a 25 mm (1") inlet and the ATJDX has a 32 mm (1¼") inlet - both are available with a standard large thread (/50) or fine thread.

Airblast high velocity long venturi style nozzles have been designed to maximize blast cleaning rates and provide uniform abrasive distribution. The venturi design accelerates the air / abrasive mix as it exits the nozzle providing additional momentum - this can increase productivity and reduce abrasive consumption by up to 40% when compared with straight bore nozzles.



ORDERING INFORMATION

Part no.	Description	Orifice	Length	Inlet
2001000	ATSD-3 TC Nozzle with fine thread	4,8 mm	135 mm	25 mm
2002000	ATSD-4 TC Nozzle with fine thread	6,4 mm	135 mm	25 mm
2003000	ATSD-5 TC Nozzle with fine thread	8,0 mm	145 mm	25 mm
2004000	ATSD-6 TC Nozzle with fine thread	9,5 mm	170 mm	25 mm
2005000	ATSD-7 TC Nozzle with fine thread	11,0 mm	200 mm	25 mm
2006000	ATSD-8 TC Nozzle with fine thread	13,0 mm	230 mm	25 mm
2007000	ATSDX-4 TC Nozzle with fine thread	6,4 mm	135 mm	32 mm
2008000	ATSDX-5 TC Nozzle with fine thread	8,0 mm	145 mm	32 mm
2009000	ATSDX-6 TC Nozzle with fine thread	9,5 mm	170 mm	32 mm
2010000	ATSDX-7 TC Nozzle with fine thread	11,0 mm	200 mm	32 mm
2011000	ATSDX-8 TC Nozzle with fine thread	13,0 mm	230 mm	32 mm
2012000	ATSDX-10 TC Nozzle with fine thread	16,0 mm	230 mm	32 mm
2013000	ATSDX-12 TC Nozzle with fine thread	19,0 mm	230 mm	32 mm
2014000	ATSD-3/50 TC Nozzle with large 50 mm thread	4,8 mm	135 mm	25 mm
2015000	ATSD-4/50 TC Nozzle with large 50 mm thread	6,4 mm	135 mm	25 mm
2016000	ATSD-5/50 TC Nozzle with large 50 mm thread	8,0 mm	145 mm	25 mm
2017000	ATSD-6/50 TC Nozzle with large 50 mm thread	9,5 mm	170 mm	25 mm
2018000	ATSD-7/50 TC Nozzle with large 50 mm thread	11,0 mm	200 mm	25 mm
2019000	ATSD-8/50 TC Nozzle with large 50 mm thread	13,0 mm	230 mm	25 mm
2020000	ATSDX-4/50 TC Nozzle with large 50 mm thread	6,4 mm	135 mm	32 mm
2021000	ATSDX-5/50 TC Nozzle with large 50 mm thread	8,0 mm	145 mm	32 mm
2022000	ATSDX-6/50 TC Nozzle with large 50 mm thread	9,5 mm	170 mm	32 mm
2023000	ATSDX-7/50 TC Nozzle with large 50 mm thread	11,0 mm	200 mm	32 mm
2024000	ATSDX-8/50 TC Nozzle with large 50 mm thread	13,0 mm	230 mm	32 mm
2025000	ATSDX-10/50 TC Nozzle with large 50 mm thread	16,0 mm	230 mm	32 mm
2026000	ATSDX-12/50 TC Nozzle with large 50 mm thread	19,0 mm	230 mm	32 mm

The standard size thread of the nozzle is 50 mm, which is indicated by /50 in the part number. Without this indication the nozzle has a fine thread of 41 mm.

See page 216 and 217 for technical info such as nozzle pressure, service life, air requirement/volume, etc.

ATJD(X) Tungsten Carbide Medium Blasting Nozzles

The ATJD(X) range comprises of Tungsten Carbide lined medium venturi nozzles with Aluminum Jackets. Tungsten Carbide is the liner material of choice for the majority of contractors due to long life and impact resistance - the Aluminum Jacket adds to the rugged character of the nozzle. Medium venturi nozzles are mainly used in applications in which the blasting is conducted in a confined space - therefore the blaster will normally operate at a distance of less than 30 cm (12") from the surface.

The ATJD nozzle has a 25 mm (1") inlet and the ATJDX has a 32 mm (1¼") inlet - both are available with a standard large thread (/50) or fine thread.

Airblast high velocity venturi style nozzles have been designed to maximize blast cleaning rates and provide uniform abrasive distribution. The venturi design accelerates the air / abrasive mix as it exits the nozzle providing additional momentum - this can increase productivity and reduce abrasive consumption by up to 40% when compared with straight bore nozzles.



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ORDERING INFORMATION

Part no.	Description	Orifice	Lenght	Inlet
2027000	ATJD-3 TC Nozzle with fine thread	4,8 mm	85 mm	25 mm
2028000	ATJD-4 TC Nozzle with fine thread	6,4 mm	85 mm	25 mm
2029000	ATJD-5 TC Nozzle with fine thread	8,0 mm	85 mm	25 mm
2030000	ATJD-6 TC Nozzle with fine thread	9,5 mm	85 mm	25 mm
2031000	ATJD-7 TC Nozzle with fine thread	11,0 mm	85 mm	25 mm
2032000	ATJD-8 TC Nozzle with fine thread	13.0 mm	85 mm	25 mm
2032900	ATJDX-4 TC Nozzle with fine thread	6,4 mm	85 mm	32 mm
2033000	ATJDX-5 TC Nozzle with fine thread	8,0 mm	85 mm	32 mm
2034000	ATJDX-6 TC Nozzle with fine thread	9,5 mm	85 mm	32 mm
2035000	ATJDX-7 TC Nozzle with fine thread	11,0 mm	85 mm	32 mm
2036000	ATJDX-8 TC Nozzle with fine thread	13.0 mm	85 mm	32 mm
2037000	ATJDX-10 TC Nozzle with fine thread	16.0 mm	85 mm	32 mm
2038000	ATJD-3/50 TC Nozzle with large 50 mm thread	4,8 mm	85 mm	25 mm
2039000	ATJD-4/50 TC Nozzle with large 50 mm thread	6,4 mm	85 mm	25 mm
2040000	ATJD-5/50 TC Nozzle with large 50 mm thread	8,0 mm	85 mm	25 mm
2041000	ATJD-6/50 TC Nozzle with large 50 mm thread	9,5 mm	85 mm	25 mm
2042000	ATJD-7/50 TC Nozzle with large 50 mm thread	11,0 mm	85 mm	25 mm
2043000	ATJD-8/50 TC Nozzle with large 50 mm thread	13.0 mm	85 mm	25 mm
2043900	ATJDX-4/50 TC Nozzle with large 50 mm thread	6,4 mm	85 mm	32 mm
2044000	ATJDX-5/50 TC Nozzle with large 50 mm thread	8,0 mm	85 mm	32 mm
2045000	ATJDX-6/50 TC Nozzle with large 50 mm thread	9,5 mm	85 mm	32 mm
2046000	ATJDX-7/50 TC Nozzle with large 50 mm thread	11,0 mm	85 mm	32 mm
2047000	ATJDX-8/50 TC Nozzle with large 50 mm thread	13.0 mm	85 mm	32 mm
2048000	ATJDX-10/50 TC Nozzle with large 50 mm thread	16.0 mm	85 mm	32 mm

The standard size thread of the nozzle is 50 mm, which is indicated by /50 in the part number. Without this indication the nozzle has a fine thread of 41 mm.

See page 216 and 217 for technical info such as nozzle pressure, service life, air requirement/volume, etc.

AT(L) Tungsten Carbide Short Blasting Nozzles

The AT(L) range comprises of Tungsten Carbide lined short venturi nozzles with Aluminium Jackets. Tungsten Carbide is the liner material of choice for the majority of contractors due to long life and impact resistance - the Aluminium Jacket (adds to the rugged character of the nozzle).

This range is designed to fit to 13 mm (1/2") blast hose and to be used on 18 liter blast pots or in blast cabinets. The ATL nozzles have a large thread (28 mm) and the AT nozzles have a finer thread (26 mm).

Airblast high velocity venturi style nozzles have been designed to maximize blast cleaning rates and provide uniform abrasive distribution. The venturi design accelerates the air / abrasive mix as it exits the nozzle providing additional momentum – this can increase productivity and reduce abrasive consumption by up to 40% when compared with straight bore nozzles.



ORDERING INFORMATION

Part no.	Description	Orifice	Lenght	Inlet
2085000	AT-2 TC Nozzle with fine 26 mm thread	3,2 mm	45 mm	13 mm
2086000	AT-3 TC Nozzle with fine 26 mm thread	4,8 mm	45 mm	13 mm
2087000	AT-4 TC Nozzle with fine 26 mm thread	6,5 mm	45 mm	13 mm
2088000	AT-5 TC Nozzle with fine 26 mm thread	8,0 mm	45 mm	13 mm
2089000	AT-6 TC Nozzle with fine 26 mm thread	9,5 mm	45 mm	13 mm
2090000	AT-8 TC Nozzle with fine 26 mm thread	13,0 mm	45 mm	13 mm
2085100	ATL-2 TC Nozzle with large 28 mm thread	3,2 mm	45 mm	13 mm
2086100	ATL-3 TC Nozzle with large 28 mm thread	4,8 mm	45 mm	13 mm
2087100	ATL-4 TC Nozzle with large 28 mm thread	6,5 mm	45 mm	13 mm
2088100	ATL-5 TC Nozzle with large 28 mm thread	8,0 mm	45 mm	13 mm
2089100	ATL-6 TC Nozzle with large 28 mm thread	9,5 mm	45 mm	13 mm
2090100	ATL-8 TC Nozzle with large 28 mm thread	13,0 mm	45 mm	13 mm

See page 216 and 217 for technical info such as nozzle pressure, service life, air requirement/volume, etc.