

Avian series with chain-holder head and centralizer rings

Avian with milling head

DESCRIPTION

Multifunctional stainless steel nozzle with interchangeable rotating head.

MAIN FEATURES

With its chain head and centralizer, it can be used for the removal of roots, rust, poorly executed liners.

For this application the nozzle can be supplied in a kit case, complete with centralizer, chain set and tools for assembly. Please refer to the Avian spare parts list for information on possible customisation of the nozzle to suit your operational needs.

With the steel or carbide heads, the nozzle can be used as a cutter to break through particularly hard obstructions.

With the round head it can be used for cleaning and washing operations.

RECOMMENDATIONS

For effective and efficient operation, the nozzles must be specially configured (with regard to the size of individual holes), depending on the characteristics of the pump (flow rate and pressure) and the cross-section, length and type of high-pressure hose. This information must be provided by the customer at the time of order and must be compatible with the technical specifications of each individual nozzle.

The operator must choose a working pressure compatible with the pipeline conditions: high working pressure values could cause structural damage to the pipe walls.

Max Pressure: 275 bar

TECHNICAL SPECIFICATIONS

Part No.		Ø x L								Inserts
		mm	kg					lit/min	mm	
75510.17RTC ^(*)	1/2"	35 x 60	0,34	6 x M4	25°	3 x M4	90°	60 - 160	50 - 150	Steel
75510.360RTC ^(*)	3/4"	55 x 83	1,03	4 x M6	20°	3 x M6	90°	80 - 240	80 - 250	Ceramic
75510.260RTC ^(*)	1"	70 x 140	2,27	6 x M6	20°	3 x M6	90°	90 - 270	100 - 350	Ceramic

(*) **RTC**: nozzle with chain head for root-cutting, **RTW**: nozzle with milling head with carbide teeth

Chain-head nozzles are sold in kits, complete with centralizer, chain set and assembly tools.



ROOTCUTTER KIT

List of components:

Chain Head Nozzles

Chain sets for DN

Centralizers for DN

Plastic Case with Tools

	1/2" F	3/4" F	1" F
VALK1A1.01			
VALK3A1.01			
VALK6A1.01			
75510.17RTC		75510.360RTC	75510.260RTC
50, 70, 100	100, 125, 150	100, 150, 175, 200	
70, 100	125	150 ÷ 200	
●	●	●	



Milling Head

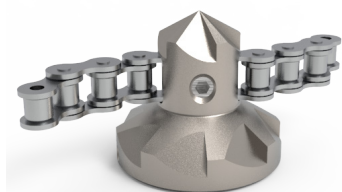
HEADS

Chain Head (with chains)

Steel head

Carbide Head

75527.25C1	75527.27C1	75527.30C
75527.24B	75527.26/1	75527.29B
75527.25B	75527.27B	75527.30B



Root Cutter Head

CHAIN SETS

For DN50, 70, 100

For DN100, 125, 150

For DN100, 150, 175, 200

Chain (1 mt)

For DN100

For DN125

For DN150

For DN200

75001.10A-K1		
	75001.11-K1	
		75001.15-K1
75001.10-1MT	75001.11-1MT	
		75001.15-05
		75001.15-07
		75001.15-09
		75001.15-11



Centralizer Rings for Avian Nozzles

CENTRALIZERS

DN70 Ring

DN100 Ring

DN125 Ring

DN150 Ring

DN150÷200 Extendible Centralizer

DN150÷300 Extendible Centralizer

DN200÷450 Extendible Centralizer

5305.12A		
5305.12B	5305.34B	
	5305.34A	
	5305.34C	
		5305.10
	5023.02	
		5023.01-1