

Propeller Nozzles



Technical Features:

Nozzle equipped with cylindrical or conical cutting propeller, also available with carbide or drilling heads. Propeller permits to cut and mill all deposits and debris.

- Material: high quality hardened and polished steel alloy
- Holes nr: 3/6 rear – 3/5 frontal
- Jets angle: 35° rear jets
- Max Pressure: 250 bar
- Engraving: it's possible to engrave customer company name or lt/bar
- Note: in order to achieve the best cleaning effect we recommend to slowly let the propeller advance and plunging it into lubricating liquid after each use.

Application:

- Cleaning of limestone, soft blockage, compact soil
- Sand, foam, soap
- Removal of roots, wood

Cylindrical Propeller



Cylindrical Propeller Nozzle with S/Steel Inserts

	Part n.	Description	Hose connection 	Rear jets 	Front jet 	Dimension ØxL (mm) 	Weight (Kg) 	Diameter Pipe (mm) 
	12700.01	Cylindrical Propeller	1/8"F	5-6 Drill	5 Drilled	14x27	0,05	20 - 40
	12700.02	Cylindrical Propeller	1/2"M	5-6 Drilled	5 Drilled	28x77	0,18	40 - 80
	12700.03	Cylindrical Propeller	1/2"F	5-6 Drilled	5 Drilled	28x66	0,15	40 - 80
	12700.04	Cylindrical Propeller	3/4"F	6 - M6x8	5 Drilled	38x97	0,38	40 - 120
	12700.05	Cylindrical Propeller	1"F	6 - M6x8	5 Drilled	48x105	0,60	50 - 150
	12700.06	Cylindrical Propeller	1"F	6 - M6x8	5 - M6x8	68x140	1,90	75 - 150

Cylindrical Propeller Nozzle with Ceramic Inserts

Part n.	Description	Hose connection 	Rear jets 	Front jet 	Dimension ØxL (mm) 	Weight (Kg) 	Diameter Pipe (mm) 
12700.02C	Cylindrical Propeller	1/2"M	5-6 Drilled	5 Drilled	28x77	0,18	40 - 80
12700.03C	Cylindrical Propeller	1/2"F	5-6 Drilled	5 Drilled	28x66	0,15	40 - 80
12700.04C	Cylindrical Propeller	3/4"F	6 - M6x8	5 Drilled	38x97	0,38	40 - 120
12700.05C	Cylindrical Propeller	1"F	6 - M6x8	5 Drilled	48x105	0,60	50 - 150
12700.06C	Cylindrical Propeller	1"F	6 - M6x8	5 - M6x8	68x140	1,90	75 - 150

Cos.ma.s snc di Abrescia M. & C.

Via del lavoro, 16 - 33080 Roveredo in Piano (PN) - Italy
 Telefono: +39 0434 922560 - Telefax: +39 0434 590737
 e-mail: info@cosmasitalia.com - www.cosmasitalia.com



Conical Propeller



Conical Propeller Nozzle with S/Steel Inserts

	Part n.	Description	Hose connection 	Rear jets 	Front jet 	Dimension ØxL (mm) 	Weight (Kg) 	Diameter Pipe (mm) 
	12710.01	Conical Propeller	1/8"F	5-6 Drill	5 Drilled	14x27	0,05	20 - 40
	12710.02	Conical Propeller	1/2"M	5-6 Drilled	5 Drilled	28x77	0,18	40 - 80
	12710.03	Conical Propeller	1/2"F	5-6 Drilled	5 Drilled	28x66	0,15	40 - 80
	12710.04	Conical Propeller	3/4"F	6 - M6x8	5 Drilled	38x97	0,38	40 - 120
	12710.05	Conical Propeller	1"F	6 - M6x8	5 Drilled	48x105	0,60	50 - 150
	12710.06	Conical Propeller	1"F	6 - M6x8	5 - M6x8	68x140	1,90	75 - 150

Conical Propeller Nozzle with Ceramic Inserts

Part n.	Description	Hose connection 	Rear jets 	Front jet 	Dimension ØxL (mm) 	Weight (Kg) 	Diameter Pipe (mm) 
12710.02C	Conical Propeller	1/2"M	5-6 Drilled	5 Drilled	28x77	0,18	40 - 80
12710.03C	Conical Propeller	1/2"F	5-6 Drilled	5 Drilled	28x66	0,15	40 - 80
12710.04C	Conical Propeller	3/4"F	6 - M6x8	5 Drilled	38x97	0,38	40 - 120
12710.05C	Conical Propeller	1"F	6 - M6x8	5 Drilled	48x105	0,60	50 - 150
12710.06C	Conical Propeller	1"F	6 - M6x8	5 - M6x8	68x140	1,90	75 - 150

Drilling Propeller



Drilling Propeller Nozzle with S/Steel Inserts

Part n.	Description	Hose connection 	Rear jets 	Front jet 	Dimension ØxL (mm) 	Weight (Kg) 	Diameter Pipe (mm) 
12760.02	Drilling Propeller	1/2"M	5-6 Drilled	5 Drilled	28x85	0,30	40 - 80
12760.03	Drilling Propeller	1/2"F	5-6 Drilled	5 Drilled	28x82	0,22	40 - 80
12760.04	Drilling Propeller	3/4"F	6 - M6x8	5 Drilled	38x113	0,50	40 - 120
12760.05	Drilling Propeller	1"F	6 - M6x8	5 Drilled	48x123	0,75	50 - 150
12760.06	Drilling Propeller	1"F	6 - M6x8	5 Drilled	68x175	2,50	75 - 150

Drilling Propeller Nozzle with Ceramic Inserts

Part n.	Description	Hose connection 	Rear jets 	Front jet 	Dimension ØxL (mm) 	Weight (Kg) 	Diameter Pipe (mm) 
12760.02C	Drilling Propeller	1/2"M	5-6 Drilled	5 Drilled	28x85	0,30	40 - 80
12760.03C	Drilling Propeller	1/2"F	5-6 Drilled	5 Drilled	28x82	0,22	40 - 80
12760.04C	Drilling Propeller	3/4"F	6 - M6x8	5 Drilled	38x113	0,50	40 - 120
12760.05C	Drilling Propeller	1"F	6 - M6x8	5 Drilled	48x123	0,75	50 - 150
12760.06C	Drilling Propeller	1"F	6 - M6x8	5 Drilled	68x175	2,50	75 - 150

Carbide Propeller



Carbide Propeller Nozzle with S/Steel Inserts

Part n.	Description	Hose connection 	Rear jets 	Front jet 	Dimension ØxL (mm) 	Weight (Kg) 	Diameter Pipe (mm) 
12770.02	Carbide Propeller	1/2"M	5-6 Drilled	5 Drilled	28x85	0,30	40 - 80
12770.03	Carbide Propeller	1/2"F	5-6 Drilled	5 Drilled	28x82	0,22	40 - 80
12770.04	Carbide Propeller	3/4"F	6 - M6x8	5 Drilled	38x113	0,50	40 - 120
12770.05	Carbide Propeller	1"F	6 - M6x8	5 Drilled	48x123	0,75	50 - 150
12770.06	Carbide Propeller	1"F	6 - M6x8	5 Drilled	68x175	2,50	75 - 150

Carbide Propeller Nozzle with Ceramic Inserts

Part n.	Description	Hose connection 	Rear jets 	Front jet 	Dimension ØxL (mm) 	Weight (Kg) 	Diameter Pipe (mm) 
12770.02C	Carbide Propeller	1/2"M	5-6 Drilled	5 Drilled	28x85	0,30	40 - 80
12770.03C	Carbide Propeller	1/2"F	5-6 Drilled	5 Drilled	28x82	0,22	40 - 80
12770.04C	Carbide Propeller	3/4"F	6 - M6x8	5 Drilled	38x113	0,50	40 - 120
12770.05C	Carbide Propeller	1"F	6 - M6x8	5 Drilled	48x123	0,75	50 - 150
12770.06C	Carbide Propeller	1"F	6 - M6x8	5 Drilled	68x175	2,50	75 - 150