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	Designation	Characteristic	Use	Ø cable mm	kg.	ref.		
<b>20000</b> 00000000000000000000000000000000	Straight spiral head	Sampling or bursting	Fabric, paper, cellulose.	16	0,060	293158		
	To identify the plug type thanks to a sampling and to decide which tools is the most accurate to the pipe cleaning. Also used to drill fabric, paper, cellulose, food wastes, etc. plugs.							
<b></b>	Straight spiral head	Sampling or bursting	Fabric, paper, cellulose.	22	0,170	29316		
	To identify the plug type thanks to a sampling and to decide which tools is the most accurate to the pipe cleaning. Also used to drill fabric, paper, cellulose, food wastes, etc. plugs.							
	Swivel head	For passing through short, tight bends	Fabric, paper, cellulose.	16	0,060	29317:		
	Short and articulated tool (only 83mm length), perfect for small diameter pipes or narrow elbows, for fabric, paper, cellulose, food wastes, etc. plugs.							
	Bulb spiral head	Pipe cleaning	Fabric, paper, cellulose.	16	0,070	29315		
	High flexibility tool, adapted for pipes with narrow and successive elbows, for small plugs (fabric or paper plugs).							
	Bulb spiral head	Pipe cleaning	Fabric, paper, cellulose.	22	0,220	29316 <sup>,</sup>		
	High flexibility tool, adapted for pipes with narrow and successive elbows, for small plugs (fabric or paper plugs).							
	Conical spiral head	Bursting, pushing or recovering	Fabric, paper, cellulose.	22	0,280	29316		
	Multi-purpose tool thanks to its funnel shape, perfect for big diameter pipes to drill or to push fabric and paper plugs. Also used to collect items blocked in the pipes.							
ZAMARINO	Collection head	Retrieving objects	Fabric and miscellaneous object plugs	t 16	0,035	29317		
	Offset hook tool to collect fal	oric, tools, cables or any other items block						
ZIIII	Collection head	Retrieving objects	Fabric and miscellaneous objec plugs	t 22	0,110	29317		
	Offset hook tool to collect fabric, tools, cables or any other items blocked in the pipes.							
	Arrow head	Drilling	Fat, soft or soapy plugs	16	0,030	29316		
	Perfect for dishwasher, washing machine, sink drainpipes in catering trade, to drill fat, soft or soapy deposits.							
	Arrow blade head	Coring	Piping blocked by sand or sludge	22	0,150	29316		
	Blades curved tool for sandy and silted pipes.							
	Toothed mill head	Pre-bursting before finish	Hardened plugs, builugs up fabric and sludge	In	0,030	29316		
		steel, breakage-resistant, for plugs pre-dil ugs made with fabric and mud accumulatio ic core cables.	-	al and chain	head			

<b>vira</b>	Designation	Characteristic	Use	Ø cable mm	kg.	ref.			
-	Toothed mill head	Pre-bursting before finish	Hardened plugs, built-up fabric and sludge	22	0,200	293168			
		steel, breakage-resistant, for plugs pre- ugs made with fabric and mud accumula	-						
	Smooth knife head	Cleaning and finish	Fat deposits and pipe scale	16	0,16	293179			
	Double smooth chain tool for e damage.	embedded or fat pipe cleaning and finish	hing of PVC pipes, sandstone, 1	fibers or cement	: withou	ut any			
A Constant	Smooth knife head	Cleaning and finish	Fat deposits and pipe scale	22	0,530	293180			
	Double smooth chain tool for damage.	embedded or fat pipe cleaning and finisl	hing of PVC pipes, sandstone, t	fibers or cement	t withou	ut any			
	Toothed knife head	Heavy-duty cleaning and finish	Fat and scale deposits	22	1,110	293181			
	Quadruple head spikes chains tool, perfect for intensive cleaning or finishing by fat and limestone deposits removal for concrete or cast iron pipes. Equipped with guide rings for a better centering during horizontal pipe cleaning. Not appropriate for PVC pipes.								
76	Knife head	Cutting and scraping	Stubborn deposits, fat deposits, sludge, fabric	16	0,020	293174			
	Tempered steel spring wire bl	ades tool, for hard and fat deposits rem	shredding oval or mud. Fabric and other	materials crushi	ng.				
	Knife head	Cutting and scraping	Fatty deposits, siltation and roots	22	0,230	293166			
	Tempered steel tool with double tooth for fat deposits, mud and roots removal.								
	Saw head	Cutting and shredding	Small branches and other materials	16	0,040	293176			
	Crushing tool for small-size roots, branches and any other materials blocked into the pipes. Not appropriate for PVC pipes.								
	Root cutting head Ø65mm	Cutting and shredding	Small branches, roots, and other	22	0,250	0 29317			
	tough materials   Tempered steel spring tool with cutter ring. Efficient in both senses thanks to its 2-way gearing. Perfect for pipes obstructed by roots and hard materials. Recommended use with plastic core cable sections. Not appropriate for PVC pipes.								
	Root cutting head Ø90mm	Cutting and shredding	Small branches, roots, and other	22	0,29	0 29317			
	tough materials   Tempered steel spring tool with cutter ring. Efficient in both senses thanks to its 2-way gearing. Perfect for pipes obstructed by roots and hard materials. Recommended use with plastic core cable sections. Not appropriate for PVC pipes.								
		For coupling and							
$\longrightarrow$	Coupling wrench	uncoupling cable sections and tools	s -	16	0,02	0 29316			
	For the cable sections and pipe								
$\longrightarrow$	Coupling wrench	For coupling and uncoupling cable sections and tools	5 -	22	0,03	0 29316			
	For the cable sections and pipe	e cleaning tools decoupling.							
	Guide pipe	To stabilize cables in rotation, protect and	-	16 / 22	4,16	029315			
		secure the workspace.							

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