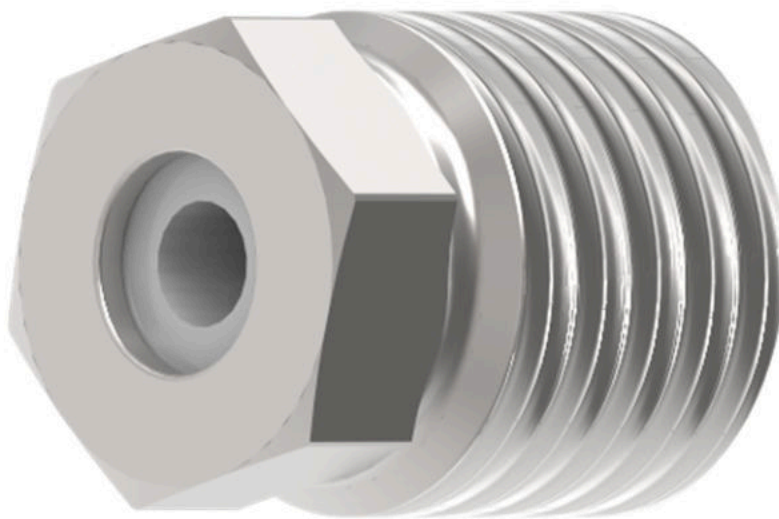


Round and fan jet nozzle inserts (enz® JetMax)

The stainless steel ceramic inserts stand out from the competition thanks to a very compact and aggressive water jet. The service life of a JetMax ceramic insert is many times longer than that of hardened steel nozzles or other hard materials. The inserts are available in a wide variety of diameters. The integrated jet stabilizer ensures a concentrated and high-energy water jet. The cleaning affect is greatly increased for the same amount of water and energy.



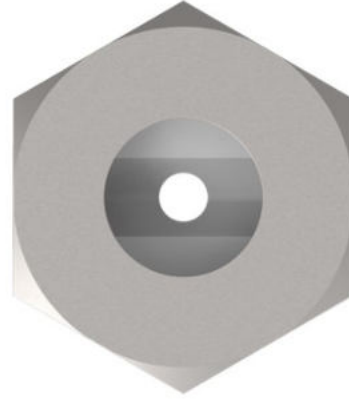
Fan Jet Inserts



22.08F | Ø inch (0.04) (0.06)



22.10F | Ø inch (0.04) (0.06) (0.07) (0.09) (0.10) (0.11)



22.025F | Ø inch (0.04) (0.06) (0.07) (0.09) (0.10) (0.11)



Round Jet Inserts



22.025 | Ø 0,01 - 0,04 inch



22.025 | Ø 0,04 - 0,12 inch



22.025 | Ø 0,13 - 0,16 inch



22.04 | Ø 0,01 - 0,06 inch



22.06 | Ø 0,01 - 0,12 inch



22.08 | Ø 0,04 - 0,13 inch











22.10 | Ø 0,04 - 0,16 inch










Round jet



					 max
22.025		Jet insert Ø 0.4 - 0.16 inch	G 1/4"	0.022	7,250
22.04		Jet insert Ø 0,01 - 0,06 inch	M4	0.022	22,000
22.06		Jet insert Ø 0,01 - 0.2 inch	M6	0.022	14,500
22.08		Jet insert Ø 0,04 - 0.13 inch	M8	0.022	22,000
22.10		Jet insert Ø 0,04 - 0,15 inch	M10 x 1	0.022	7,250

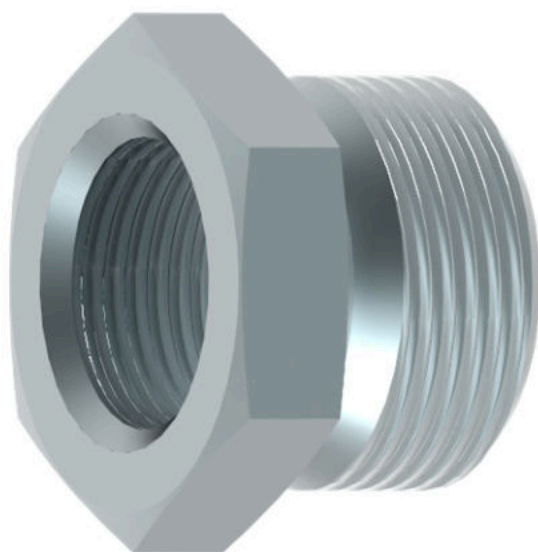
Fan jet



						 max
22.08F		Jet insert fan jet	M8	30°	0.022	7,250
22.10F		Jet insert fan jet	M10 x 1	30°	0.022	7,250
22.025F		Jet insert fan jet	G 1/4"	30°	0.033	7,250











Bushings and extensions

enz® expansions (extensions) and reductions of various thread sizes are all made of stainless steel.







Bushings









				
19.M050F025N		Reduction bushing M 1/2" F 1/4" NPT	m 1/2 - f 1/4	0.11
19.M075F050		Reduction bushing M 3/4" F 1/2"	m 3/4 - f 1/2	0.26
19.M100F050		Reduction bushing M 1" F 1/2"	m 1 - f 1/2	0.22
19.M100F062		Reduction bushing M 1" F 5/8"	m 1 - f 5/8	0.28
19.M100F075		Reduction bushing M 1" F 3/4"	m 1 - f 3/4	0.34
19.M125F100		Reduction bushing M 1 1/4" F 1"	m 1 1/4 - f 1	0.34
19.M150F100		Reduction bushing M 1 1/2" F 1"	m 1 1/2 - f 1	0.4
19.M150F125		Reduction bushing M 1 1/2" F 1 1/4"	m 1 1/2 - f 1 1/4	0.4

Extensions



				
19.M050F062		Extension bushing M 1/2" F 5/8"	m 1/2 - f 5/8	0.29
19.M050F075		Extension bushing M 1/2" F 3/4"	m 1/2 - f 3/4	0.29











				
19.M050F100		Extension bushing M 1/2" F 1"	m 1/2 - f 1	0.49
19.M075F100		Extension bushing M 3/4" F 1"	m 3/4 - f 1	0.52
19.M100F125		Extension bushing M 1" F 1 1/4"	m 1 - f 1 1/4	1.2
19.M100F150		Extension bushing M 1" F 1 1/2"	m 1 - f 1 1/2	1.3
19.M100F40		Extension bushing M 1" F M40x2"	m 1 - f M40x2	0.78
19.M125F150		Extension bushing M 1 1/4" F 1 1/2"	m 1 1/4 - f 1 1/2	1.3

Swivel joints

Rustproof, sturdy execution, smooth operation, with excellent flow dynamic, suitable for larger channel cleaning and for operating cutters.



Swivel joints 1/2" - 1 1/4"

							
24.050		Swivel joint	1/2" m - 1/2" f	-	1.65 x 3.15	1.17	3,600
24.075		Swivel joint	3/4" m - 3/4" f	-	2.32 x 2.91	2.70	3,600
24.100		Swivel joint	1" m - 1" f	-	2.95 x 3.15	4.85	3,600
24.125		Swivel joint	1 1/4" m - 1 1/4" f	-	2.36 x 4.76	3.02	3,600
24.150		Swivel joint	1 1/2" m - 1 1/2" f	-	3.31 x 3.78	5.95	3,600












Spray guns

Enz has multiple range of spray guns in its program. The jet can change from a pointed to flat jet, where you can trigger the flow very slowly or you can use a maximum flow. This can accommodate water temperatures of up to 150 °C.















Spray guns






								
18.42		Spray gun with swivel SG-42	3/8"	2.6	46.5 x 7.9 x 1.8	3.97	-	4,350
18.43		Spray gun with swivel SG-43	1/2"	2.6	43.3 x 7.9 x 1.8	4.63	ok	5,000
18.44		Spray gun with swivel SG-44	1/2"	2.6	42.1 x 7.9 x 1.8	4.19	-	2,900
18.45		Spray gun without swivel SG-45	1/2"	2.6	30.7	5.07		3,600
18.41		Spray gun with swivel SG-41	1/2"	2.6	37.4 x 7.9 x 1.8	2.65	-	4,350

Accessories for spray guns



					
22S025N17		Steel insert Ø 1.7mm	AG 1/4" NPT		
22S025N27		Steel insert Ø 2.7mm	AG 1/4" NPT		
22S025N17F40		Steel insert fan jet Ø 1.7mm	AG 1/4" NPT		
22S025N13		Steel insert Ø 1.3mm	1/4" NPT		
22S025N21		Steel insert Ø 2.1mm	1/4" NPT		
0018.4543		Nozzle for lance Vario Ø 3.0mm			
0018.4542		Nozzle for lance Vario Ø 2.0mm			
0018.438		Shoulder support for SG-43 13.4-19.7"		1.5	
0018.429		Repair kit to spray gun SG-41 SG-42 SG-44			



			
0018.4599	Repair kit to spray gun SG-45		
0018.439		Repair kit to spray gun SG-43	












Hose protection and accessories

enz® hose protection provides optimum protection for the hose's rubber or plastic coating against environmental influences. In addition to protective plastic hoses, enz® also sells rigid and flexible flex guides. Compared to traditional deflection slides and the plastic hose protection that cause heavy wear on the hoses, the rollers on the enz® flex guides last five times longer. These flex guides are also available in a flexible variant so that you do not always have to detach the nozzle.











Hose protection


















					
91		Steel-Banane small	from 7.87	13.78 x 17.72	8.82
91.05		Flex guide for hoses with brackets	from 5.91	18.23 x 5.2 x 8.98	15.43
91A		Steel-Banane middle	from 7.87	23.62 x 26.38	11.33
91M		Steel-Banane extra small	from 5.91	11.81 x 14.57	5.6
91.05M		Flex guide miniature for hoses	from 3.35	3.15 x 11.81	4.28
91.07		Flex guide for hoses with brackets	from 11.81	22.8 x 5.2 x 10	20.28
91.05B		Flex guide for hoses with fix hanger	from 5.91	18.23 x 5.2 x 8.98	15.43
91.07B		Flex guide for hoses with fix hanger	from 11.81	22.8 x 5.2 x 10	20.28

Accessories for hose protection



					
0090.02		Extension for Art. 90		39.37	4.5
0090.03		Quick Lock Element			4.68
0090.10		Locking sprong for extension			
0090.40		Shaft to plastic wheel Ø 20 x 122			
0090.90		Plastic wheel red			

			
0091.0504			
0091.0515		Adapter for flex guide hoses	
90		Deflection device for lower edge	157.48
93		Deflection device 18 - 34 inch	17.72 - 31.50
0091.0514M			
0091.0504M			
0091.0505M			
93.7		Rope clip for upper deflection device	0.02
91.0515		Flex guide for hoses 91.05	
91.0715		Flex guide for hoses 91.07	
0091.05700			
0091.05703		Plastic protection for flex guide	

















Nozzle extension and accessories

The enz® Nozzle extension are based on a pipe-in-pipe solution and are designed in such a way that the threads cannot be screwed in with too much force. This has no impact on the water output. In many countries, it is actually mandatory to use Nozzle extension in order to prevent serious accidents during work.








Nozzle extension and accessories



								
97.075-100		Safetyliner 3/4" - 3/4"	3/4"	max. 7.8	1.37 x 4.65	1.0	ok	5,000
97.075-200		Safetyliner 3/4" - 3/4"	3/4"	max. 15.6	1.37 x 8.55	1.6	ok	5,000
97.100-150		Safetyliner 1" - 1"	1"	max. 11.7	1.8 x 6.76	2.1	ok	5,000
97.100-200		Safetyliner 1" - 1"	1"	max. 15.6	1.8 x 8.71	2.6	ok	5,000
97.100-300		Safetyliner 1" - 1"	1"	max. 23.4	1.8 x 12.61	3.5	ok	5,000
97.125-150		Safetyliner 1 1/4" - 1 1/4"	1 1/4"	max. 11.7	2.08 x 6.84	1.2	ok	5,000
97.125-200		Safetyliner 1 1/4" - 1 1/4"	1 1/4"	max. 15.6	2.08 x 8.79	3.5	ok	5,000
97.125-300		Safetyliner 1 1/4" - 1 1/4"	1 1/4"	max. 23.4	2.08 x 12.7	4.7	ok	5,000
97.050-100		Safetyliner complete 1/2" -> 1/2"	1/2"	max. 7.8	1.06 x 4.57	0.70	ok	5,000
97.050-150		Safetyliner complete 1/2" -> 1/2"	1/2"	max. 11.7	1.06 x 6.52	0.9	ok	5,000

Threaded ring



						
0097.0503		Threaded ring 1/2"	1/2"	1.18 x 0.39	0.066	5076











High pressure hoses and accessories

enz® high pressure hoses were developed for high and ultra high pressure applications. They combine outstanding handling and a long service life with the highest level of safety. When working with short nozzles, short fittings are important in order to pass through all the bends, while enz® reels allow you to work in a tidy and efficient manner within buildings.










High pressure hoses



						
C173		HP Hose	1/8" m - 1/4" f	3/16" x 11yard Ø In 0.19" #Ø Out 0.35"	2.29	3,600
C175		HP hose	1/8" m - 1/4" f	3/16" x 22yards Ø In 0.19" #Ø Out 0.35"	4.54	3,600
C174		HP hose	1/8" m - 1/4" f	3/16" x 16yard Ø In 0.19" #Ø Out 0.35"	3.39	3,600
C176-30		HP hose	1/4" m - 1/2" f	1/4" x 33yards Ø In 0.24" #Ø Out 0.47"	11.46	3,600
C176-20		HP hose	1/4" m - 1/2" f	1/4" x 22yards Ø In 0.24" #Ø Out 0.47"	7.93	3,600
C177-30		HP hose	1/4" m - 1/2" f	5/16" x 33yards Ø In 0.31" #Ø Out 0.55"	12.56	3,600

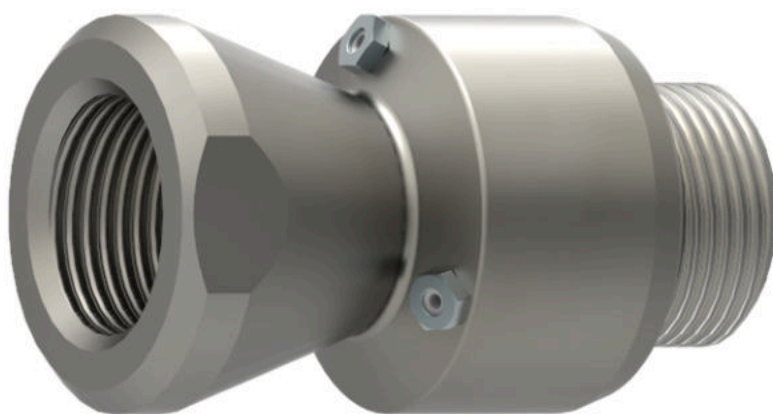
Accessories for high pressure hoses



				
A-22MF-08BM KAE		Hand adapter IG M22x1.5-AG 1/2"		0.33
A-22MF-04BM KAE		Hand adapter IG M22x1.5-AG 1/4"		0.22
C330		Hose Reel for Hose 1/4" and 1/8"	1/2"	9.7
C331		Closure cap	1/4"	0.22
C332		Closure cap	1/8"	0.22









Pull part for high pressure hoses

enz® high pressure hoses were developed for high and ultra high pressure applications. They combine outstanding handling and a long service life with the highest level of safety. When working with short nozzles, short fittings are important in order to pass through all the bends, while enz® reels allow you to work in a tidy and efficient manner within buildings.



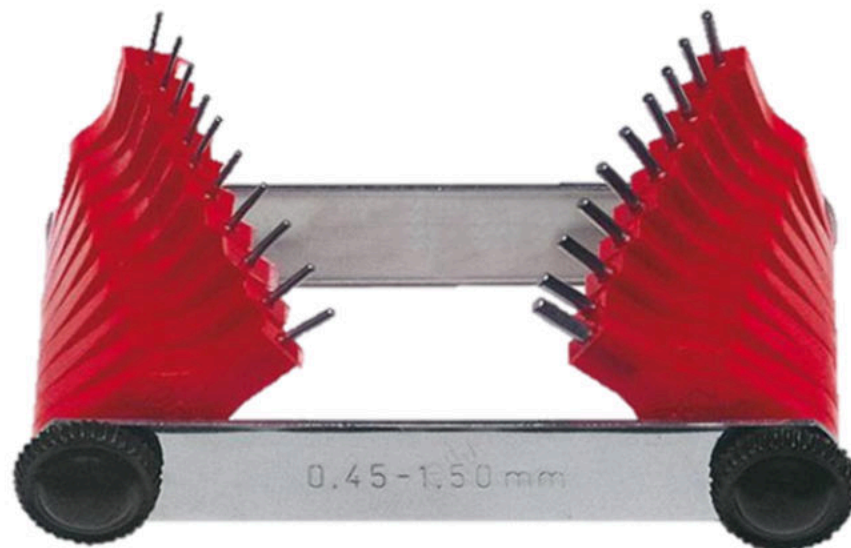
Pull part for high pressure hoses



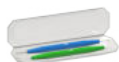
							
30.050Z		Pull part	1/2"	1.38	1.18 x 2.05	.	5,075
30.125Z		Pull part 1 1/4" - 1 1/4"	1 1/4" - 1 1/4"	2.56	2.36 x 3.54		3,625
30.125100Z		Pull part 1 1/4" - 1"	1 1/4" - 1"	2.56	2.36 x 3.74		3,625



















Maintenance

Regular maintenance and cleaning the nozzles daily prevents interruptions in operations and extends the service life of the nozzles. enz® sells various tools and products that come in handy when doing so. Reamers should never be used for cleaning.



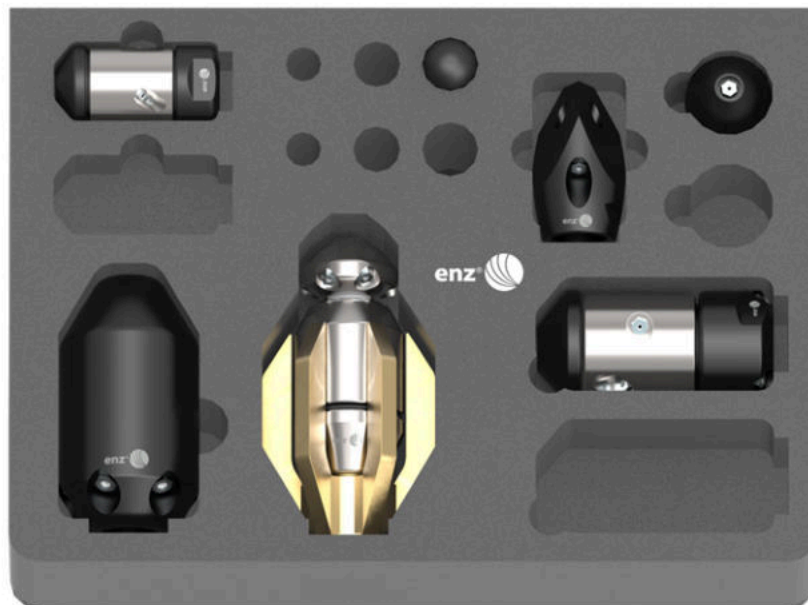
Maintenance tools & nozzle care














				
C101		Socket wrench 0.2 inch		0.11
C104		Socket wrench 0.2 inch		0.15
C131		Socket wrench 0.4 inch		0.05
C149		Socket wrench 0.2 inch		0.15
C160		Socket wrench 0.3 inch		0.11
C260		Socket wrench Futuro 0.28 inch		0.15
C261		Socket wrench 3.5 mm		0.11
C109		Loctite 638 - 50 ml		
C192		Loctite 243 - 50 ml		0.15
C227		Loctite 270 - 50 ml		
C191		Oil Spray Bio, 500 ml		
C200		Nozzle gauge		0.66
C201		Nozzle gauge		0.44
C205		Nozzle Maintenance Set		0.96
C202		Set Nozzle Cleaning-Tool		0.06

Toolboxes

Enz gives you the option to have a nozzle tool kit box for every jetter and water jetting truck. It's very flexible with the different types of nozzles and you can also add your logo on the lid. This option of organization can reduce the risk of lost or misplaced nozzles.



Toolboxes 1/8" - 1 1/4"


					
09.001		Tool Case 1/2 "	1/2 "	11.81 x 10.83 x 4.13	1.10
09.003		Tool Case 3/4 "	3/4 "	15.35 x 11.81 x 7.28	4.19
09.004		Tool Case 1 "	1 "	19.49 x 16.14 x 7.09	6.17
09.005		Tool Case 1 1/4 "	1 1/4 "	19.67 x 16.54 x 6.89	6.17
09.000012B		Box for 1/8" nozzles	1/8 "	4.7 x 4.6x 1.6	0.23
09.000025B		Box for 1/4" nozzles	1/4 "	4.7 x 4.6x 1.6	0.23
09.000038E		Case for 1/4" or 3/8" nozzles	1/4", 3/8 "	10 x 8.3 x 2.4	0.78
09.000050F		Case for 1/2" nozzles	1/2 "	10.04 x 8.26 x 2.36	1.32