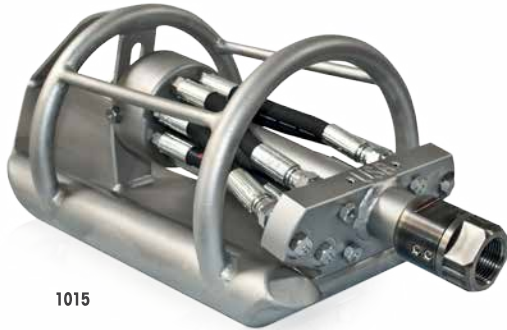


BAGGER MAX 3D













1015



1012



1013

 P/N	 Hose Con.	 Minimum/GPM	 Pipe Diameter	 L x W Dimensions	 lbs. Weight	 Rear Jets	 Front Jets	 Radial Jets	 # Tier
1012	1", 1 1/4"	80	32" - 120"	30.00" x 12.00"	115	12	---	---	3
1013	1", 1 1/4"	80	24" - 72"	22.80" x 10.00"	66	10	---	---	3
1015	1"	40	15" - 48"	19.68" x 8.66"	53	8	---	---	3
1017	1"	40	10" - 30"	15.74" x 7.87"	46	6	---	---	3
1018	3/4"	35	10" - 30"	15.74" x 7.87"	33	6	---	---	3

Forceful jet pattern and adjustable nozzle block

A high efficiency floor cleaner made of hardened stainless steel, the **Bagger Max 3D** nozzle includes an adjustable nozzle block that can be positioned vertically between 0° - 30° depending on your application. The power manifold has built in 3D fluid mechanics that produce an intense and forceful jet pattern resulting in outstanding excavation, traction and transportation of material—even under water! Roll over bars enable this nozzle to return to its correct position every time. One-piece ceramic inserts and a high-pressure swivel come standard on this nozzle.

FLOUNDER 3D



1377



1381



1378











 P/N	 Hose Con.	 Minimum/GPM	 Pipe Diameter	 L x W Dimensions	 lbs. Weight	 Rear Jets	 Front Jets	 Radial Jets	 # Tier
1377	1", 1 1/4"	80	15" - 60"	10.62" x 7.08"	37,47	10	---	---	3
1378	1"	50	12" - 40"	8.66" x 5.90"	20,94	8	---	---	3
1380	3/4"	30	10" - 24"	7.08" x 3.93"	9,5	6	---	---	3
1381	1/2"	12	4" - 12"	5.90" x 3.54"	6,61	4	---	---	3
1382	3/8"	6	2" - 4"	3.93" x 2.75"	2,2	4	---	---	3

Ideal for cleaning sand, mud and gravel

Flat, compact, heavy and wedge-shaped, the **Flounder 3D** nozzle is ideal for cleaning sand, dirt, mud, gravel and other material at the bottom of the pipe. The overall design, in combination with the 3D fluid mechanics, makes the cleaning process fast and effective.

COMBINATOR 3D



 P/N	 Hose Con.	 Minimum/GPM	 Pipe Diameter	 L x W Dimensions	 lbs. Weight	 Rear Jets	 Front Jets	 Radial Jets	 # Tier
1182	1", 1 1/4"	80	15" - 48"	7.87" x 4.72"	23,14	12	---	---	3
1186	1"	60	10" - 32"	7.08" x 4.33"	17,63	10	---	---	3
1187	1"	60	8" - 20"	6.10" x 3.93"	12,12	8	---	---	3
1188	3/4"	35	8" - 20"	6.10" x 3.93"	12,12	8	---	---	3

Spray angles for pipe cleaning and maintenance (15° /25°)

The **Combinator 3D** nozzle is produced from hardened stainless steel and includes 3D fluid mechanics and two different rear spray angles of 15° /25°. These spray angles are ideal for general pipe cleaning and preventative maintenance work. This nozzle comes standard with one-piece ceramic inserts.

ROCKET LARGE 3D



1157



1154











 P/N	 Hose Con.	 Minimum/GPM	 Pipe Diameter	 L x W Dimensions	 lbs. Weight	 Rear Jets	 Front Jets	 Radial Jets	 # Tier
1152	1½"	110	16" - 48"	10.23" x 6.29"	44,09	12	---	---	3
1154	1", 1¼"	80	12" - 32"	7.87" x 4.72"	20,94	10	---	---	3
1156	1"	60	10" - 24"	7.08" x 4.33"	17,63	8	---	---	3
1157	1"	60	8" - 20"	6.10" x 3.93"	11,46	8	---	---	3
1158	¾"	35	8" - 15"	6.10" x 3.93"	11,46	8	---	---	3

Rocket-like power!

The tight spray angle of 7° combined with one piece-ceramic inserts and 3D fluid mechanics produce incredible results. Constructed from hardened stainless steel, the **Rocket Nozzle 3D Large** has a powerful jet pattern can flush dirt, mud, rocks and other large or heavy material found in sewer or storm pipes.

3D RADIAL CLEAN NOZZLE













 P/N	 Hose Con.	 Minimum/GPM	 Pipe Diameter	 L x W Dimensions	 lbs. Weight	 Rear Jets	 Front Jets	 Radial Jets	 # Tier
1191	1½"	110	12" - 24"	12.40" x 7.48"	79,36	6	---	12	3
1190	1", 1¼"	80	10" - 20"	7.87" x 4.72"	20,94	5	---	10	3
1194	1"	60	8" - 15"	6.10" x 3.93"	12,12	6	---	6	3
1195	¾"	30	6" - 12"	4.92" x 3.14"	6,17	5	---	5	3

Powerful spray pattern leaves no streaks behind

Streaks are a thing of the past with the **3D Radial Clean Nozzle**! 3D fluid mechanics deliver smooth water to the rear 45° fan jets, creating a powerful 360° spray pattern capable of removing grease, scale, dirt and sand from pipe walls—without leaving streaks behind. The additional rear 15° propulsion jets move the nozzle up the line and help transport material back to the manhole. This high-performing nozzle is perfect before CCTV inspection.

TRI-JET 3D



 P/N	 Hose Con.	 Minimum/GPM	 Pipe Diameter	 L x W Dimensions	 lbs. Weight	 Rear Jets	 Front Jets	 Radial Jets	 # Tier
1225	1½"	110	16" - 48"	10.23" x 6.29"	44,09	15	---	---	3
1220	1", 1¼"	80	12" - 40"	7.87" x 4.72"	23,14	15	---	---	3
1218	1"	80	10" - 32"	7.08" x 4.33"	17,63	15	---	---	3
1213	1"	60	8" - 20"	6.10" x 3.93"	12,12	12	---	---	3
1213AL	1"	60	8" - 20"	6.10" x 3.93"	12,12	12	---	---	3
1210	¾"	50	4" - 12"	4.92" x 2.75"	4,85	12	---	---	3

A high-performance nozzle with options

The **Tri-Jet 3D**, available in aluminum or stainless steel, makes use of three different optimal rear spray angles, 7°/14°/21°. As an option, one of the spray angles can be blocked off all the way around the nozzle to focus the cleaning process on pulling, flushing or cleaning with the remaining two spray angles. This nozzle comes standard with one-piece ceramic inserts.

ROCKET NOZZLE 3D



1120



1120AL



1126



1128

P/N	Hose Con.	Minimum/GPM	Pipe Diameter	L x W Dimensions	lbs. Weight	Rear Jets	Front Jets	Radial Jets	# Tier
1121	1"	50	6" - 24"	4.92" x 3.14"	7.27	10	---	----	3
1120	1"	50	6" - 15"	4.92" x 2.75"	4.85	8	---	----	3
1120AL	1"	50	6" - 15"	4.92" x 2.75"	2.00	8	---	----	3
1126	3/4"	30	6" - 12"	3.74" x 2.36"	2.64	8	1	----	3
1128	1/2"	12	4" - 8"	2.36" x 1.57"	0.66	6	1	----	3

Small but powerful

The **Rocket Nozzle 3D** has a tight spray angle of 7°. This combined with the one piece-ceramic inserts and 3D fluid mechanics, produces incredible pulling power. Constructed from hardened stainless steel, the powerful jet pattern can flush dirt, mud, rocks and any other large heavy material you may find in sewer or storm pipes. "The 1" Rocket nozzle is also available in aluminum for hilly difficult terrain".

RADI 70 3D













1112



1114



1117

 P/N	 Hose Con.	 Minimum/GPM	 Pipe Diameter	 L x W Dimensions	 lbs. Weight	 Rear Jets	 Front Jets	 Radial Jets	 # Tier
1112	1"	80	10" - 32"	7.08" x 3.14"	9,70	10	1	10	3
1114	1"	60	6" - 24"	5.11" x 2.75"	4,85	8	1	8	3
1115	¾"	30	6" - 12"	3.74" x 2.36"	2,64	8	1	8	3
1117	½"	18	4" - 8"	2.36" x 1.57"	0,66	6	1	6	3

Multiple spray angles blast materials away
 3D fluid mechanics and multiple spray angles, including jets that are 70° perpendicular to the interior wall of the pipe, enable the **RADI 70 3D** to blast material off the pipe wall. The two remaining two spray angles of 15°/25° effectively propel the nozzle and clean the pipe. This nozzle comes standard with one-piece ceramic inserts.

STANDARD NOZZLE



1256













1260



1255



1262











 P/N	 Hose Con.	 Minimum/GPM	 Pipe Diameter	 L x W Dimensions	 lbs. Weight	 Rear Jets	 Front Jets	 Radial Jets	 # Tier
1251	1 1/4"	80	8" - 12"	3.14" x 2.36"	2,2	10	1	----	2
1256	1"	50	6" - 12"	3.14" x 2.16"	1,76	10	1	----	2
1255	1"	50	6" - 12"	2.04" x 2.28"	1,5	12	4	----	2
1257	3/4"	30	6" - 8"	2.55" x 1.69"	0,88	8	1	----	2
1259	3/4"	30	6" - 8"	2.55" x 1.69"	0,88	6	1	----	2
1260	1/2"	12	4" - 6"	1.18" x 1.96"	0,22	6	1	----	1
1262	1/2"	12	2" - 6"	1.06" x 1.25"	0,22	6	1	----	2
1268	3/8"	8	2" - 4"	1.37" x 0.98"	<0,22	6	1	----	1
1273	1/4"	3	up to 4"	0.78" x 0.78"	<0,22	6	1	----	1
1274	1/4"	3	up to 4"	0.78" x 0.78"	<0,22	6	1	----	1

A nozzle that sets new standards for cleaning smaller pipes

Compact, lightweight and inexpensive are three words that sum up the **Standard Nozzle**. Made from hardened stainless steel with a rear spray angle of 20°, this nozzle is perfect for cleaning smaller pipes. A front jet for penetration is also available.

CHISEL NOZZLE



 P/N	 Hose Con.	 Minimum/GPM	 Pipe Diameter	 L x W Dimensions	 lbs. Weight	 Rear Jets	 Front Jets	 Radial Jets	 # Tier
1316	1¼"	100	8" - 24"	7.08" x 3.34"	9,70	6	5	----	2
1317	1¼"	80	8" - 20"	6.29" x 2.95"	5,51	6	5	----	2
1318	1"	60	8" - 20"	6.29" x 2.95"	5,51	6	5	----	2
1319	1¼"	80	8" - 20"	3.93" x 2.36"	1,76	10	4	----	2
1320	1"	60	8" - 15"	3.74" x 2.36"	1,50	8	4	----	2
1323	¾"	30	6" - 12"	2.95" x 1.96"	0,66	6	4	----	2
1326	½"	12	4" - 8"	2.36" x 1.18"	0,33	6	4	----	1
1328	⅜"	12	2" - 4"	1.57" x 0.98"	<0,22	6	4	----	1
1330	¼"	6	2" - 4"	1.18" x 0.78"	<0,22	6	4	----	1

Reliable, powerful and effective at tough blockages

The **Chisel Nozzle** is a reliable sewer cleaning nozzle that is a must have! Sharp edges and multiple forward jets deliver powerful penetration to effectively open tough total blockages. A drill point can be added to the front of the Chisel as well.











RADIAL CHISEL NOZZLE



1313



1314

 P/N	 Hose Con.	 Minimum/GPM	 Pipe Diameter	 L x W Dimensions	 lbs. Weight	 Rear Jets	 Front Jets	 Radial Jets	 # Tier
1313	1"	80	8" - 20"	6.29" x 2.95"	5,51	6	5	6	2
1314	3/4"	30	6" - 12"	4.13" x 2.36"	2,42	6	5	6	2

Greater penetrating power that restores flow

The **Radial Chisel Nozzle** uses sharp edges, multiple forward-penetrating jets and radial spray jets at 70° to break up blockages from within. This nozzle is designed for ultimate penetrating power.

ROTOR NOZZLES



1350













1351



1357



1364











 P/N	 Hose Con.	 Minimum/GPM	 Pipe Diameter	 L x W Dimensions	 lbs. Weight	 Rear Jets	 Front Jets	 Radial Jets	 # Tier
1345	1 1/4"	100	10" - 20"	7.08" x 3.54"	14,1	6	---	3	2
1350	1"	80	6" - 15"	5.51" x 3.14"	9,25	6	---	3	2
1351	1"	40	6" - 12"	4.13" x 2.36"	3,30	6	---	3	2
1352	3/4"	30	6" - 10"	3.74" x 1.96"	3,30	6	---	3	2
1357	1/2"	12	4" - 8"	2.95" x 1.57"	1,10	3	---	3	2
1360	3/8"	6	2" - 6"	2.16" x 1.18"	0,66	3	---	3	2
1362	1/4"	6	2" - 6"	2.16" x 1.18"	0,66	3	---	3	2
1364	1/4"	6	Up to 4"	1.57" x 0.78"	0,33	3	---	---	1
1365	1/8"	3	Up to 4"	1.33" x 0.62"	0,22	3	---	---	1

Multi-angled inserts and rear propulsion jets remove and flush debris

Rotor Nozzles feature three one-piece ceramic inserts in the middle rotating section with spray angles of 90° /75° /60°, effectively removing grease, dirt and light roots from pipes. Rear propulsion jets help flush the debris. Constructed of hardened stainless steel, the nozzles include non-corrosive, low-maintenance rotating centers.

V-HAMMER



 P/N	 Hose Con.	 Minimum/GPM	 Pipe Diameter	 L x W Dimensions	 lbs. Weight	 Rear Jets	 Front Jets	 Radial Jets	 # Tier
1337	1"	40	6" - 12"	4.13" x 2.36"	3.08	6	---	3	2
1338	3/4"	30	6" - 10"	3.62" x 1.96"	1.76	6	---	3	2
1339	1/2"	12	4" - 8"	2.75" x 1.57"	1.32	3	---	3	2
1340	1/4"	6	up to 4"	2.16" x 1.18"	0.33	3	---	3	2
1341	3/8"	6	up to 4"	2.16" x 1.18"	0.33	3	---	3	2

Powerful impact for plastic pipes

The V-Hammer's middle rotor section generates vibration in plastic pipes to break up deposits and other hard materials that can then be flushed out. Less aggressive options for the top cap section are also available.

WARNING: Use in thick plastic pipes only!! NEVER use in clay, concrete or thin plastic pipes.

MINI T-CUTTERS












1979 Wolf



1997 CL



1995 Mini Turbo

 P/N	 Hose Con.	 Minimum/GPM	 Pipe Diameter	 L x W Dimensions	 lbs. Weight	 Rear Jets	 Turbine Jets	 # Tier
1979	1/2"	8	2" - 4"	3.38" x 1.37"	0.88	6	3	2
1995	1/2"	8	2" - 4"	3.07" x 1.37"	0.88	6	3	2
1997	1/2"	8	2" - 4"	3.54" x 1.37"	0.88	6	3	2

Mini turbine tools perfect for slight bends and lower pump outputs

Made from hardened stainless steel and designed for small pipes, **Mini T Cutters** are high-efficiency turbine tools that effectively remove roots and deposits and open blockages. Their small size enables the Mini T Cutters to navigate around slight bends. Most uniquely, the cutters can be reduced to 3/8 " and 1/4" for lower pump outputs.










TURBO 0



TURBO 0

A small chain cutter with multiple attachments

One of the smallest chain cutters offered by USB, the **Turbo 0** utilizes turbine technology and 3D fluid mechanics to deliver supreme cutting and cleaning power. Multiple chain attachments, and rigid guide skids 4" to 6" make the removal of roots, grease and mineral deposits much easier. This cutter is constructed from hardened stainless steel, comes standard with one-piece ceramic nozzle inserts and is capable of use with recycled water.

 P/N	 Hose Con.	 Minimum/GPM	 Pipe Diameter	 L x W Dimensions	 lbs. Weight	 Rear Jets	 Turbine Jets	 # Tier
2000	1/2"	12	4" - 6"	3.39" x 1.96"	0,88	3	3	3

TURBO 0 - SPECIAL CASE



2050

Turbo 0 CASE KIT

- Includes:
- 4" Guide Skid
 - 4" Chain retainer w/chain and bits
 - 6" Guide Skid
 - 6" Chain retainer w/chain and bits
 - Tools for cutter

TURBO 0 - ACCESSORIES



- 2001** Guide skid 4"
- 2003** Guide skid 6"



- 2010M** Chain retainer w/ chain and bits 4"
- 2012M** Chain retainer w/ chain and bits 6"



- 2010S** Chain w/ blocks 4"
- 2012S** Chain w/ blocks 6"



- 2035** Slide-thru chain retainer



- 2038** Block for chain



- 2020** 4ft Replacement chain










TURBO I



Outmatched cutting performance with 4"-6" rigid skids*

The **Turbo I** rigid chain cutter was engineered to be powerful, durable, user friendly and require low maintenance. This cutter uses turbine technology in combination with 3D fluid mechanics to deliver outmatched cutting performance in its operating range. Roots, grease and mineral deposits do not stand a chance against the Turbo I. Rigid guide skids are available from 4" to 6". The cutter comes standard with one-piece ceramic inserts and a high-pressure swivel and is capable of use with recycled water.

*Skids sold separately

 P/N	 Hose Con.	 Minimum/GPM	 Pipe Diameter	 L x W Dimensions	 lbs. Weight	 Rear Jets	 Turbine Jets	 # Tier
2100	1/2", 3/4"	14	4" - 6" ****	5.51" x 2.36"	2,64	3	3	3

TURBO I - SPECIAL CASE



2150

Turbo I CASE KIT

Includes:

- 4" Guide Skid
- 4" Chain retainer w/chain and bits
- 6" Guide Skid
- 6" Chain retainer w/chain and bits
- Tools for cutter

TURBO I - ACCESSORIES



- 2101** Guide skid 4"
- 2103** Guide skid 6"



- 2110M** Chain retainer w/ chain and bits 4"
- 2112M** Chain retainer w/ chain and bits 6"



- 2110S** Chain w/ blocks 4"
- 2112S** Chain w/ blocks 6"



- 2136** Slide-thru chain retainer



- 2138** Block for chain



- 2120** 4ft Replacement chain



- 2160** Diamond face cutter 4"
- 2164** Diamond face cutter 6"












- 2168** Center cap for face cutter



- 2170** Diamond barrel cutter 4"
- 2172** Diamond barrel cutter 5"
- 2175** Cap for barrel

TURBO III



	P/N	2300 - chain cutter w/tool box, one set of chains w/bits and tools for the cutter
	Hose Con.	3/4", 1", 1 1/4"
	Minimum/GPM	50
	Dimensions	28.34" x 9.25"
	Weight	44,09
	Pipe Diameter	10" - 20" up to 32" w/extension kit sold seperate
	Rear Jets	3
	Turbine Jets	3
	Tier	3

A heavy-duty cutter that leaves nothing in its path (flexible guide skid 10" - 20")

The **Turbo III** flexible chain cutter was engineered to be powerful, durable, user friendly and require low maintenance. Made from high quality stainless steel and aluminum, this heavy-duty cutter uses turbine technology in combination with 3D fluid mechanics to deliver unmatched cutting performance in its operating range. Roots, grease, mineral deposits and protruding taps do not stand a chance against this impressive cutter. The flexible guide skid is adjustable between 10" - 20" within 1/16", making it capable of handling offsets in the pipe. An extension kit increases the cutters operation up to 32". The cutter comes standard with one-piece ceramic inserts and a high-pressure swivel and is capable of use with recycled water.

TURBO III - ACCESSORIES



2310M	3 Piece set of chain w/bits 10"
2311M	3 Piece set of chain w/bits 12"
2312M	3 Piece set of chain w/bits 15"
2313M	3 Piece set of chain w/bits 18"
2314M	3 Piece set of chain w/bits 20"
2315M	6 Piece set of chain w/bits 24"
2316M	6 Piece set of chain w/bits 28"
2317M	6 Piece set of chain w/bits 30"
2318M	6 Piece set of chain w/bits 32"



2310D	3 Piece set of chain w/diamond bits 10"
2311D	3 Piece set of chain w/diamond bits 12"
2312D	3 Piece set of chain w/diamond bits 15"
2313D	3 Piece set of chain w/diamond bits 18"
2314D	3 Piece set of chain w/diamond bits 20"
2315D	3 Piece set of chain w/diamond bits 24"
2316D	3 Piece set of chain w/diamond bits 28"
2317D	3 Piece set of chain w/diamond bits 30"
2318D	3 Piece set of chain w/diamond bits 32"



2310S	3 Piece set of chain w/T-Hammer bits 10"
2311S	3 Piece set of chain w/T-Hammer bits 12"
2312S	3 Piece set of chain w/T-Hammer bits 15"
2313S	3 Piece set of chain w/T-Hammer bits 18"
2314S	3 Piece set of chain w/T-Hammer bits 20"
2315S	3 Piece set of chain w/T-Hammer bits 24"
2316S	3 Piece set of chain w/T-Hammer bits 28"
2317S	3 Piece set of chain w/T-Hammer bits 30"
2318S	3 Piece set of chain w/T-Hammer bits 32"



2336	Slide -thru chain retainer
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2320	6ft Replacement chain 16B
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2330	6ft Replacement chain 12B
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2604	Extension skids up to 32"
2370	Extension skids for Egg Shaped Pipe












2362	Chain retainer wheel small w/6 tabs for 12B and 16B up to 32"
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2344	Diamond tap cutter 10"
2345	Diamond tap cutter 12"
2346	Cap for barrel cutter

TURBIKIT 3D



 P/N	 Hose Con.	 Minimum/GPM	 Pipe Diameter	 L x W Dimensions	 lbs. Weight	 Rear Jets	 Turbine Jets	 # Tier
2400	½", ¾", 1"	14	4" – 8"	5.90" x 2.36"	3,3	6	3	2










2410	6ft Replacement chain
2411	3 Piece set of chains x 7 links 4"
2412	2 Piece set of chains x 9 links 6"
2413	3 Piece set of chains x 11 links 8"
2420	6ft Replacement screws M6 x 6

High strength open-link chain

Open-link chain makes the **Turbikit 3D** unique from other chain cutters offered by USB. Driven by a turbine technology, the high strength open link chain delivers extremely effective cutting power. The cutter can be used to remove roots and mineral deposits from the sewer pipe without a centralizing skid. The cutter comes standard with one-piece ceramic inserts and a high-pressure swivel and is capable of use with recycled water.

PIPE WOLF NOZZLE 3D



 P/N	 Hose Con.	 Minimum/GPM	 Pipe Diameter	 L x W Dimensions	 lbs. Weight	 Rear Jets	 Turbine Jets	 # Tier
1984	1", 1 1/4"	80	8" - 24"	7.48" x 3.74"	11,9	6	3	3
1982	1"	60	6" - 15"	6.29" x 2.83"	5,73	6	3	3
1982,75	3/4"	30	6" - 12"	6.29" x 2.83"	5,73	6	3	3
1980	1/2"	12	4" - 8"	4.56" x 2.12"	2,42	6	3	3

A beast for organic blockages

The **Pipe Wolf Nozzle 3D** is an extremely aggressive specialty tool perfect for total blockages that are made from organic material. A hardened, tapered head with sharp edges utilizes turbine technology and spins at approximately 10,000 rpms, boring a hole and opening up the blockage. This essential nozzle comes standard with one-piece ceramic inserts, can be used with recycled water and delivers in emergency situations.







<div> </div> <div>P/N</div>	<div> </div> <div>Hose Con.</div>	<div> </div> <div>Minimum/GPM</div>	<div> </div> <div>Pipe Diameter</div>	<div> </div> <div>Dimensions</div>	<div> </div> <div>Weight</div>	<div> </div> <div>Rear Jets</div>	<div> </div> <div>Front Jets</div>	<div> </div> <div>Radial Jets</div>	<div> </div> <div>Tier</div>
1974	1/2"	12	4" - 6"	3.70" x 1.57"	0,88	3	---	3	2
1975	1/4"	8	1" - 2"	2.75" x 1.18"	0,44	3	---	3	2
1976	3/8"	8	2" - 4"	2.75" x 1.18"	0,44	3	---	3	2
1977	1/4"	6	1" - 2"	1.65" x 0.78"	< .22	3	---	3	1

Two nozzles in one to pierce and penetrate blockages

USB combined two nozzles to create the **Rotor Wolf**! Designed for use in smaller pipes, the hardened tapered head with sharp edges effectively pierces and penetrates blockages fast. The middle 90° rotating jets spin the head as they clean the interior walls of the pipe.

STEERING NOZZLE













 P/N	 Hose Con.	 Minimum/GPM	 Pipe Diameter	 L x W Dimensions	 lbs. Weight	 Rear Jets	 Front Jets	 Radial Jets	 # Tier
1240	½"	12	3" - 8"	10.62" x 1.25"	0,22	4	4	---	2
1241	½"	12	3" - 8"	9.05" x 1.25"	0,55	6	4	---	2
1243	½"	12	3" - 8"	9.44" x 1.57"	0,99	6	4	---	2
1245	½"	12	3" - 8"	9.84" x 1.57"	1,54	3	4	3	2
1246	½"	12	3" - 8"	9.84" x 1.57"	1,43	3	4	3	2

A nozzle for navigating
 As the name suggest, the **Steering Nozzle** can be navigated into and through laterals and other branches. Simply twist your high-pressure hose to the left or right to direct the nozzle exactly where you want it to go.

ANTIBLASTER



 P/N	 Hose Con.	 Minimum/GPM	 Pipe Diameter	 L x W Dimensions	 lbs. Weight	 Rear Jets	 Front Jets	 Radial Jets	 # Tier
1198	1"	60	6" - 12"	4,52" x 2,75"	3,74	8	1	---	3
1198,75	3/4"	30	6" - 10"	4,52" x 2,75"	3,74	8	1	---	3
1199	1"	80	6" - 12"	4,52" x 2,75"	3,74	8	1	8	3
1200	1"	80	8" - 15"	5,90" x 3,93"	10,58	6	---	6	3

Smooth propulsion for shallow depths and pipes near homes

With a wide 35 and 70 degree spray angles, the Antiblaster nozzle is perfect for reducing the chances of blowing toilets. Constructed from hardened stainless steel, the nozzle was designed for cleaning pipes at a shallow depths and pipes that are adjacent to homes. The 3D fluid mechanics and one-piece ceramic inserts provide powerful cleaning and smooth propulsion. An optional front jet is also available.



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