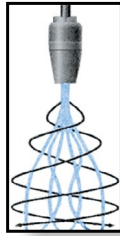


## Hydro Excavation Turbo Nozzles



Suttner has designed a **Rotating Turbo Nozzle** for the rigors of hydro excavation applications. Rotating, zero degree orifice is great for digging and soil movement. Unique, wear-resistant urethane cover features an extended outlet that gives added protection for the nozzle orifice from mud and dirt. Rated to 6,000 PSI and 190° F. Inlet port is 1/2" FPT.



This is how the Turbo Nozzle works.

Part No.	Nozzle	Inlet	Max. PSI
NP ST458H-3	3.0	1/2" FPT	6000
NP ST458H-4	4.0	1/2" FPT	6000
NP ST458H-5	5.0	1/2" FPT	6000
NP ST458H-6	6.0	1/2" FPT	6000
NP ST458H-8	8.0	1/2" FPT	6000
NP ST458H-10	10.0	1/2" FPT	6000
NP ST458H-12	12.0	1/2" FPT	6000

## GIANT Turbo/Laser Nozzles

Performance Under Pressure

**Giant Turbo Nozzles** give you 0° high pressure impact with a 25 degree angle spray coverage.

**Standard Features:** Heavy duty brass housing with polymer cover • High impact ceramic nozzle and seat for durable, long life • Composite material rotor for high temperatures • 1/4" or 1/2" FPT inlet • 3600 PSI Nozzles are rated to 194° F. and 5800 PSI Nozzles are rated to 195° F. **Note:** Repair kits are available.

Part No.	Inlet	Nozzle	Max. PSI
GU 22047	1/4"	2.0	3600
GU 22041	1/4"	3.5	3600
GU 22044	1/4"	4.0	3600
GU 22040	1/4"	4.5	3600
GU 22045	1/4"	5.0	3600
GU 22042	1/4"	5.5	3600
GU 22046	1/4"	6.0	3600
GU 22043	1/4"	7.0	3600
GU 22048	1/4"	8.0	3600
GU 22049	1/4"	10.0	3600
GU 22040-12	1/4"	12.0	3600
GU 22040-15	1/4"	15.0	3600
GU 22040-20	1/4"	20.0	3600
GU 22060-20	1/4"	2.0	6000
GU 22069	1/4"	3.0	6000
GU 22060-35	1/4"	3.5	6000
GU 22062	1/4"	4.0	6000
GU 22060	1/4"	4.5	6000
GU 22067	1/4"	5.0	6000
GU 22061	1/4"	5.5	6000
GU 22066	1/4"	6.0	6000
GU 22065	1/4"	6.5	6000
GU 22063	1/4"	7.0	6000
GU 22068	1/4"	8.0	6000
GU 22060-9	1/4"	9.0	6000
GU 22060-10	1/4"	10.0	6000
GU 22064	1/4"	12.0	6000
GU 22060-150	1/4"	15.0	6000
GU 22060-180	1/4"	18.0	6000
GU 22060-200	1/4"	20.0	6000
GU 22060A-40-08	1/2"	4.0	6000
GU 22060A-45-08	1/2"	4.5	6000
GU 22060A-50-08	1/2"	5.0	6000
GU 22060A-60-08	1/2"	6.0	6000
GU 22060A-70-08	1/2"	7.0	6000
GU 22060A-80-08	1/2"	8.0	6000
GU 22060A-12-08	1/2"	12.0	6000
GU 22060A-200	1/2"	20.0	6000
GU 22175	1/4" x 1/4"	Turbo Filter, 5100 ...	
GU 22175-08	1/2" x 1/4"	Turbo Filter, 5100 ..	
NP 33870	1/2" x 1/2"	Turbo Filter, 5000 ...	

**Note:** #22175 Filters will greatly extend nozzle life.



22060 Series



22040 Series

## SUTTNER Turbo Nozzles

Designed to provide a 200% cleaning efficiency increase over a 20 degree flat fan nozzle. The precision ceramic orifice and matching seat, along with the high strength forged brass housing, provide long-life with no gears, teeth or bearings to wear out. Inlet ports are 1/4" FPT. Maximum temperatures to 190 degrees F. on ST357 and 212° F. on all others. Effective cleaning coverage is comparable to a 20° pattern but with 0° impact.

Part No.	Nozzle	Inlet	Max. PSI
NP ST357-3	3.0	1/4" FPT	3625
NP ST357-35	3.5	1/4" FPT	3625
NP ST357-4	4.0	1/4" FPT	3625
NP ST357-45	4.5	1/4" FPT	3625
NP ST357-5	5.0	1/4" FPT	3625
NP ST357-55	5.5	1/4" FPT	3625
NP ST357-6	6.0	1/4" FPT	3625
NP ST357-7	7.0	1/4" FPT	3625
NP ST357-8	8.0	1/4" FPT	3625
NP ST357-9	9.0	1/4" FPT	3600
NP ST357-10	10.0	1/4" FPT	3600
NP ST456-3	3.0	1/4" FPT	5070
NP ST456-4	4.0	1/4" FPT	5070
NP ST456-45	4.5	1/4" FPT	5070
NP ST456-5	5.0	1/4" FPT	5070
NP ST456-55	5.5	1/4" FPT	5070
NP ST456-6	6.0	1/4" FPT	5070
NP ST456-7	7.0	1/4" FPT	5000
NP ST456-8	8.0	1/4" FPT	5070
NP ST457-3	3.0	1/4" FPT	6000
NP ST457-35	3.5	1/4" FPT	6000
NP ST457-4	4.0	1/4" FPT	6000
NP ST457-45	4.5	1/4" FPT	6000
NP ST457-5	5.0	1/4" FPT	6000
NP ST457-55	5.5	1/4" FPT	6000
NP ST457-6	6.0	1/4" FPT	6000
NP ST457-7	7.0	1/4" FPT	6000
NP ST457-8	8.0	1/4" FPT	6000
NP ST457-9	9.0	1/4" FPT	6000
NP ST457-10	10.0	1/4" FPT	6000
NP ST457-12	12.0	1/4" FPT	6000
NP ST457-15	15.0	1/4" FPT	6000
NP ST457-20	20.0	1/4" FPT	6000
NP ST457-25	25.0	1/4" FPT	6000
NP ST457-30	30.0	1/4" FPT	6000
NP ST457-8L	8.0	1/2" FPT	6000
NP ST457-10L	10.0	1/2" FPT	6000
NP ST457-12L	12.0	1/2" FPT	6000
NP ST457-15L	15.0	1/2" FPT	6000
NP ST457-20L	20.0	1/2" FPT	6000
NP ST457-25L	25.0	1/2" FPT	6000
NP ST457-30L	30.0	1/2" FPT	6000
NP ST559-2	2.0	1/4" FPT	8700
NP ST559-3	3.0	1/4" FPT	8700
NP ST559-4	4.0	1/4" FPT	8700
NP ST559-5	5.0	1/4" FPT	8700
NP ST559-6	6.0	1/4" FPT	8700
NP ST910	1/4" x 1/4"	Turbo Filter, 5000..	
NP 33870	1/2" x 1/2"	Turbo Filter, 5000..	

Repair Kits Available - Call Us for Details



ST357 ST457



ST456



ST559 (No Cover)

## Hydro Excavation Nozzles



Unique 8 degree **Hydro Excavation Nozzle** from Suttner. Tighter spray angle produces an extremely aggressive jet that works to depths not available from other rotating nozzles. Greatly increases digging efficiencies even through compact soils. Stainless steel body with ceramic seats. Inlet is 1/2" FPT. Length in 6". Rated to 5000 PSI and 190° F.



Part No.	Orifice	Maximum Pressure
NP ST556-8	8 degree turbo nozzle	8.0 5000 PSI
NP ST556-10	8 degree turbo nozzle	10.0 5000 PSI

## Rotomax Rotating Nozzles

**Rotomax Rotating Nozzles** from General Pumps are designed to improve the cleaning efficiency of any pressure washer. Produces a rotating action of a 15 degree pattern while providing the impact of a zero degree nozzle. Inlet is 1/4" FPT. Maximum temperature is 176° F. Overall length is 4.1"



Part No.	Color Coded	Nozzle #	Maximum PSI
IP MAX1	Red	4.0	3500
IP MAX2	Blue	5.0	3500
IP MAX3	Black	6.0	3500
IP MAX581	Red	3.5	5800
IP MAX583	Black	5.0	5800
IP 100579		Turbo Filters/Strainers.....	
IP 190040		Repair Kit for Rotomax Nozzles.....	