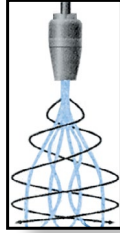
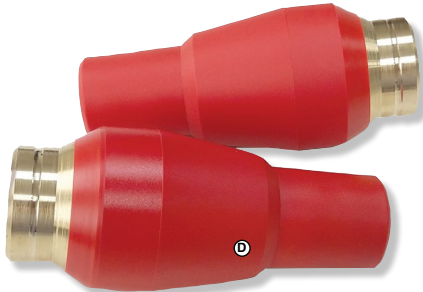


Hydro Excavation Turbo Nozzles



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-200-08	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



1/4" Inlet & 1/2" Inlet

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 ST457-3L	3.0	1/2" FPT	6000
NP ST457-35L	3.5	1/2" FPT	6000
NP ST457-4L	4.0	1/2" FPT	6000
NP ST457-45L	4.5	1/2" FPT	6000
NP ST457-5L	5.0	1/2" FPT	6000
NP ST457-55L	5.5	1/2" FPT	6000
NP ST457-6L	6.0	1/2" FPT	6000
NP ST457-7L	7.0	1/2" FPT	6000
NP ST457-8L	8.0	1/2" FPT	6000
NP ST457-9L	9.0	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..	

ST357

ST456

ST457

ST559 No Cover

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