



PROCESS
TECHNOLOGIES

Series 4651, 4659, and 4682 Nozzles

Burner designation	Bore dia. inches	Nozzle Part No. Heat Resistant Cast Iron	Nozzle Part No. Ni-Resist [Ⓢ]
4651-01	①	4651-01-BO	4651-01-N/BO
4651-0	②	4651-0-BO	4651-0-N/BO
4651-1-A	③	4651-1-A/BO	4651-1-AN/BO
4651-1-B	④	4651-1-B/BO	4651-1-BN/BO
4651-2-A	23/32	4651-2-A/BO	4651-2-AN/BO
4651-2-B	3/4	4651-2-B/BO	4651-2-BN/BO
4651-2-C	27/32	4651-2-C/BO	4651-2-CN/BO
4651-2-D	29/32	4651-2-D/BO	4651-2-DN/BO
4651-3-A	15/16	4651-3-A/BO	4651-3-AN/BO
4651-3-B	11/16	4651-3-B/BO	4651-3-BN/BO
4651-4-A	13/16	4651-4-A/BO	4651-4-AN/BO
4651-4-B	15/16	4651-4-B/BO	4651-4-BN/BO
4651-4-C	13/8	4651-4-C/BO	4651-4-CN/BO
4651-5-A	11/2	4651-5-A/BO	4651-5-AN/BO
4651-5-B	15/8	4651-5-B/BO	4651-5-BN/BO
4651-6-A	111/16	4651-6-A/BO	4651-6-AN/BO
4651-6-B	17/8	4651-6-B/BO	4651-6-BN/BO
4651-6-C	115/16	4651-6-C/BO	4651-6-CN/BO
4651-7-A	21/16	4651-7-A/BO	4651-7-AN/BO
4651-7-B	25/16	4651-7-B/BO	4651-7-BN/BO
4651-7-C	21/2	4651-7-C/BO	4651-7-CN/BO
4651-8-A	3	4651-8-A/BO	4651-8-AN/BO
4651-8-B	33/8	4651-8-B/BO	4651-8-BN/BO
4651-8-C	33/4	4651-8-C/BO	4651-8-CN/BO
4651-8-D	43/16	4651-8-D/BO	4651-8-DN/BO
4659-0-A	7/16	4659-0-A/BO	4659-0-AN/BO
4659-0-B	1/2	4659-0-B/BO	4659-0-BN/BO
4659-0-C	17/32	4659-0-C/BO	4659-0-CN/BO
4659-1-A	9/16	4659-1-A/BO	4659-1-AN/BO
4659-1-B	5/8	4659-1-B/BO	4659-1-BN/BO
4659-2-A	23/32	4659-2-A/BO	4659-2-AN/BO
4659-2-B	3/4	4659-2-B/BO	4659-2-BN/BO
4659-2-C	27/32	4659-2-C/BO	4659-2-CN/BO
4659-2-D	29/32	4659-2-D/BO	4659-2-DN/BO
4659-3-A	15/16	4659-3-A/BO	4659-3-AN/BO
4659-3-B	11/16	4659-3-B/BO	4659-3-BN/BO
4659-4-A	13/16	4659-4-A/BO	4659-4-AN/BO
4659-4-B	15/16	4659-4-B/BO	4659-4-BN/BO
4659-4-C	13/8	4659-4-C/BO	4659-4-CN/BO
4659-5-A	11/2	4659-5-A/BO	4659-5-AN/BO

Burner designation	Bore dia. inches	Nozzle Part No. Heat Resistant Cast Iron	Nozzle Part No. Ni-Resist [Ⓢ]
4659-5-B	15/8	4659-5-B/BO	4659-5-BN/BO
4659-6-A	111/16	4659-6-A/BO	4659-6-AN/BO
4659-6-B	17/8	4659-6-B/BO	4659-6-BN/BO
4659-6-C	115/16	4659-6-C/BO	4659-6-CN/BO
4659-7-A	21/16	4659-7-A/BO	4659-7-AN/BO
4659-7-B	25/16	4659-7-B/BO	4659-7-BN/BO
4659-7-C	21/2	4659-7-C/BO	4659-7-CN/BO
4682-0-A	25/64	4682-0-A/BO	4682-0-AN/BO
4682-0-B	29/64	4682-0-B/BO	4682-0-BN/BO
4682-0-C	31/64	4682-0-C/BO	4682-0-CN/BO
4682-1-A	35/64	4682-1-A/BO	4682-1-AN/BO
4682-1-B	19/32	4682-1-B/BO	4682-1-BN/BO
4682-2-A	11/16	4682-2-A/BO	4682-2-AN/BO
4682-2-B	47/64	4682-2-B/BO	4682-2-BN/BO
4682-2-C	51/64	4682-2-C/BO	4682-2-CN/BO
4682-2-D	53/64	4682-2-D/BO	4682-2-DN/BO
4682-3-A	29/32	4682-3-A/BO	4682-3-AN/BO
4682-3-B	63/64	4682-3-B/BO	4682-3-BN/BO
4682-4-A	11/8	4682-4-A/BO	4682-4-AN/BO
4682-4-B	11/4	4682-4-B/BO	4682-4-BN/BO
4682-4-C	15/16	4682-4-C/BO	4682-4-CN/BO
4682-5-A	17/16	4682-5-A/BO	4682-5-AN/BO
4682-5-B	19/16	4682-5-B/BO	4682-5-BN/BO
4682-6-A	15/8	4682-6-A/BO	4682-6-AN/BO
4682-6-B	113/16	4682-6-B/BO	4682-6-BN/BO
4682-6-C	17/8	4682-6-C/BO	4682-6-CN/BO
4682-7-A	2	4682-7-A/BO	4682-7-AN/BO
4682-7-B	21/4	4682-7-B/BO	4682-7-BN/BO
4682-7-C	27/16	4682-7-C/BO	4682-7-CN/BO
4682-8-A	317/64	4682-8-A/BO	4682-8-AN/BO
4682-8-B	319/32	4682-8-B/BO	4682-8-BN/BO
4682-8-C	43/16	4682-8-C/BO	4682-8-CN/BO
4682-8-D	41/4	4682-8-D/BO	4682-8-DN/BO
4682-9	53/8	4682-9/BO	4682-9-N/BO

- ① Six 5/32" dia. holes on a 7/16" dia. circle. (.386 dia. single port)
- ② Six #5 drill holes on a 0.614 dia. circle. (.533 dia. single port)
- ③ Six 0.242" dia. holes on a 13/16" dia. circle. (.562 dia. single port)
- ④ Six 0.272" dia. holes on a 13/16" dia. circle. (.625 dia. single port)
- Ⓢ Ni-Resist is a 17% nickel alloy suitable for 1350-1500 F metal temperatures.