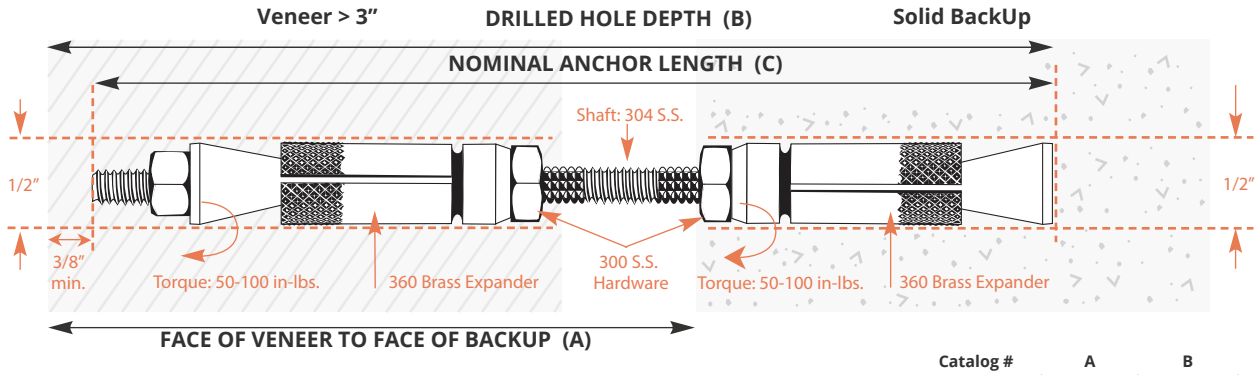
INSTALLATION

5000 SERIES ANCHOR
Installation procedure and criteria for solid backup

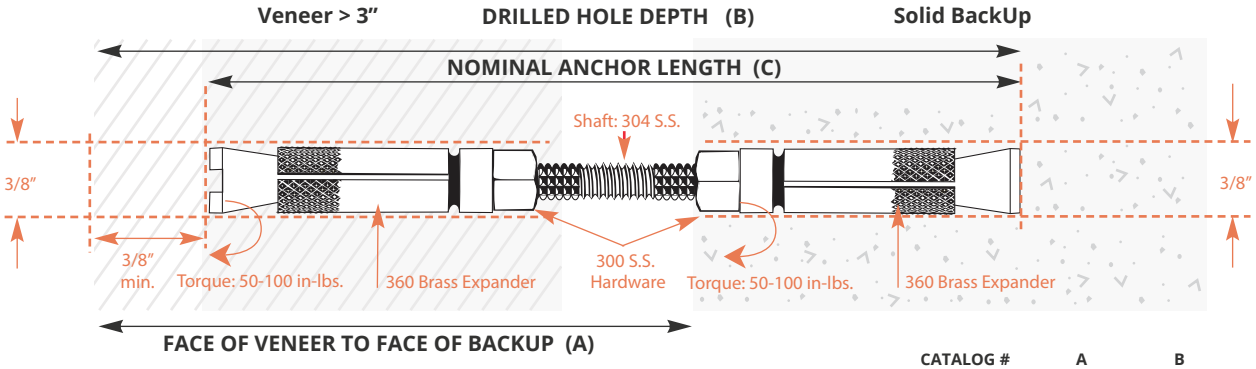


Catalog #	A	B	C
62200-550	4 – 5"	6	5 1/2"
62200-650	4 – 6"	7	6 1/2"
62200-750	4 – 7"	8	7 1/2"
62200-850	4 – 8"	9	8 1/2"

Other lengths available upon request

1. Select proper anchor length based on face of veneer to face of backup (dimension A).
2. Drill appropriate hole at "TEE" joint location to depth "B".
3. Blow out drill fines.
4. Assemble threaded portion of complete anchor assembly to the Grip-Tie 501 Setting Tool (Hex bolt on tool MUST be seated) thread shaft into tool until it stops.
5. Insert entire assembly into drilled hole until it bottoms, tighten 50 – 100 in-lbs, remove setting tool (Loosen bolt head on tool while holding tool firmly, spin tool from anchor).
6. Slide socket and adaptor onto the square drive of the 501 Tool, and onto the 5/16 hex nut of the installed anchor, tighten 50-100 in-lbs.
7. Remove socket and plug hole.

5000R SERIES ANCHOR
Installation procedure and criteria for solid backup



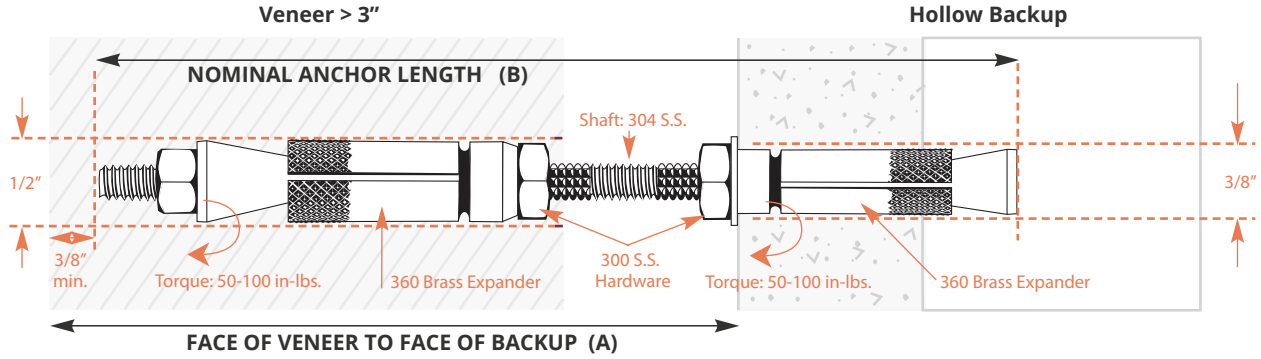
CATALOG #	A	B	C
62210-550	4 – 6"	6 1/2"	6"
62210-650	4 – 7"	7 1/2"	7"
62210-750	4 – 8"	8 1/2"	8"
62210-850	4 – 9"	9 1/2"	9"

Other lengths available upon request

1. Select proper anchor length based on face of veneer to face of back-up (dimension A).
2. Drill appropriate hole through mortar joint to depth illustrated (C).
3. Blow out drill fines.
4. Fit threaded shaft, with expander assembly opposite, to the 501R setting tool. (Hex bolt on tool MUST be seated) thread shaft into tool until it stops; Insert assembly into drilled hole until it bottoms; Tighten 50-100 in-lbs.
5. Remove tool by holding firmly and loosening the hex bolt, then spin tool off anchor shaft by hand.
6. Place outer brass shield over main body (slots facing outward) and slide over shaft until it stops against nut; Place slot of tapered cone onto the 501R tangs; Position tapered cone onto shaft and tighten 50-100 in-lbs.
7. Remove tool, patch hole.

INSTALLATION

5100 SERIES ANCHOR
Installation procedure and criteria for hollow backup

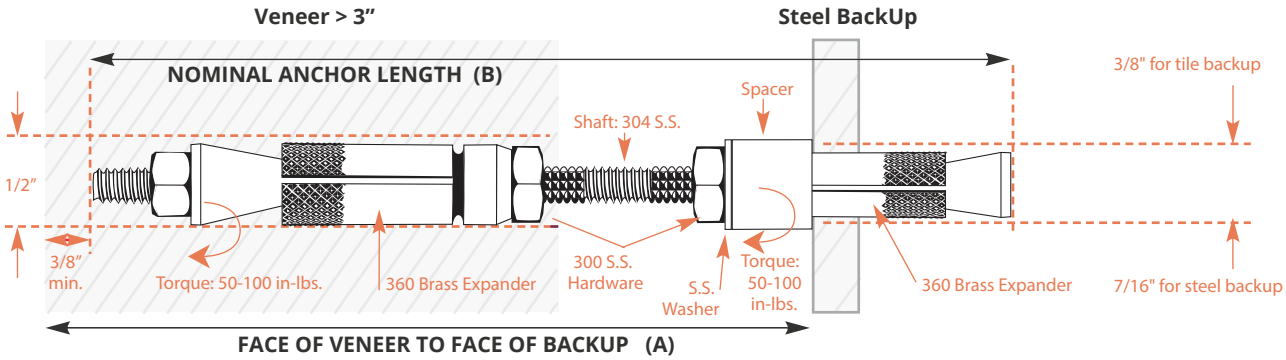


1. Select proper anchor length based on face of veneer to face of backup (dimension A).
2. Drill 1/2” hole through “tee” joint (no impact) and a 3/8” hole in the backup, at least 2" deep, using a 3-jaw chuck hammer drill on rotary-hammer mode, or a sds+ drill on rotary-only mode.
3. Blow out drill fines.
4. Assemble threaded portion of complete anchor assembly to the Grip-Tie 501 Setting Tool. (Hex bolt on the setting tool MUST be seated), thread shaft into setting tool until it stops; Insert assembly into drilled hole until it bottoms; tighten 50 – 100 in-lbs.
5. Remove tool by holding firmly and loosening the hex bolt, then spin tool off anchor shaft by hand.
6. Slide socket drive and adaptor onto the square drive of the 501 tool and on to the 5/16” nut of the installed anchor, tighten 50 – 100 in-lbs.
7. Remove socket, patch hole.

CATALOG #	A	B
62220-550	4 – 5”	5 1/2”
62220-650	5 – 6”	6 1/2”
62220-750	6 – 7”	7 1/2”
62220-850	7 – 8”	8 1/2”

Other lengths available upon request

5200 SERIES ANCHOR
Installation procedure and criteria for steel backup



1. Select proper anchor length based on face of veneer to face of backup (dimension A).
2. Drill 1/2” hole through mortar joint (no impact) and a 3/8" hole for tile backup, or 7/16” hole in the steel backup.
3. Blow out drill fines.
4. Assemble threaded portion of complete anchor assembly to the Grip-Tie 501 Setting Tool.
   (Hex bolt on the setting tool MUST be seated), thread shaft into setting tool until it stops; Insert assembly into drilled hole until it bottoms; tighten 50 – 100 in-lbs.
5. Remove tool by holding firmly and loosening the hex bolt, then spin tool off anchor shaft by hand.
6. Slide socket drive and adaptor onto the square drive of the 501 tool and on to the 5/16” nut of the installed anchor, tighten 50 – 100 in-lbs.
7. Remove socket, patch hole.

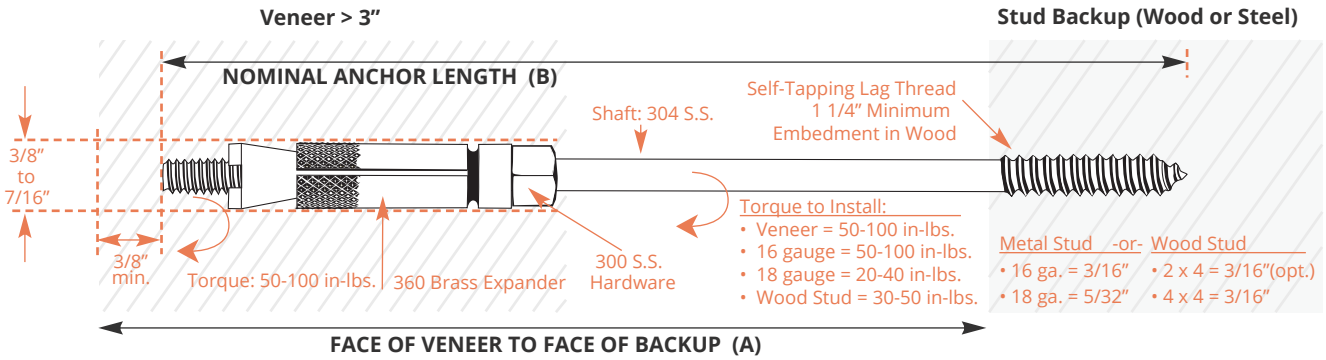
CATALOG #	A	B
62230-550	4 1/2 – 5 1/2”	5 1/2”
62230-650	5 1/2 – 6 1/2”	6 1/2”
62230-750	6 1/2 – 7 1/2”	7 1/2”
62230-850	7 1/2 – 8 1/2”	8 1/2”

Other lengths available upon request

INSTALLATION

5300R SERIES ANCHOR

Installation procedure and criteria for stud backup



1. Select proper anchor length based on face of veneer to face of backup (dimension A).
2. Drill appropriate hole in mortar joint at stud location using a rotary hammer or hammer drill. Rotary only in soft material.
3. Drill 3/8” hole through outer wythe of material.
   - For metal stud, a 5/32” pilot hole is needed for 18, 20 and 22 gauge stud, a pilot hole of 3/16” for 16 gauge and greater is required.
   - For wood stud backup, a pilot may not be needed, 3/16” if necessary.
4. Blow out excess drill fines.
5. Assemble threaded portion of anchor shaft to the Grip-Tie 501R Setting Tool. (Hex bolt on the setting tool must be fully seated) thread anchor shaft into setting tool until it stops.
6. Insert entire assembly into drilled hole until the pointed end of the shaft makes contact with the stud, firmly thread by hand in drilled hole backup.
7. Rotate tool clockwise and tighten backup anchor to torque listed in figure above and remove setting tool.
8. To remove setting tool, loosen bolt head while holding setting tool firmly, spin off by hand.
9. Insert the 501 RSP (unthreaded) setting tool over the exposed thread and into the slotted cone. Tighten to between 50-100 in-lbs.
10. Remove tool, patch hole.

CATALOG #	A	B
62250-450	4 – 5”	4 1/2”
62250-550	5 – 6”	5 1/2”
62250-650	6 – 7”	6 1/2”
62250-750	7 – 8”	7 1/2”
62250-850	8 – 9”	8 1/2”

Other lengths available upon request