

SOP-R SLEEVE

AVAILABLE MATERIALS

- Carbon steel, zinc plated
- 304 stainless steel on select sizes

FEATURES/ADVANTAGES

- Length of sleeve makes anchor more forgiving than a wedge anchor and induces less stress on the substrate
- Can be used in solid or hollow masonry
- Works in a bottomless hole
- Required hole diameter equals anchor diameter
- Supplied assembled with 4 possible head styles



CONCERNS

- Do not over-torque

APPROVALS/LISTINGS

- G.S.A. Spec FF-S-325C, Group II, Type 3, Class 3

AVAILABLE HEAD STYLES

ACORN NUT



HEX NUT



FLAT HEAD

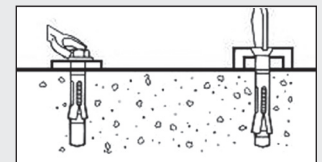
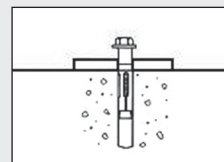
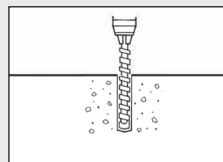


ROUND HEAD



INSTALLATION

- 1 Select a carbide-tip drill bit with same nominal diameter as anchor body. Drill hole depth 1/2" to 1" deeper than anchor embedment.
- 2 Clean hole of debris.
- 3 Set nut flush with top of anchor and drive anchor through material to be anchored into the work surface until nut and washer are snug with material to be attached.
- 4 Tighten nut until finger tight, then turn 3 to 4 full turns to set the expansion sleeve.



SUP-**R** SLEEVE CONTINUED

ORDER DETAIL

Carbon Steel Order Code	304 Stainless Steel Order Code	Anchor Diameter & Length	Hole Diameter	Max. Thk. Materials to be Anchored	Min. Embedment	Diameter Thread Stud	Required Torque to Set (ft. lbs.)	2000 P.S.I.		3500 P.S.I.		5000 P.S.I.		Box Qty.	Master Qty.
								Tension (lbs.)	Shear (lbs.)	Tension (lbs.)	Shear (lbs.)	Tension (lbs.)	Shear (lbs.)		
Acorn Nut															
1704000	—	1/4" x 5/8"	1/4"	1/16"	—	3/16"	5-8	—	—	—	—	—	—	100	1,200
1705000	1705SS0 ¹	1/4" x 1-3/8"	1/4"	3/8"	1"	3/16"	5-8	1,356	792	1,400	920	1,640	1,148	100	800
1706000	1706SS0 ¹	1/4" x 2-1/4"	1/4"	1-1/4"	1"	3/16"	5-8	1,356	792	1,400	920	1,640	1,148	100	800
Hex Nut															
1710000	1710SS0	5/16" x 1-1/2"	5/16"	1/8"	1-1/8"	1/4"	18-22	1,840	1,376	1,900	1,600	2,040	2,000	100	800
1711000	1711SS0	5/16" x 2-1/2"	5/16"	1-3/8"	1-1/8"	1/4"	18-22	1,840	1,376	1,900	1,600	2,040	2,000	100	500
1712000	1712SS0	3/8" x 1-7/8"	3/8"	5/8"	1-1/4"	5/16"	22-26	2,840	1,736	2,960	2,020	3,256	2,524	50	400
1713000	1713SS0	3/8" x 3"	3/8"	1-3/4"	1-1/4"	5/16"	22-26	2,840	1,736	2,960	2,020	3,256	2,524	50	250
1714000	1714SS0	1/2" x 2-1/4"	1/2"	3/4"	1-1/2"	3/8"	34-38	4,664	4,952	4,860	5,760	5,334	7,200	25	200
1715000	—	1/2" x 3"	1/2"	1-1/2"	1-1/2"	3/8"	34-38	4,664	4,952	4,860	5,760	5,334	7,200	25	200
1716000	1716SS0	1/2" x 4"	1/2"	2-1/2"	1-1/2"	3/8"	34-38	4,664	4,952	4,860	5,760	5,334	7,200	25	125
1717000	—	1/2" x 6"	1/2"	4-1/2"	1-1/2"	3/8"	34-38	4,664	4,952	4,860	5,760	5,334	7,200	15	75
1718000	—	5/8" x 2-1/4"	5/8"	1/4"	2"	1/2"	52-75	5,730	6,776	5,970	7,880	6,560	9,848	25	125
1724000	—	5/8" x 3"	5/8"	1"	2"	1/2"	52-75	5,730	6,776	5,970	7,880	6,560	9,848	15	120
1719000	1719SS0	5/8" x 4-1/4"	5/8"	2-1/4"	2"	1/2"	52-75	5,730	6,776	5,970	7,880	6,560	9,848	10	50
1720000	—	5/8" x 6"	5/8"	4"	2"	1/2"	52-75	5,730	6,776	5,970	7,880	6,560	9,848	10	50
1721000	1721SS0	3/4" x 2-1/2"	3/4"	1/2"	2"	5/8"	90-110	8,428	9,992	8,780	11,620	9,656	14,524	10	80
1722000	1722SS0	3/4" x 4-1/4"	3/4"	2-1/4"	2"	5/8"	90-110	8,428	9,992	8,780	11,620	9,656	14,524	5	40
1723000	—	3/4" x 6-1/4"	3/4"	4-1/4"	2"	5/8"	90-110	8,428	9,992	8,780	11,620	9,656	14,524	5	25
Flat Head															
1764000	—	1/4" x 1-1/2"	1/4"	1/2"	1"	3/16"	5-8	1,356	792	1,400	920	1,640	1,148	100	800
1765000	—	1/4" x 2"	1/4"	1"	1"	3/16"	5-8	1,356	792	1,400	920	1,640	1,148	100	800
1766000	—	1/4" x 3"	1/4"	2"	1"	3/16"	5-8	1,356	792	1,400	920	1,640	1,148	100	800
*1772000	—	3/8" x 2-3/4"	3/8"	1-1/2"	1-1/4"	5/16"	22-26	2,840	1,736	2,960	2,020	3,256	2,524	50	250
*1773000	1773SS0	3/8" x 4"	3/8"	2-3/4"	1-1/4"	5/16"	22-26	2,840	1,736	2,960	2,020	3,256	2,524	50	250
*1774000	—	3/8" x 5"	3/8"	3-3/4"	1-1/4"	5/16"	22-26	2,840	1,736	2,960	2,020	3,256	2,524	25	125
*1775000	—	3/8" x 6"	3/8"	4-3/4"	1-1/4"	5/16"	22-26	2,840	1,736	2,960	2,020	3,256	2,524	25	125
Round Head															
1788000	—	1/4" x 1-1/4"	1/4"	1/4"	1"	3/16"	5-8	1,356	792	1,400	920	1,640	1,148	100	800
1789000	—	1/4" x 2"	1/4"	1"	1"	3/16"	5-8	1,356	792	1,400	920	1,640	1,148	100	800
1795000	—	3/8" x 2-1/2"	3/8"	1-1/4"	1-1/4"	5/16"	22-26	2,840	1,736	2,960	2,020	3,256	2,524	50	400

* Phillips Head Only ¹Stainless Steel only available in hex nut type.