



**INTERNATIONAL
FASTENERS, INC.**

**Phillips Flat Head
Hi-Low Thread, Sharp Point
Blue Dagger-Guard Coating™**

| Size | TPI | Part # | QTY / Carton | Drive | Drill Bit Size | Usable Drill Length | Length ID |
|---------------|-----|---------------|--------------|-------------|----------------|---------------------|-----------|
| 3/16 x 1-1/4" | 16 | CONFB*0316114 | 4,000 | #2 Phillips | 5/32 x 3-1/2" | 2" | |
| 3/16 x 1-3/4" | 16 | CONFB*0316134 | 2,500 | #2 Phillips | 5/32 x 3-1/2" | 2" | A |
| 3/16 x 2-1/4" | 16 | CONFB*0316214 | 2,500 | #2 Phillips | 5/32 x 4-1/2" | 2-1/4" | B |
| 3/16 x 2-3/4" | 16 | CONFB*0316234 | 1,500 | #2 Phillips | 5/32 x 4-1/2" | 2-1/4" | C |
| 3/16 x 3-1/4" | 16 | CONFB*0316314 | 1,500 | #2 Phillips | 5/32 x 5-1/2" | 3-1/4" | D |
| 3/16 x 3-3/4" | 16 | CONFB*0316334 | 1,000 | #2 Phillips | 5/32 x 5-1/2" | 3-1/4" | E |
| 3/16 x 4" | 16 | CONFB*031640 | 1,000 | #2 Phillips | 5/32 x 6-1/2" | 4-1/4" | F |

material: C1022 Low Carbon Steel, Core Hardness: HRC32-40

finish: Dagger-Guard Coating™ is a three layer, multi step dip/spin/bake process which provides 1000 hour salt spray corrosion resistance

application: Wood to metal or un-cracked concrete, hollow block CMU, or grouted hollow block CMU

installation: Drill the hole using a standard carbide drill bit with the proper diameter. Do not use a hammer drill. Concrete and grouted CMU - drill the hole 1/4" deeper than recommended embedment. Hollow CMU - drill the hole through the full thickness of the face shell. Drive until fully seated, do not overdrive the anchor.

Meet or exceeds the following specifications:

NOA No. 22-0302.02

**MIAMI-DADE COUNTY
APPROVED**

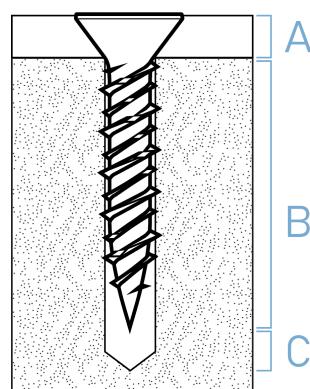
ASTM A510 Specification for general requirements for carbon steel wire rods (Minimum grade 1018)

ASTM B117 Standard practice for operating salt spray (fog) apparatus

ASTM G85 Standard practice for modified salt spray (fog) testing. annex 5 dilute electrolyte cyclic fog dry test

ASTM E488 Strength of anchors in concrete elements

| Anchor Diameter | Drill Bit Diameter | Substrate | H _{nom} (in.) | Min. Spacing (in.) | Min. Edge (in.) | PSI | Allowable Load (lbf) | |
|-----------------|--------------------|---------------|------------------------|--------------------|-----------------|------|----------------------|-------|
| | | | | | | | Tension | Shear |
| 3/16" | 5/32" | Concrete | 1-3/4" | 1" | 1-1/2" | 2600 | 310 | 225 |
| | | UngROUTED CMU | 1-1/4" | 1-1/8" | 1-1/2" | 2250 | 75 | 135 |
| | | Grouted CMU | 1-3/4" | 3" | 1-1/4" | 2500 | 190 | 175 |
| | | | 1-3/4" | 3" | 2-1/2" | 2500 | 205 | 175 |



CONFB0316 | Revision 1.0 | 07.17.25

A = fixture being attached | B = embedment | C = 1/4" minimum | B + C = depth of hole drilled



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|--------------|-----|-------------|--------------|-------------|----------------|---------------------|-----------|
| 1/4 x 1-1/4" | 14 | CONFB*14114 | 2,500 | #3 Phillips | 3/16 x 3-1/2" | 2" | |
| 1/4 x 1-3/4" | 14 | CONFB*14134 | 2,000 | #3 Phillips | 3/16 x 3-1/2" | 2" | A |
| 1/4 x 2-1/4" | 14 | CONFB*14214 | 1,500 | #3 Phillips | 3/16 x 4-1/2" | 3" | B |
| 1/4 x 2-3/4" | 14 | CONFB*14234 | 1,000 | #3 Phillips | 3/16 x 4-1/2" | 3" | C |
| 1/4 x 3-1/4" | 14 | CONFB*14314 | 1,000 | #3 Phillips | 3/16 x 5-1/2" | 4" | D |
| 1/4 x 3-3/4" | 14 | CONFB*14334 | 500 | #3 Phillips | 3/16 x 5-1/2" | 4" | E |
| 1/4 x 4" | 14 | CONFB*1440 | 500 | #3 Phillips | 3/16 x 6-1/2" | 5" | F |
| 1/4 x 5" | 14 | CONFB*1450 | 500 | #3 Phillips | 3/16 x 7-1/2" | 6" | H |
| 1/4 x 6" | 14 | CONFB*1460 | 500 | #3 Phillips | 3/16 x 7-1/2" | 6" | J |

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Meet or exceeds the following specifications:

NOA No. 22-0302.02

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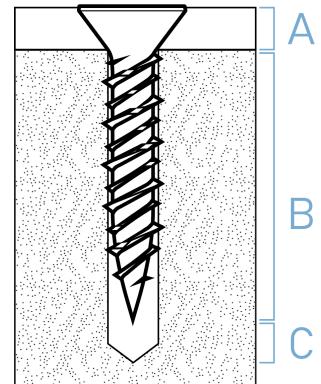
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| Anchor Diameter | Drill Bit Diameter | Substrate | H _{nom} (in.) | Min. Spacing (in.) | Min. Edge (in.) | PSI | Allowable Load (lbf) | |
|-----------------|--------------------|-----------|------------------------|--------------------|-----------------|------|----------------------|-------|
| | | | | | | | Tension | Shear |
| 1/4" | 3/16" | Concrete | 1" | 1-1/2" | 2-1/2" | 2600 | 175 | 290 |
| | | | 1-3/4" | 1-1/2" | 2-1/2" | 2600 | 445 | 290 |
| | Ungrouted CMU | 1-1/4" | 1-1/2" | 2-1/2" | 2-1/2" | 2250 | 120 | 210 |
| | | 1-3/4" | 4" | 1-1/4" | 2-1/2" | 2500 | 255 | 195 |
| | Grouted CMU | 1-3/4" | 4" | 2-1/2" | 2-1/2" | 2500 | 280 | 195 |
| | | | | | | | | |



CONFB14 | Revision 1.0 | 09.03.25

A = fixture being attached | B = embedment | C = 1/4" minimum | B + C = depth of hole drilled

These figures are offered only as a guide and are not guaranteed in any way by International Fasteners, Inc. Appropriate safety factors should be applied to these values for specific purposes. All International Fasteners, Inc. fasteners are manufactured to International Fasteners, Inc.'s performance specifications and print drawings.