



## HHCS - Hex Head Screw

Atkore’s hardware is designed to seamlessly integrate with our channel nuts, delivering strong, secure connections without the need for welding. From bolts to washers, each component works in sync to fasten channel assemblies quickly and reliably.

### Features

- 3/8" – 1/2" sizes available
- Set Screw
- Square Head

### Specifications:

- Dimensions conform to ASME B18.2.1
- Threads conform to ANSI B1.1, UNC-2A

### Installation Torque:

### Materials:

- Screws conform to SAE J429 GR 2 (exceeds ASTM A307).

### Finishes:

- **Electrogalvanized (EG):** Conforms to ASTM B633, Type III SC1
- **Unistrut Defender (DF):** Conforms to ASTM A1059

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### Materials & Finishes - Special Metals:

- **Stainless Steel, Type 316 (SS):** ASTM A240, Type 316 \*

\* These materials have different physical properties and performance characteristics. Please contact us for design support.

| Catalog Number | Trade Size | Material Type         | Surface Finish    | Part Weight (lb/ea) | Standard Package Weight (lb) |
|----------------|------------|-----------------------|-------------------|---------------------|------------------------------|
| HHCS050075E    |            | Steel                 | Defender          | 0.09                | 0.09                         |
| HHCS025044EG   | 1/4        | Steel                 | Electrogalvanized | 0.01                | 5                            |
| HHCS025050EG   | 1/4        | Steel                 | Electrogalvanized | 0.01                | 5                            |
| HHCS025075DF   | 1/4        | Steel                 | Defender          | 0.02                | 10                           |
| HHCS025075EG   | 1/4        | Steel                 | Electrogalvanized | 0.02                | 10                           |
| HHCS025075SS   | 1/4        | Stainless Steel - 304 |                   | 0.02                | 10                           |
| HHCS025075ST   | 1/4        | Stainless Steel - 316 |                   | 0.02                | 10                           |
| HHCS025100DF   | 1/4        | Steel                 | Defender          | 0.03                | 15                           |
| HHCS025100EG   | 1/4        | Steel                 | Electrogalvanized | 0.03                | 15                           |
| HHCS025100SS   | 1/4        | Stainless Steel - 304 |                   | 0.03                | 15                           |
| HHCS025100ST   | 1/4        | Stainless Steel - 316 |                   | 0.03                | 0.03                         |
| HHCS025125DF   | 1/4        | Steel                 | Defender          | 0.03                | 6                            |

| Catalog Number | Trade Size | Material Type         | Surface Finish    | Part Weight (lb/ea) | Standard Package Weight (lb) |
|----------------|------------|-----------------------|-------------------|---------------------|------------------------------|
| HHCS025125EG   | 1/4        | Steel                 | Electrogalvanized | 0.03                | 6                            |
| HHCS025125SS   | 1/4        | Stainless Steel - 304 |                   | 0.03                | 7.5                          |
| HHCS025150DF   | 1/4        | Steel                 | Defender          | 0.03                | 7.5                          |
| HHCS025150EG   | 1/4        | Steel                 | Electrogalvanized | 0.03                | 7.5                          |
| HHCS025150SS   | 1/4        | Stainless Steel - 304 |                   | 0.03                | 6                            |
| HHCS025150ST   | 1/4        | Stainless Steel - 316 |                   | 0.03                | 6                            |
| HHCS025200EG   | 1/4        | Steel                 | Electrogalvanized | 0.03                | 6                            |
| HHCS025200ST   | 1/4        | Stainless Steel - 316 |                   | 0.03                | 0.03                         |
| HHCS025225EG   | 1/4        | Steel                 | Electrogalvanized | 0.06                | 12                           |
| HHCS025275EG   | 1/4        | Steel                 | Electrogalvanized | 0.04                | 4                            |
| HHCS031075EG   | 5/16       | Steel                 | Electrogalvanized | 0.02                | 5                            |
| HHCS031125DF   | 5/16       | Steel                 | Defender          | 0.04                | 12                           |
| HHCS031125EG   | 5/16       | Steel                 | Electrogalvanized | 0.04                | 12                           |
| HHCS031150EG   | 5/16       | Steel                 | Electrogalvanized | 0.04                | 10                           |
| HHCS031200EG   | 5/16       | Steel                 | Electrogalvanized | 0.04                | 8                            |
| HHCS031325DF   | 5/16       | Steel                 | Defender          | 0.12                | 12                           |
| HHCS031325EG   | 5/16       | Steel                 | Electrogalvanized | 0.12                | 12                           |
| HHCS031400EG   | 5/16       | Steel                 | Electrogalvanized | 0.1                 | 10                           |
| HHCS037075EG   | 3/8        | Steel                 | Electrogalvanized | 0.04                | 10                           |
| HHCS037075SS   | 3/8        | Stainless Steel - 304 |                   | 0.04                | 10                           |
| HHCS037075ST   | 3/8        | Stainless Steel - 316 |                   | 0.04                | 10                           |
| HHCS037087EG   | 3/8        | Steel                 | Electrogalvanized | 0.05                | 12.5                         |
| HHCS037100DF   | 3/8        | Steel                 | Defender          | 0.05                | 12.5                         |
| HHCS037100EG   | 3/8        | Steel                 | Electrogalvanized | 0.05                | 12.5                         |
| HHCS037100SS   | 3/8        | Stainless Steel - 304 |                   | 0.05                | 12.5                         |
| HHCS037100ST   | 3/8        | Stainless Steel - 316 |                   | 0.05                | 12.5                         |
| HHCS037125EG   | 3/8        | Steel                 | Electrogalvanized | 0.06                | 9                            |
| HHCS037125SS   | 3/8        | Stainless Steel - 304 |                   | 0.06                | 9                            |
| HHCS037125ST   | 3/8        | Stainless Steel - 316 |                   | 0.06                | 9                            |
| HHCS037150DF   | 3/8        | Steel                 | Defender          | 0.06                | 15                           |
| HHCS037150EG   | 3/8        | Steel                 | Electrogalvanized | 0.06                | 15                           |
| HHCS037150SS   | 3/8        | Stainless Steel - 304 |                   | 0.06                | 12                           |
| HHCS037150ST   | 3/8        | Stainless Steel - 316 |                   | 0.06                | 9                            |
| HHCS037200EG   | 3/8        | Steel                 | Electrogalvanized | 0.08                | 8                            |
| HHCS037200SS   | 3/8        | Stainless Steel - 304 |                   | 0.1                 | 10                           |
| HHCS037200ST   | 3/8        | Stainless Steel - 316 |                   | 0.08                | 0.08                         |
| HHCS037225EG   | 3/8        | Steel                 | Electrogalvanized | 0.09                | 9                            |
| HHCS037250DF   | 3/8        | Steel                 | Defender          | 0.09                | 9                            |
| HHCS037250EG   | 3/8        | Steel                 | Electrogalvanized | 0.09                | 9                            |
| HHCS037250SS   | 3/8        | Stainless Steel - 304 |                   | 0.09                | 9                            |
| HHCS037275EG   | 3/8        | Steel                 | Electrogalvanized | 0.1                 | 5                            |
| HHCS037300EG   | 3/8        | Steel                 | Electrogalvanized | 0.1                 | 10                           |
| HHCS037325EG   | 3/8        | Steel                 | Electrogalvanized | 0.14                | 14                           |
| HHCS037350EG   | 3/8        | Steel                 | Electrogalvanized | 0.12                | 12                           |
| HHCS050094DF   | 1/2        | Steel                 | Defender          | 0.09                | 18                           |
| HHCS050094EG   | 1/2        | Steel                 | Electrogalvanized | 0.09                | 18                           |
| HHCS050094SS   | 1/2        | Stainless Steel - 304 |                   | 0.09                | 18                           |
| HHCS050100DF   | 1/2        | Steel                 | Defender          | 0.1                 | 20                           |

| Catalog Number | Trade Size | Material Type         | Surface Finish    | Part Weight (lb/ea) | Standard Package Weight (lb) |
|----------------|------------|-----------------------|-------------------|---------------------|------------------------------|
| HHCS050100EG   | ½          | Steel                 | Electrogalvanized | 0.1                 | 20                           |
| HHCS050100SS   | ½          | Stainless Steel - 304 |                   | 0.1                 | 20                           |
| HHCS050100ST   | ½          | Stainless Steel - 316 |                   | 0.1                 | 20                           |
| HHCS050119DF   | ½          | Steel                 | Defender          | 0.11                | 27.5                         |
| HHCS050119EG   | ½          | Steel                 | Electrogalvanized | 0.11                | 27.5                         |
| HHCS050119SS   | ½          | Stainless Steel - 304 |                   | 0.11                | 27.5                         |
| HHCS050125DF   | ½          | Steel                 | Defender          | 0.11                | 11                           |
| HHCS050125EG   | ½          | Steel                 | Electrogalvanized | 0.11                | 11                           |
| HHCS050125SS   | ½          | Stainless Steel - 304 |                   | 0.11                | 22                           |
| HHCS050125ST   | ½          | Stainless Steel - 316 |                   | 0.11                | 11                           |
| HHCS050150DF   | ½          | Steel                 | Defender          | 0.12                | 12                           |
| HHCS050150EG   | ½          | Steel                 | Electrogalvanized | 0.12                | 12                           |
| HHCS050150SS   | ½          | Stainless Steel - 304 |                   | 0.12                | 12                           |
| HHCS050150ST   | ½          | Stainless Steel - 316 |                   | 0.12                | 12                           |
| HHCS050175EG   | ½          | Steel                 | Electrogalvanized | 0.13                | 19.5                         |
| HHCS050175SS   | ½          | Stainless Steel - 304 |                   | 0.13                | 19.5                         |
| HHCS050200EG   | ½          | Steel                 | Electrogalvanized | 0.15                | 15                           |
| HHCS050200SS   | ½          | Stainless Steel - 304 |                   | 0.16                | 16                           |
| HHCS050200ST   | ½          | Stainless Steel - 316 |                   | 0.15                | 15                           |
| HHCS050225EG   | ½          | Steel                 | Electrogalvanized | 0.16                | 16                           |
| HHCS050250EG   | ½          | Steel                 | Electrogalvanized | 0.18                | 18                           |
| HHCS050250SS   | ½          | Stainless Steel - 304 |                   | 0.18                | 18                           |
| HHCS050275EG   | ½          | Steel                 | Electrogalvanized | 0.2                 | 20                           |
| HHCS050300EG   | ½          | Steel                 | Electrogalvanized | 0.23                | 23                           |
| HHCS050300SS   | ½          | Stainless Steel - 304 |                   | 0.1                 | 10                           |
| HHCS050350EG   | ½          | Steel                 | Electrogalvanized | 0.25                | 25                           |
| HHCS050350SS   | ½          | Stainless Steel - 304 |                   | 0.25                | 25                           |
| HHCS050450EG   | ½          | Steel                 | Electrogalvanized | 0.28                | 28                           |
| HHCS050450SS   | ½          | Stainless Steel - 304 |                   | 0.28                | 28                           |
| HHCS050500EG   | ½          | Steel                 | Electrogalvanized | 0.32                | 32                           |