Holo-Krome®
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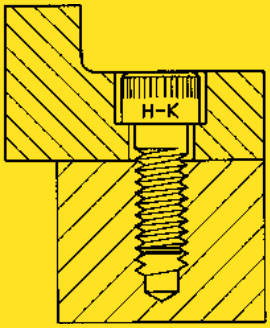
# PRODUCT DATA SHEET

## Socket Head Cap Screws




### Applications:

- Critical applications where high tensile strength is required
  180,000 psi min (0 - 1/2”) 170,000 psi min (over 1/2”)
- Applications requiring high temperature resistance, corrosion resistance and other special characteristics, special materials can be formed with the same process to provide the same benefits

### Benefits:

- Thermo-Forged® to insure proper grain flow
- High tensile strength fasteners
- Diameter and pitch markings found on each socket head cap screw
- Holo-Code® lot traceability number stamped on socket heads to allow tracking without the box
- High clamp load to resist lateral movement
- Precision 3A threads for greater clamping force
- Unified standard threads are Class 3A through 1” diameter with Holo-Krome controlled radius roots and radiused run-out
- Closely controlled fillet between head and body provides maximum fatigue strength
- Alloy steel for optimum tensile, impact strength and fatigue strength
- Inch Series: ASME/ANSI B18.3 and ASTM A574
- Metric Series: Reference ISO 4762

| DIAMETER | LENGTH UNDER HEAD | PRODUCT CODE NUMBER |
|---|---|---|
| **#2** (.086") 5/64" Key | 3/16" | **72002** |
| | 1/4" | **72004** |
| | 3/8" | **72006** |
| | 1/2" | **72008** |
| **#3** (.099") 5/64" Key | 3/16" | **72010** |
| | 1/4" | **72012** |
| | 3/8" | **72014** |
| | 1/2" | **72016** |
| **#4** (.112") 3/32" Key | 3/16" | **86150** |
| | 1/4" | **72018** |
| | 5/16" | **86154** |
| | 3/8" | **72020** |
| | 1/2" | **72022** |
| | 5/8" | **72024** |
| | 3/4" | **72026** |
| | 7/8" | **86172** |
| | 1" | **86176** |
| **#5** (.125") 3/32" Key | 1/4" | **72028** |
| | 3/8" | **72030** |
| | 1/2" | **72032** |
| | 5/8" | **72034** |
| | 3/4" | **72036** |
| **#6** (.138") 7/64" Key | 1/4" | **72038** |
| | 3/8" | **72040** |
| | 1/2" | **72042** |
| | 5/8" | **72044** |
| | 3/4" | **72046** |
| | 7/8" | **72048** |
| | 1" | **72050** |
| | 1-1/4" | **86288** |
| | 1-1/2" | **86292** |
| | 1-3/4" | **86296** |
| | 2" | **86300** |
| **#8** (.164") 9/64" Key | 1/4" | **72052** |
| | 3/8" | **72054** |
| | 1/2" | **72056** |
| | 5/8" | **72058** |
| | 3/4" | **72060** |
| | 7/8" | **72062** |
| | 1" | **72064** |
| | 1-1/4" | **72066** |
| | 1-1/2" | **72068** |
| | 1-3/4" | **86362** |
| | 2" | **86364** |
| | 2-1/2" | **86368** |
| **#10** (.190") 5/32" Key | 1/4" | **86424** |
| | 3/8" | **72070** |
| | 1/2" | **72072** |
| | 5/8" | **72074** |
| | 3/4" | **72076** |
| | 7/8" | **72078** |
| | 1" | **72080** |
| | 1-1/4" | **72082** |
| | 1-1/2" | **72084** |
| | 1-3/4" | **72086** |
| | 2" | **72088** |
| | 2-1/4" | **86440** |
| | 2-1/2" | **86442** |
| **1/4"** (.250") 3/16" Key | 1/4" | **86526** |
| | 3/8" | **72090** |
| | 1/2" | **72092** |
| | 5/8" | **72094** |
| | 3/4" | **72096** |
| | 7/8" | **72098** |
| | 1" | **72100** |
| | 1-1/4" | **72102** |
| | 1-1/2" | **72104** |
| | 1-3/4" | **72106** |
| | 2" | **72108** |
| | 2-1/4" | **72110** |
| | 2-1/2" | **72112** |
| | 2-3/4" | **72114** |

| DIAMETER | LENGTH UNDER HEAD | PRODUCT CODE NUMBER |
|---|---|---|
| **1/4"** (.250") 3/16" Key | 3" | **72116** |
| | 3-1/4" | **86576** |
| | 3-1/2" | **72117** |
| | 3-3/4" | **86580** |
| | 4" | **72115** |
| **5/16"** (.312") 1/4" Key | 1/2" | **72120** |
| | 5/8" | **72122** |
| | 3/4" | **72124** |
| | 7/8" | **72126** |
| | 1" | **72128** |
| | 1-1/4" | **72130** |
| | 1-1/2" | **72132** |
| | 1-3/4" | **72134** |
| | 2" | **72136** |
| | 2-1/4" | **72138** |
| | 2-1/2" | **72140** |
| | 2-3/4" | **72142** |
| | 3" | **72144** |
| | 3-1/4" | **72146** |
| | 3-1/2" | **72148** |
| | 4" | **86646** |
| **3/8"** (.375") 5/16" Key | 1/2" | **72150** |
| | 5/8" | **72152** |
| | 3/4" | **72154** |
| | 7/8" | **72156** |
| | 1" | **72158** |
| | 1-1/4" | **72160** |
| | 1-1/2" | **72162** |
| | 1-3/4" | **72164** |
| | 2" | **72166** |
| | 2-1/4" | **72168** |
| | 2-1/2" | **72170** |
| | 2-3/4" | **72172** |
| | 3" | **72174** |
| | 3-1/4" | **72176** |
| | 3-1/2" | **72178** |
| | 4" | **72180** |
| | 4-1/2" | **72182** |
| | 5" | **72184** |
| | 5-1/2" | **86688** |
| | 6" | **72185** |
| **7/16"** (.437") 3/8" Key | 3/4" | **72190** |
| | 7/8" | **72192** |
| | 1" | **72194** |
| | 1-1/4" | **72196** |
| | 1-1/2" | **72198** |
| | 1-3/4" | **72200** |
| | 2" | **72202** |
| | 2-1/4" | **72204** |
| | 2-1/2" | **72206** |
| | 2-3/4" | **72208** |
| | 3" | **72210** |
| | 3-1/2" | **72214** |
| | 4" | **72216** |
| | 4-1/2" | **72271** |
| | 5" | **86724** |
| **1/2"** (.500") 3/8" Key | 1/2" | **72218** |
| | 5/8" | **72220** |
| | 3/4" | **72222** |
| | 7/8" | **72224** |
| | 1" | **72226** |
| | 1-1/4" | **72228** |
| | 1-1/2" | **72230** |
| | 1-3/4" | **72232** |
| | 2" | **72234** |
| | 2-1/4" | **72236** |
| | 2-1/2" | **72238** |
| | 2-3/4" | **72240** |
| | 3" | **72242** |
| | 3-1/4" | **72244** |
| | 3-1/2" | **72246** |
| | 3-3/4" | **72247** |

| DIAMETER | LENGTH UNDER HEAD | PRODUCT CODE NUMBER |
|---|---|---|
| **1/2"** (.500") 3/8" Key | 4" | **72248** |
| | 4-1/2" | **72250** |
| | 5" | **72252** |
| | 5-1/2" | **72254** |
| | 6" | **72256** |
| | 6-1/2" | **72258** |
| | 7" | **72260** |
| | 8" | **72262** |
| **5/8"** (.625") 1/2" Key | 1" | **72264** |
| | 1-1/4" | **72266** |
| | 1-1/2" | **72268** |
| | 1-3/4" | **72270** |
| | 2" | **72272** |
| | 2-1/4" | **72274** |
| | 2-1/2" | **72276** |
| | 2-3/4" | **72278** |
| | 3" | **72280** |
| | 3-1/4" | **72282** |
| | 3-1/2" | **72284** |
| | 4" | **72286** |
| | 4-1/2" | **72288** |
| | 5" | **72290** |
| | 5-1/2" | **72292** |
| | 6" | **72294** |
| | 6-1/2" | **72296** |
| | 7" | **72298** |
| | 8" | **72300** |
| **3/4"** (.750") 5/8" Key | 1-1/4" | **72302** |
| | 1-1/2" | **72304** |
| | 1-3/4" | **72306** |
| | 2" | **72308** |
| | 2-1/4" | **72310** |
| | 2-1/2" | **72312** |
| | 2-3/4" | **72314** |
| | 3" | **72316** |
| | 3-1/4" | **72318** |
| | 3-1/2" | **72320** |
| | 3-3/4" | **72321** |
| | 4" | **72322** |
| | 4-1/2" | **72324** |
| | 5" | **72326** |
| | 5-1/2" | **72328** |
| | 6" | **72330** |
| | 6-1/2" | **72332** |
| | 7" | **72334** |
| | 8" | **72336** |
| **7/8"** (.875") 3/4" Key | 2" | **72338** |
| | 2-1/4" | **72340** |
| | 2-1/2" | **72342** |
| | 2-3/4" | **72344** |
| | 3" | **72346** |
| | 3-1/4" | **72348** |
| | 3-1/2" | **72350** |
| | 4" | **72352** |
| | 4-1/2" | **72354** |
| | 5" | **72356** |
| | 5-1/2" | **72358** |
| | 6" | **72360** |
| | 7" | **72364** |
| | 8" | **72366** |
| **1"** (1.000") 3/4" Key | 2" | **72368** |
| | 2-1/4" | **72370** |
| | 2-1/2" | **72372** |
| | 2-3/4" | **72374** |
| | 3" | **72376** |
| | 3-1/4" | **72378** |
| | 3-1/2" | **72380** |
| | 4" | **72382** |
| | 4-1/2" | **72384** |
| | 5" | **72386** |
| | 5-1/2" | **72388** |
| | 6" | **72390** |

| DIAMETER | LENGTH UNDER HEAD | PRODUCT CODE NUMBER |
|---|---|---|
| **1"** (1.000") 3/4" Key | 6-1/2" | **72392** |
| | 7" | **72394** |
| | 8" | **72396** |
| **1-1/4"** (1.250") 7/8" Key | 3" | **72400** |
| | 3-1/2" | **72402** |
| | 4" | **72404** |
| | 4-1/2" | **72406** |
| | 5" | **72408** |
| | 5-1/2" | **72410** |
| | 6" | **72412** |
| | 6-1/2" | **72414** |
| | 7" | **72416** |
| | 8" | **72418** |
| | 9" | **72420** |
| | 10" | **72422** |
| | 11" | **72424** |
| **1-1/2"** (1.500") 1" Key | 3-1/2" | **72428** |
| | 4" | **72430** |
| | 4-1/2" | **72432** |
| | 5" | **72434** |
| | 5-1/2" | **72436** |
| | 6" | **72438** |
| | 6-1/2" | **72440** |
| | 7" | **72442** |
| | 8" | **72444** |

## Socket Head Cap Screws

### Also Available In:

- **UNRF**
- **Metric**
- **Stainless**