



**HOLO-KROME®**

**The Difference is Easy To See**

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## PRODUCT DATA SHEET

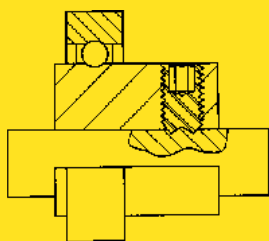


# Socket Set Screws

### Applications - Set Screws



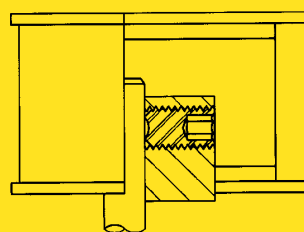
**Cup Point**



- The most commonly used point style
- Is commonly used for the fast permanent or semi-permanent assembly of parts; such as collars, pulleys, gears or bearings on shafting of hardness up to within 10 to 15 Rockwell C points of the screw hardness and where the digging in of the point is not undesirable



**Internal Knurl Point**



- Smaller turning radius of the internal knurl point means; more of the tightening torque is converted directly into the force needed to penetrate the shaft instead of being wasted moving material circumferentially. The deeper penetration means greater holding power. With the knurl on the inside of the cup point any chips which might dislodge during tightening are trapped within the cup. They cannot shake loose and cause damage in applications demanding cleanliness.
- The forged counter clockwise knurl provides a ratchet-type of self locking action useable even with shafting of hardness within 10 to 15 Rockwell C points of the screw hardness.

### Benefits:

- Holo-Krome Thermo-Forged® Socket Set Screws provide a deep socket with smooth walls with no broaching chips
- Inch Series: Meets ASME/ANSI B18.3 and ASTM F912
- Class 3A thread fit
- Holo-Krome Set Screws are provided in various styles — cup point and Holo-Knurl®

# Cup Point Socket Set Screw

# Holo-Knurl Socket Set Screw

| DIAMETER                                          | LENGTH<br>UNDER<br>HEAD | PRODUCT<br>CODE NUMBER |       | DIAMETER                                          | LENGTH<br>UNDER<br>HEAD | PRODUCT<br>CODE NUMBER |       | DIAMETER                                          | LENGTH<br>UNDER<br>HEAD | PRODUCT<br>CODE NUMBER |       |
|---------------------------------------------------|-------------------------|------------------------|-------|---------------------------------------------------|-------------------------|------------------------|-------|---------------------------------------------------|-------------------------|------------------------|-------|
|                                                   |                         | UNRC                   | UNRF  |                                                   |                         | UNRC                   | UNRF  |                                                   |                         | UNRC                   | UNRF  |
| #4<br>(.112")<br>40 UNC<br>48 UNF<br>.050" Key    | 1/8"                    | 32020                  | 33020 | 3/8"<br>(.375")<br>16 UNC<br>24 UNF<br>3/16" Key  | 1/4"                    | 32164                  | 33104 | #4<br>(.112")<br>40 UNC<br>.050" Key              | 1/8"                    | 42002                  | -     |
|                                                   | 3/16"                   | 32022                  | 33022 |                                                   | 3/8"                    | 32168                  | 33106 |                                                   |                         |                        |       |
|                                                   | 1/4"                    | 32024                  | 33024 |                                                   | 7/16"                   | 32170                  | -     |                                                   |                         |                        |       |
|                                                   | 5/16"                   | 32026                  | -     |                                                   | 1/2"                    | 32172                  | 33108 |                                                   |                         |                        |       |
|                                                   | 3/8"                    | 32028                  | -     |                                                   | 5/8"                    | 32174                  | 33110 |                                                   |                         |                        |       |
|                                                   | 1/2"                    | 32030                  | -     |                                                   | 3/4"                    | 32176                  | 33112 |                                                   |                         |                        |       |
| #5<br>(.125")<br>40 UNC<br>44 UNF<br>1/16" Key    | 5/8"                    | 32032                  | -     | 7/16"<br>(.437")<br>14 UNC<br>20 UNF<br>7/32" Key | 7/8"                    | 32178                  | -     | #6<br>(.138")<br>32 UNC<br>40 UNF<br>1/16" Key    | 1/8"                    | 42008                  | 43006 |
|                                                   | 1/8"                    | 32034                  | 33026 |                                                   | 1"                      | 32180                  | 33114 |                                                   | 3/16"                   | 42010                  | -     |
|                                                   | 3/16"                   | 32036                  | -     |                                                   | 1-1/4"                  | 32182                  | 33116 |                                                   | 1/4"                    | 42012                  | -     |
|                                                   | 1/4"                    | 32038                  | -     |                                                   | 1-1/2"                  | 32184                  | 33118 |                                                   |                         |                        |       |
|                                                   | 5/16"                   | 32040                  | -     |                                                   | 1-3/4"                  | 32186                  | -     |                                                   |                         |                        |       |
|                                                   | 3/8"                    | 32042                  | -     |                                                   | 2"                      | 32188                  | -     |                                                   |                         |                        |       |
| #6<br>(.138")<br>32 UNC<br>40 UNF<br>1/16" Key    | 1/2"                    | 32044                  | -     | 5/8"                                              | 2-1/2"                  | 32190                  | -     | #8<br>(.164")<br>32 UNC<br>5/64" Key              | 1/8"                    | 42014                  | -     |
|                                                   | 5/8"                    | 32046                  | -     |                                                   | 3/8"                    | 32192                  | 33120 |                                                   | 3/16"                   | 42016                  | -     |
|                                                   | 3/4"                    | 32048                  | -     |                                                   | 7/16"                   | 32194                  | 33122 |                                                   | 1/4"                    | 42018                  | -     |
|                                                   | 1/8"                    | 32050                  | 33032 |                                                   | 1/2"                    | 32196                  | 33124 |                                                   | 3/8"                    | 42020                  | -     |
|                                                   | 3/16"                   | 32052                  | 33034 |                                                   | 5/8"                    | 32198                  | -     |                                                   |                         |                        |       |
|                                                   | 1/4"                    | 32054                  | 33036 |                                                   | 3/4"                    | 32200                  | -     | #10<br>(.190")<br>24 UNC<br>32 UNF<br>3/32" Key   |                         |                        |       |
| #8<br>(.164")<br>32 UNC<br>36 UNF<br>5/64" Key    | 5/16"                   | 32056                  | -     | 1/2"<br>(.500")<br>13 UNC<br>20 UNF<br>1/4" Key   | 7/8"                    | 32202                  | -     |                                                   | 3/16"                   | -                      | 43008 |
|                                                   | 3/8"                    | 32058                  | 33040 |                                                   | 1"                      | 32204                  | -     |                                                   | 1/4"                    | 42024                  | 43010 |
|                                                   | 1/2"                    | 32060                  | -     |                                                   | 1-1/4"                  | 32206                  | -     |                                                   | 3/8"                    | -                      | 43012 |
|                                                   | 5/8"                    | 32062                  | -     |                                                   | 1-1/2"                  | 32208                  | -     |                                                   | 1/2"                    | -                      | 43014 |
|                                                   | 3/4"                    | 32064                  | -     |                                                   | 2"                      | 32210                  | -     | 1/4"<br>(.250")<br>20 UNC<br>28 UNF<br>1/8" Key   |                         |                        |       |
|                                                   | 7/8"                    | 32066                  | -     | 5/8"<br>(.625")<br>11 UNC<br>18 UNF<br>5/16" Key  | 3"                      | 32234                  | -     |                                                   | 3/16"                   | 42026                  | 43016 |
| #10<br>(.190")<br>24 UNC<br>32 UNF<br>3/32" Key   | 1"                      | 32068                  | -     |                                                   | 1/2"                    | 32236                  | -     |                                                   | 1/4"                    | 42028                  | 43018 |
|                                                   | 3/16"                   | 32070                  | 33042 |                                                   | 5/8"                    | 32238                  | 33132 |                                                   | 5/16"                   | 42030                  | 43020 |
|                                                   | 3/16"                   | 32072                  | 33044 |                                                   | 3/4"                    | 32240                  | -     |                                                   | 3/8"                    | 42032                  | 43022 |
|                                                   | 1/4"                    | 32074                  | 33046 |                                                   | 1"                      | 32242                  | 33134 |                                                   | 20 UNC                  | 42034                  | -     |
|                                                   | 5/16"                   | 32076                  | -     |                                                   | 1-1/4"                  | 32244                  | -     |                                                   | 28 UNF                  | 42036                  | -     |
|                                                   | 3/8"                    | 32078                  | 33050 |                                                   | 1-1/2"                  | 32246                  | -     | 5/16"<br>(.312")<br>18 UNC<br>24 UNF<br>5/32" Key | 1/2"                    | 42042                  | 43028 |
| #8<br>(.164")<br>32 UNC<br>36 UNF<br>5/64" Key    | 7/16"                   | 32080                  | -     | 3/4"<br>(.750")<br>10 UNC<br>3/8" Key             | 1-3/4"                  | 32248                  | -     |                                                   | 5/8"                    | 42044                  | -     |
|                                                   | 1/2"                    | 32082                  | -     |                                                   | 2"                      | 32250                  | -     |                                                   | 3/4"                    | 42045                  | -     |
|                                                   | 5/8"                    | 32084                  | -     |                                                   | 2-1/2"                  | 32252                  | -     |                                                   | 1"                      | 42046                  | -     |
|                                                   | 3/4"                    | 32086                  | -     |                                                   | 3"                      | 32254                  | -     |                                                   | 3/8"                    | 42047                  | 43032 |
|                                                   | 7/8"                    | 32088                  | -     |                                                   | 5/8"                    | 32256                  | -     |                                                   | 1/2"                    | 42048                  | 43034 |
|                                                   | 1"                      | 32090                  | -     |                                                   | 3/4"                    | 32258                  | -     | 3/8"<br>(.375")<br>16 UNC<br>24 UNF<br>3/16" Key  | 3/4"                    | 42049                  | -     |
| #10<br>(.190")<br>24 UNC<br>32 UNF<br>3/32" Key   | 3/16"                   | 32092                  | 33054 | 7/8"<br>(.875")<br>9 UNC<br>1/2" Key              | 1"                      | 32260                  | -     |                                                   | 1"                      | 42050                  | -     |
|                                                   | 1/4"                    | 32094                  | 33056 |                                                   | 1-1/4"                  | 32262                  | -     | 1/2"<br>(.500")<br>13 UNC<br>1/4" Key             |                         |                        |       |
|                                                   | 5/16"                   | 32096                  | 33058 |                                                   | 1-1/2"                  | 32264                  | -     |                                                   | 1/2"                    | 42052                  | -     |
|                                                   | 3/8"                    | 32098                  | 33060 |                                                   | 1-3/4"                  | 32266                  | -     |                                                   | 5/8"                    | 42054                  | -     |
|                                                   | 1/2"                    | 32100                  | 33062 |                                                   | 2"                      | 32268                  | -     |                                                   | 3/4"                    | 42056                  | -     |
|                                                   | 5/8"                    | 32102                  | 33064 |                                                   | 2-1/2"                  | 32270                  | -     |                                                   | 1"                      | 42058                  | -     |
| 1/4"<br>(.250")<br>20 UNC<br>28 UNF<br>1/8" Key   | 3/4"                    | 32104                  | 33066 | 1"<br>(1.000")<br>8 UNC<br>9/16" Key              | 3"                      | 32272                  | -     | 5/16"<br>(.312")<br>18 UNC<br>24 UNF<br>5/32" Key |                         |                        |       |
|                                                   | 7/8"                    | 32106                  | -     |                                                   | 7/8"                    | 32274                  | -     |                                                   |                         |                        |       |
|                                                   | 1"                      | 32108                  | 33068 |                                                   | 1"                      | 32276                  | -     |                                                   |                         |                        |       |
|                                                   | 1-1/4"                  | 32110                  | 33070 |                                                   | 2-1/2"                  | 32282                  | -     |                                                   |                         |                        |       |
|                                                   | 3/16"                   | 32112                  | 33072 |                                                   |                         |                        |       |                                                   |                         |                        |       |
|                                                   | 1/4"                    | 32114                  | 33074 |                                                   |                         |                        |       |                                                   |                         |                        |       |
| 5/16"<br>(.312")<br>18 UNC<br>24 UNF<br>5/32" Key | 5/16"                   | 32116                  | 33076 | 1"<br>(1.000")<br>8 UNC<br>9/16" Key              | 1"                      | 32286                  | -     | 5/16"<br>(.312")<br>18 UNC<br>24 UNF<br>5/32" Key |                         |                        |       |
|                                                   | 3/8"                    | 32118                  | 33078 |                                                   | 1-1/2"                  | 32288                  | -     |                                                   |                         |                        |       |
|                                                   | 1/2"                    | 32120                  | 33080 |                                                   | 2"                      | 32290                  | -     |                                                   |                         |                        |       |
|                                                   | 5/8"                    | 32122                  | 33082 |                                                   | 3"                      | 32294                  | -     |                                                   |                         |                        |       |
|                                                   | 3/4"                    | 32124                  | 33084 |                                                   |                         |                        |       |                                                   |                         |                        |       |
|                                                   | 7/8"                    | 32126                  | -     |                                                   |                         |                        |       |                                                   |                         |                        |       |
| 1/4"<br>(.250")<br>20 UNC<br>28 UNF<br>1/8" Key   | 1"                      | 32128                  | 33086 | 1"<br>(1.000")<br>8 UNC<br>9/16" Key              |                         |                        |       | 5/16"<br>(.312")<br>18 UNC<br>24 UNF<br>5/32" Key |                         |                        |       |
|                                                   | 1-1/4"                  | 32130                  | 33088 |                                                   |                         |                        |       |                                                   |                         |                        |       |
|                                                   | 1-1/2"                  | 32132                  | -     |                                                   |                         |                        |       |                                                   |                         |                        |       |
|                                                   | 1-3/4"                  | 32134                  | -     |                                                   |                         |                        |       |                                                   |                         |                        |       |
|                                                   | 2"                      | 32136                  | -     |                                                   |                         |                        |       |                                                   |                         |                        |       |
|                                                   | 1/4"                    | 32138                  | 33090 |                                                   |                         |                        |       |                                                   |                         |                        |       |
| 5/16"<br>(.312")<br>18 UNC<br>24 UNF<br>5/32" Key | 5/16"                   | 32140                  | 33092 | 1"<br>(1.000")<br>8 UNC<br>9/16" Key              |                         |                        |       | 5/16"<br>(.312")<br>18 UNC<br>24 UNF<br>5/32" Key |                         |                        |       |
|                                                   | 3/8"                    | 32142                  | 33094 |                                                   |                         |                        |       |                                                   |                         |                        |       |
|                                                   | 1/2"                    | 32146                  | 33096 |                                                   |                         |                        |       |                                                   |                         |                        |       |
|                                                   | 5/8"                    | 32148                  | 33098 |                                                   |                         |                        |       |                                                   |                         |                        |       |
|                                                   | 3/4"                    | 32150                  | 33100 |                                                   |                         |                        |       |                                                   |                         |                        |       |
|                                                   | 7/8"                    | 32152                  | -     |                                                   |                         |                        |       |                                                   |                         |                        |       |
| 5/16"<br>(.312")<br>18 UNC<br>24 UNF<br>5/32" Key | 1"                      | 32154                  | 33102 | 1"<br>(1.000")<br>8 UNC<br>9/16" Key              |                         |                        |       | 5/16"<br>(.312")<br>18 UNC<br>24 UNF<br>5/32" Key |                         |                        |       |
|                                                   | 1-1/4"                  | 32156                  | -     |                                                   |                         |                        |       |                                                   |                         |                        |       |
|                                                   | 1-1/2"                  | 32158                  | -     |                                                   |                         |                        |       |                                                   |                         |                        |       |
|                                                   | 1-3/4"                  | 32160                  | -     |                                                   |                         |                        |       |                                                   |                         |                        |       |
|                                                   | 2"                      | 32162                  | -     |                                                   |                         |                        |       |                                                   |                         |                        |       |
|                                                   |                         |                        |       |                                                   |                         |                        |       |                                                   |                         |                        |       |