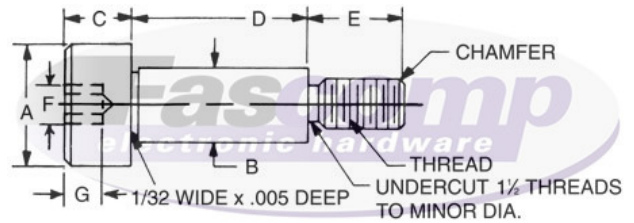


Hex Length Table

| FCXXXX | Thread | A<br>+.004<br>-.004 | B<br>+.000<br>-.001 | C<br>+.010<br>-.010 | D<br>+.002<br>-.000 | E<br>+.005<br>-.005 | F<br>+.002<br>-.000 | G<br>Min. |
|--------|--------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-----------|
| FC6901 | 4-40   | .250                | .1245               | .125                | .1250               | .156                | .078                | .062      |
| FC6902 | 4-40   | .250                | .1245               | .125                | .1875               | .156                | .078                | .062      |
| FC6903 | 4-40   | .250                | .1245               | .125                | .2500               | .156                | .078                | .062      |
| FC6904 | 4-40   | .250                | .1245               | .125                | .3125               | .156                | .078                | .062      |
| FC6905 | 4-40   | .250                | .1245               | .125                | .3750               | .156                | .078                | .062      |
| FC6906 | 4-40   | .250                | .1245               | .125                | .4375               | .156                | .078                | .062      |
| FC6907 | 4-40   | .250                | .1245               | .125                | .5000               | .156                | .078                | .062      |
| FC6908 | 6-32   | .281                | .1560               | .125                | .1250               | .187                | .093                | .078      |
| FC6909 | 6-32   | .281                | .1560               | .125                | .1875               | .187                | .093                | .078      |
| FC6910 | 6-32   | .281                | .1560               | .125                | .2500               | .187                | .093                | .078      |
| FC6911 | 6-32   | .281                | .1560               | .125                | .3125               | .187                | .093                | .078      |
| FC6912 | 6-32   | .281                | .1560               | .125                | .3750               | .187                | .093                | .078      |
| FC6913 | 6-32   | .281                | .1560               | .125                | .4375               | .187                | .093                | .078      |
| FC6914 | 6-32   | .281                | .1560               | .125                | .5000               | .187                | .093                | .078      |
| FC6915 | 6-32   | .281                | .1560               | .125                | .5625               | .187                | .093                | .078      |
| FC6916 | 6-32   | .281                | .1560               | .125                | .6250               | .187                | .093                | .078      |
| FC6917 | 6-32   | .281                | .1560               | .125                | .6875               | .187                | .093                | .078      |
| FC6918 | 6-32   | .281                | .1560               | .125                | .7500               | .187                | .093                | .078      |
| FC6919 | 8-32   | .312                | .187                | .156                | .1250               | .187                | .093                | .078      |
| FC6920 | 8-32   | .312                | .187                | .156                | .1875               | .187                | .093                | .078      |
| FC6921 | 8-32   | .312                | .187                | .156                | .2500               | .187                | .093                | .078      |
| FC6922 | 8-32   | .312                | .187                | .156                | .3125               | .187                | .093                | .078      |
| FC6923 | 8-32   | .312                | .187                | .156                | .3750               | .187                | .093                | .078      |
| FC6924 | 8-32   | .312                | .187                | .156                | .4375               | .187                | .093                | .078      |
| FC6925 | 8-32   | .312                | .187                | .156                | .5000               | .187                | .093                | .078      |
| FC6926 | 8-32   | .312                | .187                | .156                | .5625               | .187                | .093                | .078      |
| FC6927 | 8-32   | .312                | .187                | .156                | .6250               | .187                | .093                | .078      |
| FC6928 | 8-32   | .312                | .187                | .156                | .6875               | .187                | .093                | .078      |
| FC6929 | 8-32   | .312                | .187                | .156                | .7500               | .187                | .093                | .078      |
| FC6930 | 8-32   | .312                | .187                | .156                | .8750               | .187                | .093                | .078      |
| FC6931 | 8-32   | .312                | .187                | .156                | 1.000               | .187                | .093                | .078      |
| FC6932 | 8-32   | .312                | .187                | .156                | 1.250               | .187                | .093                | .078      |
| FC6933 | 8-32   | .312                | .187                | .156                | 1.375               | .187                | .093                | .078      |
| FC6934 | 8-32   | .312                | .187                | .156                | 1.500               | .187                | .093                | .078      |
| FC6935 | 10-32  | .375                | .2495               | .187                | .1250               | .250                | .125                | .093      |
| FC6936 | 10-32  | .375                | .2495               | .187                | .1875               | .250                | .125                | .093      |
| FC6937 | 10-32  | .375                | .2495               | .187                | .2500               | .250                | .125                | .093      |
| FC6938 | 10-32  | .375                | .2495               | .187                | .3125               | .250                | .125                | .093      |
| FC6939 | 10-32  | .375                | .2495               | .187                | .3750               | .250                | .125                | .093      |
| FC6940 | 10-32  | .375                | .2495               | .187                | .4375               | .250                | .125                | .093      |
| FC6941 | 10-32  | .375                | .2495               | .187                | .5000               | .250                | .125                | .093      |
| FC6942 | 10-32  | .375                | .2495               | .187                | .5625               | .250                | .125                | .093      |
| FC6943 | 10-32  | .375                | .2495               | .187                | .6250               | .250                | .125                | .093      |
| FC6944 | 10-32  | .375                | .2495               | .187                | .6875               | .250                | .125                | .093      |
| FC6945 | 10-32  | .375                | .2495               | .187                | .7500               | .250                | .125                | .093      |
| FC6946 | 10-32  | .375                | .2495               | .187                | .8750               | .250                | .125                | .093      |
| FC6947 | 10-32  | .375                | .2495               | .187                | 1.000               | .250                | .125                | .093      |
| FC6948 | 10-32  | .375                | .2495               | .187                | 1.250               | .250                | .125                | .093      |
| FC6949 | 10-32  | .375                | .2495               | .187                | 1.375               | .250                | .125                | .093      |
| FC6950 | 10-32  | .375                | .2495               | .187                | 1.500               | .250                | .125                | .093      |

## Socket Head Shoulder Screw



Create a part number:

| Length | Material | Finish |
|--------|----------|--------|
| FCXXXX | XX       | XX     |
| _____  | _____    | _____  |

## Material

Material Code (XX)

|    |                 |
|----|-----------------|
| B  | Brass           |
| S  | Steel           |
| SS | Stainless Steel |

## Compatible Finish

|          |                                       |
|----------|---------------------------------------|
| B, S, SS | 0 - Plain                             |
| B, S     | 5 - Nickel Plate (QQ-N-290)           |
| B, S     | 12 - Zinc Clear (ASTM-B-633)          |
| B, S     | 16 - Electro Tin (MIL-T-10727 TYPE 1) |
| SS       | 20 - Passivation (MIL-F-14072D)       |
| B, S, SS | 26 - Black Oxide                      |
| B, S     | 28 - Zinc Yellow (ASTM-B-633)         |

Tolerances  
Unless otherwise Specified

.xxx +/- .005  
 .xx +/- .010  
 Angular +/- 1 Degree  
 Linear +/- .005

Break all sharp edges

Source Control Drawing:  
 To be produced by  
 Fascomp Electronic Hardware



Fascomp Electronic Hardware  
 7814 Kingspointe Pkwy  
 Orlando, FL 32819  
 www.fascomp.com  
 Tel: (407) 226-2112  
 Fax: (407) 226-3370

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