

NOTE: This page replaces information on Catalog Page 5-7, dated December 2008.

**SUPPLEMENTAL CATALOG**  
**BULLETIN 5-53.24**  
 December 2008

# BOLTS, MACHINE - Square Head

Continued on next page

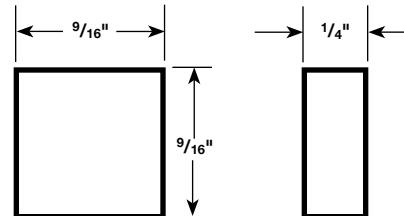
Sometimes referred to as "crossarm" bolts or "through" bolts, Hubbell Power Systems (HPS) square head and hex head machine bolts are manufactured to HPS specifications that meet the requirements of ANSI C135.1 and are available in a range of thread diameters and lengths. The head is marked with an identifying "C" and the bolt includes an

assembled square or hex nut that corresponds to the head shape. Threads are formed with the rolled thread process. Bolt length is measured from the underside of the head to the last thread. Semi-cone point comes on bolts 8" and longer in  $\frac{1}{2}$ ",  $\frac{5}{8}$ " and  $\frac{3}{4}$ " diameters. All others have chamfered or rounded ends. **For lengths not shown, contact HPS Customer Service.**

## ANSI C135.1 Galvanized per ASTM A-153

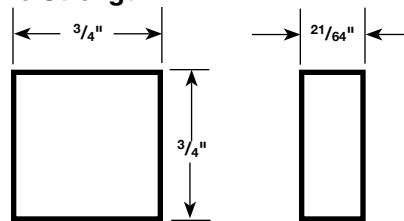
### $\frac{3}{8}$ " Thread Diameter ( $\frac{3}{8}$ -16 UNC) 4,250 lb. Rated Tensile Strength

Catalog No.	Length	Minimum Thread Length	Approx. Ship Wt. Each
8602	2"	1"	.11 lbs.
8603	3"	1"	.13 lbs.
8604	4"	3"	.15 lbs.
860412	4 $\frac{1}{2}$ "	3"	.17 lbs.
8605	5"	3"	.18 lbs.
860512	5 $\frac{1}{2}$ "	3"	.19 lbs.
T2060412	6"	3"	.21 lbs.
8607	7"	3"	.24 lbs.
8608	8"	4"	.27 lbs.
8610	10"	4"	.32 lbs.

 $\frac{3}{8}$ " Bolt Head Size

### $\frac{1}{2}$ " Thread Diameter ( $\frac{1}{2}$ -13 UNC) 7,800 lb. Rated Tensile Strength

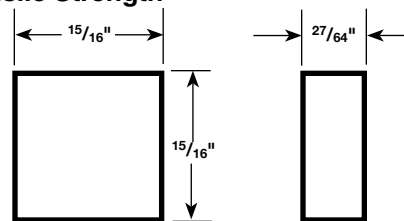
8702	2"	1 $\frac{1}{4}$ "	.21 lbs.
870212	2 $\frac{1}{2}$ "	1 $\frac{1}{4}$ "	.24 lbs.
8703	3"	1 $\frac{1}{4}$ "	.27 lbs.
8704	4"	3"	.31 lbs.
870412	4 $\frac{1}{2}$ "	3"	.33 lbs.
8705	5"	3"	.35 lbs.
8706*	6"	3"	.40 lbs.
8707*	7"	3"	.48 lbs.
8708*	8"	4"	.49 lbs.
8709*	9"	4"	.57 lbs.
8710*	10"	4"	.60 lbs.
8712	12"	4"	.71 lbs.
8714	14"	6"	.73 lbs.
DF2B16	16"	6"	.82 lbs.

 $\frac{1}{2}$ " Bolt Head Size

\*RUS Listed: c - Bolt, machine

### $\frac{5}{8}$ " Thread Diameter ( $\frac{5}{8}$ -11 UNC) 12,400 lb. Rated Tensile Strength

8802	2"	1 $\frac{1}{2}$ "	.36 lbs.
880212	2 $\frac{1}{2}$ "	1 $\frac{1}{2}$ "	.39 lbs.
PS8803	3"	1 $\frac{1}{2}$ "	.48 lbs.
8804	4"	3"	.57 lbs.
8805	5"	3"	.60 lbs.
8806*	6"	3"	.69 lbs.
8807*	7"	3"	.75 lbs.
8808*	8"	4"	.78 lbs.
8809*	9"	4"	.88 lbs.
8810*	10"	4"	.93 lbs.
8812*	12"	6"	1.08 lbs.
8814*	14"	6"	1.23 lbs.
8816*	16"	6"	1.40 lbs.
8818*	18"	6"	1.54 lbs.
8820*	20"	6"	1.71 lbs.
8822*	22"	6"	1.76 lbs.
8824*	24"	6"	1.96 lbs.
8826	26"	6"	2.15 lbs.
8828	28"	6"	2.31 lbs.

 $\frac{5}{8}$ " Bolt Head Size

**For additional square nuts,  
see Catalog page 5-33**

Continued on next page

\*RUS Listed: c - Bolt, machine

NOTE: Because Hubbell has a policy of continuous product improvement, we reserve the right to change design and specifications without notice.



**CHANCE**

210 N. Allen St. • Centralia, MO 65240

©2008 Hubbell Incorporated

Printed in USA

# BOLTS, MACHINE - Square Head

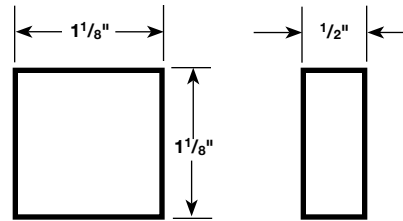
Continued from previous page. For Hex Head Bolts, see next page.

## ANSI C135.1 Galvanized per ASTM A-153

**3/4" Thread Diameter (3/4-9 UNC)**

**18,350 lb. Rated Tensile Strength**

Catalog No.	Length	Min. Thread Length	Approx. Ship Weight Each
PS8902	2"	1 3/4"	.65 lbs.
PS8903	3"	1 3/4"	.75 lbs.
PS8906*	6"	3"	1.09 lbs.
PS8907*	7"	3"	1.18 lbs.
8908*	8"	4"	1.26 lbs.
8910*	10"	4"	1.54 lbs.
8912*	12"	6"	1.62 lbs.
8914*	14"	6"	1.88 lbs.
8916*	16"	6"	2.25 lbs.
8918*	18"	6"	2.32 lbs.
8920*	20"	6"	2.52 lbs.
8922*	22"	6"	2.68 lbs.
8924*	24"	6"	3.04 lbs.
8926*	26"	6"	3.08 lbs.
8928	28"	6"	3.23 lbs.
8930	30"	8"	3.46 lbs.
8932	32"	8"	3.69 lbs.



**3/4" Bolt Head Size**

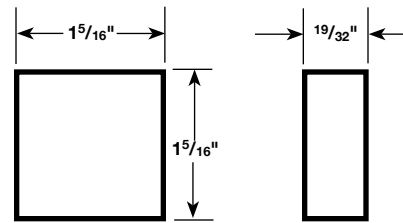


\*RUS Listed: c - Bolt, machine

**7/8" Thread Diameter (7/8-9 UNC)**

**24,500 lb. Rated Tensile Strength**

PSSB780250	2 1/2"	2"	.90 lbs.
PSSB780400	4"	2"	1.15 lbs.
PSSB780500	5"	2 1/2"	1.30 lbs.
PSSB780600*	6"	2 1/2"	1.44 lbs.
PSSB780800*	8"	3"	1.76 lbs.
PSSB781000*	10"	6"	2.08 lbs.
DF5B12*	12"	6"	2.40 lbs.
C2050254*	14"	6"	2.84 lbs.
C2050255*	16"	6"	3.16 lbs.
C2050256*	18"	6"	3.52 lbs.
C2050257*	20"	6"	3.90 lbs.
C2050258*	22"	6"	4.25 lbs.
DF5B24*	24"	6"	4.30 lbs.
PSSB782600*	26"	8"	4.62 lbs.
PSSB782800*	28"	8"	4.94 lbs.
PSSB783000	30"	8"	5.27 lbs.
PSSB783200	32"	8"	5.61 lbs.



**7/8" Bolt Head Size**

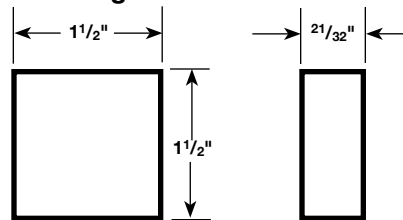


\*RUS Listed: c - Bolt, machine

**1" Thread Diameter (1-8 UNC)**

**33,500 lb. Rated Tensile Strength**

PSSB100350	3 1/2"	2 1/2"	1.48 lbs.
PSSB100400	4"	3"	1.580 lbs.
PSSB100500	5"	3"	1.79 lbs.
PSSB100600	6"	3"	2.01 lbs.
PSSB100800	8"	4"	2.43 lbs.
PSSB101000	10"	4"	2.85 lbs.
PSSB101200	12"	6"	3.27 lbs.
PSSB101400	14"	6"	3.69 lbs.
PSSB101600	16"	6"	4.12 lbs.
PSSB101800	18"	6"	4.54 lbs.
PSSB102000	20"	6"	4.96 lbs.
PSSB102200	22"	6"	5.38 lbs.
PSSB102400	24"	6"	5.81 lbs.
PSSB102600	26"	6"	6.24 lbs.
PSSB102800	28"	8"	6.67 lbs.
PSSB103000	30"	8"	7.10 lbs.



**1" Bolt Head Size**



**For additional square nuts, see Catalog page 5-33**

NOTE: Because Hubbell has a policy of continuous product improvement, we reserve the right to change design and specifications without notice.

# BOLTS, MACHINE - Hex Head

For Square Head Bolts, see previous pages.

SUPPLEMENTAL CATALOG

BULLETIN 5-53.26

December 2008

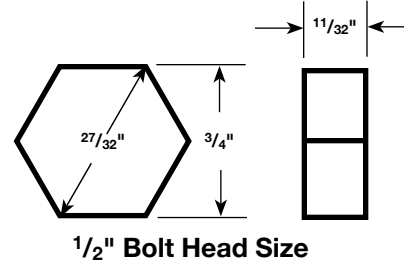
Sometimes referred to as "crossarm" bolts or "through" bolts, Hubbell Power Systems (HPS) square head and hex head machine bolts are manufactured to HPS specifications that meet the requirements of ANSI C135.1 and are available in a range of thread diameters and lengths. The head is marked with an identifying "C" and the bolt includes an

assembled square or hex nut that corresponds to the head shape. Threads are formed with the rolled thread process. Bolt length is measured from the underside of the head to the last thread. Semi-cone point comes on bolts 8" and longer in 1/2", 5/8" and 3/4" diameters. All others have chamfered or rounded ends. **For lengths not shown, contact HPS Customer Service.**

## ANSI C135.1 Galvanized per ASTM A-153

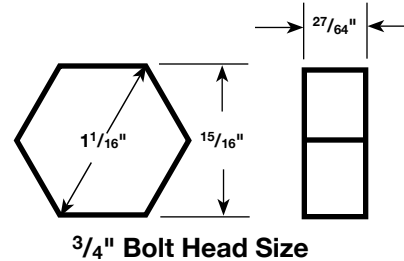
1/2" Thread Diameter (1/2-13 UNC) 7,800 lb. Rated Tensile Strength

Catalog No.	Length	Min. Thread Length	Approx. Ship Wt. Each
PSHB120125	1 1/4"	1 1/4"	.14 lbs.
PSHB120150	1 1/2"	1 1/4"	.15 lbs.
PSHB120175	1 3/4"	1 1/4"	.16 lbs.
PSHB120200	2"	1 1/4"	.17 lbs.
PSHB120250	2 1/2"	1 1/4"	.20 lbs.
PSHB120300	3"	1 1/4"	.23 lbs.
PSHB120350	3 1/2"	1 1/4"	.27 lbs.
PSHB120400	4"	3"	.30 lbs.



5/8" Thread Diameter (5/8-11 UNC) 12,400 lb. Rated Tensile Strength

Catalog No.	Length	Min. Thread Length	Approx. Ship Wt. Each
PSHB580150	1 1/2"	1 1/4"	.33 lbs.
PSHB580175	1 3/4"	1 1/2"	.35 lbs.
PSHB580200	2"	1 1/2"	.37 lbs.
PSHB580225	2 1/4"	1 1/2"	.40 lbs.
PSHB580250	2 1/2"	1 1/2"	.43 lbs.
PSHB580300	3"	1 1/2"	.46 lbs.
PSHB580400	4"	3"	.52 lbs.



NOTE: Because Hubbell has a policy of continuous product improvement, we reserve the right to change design and specifications without notice.



**CHANCE**

210 N. Allen St. • Centralia, MO 65240

©2008 Hubbell Incorporated

Printed in USA

# BOLTS, DOUBLE-ARMING

## All-Thread Rods

Referred to as "D.A. bolts," double-arming bolts are used for double arm applications (one arm on each side of the pole) because of the ease of installation if replacement of the crossarm is necessary and offer flexibility of use. Hubbell Power Systems D.A. bolts are manufactured to HPS specifications that meet the requirements of ANSI C135.1. They are available in a range of thread diameters

and lengths. Each bolt includes four assembled square nuts. Threads are formed with the rolled thread process. Bolt length is measured from the last thread, end to end. Semi-cone point comes on bolts 8" and longer in 1/2", 5/8" and 3/4" diameters. All others have chamfered or rounded ends. **For lengths not shown, contact HPS Customer Service.**

### ANSI C135.1 Galvanized per ASTM A-153

**1/2" Thread Diameter (1/2-13 UNC) 7,800 lb. Rated Tensile Strength**

Catalog Number	Length	Approx. Ship Weight Each
8846	16"	1.17 lbs.
8848	18"	1.25 lbs.

**5/8" Thread Diameter (5/8-11 UNC) 12,400 lb. Rated Tensile Strength**

Catalog Number	Length	Approx. Ship Weight Each
8862*	12"	1.26 lbs.
8864*	14"	1.48 lbs.
8866*	16"	1.70 lbs.
8868*	18"	1.80 lbs.
8870*	20"	1.97 lbs.
8872*	22"	2.13 lbs.
8874*	24"	2.27 lbs.
8876	26"	2.40 lbs.
8877	28"	2.53 lbs.
8878	30"	2.67 lbs.
8879	32"	2.80 lbs.

\*RUS Listed: n - Bolt, double arming

**For additional square nuts,  
see Catalog page 5-33**

**Continued on next page**



# BOLTS, DOUBLE-ARMING

## All-Thread Rods

Continued from previous page.

### ANSI C135.1 Galvanized per ASTM A-153

**3/4" Thread Diameter (3/4-10 UNC) 18,350 lb. Rated Tensile Strength**

Catalog Number	Length	Approx. Ship Weight Each
C2050140	6"	1.28 lbs.
C2050141	8"	1.50 lbs.
8882	12"	1.82 lbs.
8884	14"	2.24 lbs.
8886	16"	2.48 lbs.
8888	18"	2.72 lbs.
8890*	20"	2.92 lbs.
8892*	22"	3.16 lbs.
8894*	24"	3.35 lbs.
8896	26"	3.56 lbs.
8897	28"	3.65 lbs.
8898	30"	3.81 lbs.
889832	32"	4.13 lbs.
PS889834	34"	4.34 lbs.
PS889836	36"	4.50 lbs.
PS889838	38"	4.82 lbs.
PS889840	40"	5.10 lbs.
PS889842	42"	5.41 lbs.

\*RUS Listed: n - Bolt, double arming

**7/8" Thread Diameter (7/8-9 UNC) 24,500 lb. Rated Tensile Strength**

Catalog Number	Length	Approx. Ship Weight Each
PSDA781200	12"	2.83 lbs.
PSDA781400	14"	3.12 lbs.
PSDA781600	16"	3.41 lbs.
PSDA781800	18"	3.70 lbs.
PSDA782000	20"	3.99 lbs.
PSDA782200	22"	4.27 lbs.
PSDA782400	24"	4.56 lbs.
PSDA782600	26"	4.85 lbs.
PSDA782800	28"	5.14 lbs.
PSDA783000	30"	5.43 lbs.
PSDA783200	32"	5.72 lbs.
PSDA783400	34"	6.01 lbs.
PSDA783600	36"	6.30 lbs.
PSDA783800	38"	6.59 lbs.
PSDA784000	40"	6.88 lbs.
PSDA784200	42"	7.17 lbs.



**For additional square nuts,  
 see Catalog page 5-33**