

HOLO-KROME[®]

WHEN IT MATTERS MOST



Critical Application Socket Head Fasteners

Available in Inch
and Metric Sizes

**Custom Designed
Fastener Solutions**

Socket Head Cap Screws

**Socket Button Head
Cap Screws**

Socket Flat Head Cap Screws

Socket Low Head Cap Screws

Socket Set Screws

Socket Shoulder Screws

Dowel Pins

Socket Jam Screws

Socket Pressure Plugs

Effective July 1, 2010



www.holo-krome.com



CERTIFICATE



UL DQS Inc.
Management Systems Solutions

hereby certifies that the company

Holo-Krome
31 Brook Street
West Hartford Ct 06110
USA

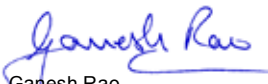
has implemented and maintains a **Quality Management System**.

Scope:
The manufacture, procurement and delivery of fasteners and specialty formed products to industry and customer specifications.

Through an audit, documented in a report, it was verified that the management system fulfills the requirements of the following standard:

ISO 9001 : 2008

Certificate Registration No.	10002814 QM08
Original Certification Date	1996-02-09
Revision Date	2010-06-21
Date of Certification	2009-09-25
Valid until	2012-09-24


Ganesh Rao
President

1130 West Lake Cook Road, Suite 340, Buffalo Grove, IL 60089 USA



Holo-Krome Critical Application Fasteners



When It Matters Most

All Holo-Krome products are Made in the USA and used in a wide variety of market applications which demand high quality, high strength precision components. Since its formation in 1929, Holo-Krome has been at the forefront of fastener development and innovation. In 1930, Holo-Krome invented and later patented the first practical cold heading process for mass producing high tensile strength alloy steel socket screws.

As you browse through our 2010 catalog, you will see Holo-Krome manufactures and stocks a full line of standard, high quality socket screw products. In addition to the standard product line, Holo-Krome manufactures semi-standards, special fasteners and cold headed parts.

With emphasis on lower cost and higher productivity, more companies are looking to Holo-Krome to solve assembly and "tough-to-manufacture" part problems. If there is a length, coating, or other criteria you don't find on our website or in our catalog, we will supply a quotation.

We use our 80 years of fastener manufacturing knowledge to shape metal by carefully controlling metal forming temperatures that yield inherently stronger parts. The metal is reinforced in critical stress areas eliminating the possibility of tears so common with machined parts.

Holo-Krome can form various types of materials including aluminum, brass, austenitic and martensitic stainless, 4000 series alloys, H-11 and other tool steels into difficult shapes and improve the material grain flow that is not achievable with machining processes. For some

parts, tensile and shear strength properties are increased from a machined version.

Tough-to-manufacture parts can be produced at less cost than traditional manufacturing methods. With little to no metal removal, material savings frequently justifies Holo-Krome's heading process.

Holo-Krome's vertically integrated manufacturing processes encompass many innovative secondary and finishing operations such as high speed/proprietary machining, contour grinding and precision roll threading up to 1-1/2" diameter.

Holo-Krome's finishing operations include state of the art controlled-heat treating equipment and full metallographic inspection capabilities. Most high strength alloy parts are conveyed through automated furnaces to insure specified metallurgical properties are achieved. We also can provide Black Oxide coating.

For more information contact one of the following:

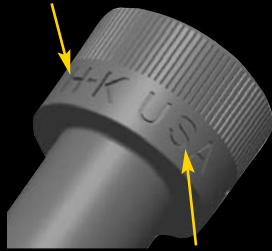
- Your local Holo-Krome distributor
- Sales: sales@holo-krome.com
- Engineering: engineering@holo-krome.com
- Customer Service: 800-879-6205
- Webpage: www.holo-krome.com



When it Matters Most
HOLO-KROME® Quality Since 1929. Made in USA.

Over Eight Decades of Excellence

"H-K" MARKING



MADE IN "USA"
MARKING

CHAMFERED
DRIVE



SIZE MARKING

HOLO-CODE®
TRACEABILITY



LONGER AND
DEEPER KNURLS



www.holo-krome.com



Benefits

- Traceability. Each fastener has its own quality control number tracing it all the way back to the steel mill.
- The highest torque/clamping force available in the entire industry.
- Roll threading, not thread cutting, for stronger, more precise radiused root and run-out threads for increased fatigue life.
- Technical support for those tough questions for design and applications engineers — over the phone or on-site.
- The most complete line of fasteners in the business in both inch and metric sizes.

Holo-Krome Quality

GENERAL INFORMATION

Product Code Number All standard products have an assigned product code number shown on the boxes for ease in ordering and inventory control. All products are sold in full packages only.

Special Products Products not in the catalog can be quoted on request. Blueprints and specifications should accompany your request.

Shipments Holo-Krome will attempt to ship in accordance with your instructions and by carrier of your choice. However, final selection of method of shipment and carrier will be at our sole discretion.

Certifications On request, using a lot number stamped on the outside of the box, and or the Holo-Code® on the head of the capscrew, Holo-Krome can certify the chemical analysis, the raw material supplier and the mechanical/dimensional properties of the product.

Product Plating & Modification

Holo-Krome shall not be responsible for products plated or modified in any manner not under its control.

Prices Prices are subject to change without notice.

Bulk Prices Quantity pricing for bulk (non-package) available on request. For the name of the authorized Holo-Krome distributor nearest you, call toll free 1-800-879-6205.

Limited Warranty: Holo-Krome warrants, for a period of one (1) year after delivery, that all Products delivered to Purchaser hereunder shall be free from any defects in material or workmanship and in conformity with any applicable specifications. Such warranty only extends to Purchaser. Purchaser shall inspect Products within a reasonable time after receipt, and shall promptly notify Holo-Krome of any claimed defect or nonconformity. Any Products determined to be defective in material or workmanship must be returned, with an invoice and/or control number to an authorized location, shipping costs to be prepaid by Purchaser, within the one-year warranty period. THE FOREGOING WARRANTIES ARE IN PLACE OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED AND HOLO-KROME EXPRESSLY DISCLAIMS ANY OTHER WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Disclaimer and Limitation of Liability

HOLO-KROME DISCLAIMS ANY LIABILITY FOR PRODUCT DEFECT CLAIMS THAT ARE DUE TO THE MISUSE, IMPROPER SELECTION OR MISAPPLICATION OF THE PRODUCT. IN NO EVENT WILL EITHER PARTY BE LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL, CONSEQUENTIAL OR EXEMPLARY DAMAGES IN CONNECTION WITH OR ARISING OUT OF THIS AGREEMENT, INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR INJURIES TO PERSONS OR TO PROPERTY OR LOSS OF PROFITS OR LOSS OF FUTURE BUSINESS OR REPUTATION, WHETHER BASED ON TORT OR BREACH OF CONTRACT OR OTHER BASIS, EVEN IF IT HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. IN NO EVENT WILL HOLO KROME'S LIABILITY FOR DIRECT DAMAGES EXCEED THE PURCHASE PRICE OF THE PRODUCT.



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1-800-879-6205
www.holo-krome.com

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Holo-Krome® Socket Screw Selector

These socket screw selectors are available in inch and metric for your fastener design needs.

Contact Customer Service at 1-800-879-6205 to order.





Socket Head Cap Screws

UNRC COARSE THREAD SERIES • 1960 SERIES

HEAT TREATED ALLOY STEEL • UNIFIED 3A THREAD FIT
MEETS ASME/ANSI B18.3

DIAMETER	LENGTH UNDER HEAD	THREAD SERIES UNRC	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY IN BOX
#2 (.086") 5/64" Key	3/16"	56	72002	0.1	100
	1/4"	56	72004	0.1	
	3/8"	56	72006	0.1	
	1/2"	56	72008	0.2	
#3 (.099") 5/64" Key	3/16"	48	72010	0.1	100
	1/4"	48	72012	0.1	
	3/8"	48	72014	0.1	
	1/2"	48	72016	0.2	
#4 (.112") 3/32" Key	3/16"	40	86150	0.2	100
	1/4"	40	72018	0.2	
	5/16"	40	86154	0.2	
	3/8"	40	72020	0.2	
	1/2"	40	72022	0.3	
	5/8"	40	72024	0.3	
	3/4"	40	72026	0.3	
	7/8"	40	86172	0.4	
	1"	40	86176	0.4	
	1/4"	40	72028	0.2	
#5 (.125") 3/32" Key	3/8"	40	72030	0.3	100
	1/2"	40	72032	0.3	
	5/8"	40	72034	0.3	
	3/4"	40	72036	0.4	
#6 (.138") 7/64" Key	1/4"	32*	72038	0.3	100
	3/8"	32*	72040	0.3	
	1/2"	32*	72042	0.4	
	5/8"	32*	72044	0.4	
	3/4"	32*	72046	0.4	
	7/8"	32	72048	0.5	
	1"	32	72050	0.5	
	1-1/4"	32	86288	0.5	
	1-1/2"	32	86292	0.6	
	1-3/4"	32	86296	0.7	
2"	32	86300	0.8		
#8 (.164") 9/64" Key	1/4"	32	72052	0.4	100
	3/8"	32*	72054	0.5	
	1/2"	32*	72056	0.5	
	5/8"	32	72058	0.6	
	3/4"	32*	72060	0.7	
	7/8"	32	72062	0.7	
1"	32	72064	0.8		
1-1/4"	32	72066	0.9		
1-1/2"	32	72068	1.1		

DIAMETER	LENGTH UNDER HEAD	THREAD SERIES UNRC	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY IN BOX
#8 (Cont.)	1-3/4"	32	86362	1.2	100
	2"	32	86364	1.2	
	2-1/2"	32	86368	1.3	
#10 (.190") 5/32" Key	1/4"	24*	86424	0.5	100
	3/8"	24*	72070	0.6	
	1/2"	24*	72072	0.7	
	5/8"	24*	72074	0.8	
	3/4"	24*	72076	0.9	
	7/8"	24*	72078	0.9	
	1"	24*	72080	1.0	
	1-1/4"	24*	72082	1.3	
	1-1/2"	24*	72084	1.4	
	1-3/4"	24*	72086	1.6	
2"	24*	72088	1.9		
2-1/4"	24*	86440	2.0		
2-1/2"	24*	86442	2.1		
1/4" (.250") 3/16" Key	1/4"	20*	86526	0.8	100
	3/8"	20*	72090	1.0	
	1/2"	20*	72092	1.2	
	5/8"	20*	72094	1.4	
	3/4"	20*	72096	1.5	
	7/8"	20*	72098	1.6	
	1"	20*	72100	1.8	
	1-1/4"	20*	72102	2.1	
	1-1/2"	20*	72104	2.5	
	1-3/4"	20*	72106	2.8	
2"	20*	72108	3.0		
2-1/4"	20*	72110	3.4		
2-1/2"	20*	72112	3.8		
2-3/4"	20	72114	3.9		
3"	20*	72116	4.3		
3-1/4"	20	86576	4.8		
3-1/2"	20	72117	5.2		
3-3/4"	20	86580	5.5		
4"	20*	72115	5.7		
5/16" (.312") 1/4" Key	1/2"	18*	72120	2.0	100
	5/8"	18*	72122	2.3	
	3/4"	18*	72124	2.5	
	7/8"	18*	72126	2.7	
	1"	18*	72128	2.9	



Socket Head Cap Screws

UNRC COARSE THREAD SERIES • 1960 SERIES

HEAT TREATED ALLOY STEEL • UNIFIED 3A THREAD FIT
MEETS ASME/ANSI B18.3

DIAMETER	LENGTH UNDER HEAD	THREAD SERIES UNRC	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY IN BOX	
5/16" (Cont.)	1-1/4"	18*	72130	3.4	100	
	1-1/2"	18*	72132	3.9		
	1-3/4"	18*	72134	4.4		
	2"	18*	72136	4.9		
	2-1/4"	18*	72138	5.4		
	2-1/2"	18*	72140	5.9		
	2-3/4"	18	72142	6.4		
	3"	18	72144	6.9		
	3-1/4"	18	72146	3.7		50
	3-1/2"	18	72148	3.9		
4"	18	86646	4.5			
	1/2"	16*	72150	3.4	100	
	5/8"	16*	72152	3.8		
	3/4"	16*	72154	4.0		
	7/8"	16*	72156	4.3		
	1"	16*	72158	4.6		
	1-1/4"	16*	72160	5.2		
	1-1/2"	16*	72162	6.0		
	1-3/4"	16*	72164	3.3		50
	2"	16*	72166	3.9		
	2-1/4"	16*	72168	4.3		
2-1/2"	16*	72170	4.5			
3/8" (.375") 5/16" Key	2-3/4"	16*	72172	4.9	50	
	3"	16*	72174	5.1		
	3-1/4"	16	72176	5.4		
	3-1/2"	16*	72178	5.8		
	4"	16*	72180	6.6		
	4-1/2"	16	72182	7.4		
	5"	16*	72184	8.8		
	5-1/2"	16	86688	9.2		
	6"	16	72185	9.5		
	3/4"	14	72190	5.6		100
7/8"	14	72192	6.0			
1"	14*	72194	6.4			
7/16" (.437") 3/8" Key	1-1/4"	14*	72196	3.8	50	
	1-1/2"	14*	72198	4.2		
	1-3/4"	14	72200	4.6		
	2"	14*	72202	5.0		
	2-1/4"	14	72204	5.5		
	2-1/2"	14	72206	6.0		

DIAMETER	LENGTH UNDER HEAD	THREAD SERIES UNRC	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY IN BOX	
7/16" (Cont.)	2-3/4"	14	72208	3.3	25	
	3"	14	72210	3.5		
	3-1/4"	14	72212	4.0		
	3-1/2"	14	72214	4.0		
	4"	14	72216	4.5		
	4-1/2"	14	72271	5.0		
	5"	14	86724	5.5		
	1/2"	13	72218	3.7	50	
	5/8"	13	72220	4.0		
	3/4"	13	72222	4.2		
	7/8"	13	72224	4.5		
	1"	13*	72226	4.8		
	1-1/4"	13*	72228	5.3		
	1-1/2"	13*	72230	6.3		
	1-3/4"	13*	72232	6.6		
	2"	13*	72234	7.4		
	2-1/4"	13*	72236	4.0		25
2-1/2"	13*	72238	4.4			
2-3/4"	13*	72240	4.6			
3"	13*	72242	4.9			
3-1/4"	13	72244	5.1			
3-1/2"	13*	72246	6.0			
3-3/4"	13	72247	6.2			
1/2" (.500") 3/8" Key	4"	13*	72248	6.3	10	
	4-1/2"	13*	72250	7.0		
	5"	13*	72252	7.9		
	5-1/2"	13*	72254	8.6		
	6"	13*	72256	9.3		
	6-1/2"	13	72258	3.8		
	7"	13	72260	4.0		
	8"	13	72262	4.5		
	1"	11*	72264	4.3		25
	1-1/4"	11*	72266	4.8		
1-1/2"	11*	72268	5.3			
1-3/4"	11*	72270	5.6			
2"	11*	72272	6.0			
2-1/4"	11*	72274	6.8			
2-1/2"	11*	72276	7.3			
2-3/4"	11*	72278	7.8			
3"	11*	72280	8.4			
3-1/4"	11	72282	9.0			
5/8" (.625") 1/2" Key	3-1/2"	11*	72284	9.5	10.5	
	4"	11*	72286	10.5		

PLEASE ORDER BY PRODUCT CODE NUMBER
*FOR FINE THREAD SERIES SEE PAGES 8 AND 9





Socket Head Cap Screws

UNRC COARSE THREAD SERIES • 1960 SERIES

HEAT TREATED ALLOY STEEL • UNIFIED 3A THREAD FIT
MEETS ASME/ANSI B18.3

DIAMETER	LENGTH UNDER HEAD	THREAD SERIES UNRC	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY IN BOX	
5/8" (Cont.)	4-1/2"	11*	72288	9.5	20	
	5"	11*	72290	10.5		
	5-1/2"	11	72292	5.3	10	
	6"	11	72294	5.5		
	6-1/2"	11	72296	5.9		
	7"	11	72298	6.3		
	8"	11	72300	7.0		
3/4" (.750") 5/8" Key	1-1/4"	10	72302	7.1	25	
	1-1/2"	10	72304	7.6		
	1-3/4"	10	72306	8.4		
	2"	10	72308	9.1		
	2-1/4"	10	72310	9.9		
	2-1/2"	10	72312	10.6		
	2-3/4"	10	72314	11.4		
	3"	10	72316	12.3		
	3-1/4"	10	72318	13.0		
	3-1/2"	10	72320	13.8		
	3-3/4"	10	72321	14.8		
	4"	10	72322	15.4		
	4-1/2"	10	72324	14.0		20
	5"	10	72326	14.7		
	5-1/2"	10	72328	7.9		10
6"	10	72330	8.4			
6-1/2"	10	72332	9.0			
7"	10	72334	9.6			
8"	10	72336	10.8			
7/8" (.875") 3/4" Key	2"	9	72338	5.1	10	
	2-1/4"	9	72340	5.4		
	2-1/2"	9	72342	5.8		
	2-3/4"	9	72344	6.2		
	3"	9	72346	6.6		
	3-1/4"	9	72348	7.1		
	3-1/2"	9	72350	7.6		
	4"	9	72352	8.4		
	4-1/2"	9	72354	9.2		
	5"	9	72356	10.0		
	5-1/2"	9	72358	10.8		
	6"	9	72360	11.6		
	6-1/2"	9	72362	12.5		
	7"	9	72364	13.0		
	8"	9	72366	13.6		

DIAMETER	LENGTH UNDER HEAD	THREAD SERIES UNRC	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY IN BOX
1" (1.000") 3/4" Key	2"	8	72368	7.1	10
	2-1/4"	8	72370	7.6	
	2-1/2"	8	72372	8.1	
	2-3/4"	8	72374	8.5	
	3"	8	72376	9.2	
	3-1/4"	8	72378	9.7	
	3-1/2"	8	72380	10.3	
	4"	8	72382	11.3	
	4-1/2"	8	72384	12.4	
	5"	8	72386	13.5	
	5-1/2"	8	72388	14.6	
	6"	8	72390	15.8	
	6-1/2"	8	72392	16.8	
	7"	8	72394	17.8	
	8"	8	72396	19.8	

UNIFIED 2A THREAD FIT

1-1/4" (1.250") 7/8" Key	3"	7	72400	1.6	1
	3-1/2"	7	72402	1.8	
	4"	7	72404	2.0	
	4-1/2"	7	72406	2.1	
	5"	7	72408	2.3	
	5-1/2"	7	72410	2.4	
	6"	7	72412	2.6	
	6-1/2"	7	72414	2.8	
	7"	7	72416	2.9	
	8"	7	72418	3.3	
	9"	7	72420	3.8	
	10"	7	72422	4.2	
	11"	7	72424	4.6	

UNIFIED 2A THREAD FIT

1-1/2" (1.500") 1" Key	3-1/2"	6	72428	2.5	1
	4"	6	72430	2.9	
	4-1/2"	6	72432	3.0	
	5"	6	72434	3.3	
	5-1/2"	6	72436	3.5	
	6"	6	72438	3.8	
	6-1/2"	6	72440	4.0	
	7"	6	72442	4.3	
	8"	6	72444	4.8	

Socket Head Cap Screws

UNRF FINE THREAD SERIES • 1960 SERIES

HEAT TREATED ALLOY STEEL • UNIFIED 3A THREAD FIT
MEETS ASME/ANSI B18.3



DIAMETER	LENGTH UNDER HEAD	THREAD SERIES UNRF	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY IN BOX
#0 (.060") .050" Key	1/8"	80	73002	0.1	100
	3/16"	80	73004	0.1	
	1/4"	80	73006	0.1	
	3/8"	80	73008	0.1	
#1 (.073") 1/16" Key	1/4"	72	73014	0.1	100
	3/8"	72	73016	0.1	
#6 (.138") 7/64" Key	1/4"	40	73018	0.3	100
	3/8"	40	73020	0.3	
	1/2"	40	73022	0.4	
	5/8"	40	73024	0.4	
#8 (.164") 9/64" Key	3/8"	36	73028	0.5	100
	1/2"	36	73030	0.5	
#10 (.190") 5/32" Key	3/4"	36	73032	0.7	100
	1/4"	32	77388	0.5	
	3/8"	32	73034	0.6	
	1/2"	32	73036	0.7	
	5/8"	32	73038	0.8	
	3/4"	32	73040	0.9	
	7/8"	32	73042	0.9	
	1"	32	73044	1.0	
	1-1/4"	32	73046	1.3	
	1-1/2"	32	73048	1.4	
	1-3/4"	32	73050	1.6	
	2"	32	73052	1.9	
2-1/4"	32	77440	2.0		
2-1/2"	32	77442	2.2		
3"	32	77446	2.5		
1/4" (.250") 3/16" Key	1/4"	28	77450	0.8	100
	3/8"	28	73054	1.0	
	1/2"	28	73056	1.2	
	5/8"	28	73058	1.4	
	3/4"	28	73060	1.5	
	7/8"	28	73062	1.6	
	1"	28	73064	1.8	
	1-1/4"	28	73066	2.1	
1-1/2"	28	73068	2.5		

DIAMETER	LENGTH UNDER HEAD	THREAD SERIES UNRF	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY IN BOX
1/4" (Cont.)	1-3/4"	28	73070	2.8	100
	2"	28	73072	3.0	
	2-1/4"	28	73074	3.4	
	2-1/2"	28	77474	3.8	
	3"	28	77478	4.3	
	4"	28	77482	5.7	
5/16" (.312") 1/4" Key	1/2"	24	73076	2.0	100
	5/8"	24	73078	2.3	
	3/4"	24	73080	2.5	
	7/8"	24	73082	2.7	
	1"	24	73084	2.9	
	1-1/4"	24	73086	3.4	
	1-1/2"	24	73088	3.9	
	1-3/4"	24	73090	4.4	
	2"	24	73092	4.9	
	2-1/4"	24	73094	5.4	
	2-1/2"	24	73096	5.9	
	1/2"	24	73098	3.4	
5/8"	24	73100	3.8		
3/4"	24	73102	4.0		
7/8"	24	73104	4.3		
1"	24	73106	4.6		
1-1/4"	24	73108	5.2		
1-1/2"	24	73110	6.0		
3/8" (.375") 5/16" Key	1-3/4"	24	73112	3.3	50
	2"	24	73114	3.9	
	2-1/4"	24	73116	4.3	
	2-1/2"	24	73118	4.5	
	2-3/4"	24	73119	4.9	
	3"	24	73120	5.1	
	3-1/2"	24	77500	5.8	
	4"	24	77504	6.6	
5"	24	77510	8.8		
7/16" (.437") 3/8" Key	1"	20	73122	6.4	100
	1-1/4"	20	73124	3.8	
	1-1/2"	20	73126	4.2	
	2"	20	73128	5.0	

PLEASE ORDER BY PRODUCT CODE NUMBER



Socket Head Cap Screws

UNRF FINE THREAD SERIES • 1960 SERIES

HEAT TREATED ALLOY STEEL • UNIFIED 3A THREAD FIT
MEETS ASME/ANSI B18.3

DIAMETER	LENGTH UNDER HEAD	THREAD SERIES UNRF	PRODUCT CODE NUMBER		APPROX. WT. LBS. PER BOX	QTY IN BOX
			UNRC	UNRF		
1/2" (.500") 3/8" Key	1"	20	73130	-	4.8	50
	1-1/4"	20	73132	-	5.3	
	1-1/2"	20	73134	-	6.3	
	1-3/4"	20	73136	-	6.6	
	2"	20	73138	-	7.4	
	2-1/4"	20	73140	-	4.0	25
	2-1/2"	20	73142	-	4.4	
	2-3/4"	20	73143	-	4.6	
	3"	20	73144	-	4.9	
	3-1/2"	20	73145	-	6.0	
	4"	20	77540	-	6.3	
	4-1/2"	20	77544	-	7.0	
	5"	20	77548	-	7.9	
	5-1/2"	20	77552	-	8.6	
	6"	20	77556	-	9.3	

DIAMETER	LENGTH UNDER HEAD	THREAD SERIES UNRF	PRODUCT CODE NUMBER		APPROX. WT. LBS. PER BOX	QTY IN BOX
			UNRC	UNRF		
5/8" (.625") 1/2" Key	1"	18	73146	-	4.3	25
	1-1/4"	18	73148	-	4.8	
	1-1/2"	18	73150	-	5.3	
	1-3/4"	18	73152	-	5.6	
	2"	18	73154	-	6.0	
	2-1/4"	18	73155	-	6.8	
	2-1/2"	18	73156	-	7.3	
	2-3/4"	18	73158	-	7.8	
	3"	18	73160	-	8.4	
	3-1/2"	18	73164	-	9.5	
	4"	18	73168	-	10.5	
	4-1/2"	18	73172	-	9.5	20
	5"	18	73176	-	10.5	

Stainless Socket Cap Screws

COARSE AND FINE THREAD SERIES • NON-HEAT TREATED

• UNIFIED 3A THREAD FIT • MEETS ASME/ANSI B18.3



DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER		APPROX. WT. LBS. PER BOX	QTY IN BOX
		UNRC	UNRF		
#2 (.086") 56 UNRC 5/64" Key	1/4"	78004	-	0.1	100
	3/8"	78006	-	0.1	
	1/2"	78010	-	0.2	
#4 (.112") 40 UNRC 3/32" Key	3/8"	78012	-	0.2	100
	1/2"	78014	-	0.3	
	3/4"	78016	-	0.3	
#6 (.138") 32 UNRC 7/64" Key	1/2"	78020	-	0.4	100
	5/8"	78022	-	0.4	
	3/4"	78024	-	0.4	
	3/8"	78026	-	0.5	
	1/2"	78028	-	0.5	
#8 (.164") 32 UNRC 9/64" Key	5/8"	78030	-	0.6	100
	3/4"	78032	-	0.7	
	1"	78034	-	0.8	

DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER		APPROX. WT. LBS. PER BOX	QTY IN BOX		
		UNRC	UNRF				
#10 (.190") 24 UNRC 32 UNRF 5/32" Key	3/8"	78036	79018	0.6	100		
	1/2"	78038	79020	0.7			
	5/8"	78040	79022	0.8			
	3/4"	78042	79024	0.9			
	7/8"	78044	79026	0.9			
	1"	-	79028	1.0			
	1-1/4"	-	79030	1.3			
	1-1/2"	-	79032	1.4			
	1/4" (.250") 20 UNRC 28 UNRF 3/16" Key	3/8"	78052	-		1.0	100
		1/2"	78054	-		1.2	
5/8"		78056	79036	1.4			
3/4"		78058	79038	1.5			

Stainless Socket Cap Screws

COARSE AND FINE THREAD SERIES • NON-HEAT TREATED
• UNIFIED 3A THREAD FIT • MEETS ASME/ANSI B18.3



DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER		APPROX. WT. LBS. PER BOX	QTY IN BOX
		UNRC	UNRF		
1/4" (Cont.)	7/8"	78060	-	1.6	100
	1"	78062	79040	1.8	
	1-1/4"	78064	-	2.1	
	1-1/2"	78066	-	2.5	
	1-3/4"	78068	-	2.8	
5/16" (.312") 18 UNRC 1/4" Key	2"	78070	-	3.0	100
	1/2"	78072	-	2.0	
	3/4"	78076	-	2.5	
	7/8"	78078	-	2.7	
	1"	78080	-	2.9	
	1-1/4"	78082	-	3.4	
	1-1/2"	78084	-	3.9	
2"	78088	-	4.9		

DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER		APPROX. WT. LBS. PER BOX	QTY IN BOX
		UNRC	UNRF		
3/8" (.375") 16 UNRC 5/16" Key	1/2"	78090	-	3.4	100
	5/8"	78092	-	3.8	
	3/4"	78094	-	4.0	
	1"	78098	-	4.6	
	1-1/4"	78100	-	5.2	
1/2" (.500") 13 UNRC 3/8" Key	1-1/2"	78102	-	6.0	50
	1-3/4"	78104	-	3.3	
	2"	78106	-	3.9	
	2-1/2"	78108	-	4.5	
	1"	78112	-	4.8	
1/2" (.500") 13 UNRC 3/8" Key	1-1/4"	78114	-	5.3	50
	1-1/2"	78116	-	6.3	
	1-3/4"	78118	-	6.6	
	2"	78120	-	7.4	

Socket Low Head Cap Screws

COARSE AND FINE THREAD SERIES
HEAT TREATED ALLOY STEEL • UNIFIED 3A THREAD FIT



DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER		APPROX. WT. LBS. PER BOX	QTY IN BOX
		UNRC	UNRF		
#8 (.164") 32 UNRC 5/64" Key	3/8"	68002	-	0.3	100
	1/2"	68004	-	0.3	
	3/4"	68008	-	0.5	
	1"	68010	-	0.7	
#10 (.190") 24 UNRC 32 UNRF 3/32" Key	3/8"	68012	69002	0.4	100
	1/2"	68014	69004	0.5	
	5/8"	-	69006	0.6	
	3/4"	68018	69008	0.7	
1/4" (.250") 20 UNRC 1/8" Key	3/8"	68022	-	0.7	100
	1/2"	68024	-	0.8	
	5/8"	68026	-	1.1	
	3/4"	68028	-	1.2	
	1"	68030	-	1.3	

DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER		APPROX. WT. LBS. PER BOX	QTY IN BOX
		UNRC	UNRF		
5/16" (.312") 18 UNRC 5/32" Key	1/2"	68032	-	1.4	100
	3/4"	68034	-	1.8	
	1"	68036	-	2.2	
	1-1/4"	68038	-	2.8	
	1-1/2"	68040	-	3.3	
3/8" (.375") 16 UNRC 3/16" Key	1/2"	68042	-	2.2	100
	3/4"	68044	-	2.8	
	1"	68046	-	3.5	
	1-1/4"	68048	-	4.2	
	1-1/2"	68050	-	5.0	
1/2" (.500") 13 UNRC 1/4" Key	1"	68052	-	3.7	50
	1-1/4"	68054	-	4.1	
	1-1/2"	68056	-	4.7	

PLEASE ORDER BY PRODUCT CODE NUMBER

Socket Flat Head Cap Screws

COARSE AND FINE THREAD SERIES

HEAT TREATED ALLOY STEEL • UNIFIED 3A THREAD FIT
MEETS ASME/ANSI B18.3



DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER		APPROX. WT. LBS. PER BOX	QTY IN BOX
		UNRC	UNRF		
#4 (.112") 40 UNRC 1/16" Key	1/4"	60002	-	0.1	100
	3/8"	60004	-	0.2	
	1/2"	60006	-	0.2	
	5/8"	60008	-	0.2	
	3/4"	60010	-	0.3	
#5 (.125") 40 UNRC 5/64" Key	1/4"	60012	-	0.1	100
	3/8"	60014	-	0.2	
	1/2"	60016	-	0.2	
	5/8"	60018	-	0.3	
	3/4"	60020	-	0.3	
#6 (.138") 32 UNRC 5/64" Key	1/4"	60022	-	0.2	100
	3/8"	60024	-	0.2	
	1/2"	60026	-	0.3	
	5/8"	60028	-	0.3	
	3/4"	60030	-	0.3	
#8 (.164") 32 UNRC 3/32" Key	3/8"	60032	-	0.3	100
	1/2"	60034	-	0.3	
	5/8"	60036	-	0.4	
	3/4"	60038	-	0.5	
	1"	60040	-	0.6	
#10 (.190") 24 UNRC 32 UNRF 1/8" Key	3/8"	60042	61002	0.4	100
	1/2"	60044	61004	0.5	
	5/8"	60046	61006	0.6	
	3/4"	60048	61008	0.6	
	1"	60050	61010	0.8	
	1-1/4"	60052	61012	1.0	
	1-1/2"	60054	61014	1.2	
	3/8"	60056	61016	0.8	
	1/2"	60058	61018	0.9	
	5/8"	60060	61020	1.0	
1/4" (.250") 20 UNRC 28 UNRF 5/32" Key	3/4"	60062	61022	1.2	100
	1"	60064	61024	1.4	
	1-1/4"	60066	61026	1.7	
	1-1/2"	60068	61028	2.1	
	1-3/4"	60070	-	2.5	
5/16" (.312") 18 UNRC 24 UNRF 3/16" Key	2"	60072	-	2.8	100
	1/2"	60074	61030	1.6	
	5/8"	60076	61032	1.7	
	3/4"	60078	61034	2.0	
	1"	60080	61036	2.4	
3/16" (.1875") 12 UNRC 16 UNRF 1/16" Key	1-1/4"	60082	61038	2.9	100
	1-1/2"	60084	61040	3.4	

DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER		APPROX. WT. LBS. PER BOX	QTY IN BOX
		UNRC	UNRF		
5/16" (.312") 18 UNRC 24 UNRF 3/16" Key	1-1/2"	60084	-	3.4	100
	1-3/4"	60086	-	4.0	
	2"	60088	-	4.5	
	2-1/4"	60090	-	5.1	
	2-1/2"	60092	-	5.5	
3/8" (.375") 16 UNRC 24 UNRF 7/32" Key	5/8"	60096	61040	2.8	100
	3/4"	60098	61042	3.0	
	1"	60100	61044	3.8	
	1-1/4"	60102	61046	4.5	
	1-1/2"	60104	61048	5.0	
7/16" (.437") 14 UNRC 1/4" Key	1-3/4"	60106	-	3.0	50
	2"	60108	-	3.5	
	2-1/4"	60110	-	3.8	
	2-1/2"	60112	-	4.2	
	3"	60114	-	4.9	
1/2" (.500") 13 UNRC 20 UNRF 5/16" Key	3/4"	60116	-	3.8	100
	1"	60118	-	4.8	
	1-1/4"	60120	-	2.8	
	1-1/2"	60122	-	3.4	
	3/4"	60124	61050	2.4	
5/8" (.625") 11 UNRC 3/8" Key	1"	60126	61052	3.0	25
	1-1/4"	60128	61054	3.8	
	1-1/2"	60130	61056	4.4	
	1-3/4"	60132	61058	4.9	
	2"	60134	61060	5.5	
	2-1/4"	60136	-	3.3	
	2-1/2"	60138	-	3.6	
	3"	60140	-	4.4	
	1-1/4"	60142	-	3.3	
	1-1/2"	60144	-	3.8	
3/4" (.750") 10 UNRC 1/2" Key	1-3/4"	60146	-	4.3	25
	2"	60148	-	4.7	
	2-1/4"	60150	-	5.1	
	2-1/2"	60152	-	5.6	
	3"	60154	-	6.8	
1" (1.000") 8 UNRC 12 UNRF 1/4" Key	1-1/2"	60158	-	5.8	100
	1-3/4"	60160	-	6.5	
	2"	60162	-	7.3	
	2-1/2"	60166	-	8.3	
	3"	60168	-	9.8	

Socket Button Head Cap Screws

COARSE AND FINE THREAD SERIES

HEAT TREATED ALLOY STEEL • UNIFIED 3A THREAD FIT
MEETS ASME/ANSI B18.3



DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER		APPROX. WT. LBS. PER BOX	QTY IN BOX
		UNRC	UNRF		
#4 (.112") 40 UNRC 1/16" Key	1/4"	64002	-	0.1	100
	3/8"	64004	-	0.2	
	1/2"	64006	-	0.2	
#6 (.138") 32 UNRC 5/64" Key	1/4"	64008	-	0.2	100
	3/8"	64010	-	0.2	
	1/2"	64012	-	0.3	
	5/8"	64014	-	0.3	
#8 (.164") 32 UNRC 3/32" Key	1/4"	64016	-	0.3	100
	3/8"	64018	-	0.3	
	1/2"	64020	-	0.4	
	5/8"	64022	-	0.4	
	3/4"	64024	-	0.5	
#10 (.190") 24 UNRC 32 UNRF 1/8" Key	1"	88348	-	0.7	50
	1/4"	64026	65002	0.4	
	3/8"	64028	65004	0.4	
	1/2"	64030	65006	0.5	
	5/8"	64032	65008	0.6	
	3/4"	64034	65010	0.7	
1/4" (.250") 20 UNRC 28 UNRF 5/32" Key	7/8"	64036	65012	0.4	100
	1"	64038	65014	0.4	
	3/8"	64040	65016	0.8	
	1/2"	64042	65018	0.8	
	5/8"	64044	65020	0.9	
	3/4"	64046	65022	1.1	

DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER		APPROX. WT. LBS. PER BOX	QTY IN BOX
		UNRC	UNRF		
1/4" (Cont.)	7/8"	64048	-	0.6	50
	1"	64050	65024	0.7	
5/16" (.312") 18 UNRC 24 UNRF 3/16" Key	3/8"	64052	65026	1.1	100
	1/2"	64054	65028	1.4	
	5/8"	64056	65030	1.6	
	3/4"	64058	65032	1.8	
	7/8"	64060	-	1.0	
3/8" (.375") 16 UNRC 24 UNRF 7/32" Key	1"	64062	65034	1.1	50
	1/2"	64064	65036	1.1	
	5/8"	64066	-	1.2	
	3/4"	64068	65037	2.5	
1/2" (.500") 13 UNRC 5/16" Key	7/8"	64070	-	1.5	25
	1"	64072	65038	1.6	
	1-1/4"	64074	-	2.0	
	1"	64076	-	1.7	
5/8" (.625") 11 UNRC 3/8" Key	1-1/4"	64078	-	2.0	25
	1-1/2"	64080	-	2.3	
	2"	64082	-	3.0	
	1"	64084	-	2.9	
	1-1/4"	64086	-	3.3	
	1-1/2"	64088	-	3.8	
	2"	64090	-	4.8	

PLEASE ORDER BY PRODUCT CODE NUMBER





Socket Set Screws

COARSE AND FINE THREAD SERIES

HEAT TREATED ALLOY STEEL • UNIFIED 3A THREAD FIT
MEETS ASME/ANSI B18.3

CUP POINT

DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER		APPROX. WT. LBS. PER BOX	QTY IN BOX
		UNC	UNF		
#4 (.112") 40 UNC 48 UNF .050" Key	1/8"	32020	33020	0.1	100
	3/16"	32022	33022	0.1	
	1/4"	32024	33024	0.1	
	5/16"	32026	-	0.1	
	3/8"	32028	-	0.1	
	1/2"	32030	-	0.1	
5/8"	32032	-	0.2		
#5 (.125") 40 UNC 44 UNF 1/16" Key	1/8"	32034	33026	0.1	100
	3/16"	32036	-	0.1	
	1/4"	32038	-	0.1	
	5/16"	32040	-	0.1	
	3/8"	32042	-	0.1	
	1/2"	32044	-	0.2	
5/8"	32046	-	0.2		
3/4"	32048	-	0.2		
#6 (.138") 32 UNC 40 UNF 1/16" Key	1/8"	32050	33032	0.1	100
	3/16"	32052	33034	0.1	
	1/4"	32054	33036	0.1	
	5/16"	32056	-	0.1	
	3/8"	32058	33040	0.1	
	1/2"	32060	-	0.2	
	5/8"	32062	-	0.2	
	3/4"	32064	-	0.3	
	7/8"	32066	-	0.3	
1"	32068	-	0.4		
#8 (.164") 32 UNC 36 UNF 5/64" Key	1/8"	32070	33042	0.1	100
	3/16"	32072	33044	0.1	
	1/4"	32074	33046	0.1	
	5/16"	32076	-	0.2	
	3/8"	32078	33050	0.2	
	7/16"	32080	-	0.2	
	1/2"	32082	-	0.2	
	5/8"	32084	-	0.3	
	3/4"	32086	-	0.3	
	7/8"	32088	-	0.4	
	1"	32090	-	0.5	

DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER		APPROX. WT. LBS. PER BOX	QTY IN BOX
		UNC	UNF		
#10 (.190") 24 UNC 32 UNF 3/32" Key	3/16"	32092	33054	0.1	100
	1/4"	32094	33056	0.1	
	5/16"	32096	33058	0.2	
	3/8"	32098	33060	0.3	
	1/2"	32100	33062	0.3	
	5/8"	32102	33064	0.3	
	3/4"	32104	33066	0.4	
	7/8"	32106	-	0.4	
	1"	32108	33068	0.5	
	1-1/4"	32110	33070	0.6	
1/4" (.250") 20 UNC 28 UNF 1/8" Key	3/16"	32112	33072	0.3	100
	1/4"	32114	33074	0.3	
	5/16"	32116	33076	0.3	
	3/8"	32118	33078	0.4	
	1/2"	32120	33080	0.5	
	5/8"	32122	33082	0.6	
	3/4"	32124	33084	0.8	
	7/8"	32126	-	0.9	
	1"	32128	33086	1.0	
	1-1/4"	32130	33088	1.3	
5/16" (.312") 18 UNC 24 UNF 5/32" Key	1-1/2"	32132	-	1.6	50
	1-3/4"	32134	-	.9	
	2"	32136	-	1.0	
	1/4"	32138	33090	0.4	
	5/16"	32140	33092	0.4	
5/16" (.312") 18 UNC 24 UNF 5/32" Key	3/8"	32142	33094	0.5	100
	7/16"	32144	-	0.6	
	1/2"	32146	33096	0.8	
	5/8"	32148	33098	1.0	
	3/4"	32150	33100	1.2	
	7/8"	32152	-	1.4	
	1"	32154	33102	1.7	
	1-1/4"	32156	-	2.0	
	1-1/2"	32158	-	2.4	
	1-3/4"	32160	-	1.3	
2"	32162	-	1.4		



Socket Set Screws

COARSE AND FINE THREAD SERIES

HEAT TREATED ALLOY STEEL • UNIFIED 3A THREAD FIT
MEETS ASME/ANSI B18.3

INCH FASTENERS

CUP POINT

DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER		APPROX. WT. LBS. PER BOX	QTY IN BOX
		UNC	UNF		
3/8" (.375") 16 UNC 24 UNF 3/16" Key	1/4"	32164	33104	0.7	100
	3/8"	32168	33106	0.9	
	7/16"	32170	-	1.0	
	1/2"	32172	33108	1.1	
	5/8"	32174	33110	1.3	
	3/4"	32176	33112	1.8	
	7/8"	32178	-	2.0	
	1"	32180	33114	2.3	
	1-1/4"	32182	33116	2.9	
	1-1/2"	32184	33118	3.5	
7/16"	1-3/4"	32186	-	2.0	50
	2"	32188	-	2.3	
	2-1/2"	32190	-	3.0	
	3/8"	32192	33120	1.1	
	7/16"	32194	33122	1.3	
	1/2"	32196	33124	1.4	
7/16" (.437") 14 UNC 20 UNF 7/32" Key	5/8"	32198	-	1.8	100
	3/4"	32200	-	2.3	
	7/8"	32202	-	1.3	
	1"	32204	-	1.5	
	1-1/4"	32206	-	2.0	
	1-1/2"	32208	-	2.4	
	2"	32210	-	3.3	
1/2" (.500") 13 UNC 20 UNF 1/4" Key	3/8"	32212	-	1.5	100
	1/2"	32214	33126	2.0	
	5/8"	32216	-	2.5	
	3/4"	32218	33128	2.8	
	7/8"	32220	-	1.7	
	1"	32222	33130	2.0	
1/2"	1-1/4"	32224	-	2.4	50
	1-1/2"	32226	-	3.0	

DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER		APPROX. WT. LBS. PER BOX	QTY IN BOX
		UNC	UNF		
1/2" (Cont.)	1-3/4"	32228	-	1.8	25
	2"	32230	-	2.1	
	2-1/2"	32232	-	2.6	
5/8" (.625") 11 UNC 18 UNF 5/16" Key	3"	32234	-	3.1	100
	1/2"	32236	-	2.8	
	5/8"	32238	33132	1.8	
	3/4"	32240	-	2.1	
	1"	32242	33134	3.0	
	1-1/4"	32244	-	1.9	
	1-1/2"	32246	-	2.4	
	1-3/4"	32248	-	2.9	
	2"	32250	-	3.2	
	2-1/2"	32252	-	1.7	
3/4" (.750") 10 UNC 3/8" Key	3"	32254	-	2.1	50
	5/8"	32256	-	2.8	
	3/4"	32258	-	3.3	
	1"	32260	-	4.3	
	1-1/4"	32262	-	2.7	
3/4" (.750") 10 UNC 3/8" Key	1-1/2"	32264	-	3.4	25
	1-3/4"	32266	-	1.6	
	2"	32268	-	1.8	
	2-1/2"	32270	-	2.4	
	3"	32272	-	2.9	
7/8" (.875") 9 UNC 1/2" Key	7/8"	32274	-	0.9	10
	1"	32276	-	1.0	
	2-1/2"	32282	-	3.1	
1" (1.000") 8 UNC 9/16" Key	1"	32286	-	1.3	10
	1-1/2"	32288	-	2.2	
	2"	32290	-	3.2	
1"	3"	32294	-	5.0	

PLEASE ORDER BY PRODUCT CODE NUMBER





Socket Set Screws

COARSE AND FINE THREAD SERIES

HEAT TREATED ALLOY STEEL • UNIFIED 3A THREAD FIT
MEETS ASME/ANSI B18.3

HOLO-KNURL® POINT

DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER		APPROX. WT. LBS. PER BOX	QTY IN BOX
		UNC	UNF		
#4 (.112") 40 UNC .050" Key	1/8"	42002	-	0.1	100
#6 (.138") 32 UNC 40 UNF 1/16" Key	1/8"	42008	43006	0.1	100
	3/16"	42010	-	0.1	
	1/4"	42012	-	0.1	
#8 (.164") 32 UNC 5/64" Key	1/8"	42014	-	0.1	100
	3/16"	42016	-	0.1	
	1/4"	42018	-	0.1	
	3/8"	42020	-	0.2	
#10 (.190") 24 UNC 32 UNF 3/32" Key	3/16"	-	43008	0.1	100
	1/4"	42024	43010	0.1	
	3/8"	-	43012	0.3	
	1/2"	-	43014	0.3	

DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER		APPROX. WT. LBS. PER BOX	QTY IN BOX
		UNC	UNF		
1/4" (.250") 20 UNC 28 UNF 1/8" Key	3/16"	42026	43016	0.3	100
	1/4"	42028	43018	0.3	
	5/16"	42030	43020	0.3	
	3/8"	42032	43022	0.4	
	1/2"	42034	-	0.5	
5/16" (.312") 18 UNC 24 UNF 5/32" Key	1/2"	42036	-	0.8	100
	3/4"	42038	43024	0.4	
	1"	42040	43026	0.4	
	1 1/4"	42042	43028	0.5	
3/8" (.375") 16 UNC 24 UNF 3/16" Key	1/2"	42043	43030	0.8	100
	5/8"	42044	-	1.0	
	3/4"	42045	-	1.2	
	1"	42046	-	1.7	
	1 1/4"	42047	43032	0.9	
1/2" (.500") 13 UNC 1/4" Key	1/2"	42048	43034	1.1	100
	3/4"	42049	-	1.8	
	1"	42050	-	2.3	
	1 1/4"	42052	-	2.0	
5/8" (.625") 11 UNC 1/2" Key	5/8"	42054	-	2.5	50
	3/4"	42056	-	2.8	
	1"	42058	-	2.0	



HOLO-KNURL® POINT

INTERNAL KNURL POINT SOCKET SET SCREW
— with the following advantages:

- Ratchet Locking Action
- Superior Holding Power
- Thermo-Forged® Point and Socket
- Precision Ground or Rolled Threads
- Heat Treated Alloy Steel



Socket Shoulder Screws

HEAT TREATED ALLOY STEEL • UNIFIED 3A THREAD FIT
MEETS ASME/ANSI B18.3

DIAMETER	SHOULDER LENGTH	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY IN BOX		
1/4" (.246") (.248") 1/8" Key	3/8"	08002	0.4	25		
	1/2"	08004	0.4			
	5/8"	08006	0.4			
	3/4"	08008	0.5			
	1"	08010	0.6			
	1-1/4"	08012	0.6			
	1-1/2"	08014	0.8			
	3/8"	08016	0.4			
	5/16" (.3085") (.3105") 5/32" Key	1/2"	08018		0.4	25
		5/8"	08020		0.7	
3/4"		08022	0.8			
1"		08024	0.9			
1-1/4"		08026	1.0			
1-1/2"		08028	1.1			
1-3/4"		08030	1.3			
2"		08032	1.4			
3/8"		08034	0.9			
1/2"		08036	1.0			
3/8" (.371") (.373") 3/16" Key	5/8"	08038	1.1	25		
	3/4"	08040	1.3			
	1"	08042	1.4			
	1-1/4"	08046	1.6			
	1-1/2"	08048	1.9			
	1-3/4"	08049	2.1			
	2"	08050	2.3			
	2-1/4"	08052	2.4			
	2-1/2"	08054	2.6			
	2-3/4"	08056	2.9			
THREAD SERIES 5/16-18 UNRC	3"	08058	3.1	25		
	3-1/4"	08060	3.3			
	3-1/2"	08062	3.5			
	4"	08064	3.9			
	1/2"	08066	2.0			
	5/8"	08068	2.3			
	1/2" (.496") (.498") 1/4" Key	3/4"	08070		2.4	25
		1"	08072		2.8	
		1-1/4"	08074		3.1	
		1-1/2"	08076		3.4	
1-3/4"		08078	3.8			
2"		08080	4.1			
2-1/4"		08082	4.5			
2-1/2"		08084	4.9			
2-3/4"		08086	5.2			

DIAMETER	SHOULDER LENGTH	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY IN BOX
1/2" (.496") (.498") 1/4" Key	3"	08088	5.6	25
	3-1/4"	08090	5.9	
	3-1/2"	08092	6.3	
	3-3/4"	08093	6.5	
	4"	08094	7.0	
	4-1/4"	08095	7.2	
	4-1/2"	08096	3.0	
	4-3/4"	08097	3.2	
	5"	08098	3.4	
	1-1/4"	08100	5.0	
THREAD SERIES 3/8-16 UNRC	1-1/2"	08102	5.6	25
	1-3/4"	08104	6.3	
	2"	08106	6.8	
	2-1/4"	08108	7.4	
	2-1/2"	08110	7.9	
	2-3/4"	08112	8.5	
	3"	08114	8.9	
	3-1/4"	08116	9.5	
	3-1/2"	08118	10.0	
	3-3/4"	08117	10.5	
THREAD SERIES 1/2-13 UNRC	4"	08120	4.4	10
	4-1/4"	08119	4.6	
	4-1/2"	08122	5.0	
	4-3/4"	08121	5.1	
	5"	08124	5.2	
	5-1/2"	08123	6.2	
	6"	08125	6.6	
	1-1/2"	08126	3.6	
	1-3/4"	08128	3.8	
	2"	08130	4.0	
3/4" (.746") (.748") 3/8" Key	2-1/4"	08132	4.4	10
	2-1/2"	08134	4.8	
	2-3/4"	08136	5.0	
	3"	08138	5.4	
	3-1/4"	08139	5.6	
	3-1/2"	08140	6.0	
	3-3/4"	08141	6.3	
	4"	08142	6.6	
	4-1/4"	08143	7.0	
	4-1/2"	08144	7.2	
THREAD SERIES 5/8-11 UNRC	4-3/4"	08145	7.6	10
	5"	08146	7.8	
	5-1/2"	08148	8.5	
	6"	08150	9.1	

PLEASE ORDER BY PRODUCT CODE NUMBER





Standard Dowel Pins Black Luster Finish

.0002 OVER LISTED DIAMETER • RUST RESISTANT
MEETS ASME/ANSI B18.8.2

DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY IN BOX
1/8"	3/8"	01002	0.5	100
	1/2"	01004	0.5	
	5/8"	01006	0.5	
	3/4"	01008	0.5	
	7/8"	01010	0.5	
	1"	01012	0.5	
	1-1/4"	01014	0.5	
	1-1/2"	01016	0.5	
	2"	01020	1.0	
3/16"	1/2"	01022	0.5	100
	5/8"	01024	0.5	
	3/4"	01026	0.5	
	7/8"	01028	0.5	
	1"	01030	1.0	
	1-1/4"	01032	1.5	
	1-1/2"	01034	1.5	
	1-3/4"	01036	1.5	
	2"	01038	1.5	
1/4"	1/2"	01040	1.0	100
	5/8"	01042	1.0	
	3/4"	01044	1.0	
	7/8"	01046	1.5	
	1"	01048	1.5	
	1-1/4"	01050	2.0	
	1-1/2"	01052	2.0	
	1-3/4"	01054	2.5	
	2"	01056	3.0	
2-1/4"	01058	3.3		
2-1/2"	01060	3.5		
5/16"	1/2"	01062	1.5	100
	5/8"	01064	1.5	
	3/4"	01066	2.0	
	7/8"	01068	2.0	
	1"	01070	2.0	
	1-1/4"	01072	3.0	
	1-1/2"	01074	3.5	
	1-3/4"	01076	4.0	
	2"	01078	4.5	
2-1/4"	01080	5.0		
2-1/2"	01082	5.5		
3"	01084	6.5		

DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY IN BOX
3/8"	1/2"	01086	2.0	100
	5/8"	01088	2.0	
	3/4"	01090	2.5	
	7/8"	01092	2.5	
	1"	01094	3.0	
	1-1/4"	01096	4.0	
	1-1/2"	01098	5.0	
	1-3/4"	01100	2.2	
	2"	01102	2.6	
7/16"	2-1/4"	01104	2.8	40
	2-1/2"	01106	3.2	
	3"	01108	3.8	
	1"	01110	1.8	
	1-1/4"	01112	2.2	
	1-1/2"	01114	2.6	
	2"	01118	3.6	
	2-1/2"	01120	4.4	
	3"	01122	5.2	
1/2"	3/4"	01124	1.8	40
	1"	01126	2.4	
	1-1/4"	01128	2.8	
	1-1/2"	01130	3.4	
	1-3/4"	01132	4.0	
	2"	01134	4.6	
	2-1/4"	01136	2.6	
	2-1/2"	01138	2.8	
	3"	01140	3.4	
3-1/2"	01142	4.0		
5/8"	4"	01144	4.6	10
	1"	01146	0.9	
	1-1/4"	01148	1.2	
	1-1/2"	01150	1.4	
	1-3/4"	01152	1.6	
	2"	01154	1.8	
	2-1/2"	01158	2.3	
	3"	01160	2.7	
	3-1/2"	01162	3.2	
4"	01164	3.6		



Standard Dowel Pins Black Luster Finish

.0002 OVER LISTED DIAMETER • RUST RESISTANT
MEETS ASME/ANSI B18.8.2

DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY IN BOX
3/4"	2"	01170	2.5	10
	2-1/2"	01172	3.2	
	3"	01174	3.8	
	3-1/2"	01176	4.4	
	4"	01178	5.1	
7/8"	2"	01186	3.5	10
	2-1/2"	01188	4.4	
	3"	01190	5.3	
	4"	01194	6.9	

DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY IN BOX
1"	2"	01202	4.5	10
	2-1/2"	01204	5.7	
	3"	01206	6.8	
	4"	01210	9.2	



Oversize Dowel Pins Black Luster Finish

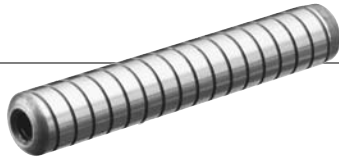
.001 OVER LISTED DIAMETER • RUST RESISTANT
MEETS ASME/ANSI B18.8.2

DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY IN BOX
1/8"	1/2"	03004	0.5	100
	3/4"	03008	0.5	
	1"	03010	0.5	
3/16"	1/2"	03016	0.5	100
	1"	03022	1.0	
	1-1/2"	03026	1.5	
1/4"	1/2"	03030	1.0	100
	3/4"	03034	1.0	
	1"	03036	1.5	
	1-1/4"	03038	2.0	
	1-1/2"	03040	2.0	
	2"	03042	3.0	

DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY IN BOX
5/16"	1"	03046	2.0	100
	1-1/2"	03050	3.5	
3/8"	1"	03058	3.0	100
	1-1/4"	03060	4.0	
	1-1/2"	03062	5.0	
1/2"	1"	03070	2.4	40
	1-1/2"	03074	3.4	
	2"	03076	4.6	

WARNING

ALWAYS PRESS DOWEL PINS INTO PLACE USING AN ARBOR PRESS. NEVER STRIKE WITH ANY MATERIAL OR TOOL, INCLUDING A HAMMER. DOING SO MAY CAUSE THE DOWEL TO SPLINTER AND MAY RESULT IN SERIOUS BODILY INJURY.



Pull-Dowels

HEAT TREATED ALLOY STEEL • 8 RMS MICROINCH FINISH
BRIGHT FINISH

HARDNESS: SURFACE-ROCKWELL C 60-64, CORE-ROCKWELL C 50-58
AVG SHEAR STRENGTH: 150,000 psi DIA: .0002 • ROUNDNESS: .00005 T.I.R.

DIAMETER	LENGTH OVERALL	THREAD SIZE	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY IN BOX
5/16"	3/4"	#10-32 UNF-2B	04022	0.3	20
	1"	#10-32 UNF-2B	04026	0.4	
	1-1/4"	#10-32 UNF-2B	04028	0.6	
	1-1/2"	#10-32 UNF-2B	04030	0.7	
	2"	#10-32 UNF-2B	04034	0.9	
	2-1/2"	#10-32 UNF-2B	04038	1.4	
3/8"	1"	#10-32 UNF-2B	04042	0.6	20
	1-1/4"	#10-32 UNF-2B	04044	0.8	
	1-1/2"	#10-32 UNF-2B	04046	0.9	
	1-3/4"	#10-32 UNF-2B	04048	1.1	
	2"	#10-32 UNF-2B	04050	1.3	
	2-1/4"	#10-32 UNF-2B	04052	3.0	
	2-1/2"	#10-32 UNF-2B	04054	1.6	
	3"	#10-32 UNF-2B	04056	1.9	

DIAMETER	LENGTH OVERALL	THREAD SIZE	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY IN BOX
1/2"	1"	1/4-20 UNC-2B	04058	1.1	20
	1-1/4"	1/4-20 UNC-2B	04060	1.4	
	1-1/2"	1/4-20 UNC-2B	04062	1.7	
	1-3/4"	1/4-20 UNC-2B	04064	2.0	
	2"	1/4-20 UNC-2B	04066	2.2	
	2-1/4"	1/4-20 UNC-2B	04068	2.6	
	2-1/2"	1/4-20 UNC-2B	04070	2.8	
	3"	1/4-20 UNC-2B	04072	3.4	
5/8"	3-1/2"	1/4-20 UNC-2B	04074	4.0	10
	1-1/2"	1/4-20 UNC-2B	04078	1.3	
	2"	1/4-20 UNC-2B	04082	1.8	
	2-1/4"	1/4-20 UNC-2B	04084	5.1	
3/4"	2-1/2"	1/4-20 UNC-2B	04086	2.2	10
	3"	1/4-20 UNC-2B	04088	2.7	
	2"	5/16-18 UNC-2B	04094	2.5	
	2-1/2"	5/16-18 UNC-2B	04096	3.2	
	3"	5/16-18 UNC-2B	04098	3.8	
	4"	5/16-18 UNC-2B	04100	5.1	
1"	2"	3/8-16 UNC-2B	04102	4.5	10
	3"	3/8-16 UNC-2B	04106	6.7	
	4"	3/8-16 UNC-2B	04110	9.0	



Allenuts®

COARSE AND FINE THREADS

MATERIAL: HEAT TREATED STEEL • THREADS: UNC/UNF

DIAMETER THREADS PER INCH	KEY SIZE	PRODUCT CODE NUMBER	PKG. WT., LB	PKG. QTY.
#4-40	1/8"	06032	0.2	100
#5-40	1/8"	06034	0.2	
#6-32	5/32"	06036	0.4	
#8-32	3/16"	06038	0.4	
#10-24	3/16"	06040	0.6	
#10-32	3/16"	07030	0.6	
1/4-20	1/4"	06042	1.2	
1/4-28	1/4"	07032	1.2	
5/16-18	5/16"	06044	2.2	
5/16-24	5/16"	07034	2.2	
3/8-16	3/8"	06046	3.2	
3/8-24	3/8"	07036	3.2	

DIAMETER THREADS PER INCH	KEY SIZE	PRODUCT CODE NUMBER	PKG. WT., LB	PKG. QTY.	
7/16-14	7/16"	06048	3.4	50	
7/16-20	7/16"	07038	3.4		
1/2-13	1/2"	06050	4.8		
1/2-20	1/2"	07040	4.8		
5/8-11	5/8"	06052	9.0		
5/8-18	5/8"	07042	9.0		
3/4-10	3/4"	06054	13.6		
3/4-16	3/4"	07044	13.6		
7/8-9	7/8"	06056	10.4		25
7/8-14	7/8"	07046	10.4		
1-8	1"	06058	14.8		
1-14	1"	07048	14.8		



Stainless Allenuts®

COARSE AND FINE THREADS

MATERIAL: AUSTENITIC STAINLESS STEEL • THREADS: UNC/UNF

DIAMETER THREADS PER INCH	KEY SIZE	PRODUCT CODE NUMBER	PKG. WT., LB	PKG. QTY.
#4-40	1/8"	06070	0.2	100
#6-32	5/32"	06072	0.4	
#8-32	3/16"	06074	0.4	
#10-24	3/16"	06076	0.6	

DIAMETER THREADS PER INCH	KEY SIZE	PRODUCT CODE NUMBER	PKG. WT., LB	PKG. QTY.
10-32	3/16"	07060	0.6	100
1/4-20	1/4"	06078	1.2	
5/16-18	5/16"	06080	2.2	
3/8-16	3/8"	06082	3.2	



Socket Pressure Plugs

DRYSEAL SOCKET PRESSURE PLUGS

NPTF 3/4" DIAMETRAL TAPER PER FOOT • HEAT TREATED ALLOY STEEL

PRESSURE PLUG SIZE	LENGTH OF PLUG NOMINAL	(NPTF-3/4") THREADS PER INCH	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY IN BOX
1/16"	5/16"	27	10002	0.5	100
1/8"	5/16"	27	10004	0.8	
1/4"	7/16"	18	10006	2.0	
3/8"	1/2"	18	10008	4.0	

PRESSURE PLUG SIZE	LENGTH OF PLUG NOMINAL	(NPTF-3/4") THREADS PER INCH	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY IN BOX
1/2"	9/16"	14	10010	2.9	50
3/4"	5/8"	14	10012	5.1	
1"	3/4"	11 1/2	10014	5.3	25
1-1/4"	13/16"	11 1/2	10016	9.5	

STAINLESS STEEL SOCKET PRESSURE PLUGS

NPTF 3/4" DIAMETRAL TAPER PER FOOT • AUSTENITIC STAINLESS STEEL

PRESSURE PLUG SIZE	LENGTH OF PLUG NOMINAL	(NPTF-3/4") THREADS PER INCH	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY IN BOX
1/8"	5/16"	27	13002	0.8	100

PRESSURE PLUG SIZE	LENGTH OF PLUG NOMINAL	(NPTF-3/4") THREADS PER INCH	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY IN BOX
1/4"	7/16"	18	13004	2.0	100

FLUSH SOCKET PRESSURE PLUGS

PTF 7/8" DIAMETRAL TAPER PER FOOT • HEAT TREATED ALLOY STEEL

PRESSURE PLUG SIZE	LENGTH OF PLUG NOMINAL	(PTF-7/8") THREADS PER INCH	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY IN BOX
1/16"	1/4"	27	12002	0.5	100
1/8"	1/4"	27	12004	0.8	
1/4"	13/32"	18	12006	2.0	

PRESSURE PLUG SIZE	LENGTH OF PLUG NOMINAL	(PTF-7/8") THREADS PER INCH	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY IN BOX
3/8"	13/32"	18	12008	4.0	100
1/2"	17/32"	14	12010	2.9	50
3/4"	17/32"	14	12012	5.1	

BRASS FLUSH SOCKET PRESSURE PLUGS

PTF 7/8" DIAMETRAL TAPER PER FOOT • COMMERCIAL BRASS

PRESSURE PLUG SIZE	LENGTH OF PLUG NOMINAL	(PTF-7/8") THREADS PER INCH	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QUANTITY IN BOX
1/16"	1/4"	27	11100	0.5	100
1/8"	1/4"	27	11102	0.8	
1/4"	13/32"	18	11104	2.0	

PRESSURE PLUG SIZE	LENGTH OF PLUG NOMINAL	(PTF-7/8") THREADS PER INCH	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QUANTITY IN BOX
3/8"	13/32"	18	11106	4.0	100
1/2"	17/32"	14	11108	2.9	50
3/4"	17/32"	14	11110	5.1	

PLEASE ORDER BY PRODUCT CODE NUMBER



Socket Jam Screws

HEAT TREATED ALLOY STEEL • UNIFIED 3A THREAD FIT

DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER		APPROX. WT. LBS. PER BOX	QTY IN BOX
		UNC	UNF		
#4 (.112") 40 UNC	5/64"	06002	-	0.06	100
#8 (.164") 32 UNC	7/64"	06008	-	0.06	100
#10 (.190") 24 UNC 32 UNF	1/8"	06010	07010	0.09	100
1/4" (.250") 20 UNC 28 UNF	1/8"	06012	07012	0.13	100
5/16" (.312") 18 UNC 24 UNF	5/32"	06014	07014	0.25	100
3/8" (.375") 16 UNC 24 UNF	3/16"	06016	07016	0.37	100

DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER		APPROX. WT. LBS. PER BOX	QTY IN BOX
		UNC	UNF		
7/16" (.437") 14 UNC 20 UNF	7/32"	06018	07018	0.50	100
1/2" (.500") 13 UNC 20 UNF	1/4"	06020	07020	0.81	100
5/8" (.625") 11 UNC 18 UNF	5/16"	06022	07022	1.50	100
3/4" (.750") 10 UNC 16 UNF	3/8"	06024	07024	1.50	50
7/8" (.875") 9 UNC 14 UNF	7/16"	06026	07026	0.85	25
1" (1.00") 8 UNC 14 UNF	1/2"	06028	07028	1.30	25

Holo-Krome® Socket Screw Selector

These socket screw selectors are available in inch and metric for your fastener design needs.

Contact Customer Service at 1-800-879-6205 to order.



The World's Third Most Expensive Fastener.



The most expensive fastener anyone can buy is one that fails. The next most expensive fastener is one that saves a few pennies on price, then takes them all back by adding dollars to your in-place costs. Next comes Holo-Krome precision fasteners with greater endurance and fatigue life. They do a better job than ordinary fasteners. Because, unlike fasteners of unknown origin, ours come with more than 75 years of specialized engineering support; manufactured, tested and certified in our Connecticut Facility.

The most expensive fasteners.

The failures. Fasteners that fail to live up to the manufacturer's or importer's claims. Fasteners that save a few pennies initially, but end up costing hundreds, maybe even thousands of dollars in replacement costs. Fasteners of unknown origin that don't carry a manufacturing pedigree. Fasteners that can even cost you your priceless reputation. Fasteners without the unmistakable Holo-Krome brand.



Second most expensive fasteners.

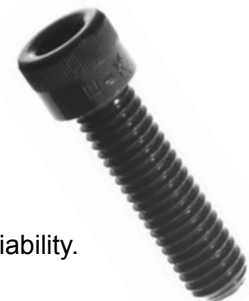
But what they lack in strength, can usually be made up in numbers. So, drill more holes, use more and larger fasteners, and the chances are pretty good that everything will hold together. That is, everything but your budget. Here's why...

18 / 82

When determining total fastener cost, studies show that the per unit price of a given fastener represents only approximately 18% of its total in-place cost. The other 82% covers drilling, tapping, and assembly steps. The real money is saved by using fewer, stronger fasteners. Before you buy imported, or bargain priced fasteners, consider the overall cost figure, and discover where the real value lies.

Third most expensive fasteners.

- Precision 3A threads for greater clamping force.
- Radius root and radius run-out threads for structural integrity.
- Controlled fillets for uniform loading under the head.
- Technical support to assist in solving fastening problems.
- Value added services from over 300 distributors nationwide.
- Inspection at controlled intervals — Filing of test data for long term traceability, long term reliability.



When you consider the less expensive, higher risk alternative, Holo-Krome is the real value. Often the least expensive fastener.



HOLO-KROME®

WHEN IT MATTERS MOST



Critical Application Socket Head Fasteners

Available in Inch
and Metric Sizes

WHEN FAILURE IS NOT AN OPTION

Safety

Holo-Krome consistently offers fasteners that exceed ANSI specifications. Each and every socket head fastener is designed to ensure that it meets and exceeds critical application requirements.

Less Downtime

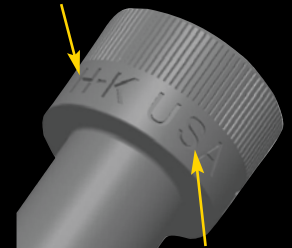
Holo-Krome socket head fasteners offer precision and dimensional consistency to ensure that the fastener goes in as planned – no surprises. Holo-Krome socket heads are engineered for optimal hardness and ductility, enabling them to withstand the rigors of critical application.

Reduced Equipment Risk

With Holo-Krome quality, you get peace of mind knowing that each and every fastener will withstand its intended load and then some. By safeguarding against premature fastener fatigue and failure, you reduce the risk of costly equipment damage.



"H-K" MARKING



MADE IN "USA"
MARKING

CHAMFERED
DRIVE



SIZE MARKING

HOLO-CODE®
TRACEABILITY



LONGER AND
DEEPER KNURLS



HOLO-KROME®

Made in USA
SINCE 1929

www.holo-krome.com



Socket Head Cap Screws

HEAT TREATED ALLOY STEEL TO GRADE 12.9
ISO METRIC THREADS TO ANSI B1.13M

DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY PER BOX
M2 Pitch .4 1.5mm Key	4	76604	0.1	100
	5	76605	0.1	
	6	76606	0.1	
	8	76608	0.1	
	10	76610	0.1	
	12	76612	0.1	
M2.5 Pitch .45 2.0mm Key	5	76655	0.1	100
	6	76656	0.1	
	8	76658	0.1	
	10	76660	0.1	
	12	76662	0.1	
M3 Pitch 0.50 2.5mm Key	5	76004	0.1	100
	6	76008	0.1	
	8	76012	0.2	
	10	76016	0.2	
	12	76020	0.2	
	15	76026	0.2	
	16	76028	0.2	
	20	76032	0.3	
	25	76036	0.3	
	30	76040	0.4	
35	76044	0.5		
M4 Pitch 0.70 3mm Key	5	76048	0.3	100
	6	76052	0.3	
	8	76056	0.3	
	10	76060	0.4	
	12	76064	0.4	
	14	76066	0.5	
	15	76068	0.5	
	16	76072	0.5	
	18	76074	0.6	
	20	76076	0.6	
	25	76080	0.7	
	30	76084	0.8	
	35	76088	0.9	
	40	76092	1.0	
	45	76096	1.0	
50	76100	1.0		

DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY PER BOX
M5 Pitch 0.80 4mm Key	6	76102	0.5	100
	8	76104	0.5	
	10	76108	0.6	
	12	76112	0.6	
	14	76114	0.7	
	15	76118	0.7	
	16	76120	0.7	
	18	76122	0.7	
	20	76124	0.7	
	22	76126	0.9	
	25	76128	0.9	
	30	76132	1.0	
	35	76136	1.4	
	40	76140	1.5	
	45	76144	1.7	
	50	76148	1.9	
	55	76149	2.0	
	60	76150	2.0	
	65	76151	3.0	
	70	76147	3.0	
80	76721	3.0		
90	76722	3.3		
100	76723	3.3		
M6 Pitch 1.00 5mm Key	8	76152	0.9	100
	10	76156	1.0	
	12	76160	1.0	
	14	76162	1.0	
	15	76166	1.0	
	16	76168	1.0	
	18	76170	1.2	
	20	76172	1.4	
	22	76174	1.5	
	25	76176	1.6	
	30	76180	1.8	
	35	76184	2.0	
	40	76188	2.4	
	45	76192	2.6	
	50	76196	2.9	
55	76200	3.0		
60	76204	3.0		
65	76208	3.6		
70	76212	3.8		
75	76216	3.9		

PLEASE ORDER BY PRODUCT CODE NUMBER



Socket Head Cap Screws

HEAT TREATED ALLOY STEEL TO GRADE 12.9
ISO METRIC THREADS TO ANSI B1.13M

DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY PER BOX
M6 Pitch 1.00 5mm Key	80	76217	4.0	100
	90	76218	4.8	
	100	76219	5.0	
	110	76215	6.0	
	10	76220	2.2	
M8 Pitch 1.25 6mm Key	12	76224	2.4	100
	14	76228	2.6	
	15	76230	2.6	
	16	76232	2.6	
	18	76234	2.9	
	20	76236	2.4	
	22	76238	3.2	
	25	76240	3.4	
	30	76244	3.7	
	35	76248	4.0	
	40	76252	4.6	
	45	76256	5.0	
	50	76260	5.5	
	55	76264	5.9	
	60	76268	6.0	
	65	76272	6.8	
	70	76276	7.2	
	75	76280	7.6	
	80	76279	8.0	
	90	76281	9.0	
100	76282	10.0		
110	76283	10.7		
120	76278	11.6		
130	76730	12.8		
140	76734	13.8		
150	76738	14.9		
M10 Pitch 1.50 8mm Key	10	76286	4.0	100
	12	76284	4.0	
	15	76290	4.6	
	16	76292	4.6	
	18	76294	4.9	
	20	76296	5.0	
	22	76298	5.5	
	25	76300	5.7	
	30	76304	6.1	
	35	76308	6.8	
	40	76312	7.5	
	45	76316	8.0	

DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY PER BOX	
M10 (Cont.)	50	76320	8.8	100	
	55	76324	9.6		
	60	76328	5.1		
	65	76332	5.4		
	70	76336	5.8		
M12 Pitch 1.75 10mm Key	75	76340	6.1	50	
	80	76344	6.4		
	90	76348	7.1		
	100	76352	7.8		
	110	76353	8.5		
	120	76357	9.0		
	130	76354	9.9		
	150	76355	11.2		
	12	76780	6.4		100
	15	76782	6.8		
16	76784	6.9			
20	76356	7.0			
25	76360	7.8			
30	76364	8.6			
35	76368	9.4			
40	76372	5.2			
45	76376	5.7			
50	76380	6.1			
55	76384	6.6	50		
60	76388	7.1			
65	76392	7.6			
70	76396	8.1			
75	76400	8.6			
M16 Pitch 2.00 14mm Key	80	76404	9.0	25	
	90	76408	5.0		
	100	76412	5.5		
	110	76416	6.0		
	120	76420	6.4		
	130	76421	6.9		
	140	76418	7.5		
	150	76422	3.3		
	160	76419	3.5		
	170	76791	3.7		10
180	76792	3.8			
190	76793	4.0			
200	76794	4.2			
M16 Pitch 2.00 14mm Key	25	76423	4.2	25	
	30	76424	4.2		
	35	76428	4.8		
	40	76432	5.0		

PLEASE ORDER BY PRODUCT CODE NUMBER



Socket Head Cap Screws

HEAT TREATED ALLOY STEEL TO GRADE 12.9
ISO METRIC THREADS TO ANSI B1.13M

DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY PER BOX
M16 Pitch 2.00 14mm Key	45	76436	5.3	
	50	76440	5.8	
	55	76444	6.2	
	60	76448	6.7	
	65	76452	7.1	25
	70	76456	7.5	
	75	76460	8.0	
	80	76464	8.5	
	90	76468	9.3	
	100	76472	4.0	
	110	76476	4.4	
	120	76480	4.7	
	130	76478	5.1	10
	140	76479	5.5	
	150	76481	5.8	
	160	76482	6.0	
	180	76483	6.2	
	M20 Pitch 2.50 17mm Key	30	76800	16.0
35		76804	3.2	
40		76484	3.2	
45		76488	3.5	
50		76492	3.8	
55		76496	4.0	
60		76500	4.3	
65		76504	4.5	
70		76508	4.8	
75		76512	5.1	
80		76516	5.4	10
90		76520	5.9	
100		76524	6.4	
110		76528	7.0	
120		76532	7.6	
130		76536	8.1	
140		76537	8.7	
150		76540	9.2	
160	76541	9.7		
180	76542	9.9		
200	76543	12.0		
M24 Pitch 3.00 19mm Key	40	76808	15.5	25
	50	76544	6.9	
	55	76810	7.3	10
	60	76548	7.6	
	65	76552	7.9	

DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY PER BOX
M24 Pitch 3.00 19mm Key	70	76556	8.2	
	80	76560	8.9	
	90	76564	9.6	
	100	76568	10.7	10
	110	76569	11.5	
	120	76572	12.3	
	130	76573	13.0	
	140	76574	13.8	
	150	76576	7.3	
	160	76577	7.7	
	180	76578	8.5	5
	200	76579	9.3	
	220	76580	10.1	
	240	76581	2.3	1
260	76583	2.4		
M30 Pitch 3.5 22mm Key	80	76584	15.6	
	90	76585	16.9	
	100	76586	18.2	
	110	76587	9.8	
	120	76592	10.4	
	130	76588	11.0	1
	140	76593	11.6	
	150	76589	2.5	
	160	76594	2.6	
	180	76590	2.9	
	200	76591	3.1	
	220	76595	3.4	
	240	76596	3.6	
	300	76598	4.3	
M36 Pitch 4 27mm Key	80	76900	12.2	
	90	76902	2.7	
	100	76906	2.8	
	110	76910	3.0	
	120	76914	3.3	
	130	76918	3.4	
	140	76922	3.6	1
	150	76926	3.8	
	160	76930	4.0	
	170	76934	4.2	
	180	76938	4.4	
	200	76942	4.7	
	240	76946	5.4	
	260	76950	5.8	

PLEASE ORDER BY PRODUCT CODE NUMBER



Metric Socket Low Head Cap Screws

ISO METRIC THREADS TO ANSI B1.13M

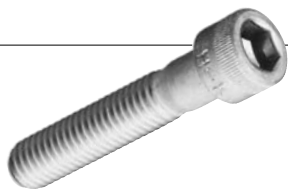


DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY IN BOX	
M4 Pitch 0.70 3mm Key	8	69304	0.3	100	
	10	69308	0.3		
	12	69312	0.3		
	15	69316	0.4		
	16	69320	0.4		
	18	69324	0.5		
	20	69328	0.5		
M5 Pitch 0.80 4mm Key	25	69332	0.6	100	
	30	69336	0.8		
	8	69350	0.5		100
	10	69354	0.6		
	12	69358	0.6		
	14	69362	0.7		
	15	69366	0.7		
16	69370	0.7			
20	69374	0.8			
M6 Pitch 1.00 5mm Key	25	69378	0.5	100	
	30	69382	1.2		
	10	69394	0.8		100
	12	69398	0.9		
	14	69402	1.0		
	15	69406	1.1		
	16	69410	1.1		
	20	69414	1.2		
	25	69418	1.4		
	30	69422	1.6		
35	69426	1.9			
M8 Pitch 1.25 6mm Key	40	69430	2.2	100	
	45	69434	2.4		
	50	69438	2.7		
	12	69450	2.0		100
	15	69455	2.2		
	16	69458	2.1		
	20	69462	2.4		
	25	69466	2.8		
	30	69472	3.2		
	35	69476	3.5		
40	69480	4.1			
45	69484	2.2	50		
50	69488	2.5			
60	69492	2.9			

DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	Qty IN BOX	
M10 Pitch 1.50 8mm Key	15	69501	3.8	100	
	16	69504	3.9		
	20	69508	4.2		
	25	69512	4.8		
	30	69516	5.4		
	35	69520	3.0		50
	40	69524	3.2		
45	69528	3.7			
50	69532	4.1			
55	69536	4.4			
60	69540	4.7			
70	69544	5.4			
M12 Pitch 1.75 10mm Key	20	69550	3.1	25	
	25	69554	3.5		
	30	69558	4.0		
	35	69562	4.3		
	40	69566	2.4		10
	45	69570	2.6		
	50	69574	2.7		
	60	69578	3.4		
	80	69582	4.3		
	100	69586	5.4		
30	69590	1.7	10		
35	69594	1.8			
40	69598	1.9			
45	69602	2.1			
50	69606	2.3			
60	69610	2.5			
70	69614	3.0			
90	69618	3.7			
100	69622	4.0			

Socket Head Cap Screws

STAINLESS STEEL
ISO 4762 ISO 3506-1



DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY PER BOX
M3 Pitch 0.50 2.5mm Key	6	77004	0.1	100
	8	77008	0.2	
	10	77012	0.2	
	12	77016	0.2	
	16	77020	0.2	
M4 Pitch 0.70 3mm Key	8	77044	0.3	100
	10	77048	0.4	
	12	77052	0.4	
	16	77056	0.5	
	20	77060	0.6	
	25	77064	0.7	
	30	77068	0.8	
32	77070	1.0		

DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY PER BOX
M5 Pitch 0.80 4mm Key	10	77084	0.6	100
	12	77088	0.6	
	16	77092	0.7	
	20	77096	0.7	
	22	77098	0.9	
	25	77100	0.9	
	30	77104	1.0	
	35	77108	1.4	
M6 Pitch 1.00 5mm Key	40	77110	1.5	100
	12	77124	1.0	
	16	77128	1.0	
	20	77132	1.4	
	22	77134	1.5	
	25	77136	1.6	
	30	77140	1.8	

PLEASE ORDER BY PRODUCT CODE NUMBER



Socket Flat Head Cap Screws

HEAT TREATED ALLOY STEEL ISO 10642 METRIC THREADS TO ANSI B1.13M



DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY PER BOX
M3 Pitch 0.50 2mm Key	6	87003	0.1	100
	8	87004	0.1	
	10	87008	0.1	
	12	87012	0.1	
	15	87014	0.1	
	16	87016	0.1	
	20	87020	0.2	
	25	87021	0.3	
	30	87022	0.3	
	M4 Pitch 0.70 2.55mm Key	8	87024	
10		87028	0.2	
12		87032	0.3	
15		87034	0.3	
16		87036	0.3	
18		87038	0.5	
20		87040	0.4	
25		87044	0.5	
30		87048	0.6	
35		87049	0.7	
M5 Pitch 0.80 3mm Key	40	87050	0.9	100
	8	87052	0.3	
	10	87056	0.4	
	12	87060	0.4	
	15	87062	0.5	
	16	87064	0.5	
	18	87066	0.6	
	20	87068	0.7	
	25	87072	0.8	
	30	87076	0.9	
M6 Pitch 1.00 4mm Key	35	87077	1.3	100
	40	87078	1.4	
	50	87079	1.8	
	10	87084	0.6	
	12	87088	0.7	
	15	87090	0.8	
	16	87092	0.8	
	18	87094	0.9	
	20	87096	1.0	
	25	87100	1.1	
30	87104	1.3		
35	87108	1.5		
40	87112	1.7		
45	87113	2.1		
50	87114	2.5		
60	87115	2.8		

DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY PER BOX
M8 Pitch 1.25 5mm Key	15	87122	1.5	100
	16	87124	1.6	
	20	87128	1.9	
	25	87132	2.2	
	30	87136	2.5	
	35	87140	2.9	
	40	87144	3.2	
	45	87143	3.9	
	50	87145	4.4	
	55	87418	4.8	
M10 Pitch 1.50 6mm Key	60	87146	5.5	100
	70	87147	6.6	
	15	87151	2.5	
	16	87149	2.6	
	20	87152	3.1	
	25	87156	3.6	
	30	87160	3.1	
	35	87164	4.6	
	40	87168	5.2	
	45	87172	6.4	
M12 Pitch 1.75 8mm Key	50	87176	7.0	50
	55	87173	7.6	
	60	87177	8.0	
	70	87178	4.6	
	80	87174	5.5	
	90	87175	6.0	
	100	87179	6.9	
	20	87180	4.6	
	25	87184	5.4	
	30	87188	6.2	
35	87192	7.0		
M16 Pitch 2.00 10mm Key	40	87196	7.8	25
	45	87200	4.7	
	50	87204	4.7	
	55	87205	5.0	
	60	87206	6.0	
	70	87198	7.0	
	80	87201	8.0	
	90	87202	9.9	
	100	87203	5.6	
	30	87207	5.6	
35	87208	6.4		
40	87212	3.5		
45	87213	4.2		
50	87216	4.3		
55	87218	5.0		
60	87220	5.0		
70	87221	6.3		

Socket Button Head Cap Screws



HEAT TREATED ALLOY STEEL
ISO 7380 METRIC THREADS TO ANSI B1.13M

DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY PER BOX
M3 Pitch 0.50 2mm Key	6	86002	0.1	100
	8	86001	0.1	
	10	86003	0.1	
	12	86005	0.2	
	14	86004	0.2	
	16	86006	0.2	
M4 Pitch 0.70 2.55mm Key	8	86007	0.3	100
	10	86009	0.3	
	12	86011	0.3	
	15	86012	0.4	
	16	86013	0.4	
	M5 Pitch 0.80 3mm Key	10	86015	
12		86017	0.5	
15		86018	0.6	
16		86019	0.6	
20		86021	0.8	
25		86023	0.9	
M6 Pitch 1.00 4mm Key	30	86025	1.0	100
	10	86027	0.7	
	12	86029	0.7	
	15	86030	0.8	
	16	86031	0.9	
	18	86032	1.0	
	20	86033	1.1	
	22	86034	1.2	
25	86035	1.2		
30	86037	1.6		

DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY PER BOX
M8 Pitch 1.25 5mm Key	10	86039	1.0	100
	12	86041	1.2	
	15	86042	1.5	
	16	86043	1.5	
	18	86044	1.7	
	20	86045	1.9	
	25	86047	2.3	
	30	86049	2.8	
	35	86050	3.2	
	40	86051	3.6	
M10 Pitch 1.50 6mm Key	15	86052	3.0	100
	16	86053	3.2	
	20	86055	3.7	
	25	86057	4.2	
	30	86059	4.3	
	35	86060	4.7	
	40	86061	5.0	
	M12 Pitch 1.75 8mm Key	16	86062	
20		86063	4.9	
25		86065	5.7	
30		86070	3.2	
35		86075	3.6	
40		86080	4.0	
50	86085	4.8		

Holo-Krome® Socket Screw Selector

These socket screw selectors are available in inch and metric for your fastener design needs.

Contact Customer Service at 1-800-879-6205 to order.





Socket Shoulder Screws

HEAT TREATED ALLOY STEEL • ISO 7379*** METRIC THREADS TO ANSI B1.13M

DIAMETER	SHOULDER LENGTH	THREAD DIAMETER	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY IN BOX
6mm 3mm KEY	10	M5	09002	.35	25
	12	M5	09001	.35	
	15	M5	09104	.41	
	16	M5	09003	.40	
	20	M5	09005	.45	
	25	M5	09110	.45	
	30	M5	09114	.59	
40	M5	09118	.71		
8mm 4mm KEY	12	M6	09006	.70	25
	15	M6	09124	.76	
	16	M6	09007	.80	
	20	M6	09009	.85	
	25	M6	09011	.95	
	30	M6	09013	1.1	
	40	M6	09015	1.3	
50	M6	09132	1.5		
10mm 5mm KEY	15	M8	09144	1.4	25
	16	M8	09016	1.4	
	20	M8	09017	1.5	
	25	M8	09019	1.7	
	30	M8	09021	1.8	
	40	M8	09023	2.2	
	50	M8	09025	2.6	
	60	M8	09027	2.9	
	70	M8	09029	3.2	
80	M8	09031	3.5		

DIAMETER	SHOULDER LENGTH	THREAD DIAMETER	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY IN BOX
12mm 6mm KEY	15	M10	09156	2.0	25
	16	M10	09032	2.1	
	20	M10	09033	2.3	
	25	M10	09035	2.5	
	30	M10	09037	2.8	
	40	M10	09039	3.3	
	50	M10	09041	3.8	
	60	M10	09043	4.2	
	70	M10	09045	4.7	
	80	M10	09046	5.2	
16mm 8mm KEY	90	M10	09160	5.7	25
	100	M10	09164	6.2	
	30	M12	09047	5.2	
	40	M12	09048	5.2	
	50	M12	09049	6.9	
	60	M12	09050	8.0	
	70	M12	09051	8.7	
	80	M12	09052	8.7	
	90	M12	09053	4.3	
	100	M12	09055	4.5	
120	M12	09054	5.3	10	

*** except shoulder dia to be h8

Dowel Pins Black Luster Finish

RUST RESISTANT • MEETS ASME/ANSI B18.8.5



DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY IN BOX
3mm	8	02001	.08	100
	10	02003	.11	
	12	02005	.13	
	16	02007	.17	
	20	02009	.24	
	25	02011	.29	
	30	02013	.35	
4mm	10	02015	.20	100
	12	02017	.24	
	16	02019	.33	
	20	02021	.42	
	25	02023	.55	
	30	02025	.64	
	35	02027	.77	
5mm	12	02029	.40	100
	16	02031	.55	
	20	02033	.66	
	25	02035	.84	
	30	02037	1.0	
	35	02039	1.2	
	40	02041	1.3	
	45	02043	1.5	
	50	02045	1.7	
6mm	16	02047	.77	100
	20	02049	.97	
	25	02051	1.2	
	30	02053	1.5	
	35	02055	1.7	
	40	02057	1.9	
	45	02059	2.2	
	50	02061	2.4	
	60	02063	2.9	
	8mm	16	02065	
20		02067	1.7	
25		02069	2.2	
30		02071	2.4	
35		02073	2.9	
40		02075	3.3	
45		02077	4.0	
50		02079	4.2	
60		02081	5.4	
70		02083	6.3	

DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY IN BOX
10mm	20	02085	12.6	100
	25	02087	3.3	
	30	02089	4.0	
	35	02091	4.6	
	40	02093	5.3	
	45	02095	2.4	
	50	02097	3.5	
12mm	60	02099	3.2	40
	70	02101	3.8	
	80	02103	4.4	
	90	02105	4.8	
	25	02107	2.0	
	30	02109	2.3	
	35	02111	2.6	
16mm	40	02113	3.1	40
	45	02115	3.5	
	50	02117	3.9	
	60	02119	2.3	
	70	02121	2.7	
	80	02123	3.2	
	90	02125	3.6	
	100	02127	3.8	
	30	02131	1.0	
20mm	35	02133	1.2	10
	40	02135	1.4	
	45	02137	1.6	
	50	02139	1.7	
	60	02141	2.1	
	70	02143	2.4	
	80	02145	2.7	
	90	02147	3.1	
	100	02149	3.5	
	50	02151	2.7	
60	02153	3.2		
70	02155	3.7		
80	02157	4.3		
90	02159	4.9		
100	02161	5.4		
110	02163	5.9		
120	02165	6.5		
130	02167	7.0		
140	02169	7.6		

PLEASE ORDER BY PRODUCT CODE NUMBER





Socket Head Cap Screws

UNRC - NON-STANDARD LENGTHS
HEAT TREATED ALLOY STEEL • UNIFIED 3A THREAD FIT
MEETS ASME/ANSI B18.3 • MEETS ASTM A574

DIAMETER	LENGTH UNDER HEAD	THREAD SERIES UNRC	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY IN BOX
#2 (.086") 5/64" Key	5/16	56	720000050	0.1	50
	7/16	56	720000070	0.1	
	5/8	56	720000090	0.1	
	3/4	56	720000096	0.1	
	7/8	56	720000097	0.1	
#3 (.099") 5/64" Key	1	56	720000098	0.1	25
	3/4	48	720000174	0.1	25
#4 (.112") 3/32" Key	7/16	40	720000210	0.2	100
	1-1/4	40	720000270	0.5	
	1-1/2	40	720000273	0.5	
#5 (.125") 3/32" Key	5/16	40	720000290	0.3	100
	7/8	40	720000366	0.1	25
	1	40	720000370	0.5	
	1-1/4	40	720000372	0.2	
	1-1/2	40	720000374	0.2	
#6 (.138") 7/64" Key	5/16	32	720000390	0.3	
	7/16	32	720000410	0.4	
#8 (.164") 9/64" Key	5/16	32	720000530	0.5	100
	7/16	32	720000550	0.5	
#10 (.190") 5/32" Key	5/16	24	720000700	0.3	50
	2-3/4	24	720000891	2.4	100
	3	24	720000893	2.5	
1/4" (.250") 3/16" Key	4-1/2	20	720001177	3.1	50
	3-3/4	18	720001491	4.2	50
5/16" (.312") 1/4" Key	4-1/2	18	720001494	0.6	5
	5	18	720001497	0.6	
	5-1/2	18	720001498	0.7	
3/8" (.375") 5/16" Key	3-3/4	16	720001790	6.2	50
	4-1/4	13	720002490	2.7	10
1/2" (.500") 3/32" Key	4-3/4	13	720002510	3.0	
	5-1/4	13	720002530	3.2	
	5-3/4	13	720002551	3.5	
	6-1/4	13	720002570	3.8	
	7-1/2	13	720002610	4.5	
	8-1/2	13	720002622	5.0	

DIAMETER	LENGTH UNDER HEAD	THREAD SERIES UNRC	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY IN BOX
1/2" (.500") 3/32" Key	9	13	720002624	5.3	10
	10	13	720002625	5.9	
	11	13	720002627	6.4	
	12	13	720002629	7.0	
5/8" (.625") 3/32" Key	7-1/2	11	720002990	7.0	10
	8-1/2	11	720003002	7.9	
	9	11	720003003	8.3	
	10	11	720003005	9.2	
	11	11	720003006	10.0	
3/4" (.750") 5/8" Key	12	11	720003007	10.9	10
	7-1/2	10	720003350	10.4	
	8-1/2	10	720003352	11.6	
	9	10	720003354	12.2	
	9-1/2	10	720003356	12.8	
	10	10	720003363	13.5	
	11	10	720003364	14.7	
	12	10	720003365	16.0	
	13	10	720003366	17.2	
	1-1/2	8	720003677	6.1	
1-3/4	8	720003678	6.6		
3-3/4	8	720003810	10.8		
7-1/2	8	720003950	19.0		
8-1/2	8	720003962	21.2		
9	8	720003964	22.4		
9-1/2	8	720003966	23.5		
10	8	720003984	24.6	5	
11	8	720003985	26.8		
12	8	720003986	29.0		
14	8	720003987	33.4		

2A Thread Fit

1-1/4" (1.250") 7/8" Key	7-1/2	7	720004170	3.2	1
	12	7	720004260	5.0	
1-1/2" (1.500") 1" Key	9	6	720004460	6.3	1
	10	6	720004480	6.8	
	12	6	720004520	7.3	



Socket Head Cap Screws

UNRF - NON-STANDARD LENGTHS
HEAT TREATED ALLOY STEEL • UNIFIED 3A THREAD FIT
MEETS ASME/ANSI B18.3 • MEETS ASTM A574

DIAMETER	LENGTH UNDER HEAD	THREAD SERIES UNRF	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY IN BOX
#4 (.112") 3/32" Key	1/4	48	730000180	0.1	50
	3/8	48	730000200	0.1	
	1/2	48	730000220	0.1	
#6 (.138") 7/64" Key	1	48	730000270	0.1	25
	1-1/4	40	730000510	0.1	25
#8 (.164") 9/64" Key	1	36	730000640	0.2	25
	5/16	32	730000698	0.6	100
#10 (.190") 5/32" Key	2-3/4	32	730000891	2.4	
	3	24	730001440	6.9	100
5/16" (.312") 1/4" Key	3-1/2	24	730001480	3.9	50
	4	24	730001490	4.5	
3/8" (.375") 5/16" Key	4-1/2	24	730001820	7.4	50
	5-1/2	24	730001840	9.2	
	6	24	730001850	9.5	
7/16" (.437") 3/8" Key	2-1/2	20	730002060	6.0	50
	3	20	730002080	3.5	25
	3-1/2	20	730002140	4.0	

DIAMETER	LENGTH UNDER HEAD	THREAD SERIES UNRF	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY IN BOX
1/2" (.500") 3/8" Key	3/4	20	730002220	4.3	50
	1-1/4	16	730003020	7.1	25
1-1/2	16	730003040	7.6		
1-3/4	16	730003060	8.0		
2	16	730003080	9.1		
2-1/4	16	730003100	9.9		
2-1/2	16	730003120	10.6		
2-3/4	16	730003140	11.4		
3/4" (.750") 5/8" Key	3	16	730003160	12.3	
	3-1/2	16	730003200	13.8	
3-3/4	16	730003210	14.8		
4	16	730003220	15.4		
4-1/2	16	730003240	17.1		
5	16	730003260	18.8		
5-1/2	16	730003280	8.0	10	
6	16	730003300	8.7		
7	16	730003340	10.0		
8	16	730003360	11.2		

Holo-Krome® Socket Screw Selector

These socket screw selectors are available in inch and metric for your fastener design needs.

Contact Customer Service at 1-800-879-6205 to order.





Socket Head Cap Screws

METRIC - NON-STANDARD LENGTHS

DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY PER BOX
M10 Pitch 1.5 8mm Key	220	760004512	3.2	10
	240	760004520	3.5	
	260	760004528	3.8	
	280	760004536	4.1	
	300	760004544	4.3	
M12 Pitch 1.75 10mm Key	220	760004614	4.6	10
	240	760004622	5.0	
	260	760004630	5.4	
	280	760004638	5.8	
	300	760004646	6.2	
M14 Pitch 2.00 12mm Key	20	76820	6.2	25
	25	76822	3.2	
	30	76824	3.5	
	35	76826	3.7	
	40	76830	4.0	
	45	76832	4.3	
	50	76834	4.5	
	55	76836	4.8	
	60	76838	5.3	
	65	76840	5.6	
	70	76842	6.0	
	75	76844	6.3	
	80	76846	6.7	
	85	76848	7.0	
	90	76850	7.3	
100	76852	8.0		
M16 Pitch 2.00 14mm Key	110	76854	3.5	10
	120	76856	3.8	
	200	760004840	7.7	
M16 Pitch 2.00 14mm Key	220	760004848	8.4	10
	240	760004856	9.1	
	260	760004864	9.8	
	280	760004868	10.5	
	300	760004872	11.2	

DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY PER BOX
M20 Pitch 2.50 17mm Key	240	760005432	1.5	1
	260	760005434	1.6	
	280	760005436	1.7	
	300	760005438	1.8	
		760005440	1.9	
M24 Pitch 3.00 19mm Key	75	760005600	8.5	10
	280	760005808	2.6	
	300	760005809	2.8	
M30 Pitch 3.5 22mm Key	50	760005825	1.3	1
	60	760005826	1.4	
	70	760005828	1.5	
	260	760005970	3.9	
	280	760005975	4.1	
	320	760005990	4.6	
	340	760005992	4.8	
	360	760005994	5.1	
	380	760005996	5.3	
	420	760005998	5.8	
M36 Pitch 4 27mm Key	220	760009640	5.0	1
	280	760009646	6.1	
	300	760009650	6.4	
	340	760009660	7.1	
	360	760009700	7.4	
	380	760009740	7.8	
	400	760009780	8.1	
	420	760009820	8.5	
	440	760009860	8.9	
	460	760009880	9.3	
	480	760009940	9.5	
	520	760009980	10.3	
	540	760009984	10.6	
	560	760009985	10.9	
	580	760009988	11.2	
600	760009990	11.6		
640	760009994	12.3		
650	760009995	12.5		

Socket Button Head Cap Screws



NON-STANDARD LENGTHS

DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER		APPROX. WT. LBS. PER BOX	QTY PER BOX
		UNRC	UNRF		
#4 (.112") 40 UNRC 1/16" Key	3/16	640000010	-	0.1	100
	5/16	640000030	-	0.1	
	5/8	640000072	-	0.1	
	3/4	640000074	-	0.1	50
	7/8	640000076	-	0.1	
1	640000078	-	0.1		
#5 (.125") 40 UNRC 5/64" Key	1/4	640010280	-	0.2	100
	3/8	640010300	-	0.1	50
	1/2	640010320	-	0.1	
#6 (.138") 32 UNRC 5/64" Key	5/16	640000090	-	0.1	50
	3/4	640010460	-	0.2	
	7/8	640010480	-	0.2	
	1	640010500	-	0.3	
	1-1/4	640010505	-	0.2	25
1-1/2	640010508	-	0.2		

DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER		APPROX. WT. LBS. PER BOX	QTY PER BOX
		UNRC	UNRF		
#8 (.164") 32 UNRC 3/32" Key	5/16	6400000170	-		100
#10 (.190") 24 UNRC 32 UNRF 1/8" Key	5/16	-	650000270		25
1/4" (.250") 20 UNRC 28 UNRF 5/32" Key	1/4	-	650000392		25

SEMI-STANDARD



Socket Shoulder Screws

NON-STANDARD LENGTHS
HEAT TREATED ALLOY STEEL • UNIFIED 3A THREAD FIT
MEETS ASME/ANSI B18.3

DIAMETER	SHOULDER LENGTH	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY IN BOX
THREAD SERIES 5/16-18 UNRC				
1/2" (.496") (.498") 1/4" Key	3/8"	0800650	1.9	25
THREAD SERIES 3/8-16 UNRC				

DIAMETER	SHOULDER LENGTH	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY IN BOX
THREAD SERIES 1/2-13 UNRC	1"	0800996	4.7	

PLEASE ORDER BY PRODUCT CODE NUMBER



Socket Head Cap Screws

Zinc and Clear Chromate

DECORATIVE FLASH PLATE

Meets ASME/ANSI B18.3 and ASTM 574 Before Plate

DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER		APPROX. WT. LBS. PER BOX	QTY IN BOX
		UNRC	UNRF		
#4 (.112") 3/32" Key	1/4"	ZP1C72018	-	0.2	100
	3/8"	ZP1C72020	-	0.2	
	1/2"	ZP1C72022	-	0.3	
	5/8"	ZP1C72024	-	0.3	
	3/4"	ZP1C72026	-	0.3	
	1"	ZP1C86176	-	0.3	
#6 (.138") 7/64" Key	1/4"	ZP1C72038	-	0.3	100
	5/16"	ZP1C72039	-	0.3	
	3/8"	ZP1C72040	-	0.3	
	1/2"	ZP1C72042	-	0.3	
	5/8"	ZP1C72044	-	0.4	
	3/4"	ZP1C72046	-	0.4	
	7/8"	ZP1C72048	-	0.4	
	1"	ZP1C72050	-	0.5	
#8 (.164") 9/64" Key	1/4"	ZP1C72052	-	0.5	100
	3/8"	ZP1C72054	-	0.4	
	1/2"	ZP1C72056	-	0.5	
	5/8"	ZP1C72058	-	0.5	
	3/4"	ZP1C72060	-	0.6	
	1"	ZP1C72064	-	0.7	
	1-1/4"	ZP1C72066	-	0.8	
	1-1/2"	ZP1C72068	-	0.9	
#10 (.190") 5/32" Key UNRC 24 UNRF 32	3/8"	ZP1C72070	ZP1C73034	1.1	100
	1/2"	ZP1C72072	ZP1C73036	0.6	
	5/8"	ZP1C72074	ZP1C73038	0.7	
	3/4"	ZP1C72076	ZP1C73040	0.8	
	7/8"	-	ZP1C73042	0.9	
	1"	ZP1C72080	ZP1C73044	0.9	
	1-1/4"	ZP1C72082	ZP1C73046	1.0	
	1-1/2"	ZP1C72084	ZP1C73048	1.3	
	2"	-	ZP1C73052	1.4	
1/4" (.250") 3/16" Key	1/4"	ZP1C86526	-	1.9	100
	3/8"	ZP1C72090	-	0.8	
	1/2"	ZP1C72092	-	1.0	
	5/8"	ZP1C72094	-	1.2	
	3/4"	ZP1C72096	-	1.3	
	7/8"	ZP1C72098	-	1.5	
	1"	ZP1C72100	-	1.6	
	1-1/4"	ZP1C72102	-	1.8	
	1-1/2"	ZP1C72104	-	2.1	
	1-3/4"	ZP1C72106	-	2.5	
	2"	ZP1C72108	-	2.9	
	2-1/4"	ZP1C72110	-	3.0	
	2-1/2"	ZP1C72112	-	3.4	
	3"	ZP1C72116	-	3.8	
	4"	ZP1C72115	-	4.0	

DIAMETER	LENGTH UNDER HEAD	THREAD SERIES UNRC	PRODUCT CODE NUMBER	APPROX. WT. LBS. PER BOX	QTY IN BOX		
5/16" (.312") 1/4" Key	1/2"	18	ZP1C72120	2.0	100		
	5/8"	18	ZP1C72122	2.3			
	3/4"	18	ZP1C72124	2.5			
	7/8"	18	ZP1C72126	2.7			
	1"	18	ZP1C72128	2.9			
	1-1/4"	18	ZP1C72130	3.4			
	1-1/2"	18	ZP1C72132	3.9			
	1-3/4"	18	ZP1C72134	4.4			
	2"	18	ZP1C72136	4.9			
	2-1/4"	18	ZP1C72138	5.4			
3/8" (.375") 5/16" Key	2-1/2"	18	ZP1C72140	5.9	50		
	3"	18	ZP1C72144	6.9			
	3-1/2"	18	ZP1C72148	3.9			
	4"	18	ZP1C86646				
1/2" (.500") 3/8" Key	1/2"	16	ZP1C72150	3.4	100		
	3/4"	16	ZP1C72154	4.0			
	7/8"	16	ZP1C72156	4.3			
	1"	16	ZP1C72158	4.6			
	1-1/4"	16	ZP1C72160	5.2			
	1-1/2"	16	ZP1C82162	6.0			
	2"	16	ZP1C72166	3.9			
5/8" (.625") 1/2" Key	2-1/4"	16	ZP1C72168	4.3	25		
	2-1/2"	16	ZP1C72170	4.5			
	3"	16	ZP1C72174	5.1			
	4"	16	ZP1C72180	6.6			
1"	1"	13	ZP1C72226	4.8	50		
	1-1/4"	13	ZP1C72228	5.3			
	1-1/2"	13	ZP1C72230	6.3			
	2"	13	ZP1C72234	7.4			
	2-1/2"	13	ZP1C72238	4.4			
	3"	13	ZP1C72242	4.9			
	4"	13	ZP1C72248	6.3			
	4-1/2"	13	ZP1C72250	7.0			
	1-1/4"	1-1/4"	11	ZP1C72266		4.8	25
		1-1/2"	11	ZP1C72268		5.3	
2"		11	ZP1C72272	6.0			
2-1/2"		11	ZP1C72276	7.3			
3"		11	ZP1C72280	8.4			
4"		11	ZP1C72286	10.5			

Dimension Standards

Precision tolerances, heat treated alloy steel, black finish

Hex Key Fit Selector - Keys Fit These Products

NOMINAL KEY SIZE, INCHES	SOCKET HEAD CAP SCREWS		FLAT HEAD CAP SCREWS	BUTTON HEAD CAP SCREWS	SET SCREWS	SHOULDER SCREWS	PRESSURE PLUGS	ALLENUTS	LOW HEAD CAPSCREWS	NOMINAL KEY SIZE, INCH
	1960 SERIES	1936 SERIES								
.028	-	-	-	-	0	-	-	-	-	.028
.035	-	-	0	0	1,2	-	-	-	-	.035
.050	0	0,1	1,3	1,3	3,4	-	-	-	4	.050
1/16	1	2	3,4	3,4	5,6	-	-	-	5,6	1/16
5/64	2,3	3,4	5,6	5,6	8	-	-	-	8	5/64
3/32	4,5	5,6	8	8	10	-	-	-	10	3/32
7/64	6	-	-	-	-	-	-	-	-	7/64
1/8	-	8	10	10	1/4	1/4	-	4,5	1/4	1/8
9/64	8	10	-	-	-	-	-	-	-	9/64
5/32	10	1/4	1/4	1/4	5/16	5/16	1/16	6	5/16	5/32
3/16	1/4	-	5/16	5/16	3/8	3/8	1/8	8,10	3/8	3/16
7/32	-	5/16	3/8	3/8	7/16	-	-	-	7/16	7/32
1/4	5/16	-	7/16	-	1/2	1/2	1/4	1/4	1/2	1/4
5/16	3/8	3/8, 7/16	1/2	-	5/8	5/8	3/8	5/16	5/8	5/16
3/8	7/16, 1/2	1/2	5/8	-	3/4	3/4	1/2	3/8	-	3/8
7/16	-	-	-	-	-	-	-	7/16	-	7/16
1/2	5/8	5/8	3/4	-	7/8	1	-	1/2	-	1/2
9/16	-	3/4, 7/8	7/8	-	1, 1-1/8	-	3/4	-	-	9/16
5/8	3/4	1	1	-	1-1/4, 1-3/8	1-1/4	1	5/8	-	5/8
3/4	7/8, 1	-	1-1/8	-	1-1/2	-	1-1/4	3/4	-	3/4
7/8	1-1/8, 1-1/4	-	1-1/4, 1-3/8	-	-	1-1/2	-	7/8	-	7/8
1	1-3/8, 1-1/2	1-1/2	1-1/2	-	1-3/4, 2	1-3/4	1-1/2, 2	1	-	1
1-1/4	1-3/4	-	-	-	-	2	-	1-1/4	-	1-1/4
1-1/2	2	1-1/8, 1-1/4, 1-3/8	-	-	-	-	-	1-1/2	-	1-1/2
1-3/4	2-1/4, 2-1/2	-	-	-	-	-	-	-	-	1-3/4
2	-3/4	-	-	-	-	-	-	-	-	2

Hex Key Fit Selector - Keys Fit These Products

NOMINAL KEY SIZE, MM	SOCKET HEAD CAP SCREWS	FLAT HEAD CAP SCREWS	BUTTON HEAD CAP SCREWS	SET SCREWS	SHOULDER SCREWS	ALLENUTS	LOW HEAD CAP SCREWS	NOMINAL KEY SIZE, MM
0.7	-	-	-	M1.4, M1.6, M1.7	-	-	-	0.7
0.9	-	-	-	M2, M2.3	-	-	-	0.9
1.3	M1.4	-	-	M2.5, M2.6	-	-	-	1.3
1.5	M1.6, M1.7, M2	-	-	M3	-	-	-	1.5
2	M2.3, M2.5, M2.6	M3	M3	M4	-	-	-	2
2.5	M3	M4	M4	M5	-	-	-	2.5
3	M4	M5	M5	M6	6mm	M3	M4	3
4	M5	M6	M6	M8	8mm	M4	M5	4
5	M6	M8	M8	M10	10mm	M6	M6	5
6	M8	M10	M10	M12, M14	12mm	M6	M8	6
8	M10	M12	M12	M16	16mm	M8	M10	8
10	M12	M14, M16	-	M20	20mm	M10	M12	10
12	M14	M20	-	M24	-	M12	M14	12
14	M16	-	-	-	-	-	M16	14
17	M20	-	-	-	-	M16	M20, M22	17
19	M24	-	-	-	-	-	M24	19



HOLO-KROME ASSORTMENTS INCH Set Screw and Key Assortments

Precision tolerances, heat treated alloy steel, black finish



Item No.
56880
SET
NUMBER
602

705 Pc. SAE Set Screw and Hex Key Assortment

An assortment of 11 sizes of SAE alloy steel socket set screws with a cup point and the appropriate short arm hex keys in a sectioned metal box. Contains 590 set screws and 115 hex keys. Box size: 9-3/4" x 13-3/4" x 2-1/2". Weight: 9.3 lbs.

Assortment Contents

SET SCREW SIZE, IN.	STANDARD PACK	SET SCREW SIZE, IN.	STANDARD PACK	KEY SIZE, IN.	STANDARD PACK
#10-32 x 3/16	100	3/8-16 x 3/8	50	3/32	25
#10-32 x 1/4	50	3/8-16 x 1/2		1/8	
1/4-20 x 1/4	100	7/16-14 x 7/16	20	5/32	
1/4-20 x 3/8	50	1/2-13 x 1/2		3/16	5
5/16-18 x 5/16	100	5/8-11 x 5/8	10	7/32	
5/16-18 x 3/8	50			1/4	
				5/16	



Item No.
56882
SET
NUMBER
610

270 Pc. Hex Key Assortment

An assortment of 9 sizes of short arm hex keys in a sectioned metal box. Contains 270 hex keys in varying sizes. Box size: 9-3/4" x 13-3/4" x 2-1/2". Weight: 12.2 lbs.

Assortment Contents

HEX KEY SIZE, IN.	STANDARD PACK	SET SCREW SIZE, IN.	STANDARD PACK
5/64	50	3/16	25
3/32	50	7/32	25
1/8	50	1/4	25
5/32	25	5/16	10
		3/8	10



Item No.
56884
SET
NUMBER
608

145 Pc. SAE Set Screw and Hex Key Assortment

An assortment of 10 sizes of SAE alloy steel socket set screws with a cup point and the appropriate short arm hex keys in a sectioned plastic box. Contains 100 set screws and 45 hex keys. Box size: 8-3/8" x 4-1/2" x 1-1/2". Weight: 1.3 lbs.

Assortment Contents

SET SCREW SIZE, IN.	STANDARD PACK	SET SCREW SIZE, IN.	STANDARD PACK	KEY SIZE, IN.	STANDARD PACK
#8-32 x 3/16	10	1/4-20 x 3/8	10	5/64	10
#8-32 x 1/4		5/16-18 x 5/16		3/32	
#10-32 x 3/16		5/16-18 x 3/8		1/8	
#10-32 x 1/4		3/8-16 x 3/8		5/32	
1/4-20 x 1/4		3/8-16 x 1/2		3/16	5

HOLO-KROME ASSORTMENTS METRIC ASSORTMENTS

Cap Screw, Set Screw and Key Assortment

Precision tolerances, heat treated alloy steel, black finish



Item No.

56886

SET
NUMBER

621

336 Pc. SAE Set Screw and Hex Key Assortment

An assortment of 24 numbered size alloy steel socket set screws with a cup point and the appropriate short arm hex keys in a sectioned metal box. Contains 288 set screws and 48 hex keys. Box size: 8-1/2" x 5-3/4" x 1". Weight: 1.3 lbs.

Assortment Contents

SET SCREW SIZE, IN.	SET SCREW SIZE, IN.	SET SCREW SIZE, IN.	SET SCREW SIZE, IN.	SET SCREW SIZE, IN.	STANDARD PACK	SET SCREW SIZE, IN.	STANDARD PACK	KEY SIZE, IN.	STANDARD PACK
#4-40 X 1/8	#4-40 X 5/16	#5-40 X 3/16	#5-40 X 3/8	#6-32 x 1/4	12	#8-32 x 5/16	12	.050	12
#4-40 X 3/16	#4-40 X 3/8	#5-40 X 1/4	#6-32 X 1/8	#6-32 x 5/16		#8-32 x 3/8		1/16	
#40-40 X 1/4	#5-40 X 1/8	#5-40 X 5/16	#6-32 X 3/16	#8-32 x 3/8		#10-24 x 3/16		5/64	
				#8-32 x 1/8		#10-24 x 1/4		3/32	
				#8-32 x 3/16		#10-24 x 5/16			
				#8-32 x 1/4		#10-24 x 3/8			

300 Pc. SAE Holo-Knurl® Point Screw Set

An assortment of 12 sizes of SAE alloy steel socket set screws with a Holo-Knurl® point in a 12 section plastic box. Box size: 10-3/4" x 6-3/4" x 1-7/8". Weight: 2.3 lbs.

Assortment Contents



Item No.

56438

SET SCREW SIZE, IN.	STANDARD PACK	SET SCREW SIZE, IN.	STANDARD PACK
#8-32 x 1/4	25	1/4-28 x 1/4	25
#10-32 x 3/16	25	5/16-18 x 3/8	25
#10-32 x 1/4	25	5/16-18 x 1/2	25
#1/4-20 x 1/4	25	3/8-16 x 3/8	25
#1/4-20 x 3/8	25	3/8-16 x 1/2	25
#1/4-20 x 1/2	25	1/2-13 x 1/2	25

274 Pc. Metric Cap Screw and Hex Key Assortment

An assortment of 18 sizes of alloy steel metric socket head cap screws and the appropriate short arm hex keys in a sectioned plastic box. Contains 270 cap screws and 4 hex keys. Box size: 11" x 6-3/4" x 1-3/4". Weight: 5 lbs.

Assortment Contents



Item No.

76582

SET
NUMBER

MK2

SET SCREW SIZE, MM	STANDARD PACK	SET SCREW SIZE, MM	STANDARD PACK	KEY SIZE, MM	STD PACK
M4 x 10	25	M6 x 20	10	3	1
M4 x 12		M6 x 25		4	
M4 x 20		M6 x 30		5	
M4 x 25		M6 x 40		6	
M5 x 12		M8 x 20			
M5 x 20		M8 x 25			
M5 x 25	10	M8 x 30			
M5 x 30		M8 x 40			
M6 x 12		M8 x 45			

HOLO-KROME ASSORTMENTS INCH Set Screw and Key Assortments

Precision tolerances, heat treated alloy steel, black finish



Item No.
56410

170 Pc. SAE Cap Screw Set

An assortment of 12 sizes of SAE alloy steel socket head cap screws in a 12 section plastic box. Box size: 10-3/4" x 6-3/4" x 1-7/8". Weight 3.7 lbs.

Assortment Contents

SET SCREW SIZE, IN.	STANDARD PACK	SET SCREW SIZE, IN.	STANDARD PACK
#6-32 x 1/2	20	5/16-18 x 1-1/2	10
#8-32 x 1/2	20	3/8-16 x 1	10
1/4-20 x 1/2	10	3/8-16 x -1/2	10
1/4-20 x 3/4	10	#10-32 x 1/2	20
1/4-20 x 1	10	#10-32 x 3/4	20
5/16-18 x 1	10	#10-32 x 1	20



Item No.
56420

300 Pc. SAE Button Head Cap Screw Set

An assortment of 12 sizes of SAE alloy steel button head cap screws in a 12 section plastic box. Box size: 10-3/4" x 6-3/4" x 1-7/8". Weight: 3.7 lbs.

Assortment Contents

SET SCREW SIZE, IN.	STANDARD PACK	SET SCREW SIZE, IN.	STANDARD PACK
#6-32 x 3/8	25	1/4-20 x 1	25
#6-32 x 1/2	25	5/16 - 18 x 3/4	25
#8-32 x 3/8	25	5/16-18 x 1	25
#8-32 x 1/2	25	5/16-18 x 1	25
1/4-20 x 1/2	25	#10-32 x 3/8	25
1/4-20 x 3/4	25	#10-32 x 1/2	25
		#10-32 x 3/4	25



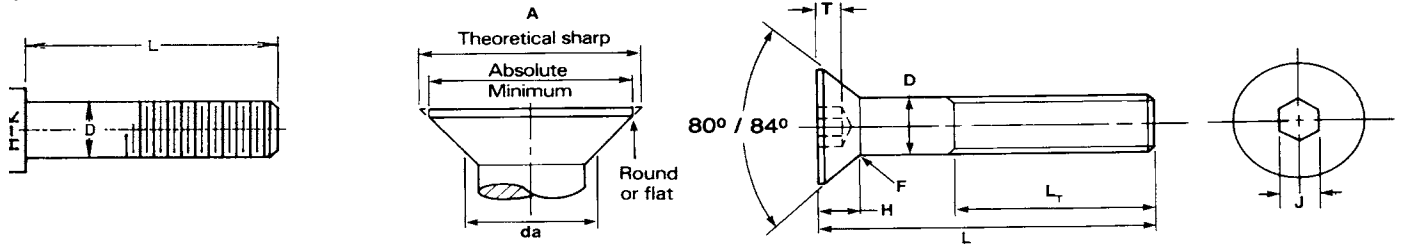
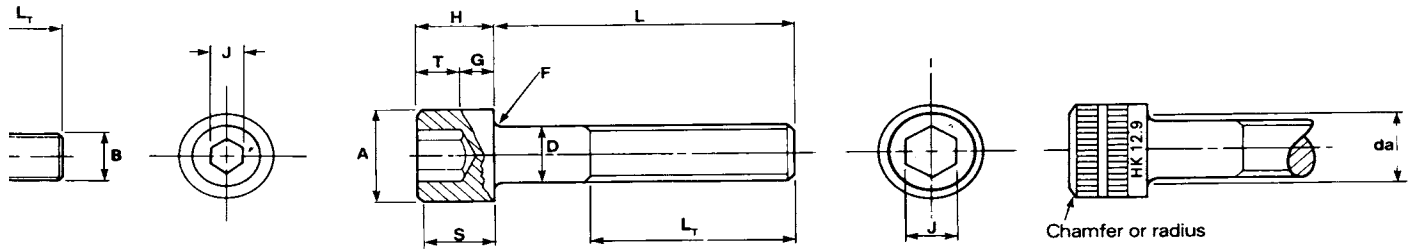
Item No.
56430

300 Pc. SAE Flat Head Cap Screw Set

An assortment of 12 sizes of SAE alloy steel flat head cap screws in a 12 section plastic box. Box size: 10-3/4" x 6-3/4" x 1-7/8". Weight: 3.4 lbs.

Assortment Contents

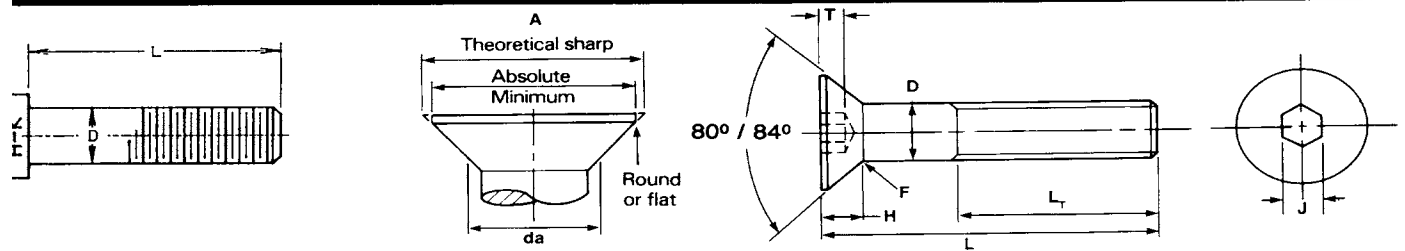
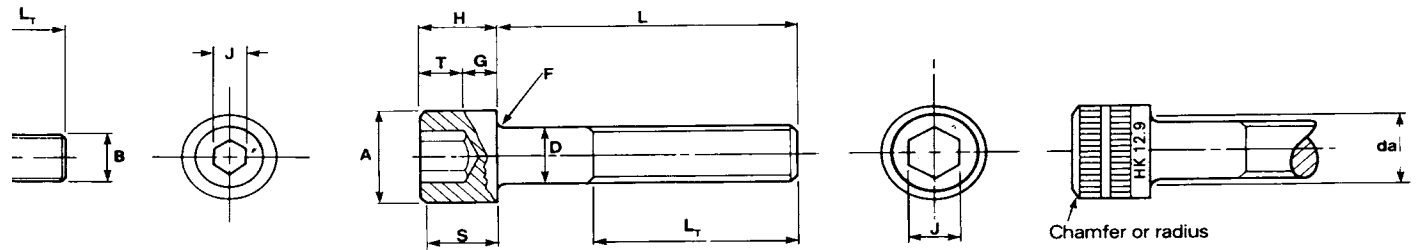
SET SCREW SIZE, IN.	STANDARD PACK	SET SCREW SIZE, IN.	STANDARD PACK
#6-32 x 3/8	25	1/4-20 x 1	25
#6-32 x 1/2	25	5/16 - 18 x 3/4	25
#8-32 x 3/8	25	5/16-18 x 1	25
#8-32 x 1/2	25	5/16-18 x 1	25
1/4-20 x 1/2	25	#10-32 x 3/8	25
1/4-20 x 3/4	25	#10-32 x 1/2	25
		#10-32 x 3/4	25



Inch and Metric



Fastener Dimensional Data



Definitions of Screw and Thread Terms

Screw Thread - A ridge or uniform section in the form of a helix on the external or internal surface of a cylinder, or in the form of a conical spiral on the external or internal surface of a cone.

External Thread - An external thread is a thread on the outside of a member.

Internal thread - An internal thread is a thread on the inside of a member.

Major Diameter - The largest diameter of the thread of the screw or nut. The term "major diameter" replaces the term "outside diameter" as applied to the thread of a screw and also the term full diameter as applied to the thread of a nut.

Minor Diameter - The smallest diameter of the thread of a screw or nut. The term "minor diameter" replaces the term "core diameter" as applied to the thread of a screw and also the term "inside diameter" as applied to the thread of a nut.

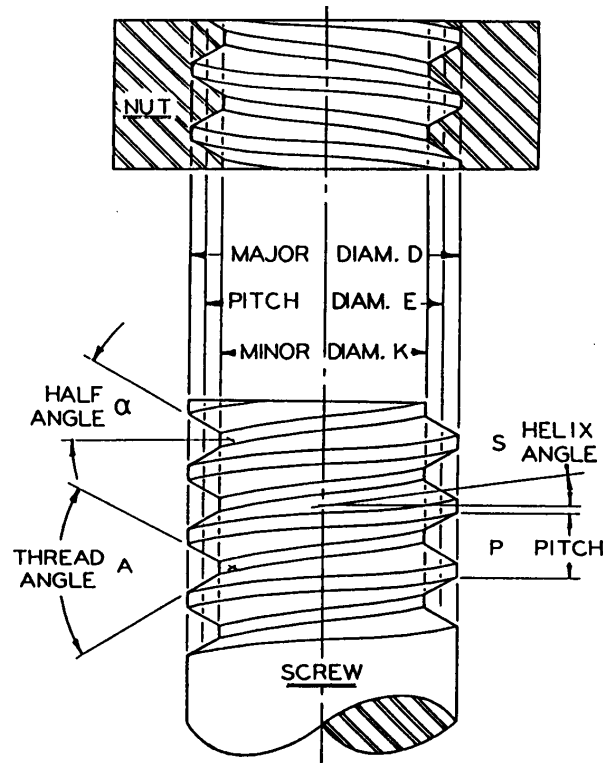
Pitch Diameter - On a straight screw thread, the diameter of an imaginary cylinder, the surface of which would pass through the threads at such points as to make equal the width of the threads and the width of the spaces cut by the surface of the cylinder. On a taper screw thread, the diameter, at a given distance from a reference plane perpendicular to the axis of an imaginary cone, the surface of which would pass through the threads at such points as to make equal the width of the threads and the width of the spaces cut by the surface of the cone.

Pitch - the distance from a point on a screw thread to a corresponding point on the next thread measured parallel to the axis.

The pitch in inches -

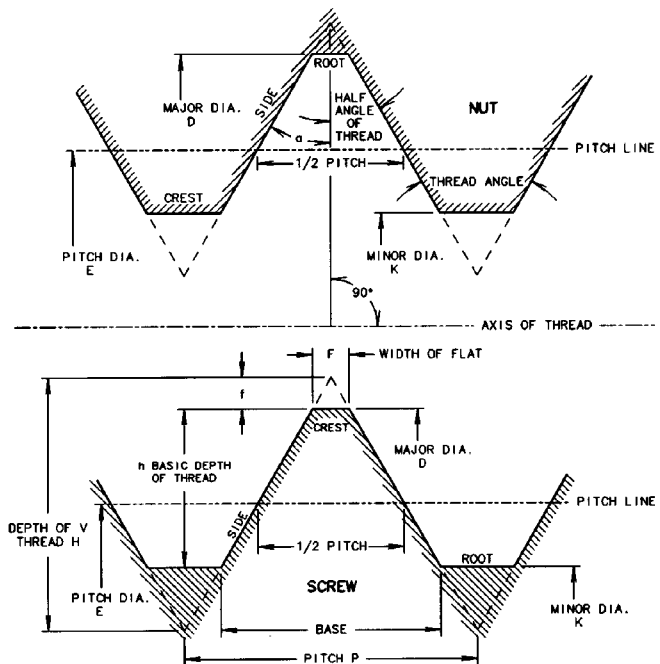
$$\frac{1}{\text{Number of threads per inch}}$$

Half Angle of Thread - The angle included between a side of the thread and the normal to the axis, measured in an axial plane.



Angle of Thread - The angle included between the sides of the thread measured in an axial plane.

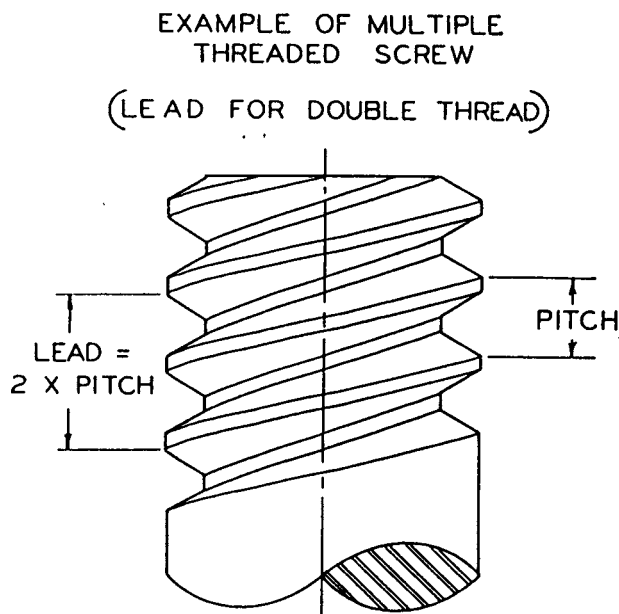
Helix Angle - The angle made by the helix, or conical spiral, of the thread at the pitch diameter with a plane perpendicular to the axis.



Crest - The surface of the thread corresponding to the major diameter of the screw and the minor diameter of the nut.

Lead - The distance a screw thread advances axially in one turn. On a single threaded screw the lead and pitch are identical; on a double threaded screw the lead is two times the pitch; on a triple threaded screw the lead is three times the pitch, etc.

Root - The surface of the thread corresponding to the minor diameter of the screw and the major diameter of the nut .



Side or Flank - The surface of the thread which connects the crest with the root.

Axis of a Screw - The longitudinal central line through the screw.

Base of Thread - The bottom section of the thread; the greatest section between the two adjacent roots.

Depth of Thread - The distance between the crest and the base of the thread measured normal to the axis.

Number of Threads - The number of threads in one inch of length.

Length of Engagement - The length of contact between two mated threaded parts measured axially.

Depth of Engagement - The depth of thread contact of two mated parts, measured radially.

Pitch Line - An element of the imaginary cylinder or cone as specified under "Pitch Diameter".

Thickness of Thread - The distance between the adjacent sides of the thread measured along or parallel to the pitch line.

Mean Area - The term "mean area of a screw," when used in specifications and for other purposes, designates the cross-sectional area computed from the mean of the basic pitch and minor diameters.

Terms Relating to Classification and Tolerances

Allowance - An intentional difference in the dimensions of mating parts. It is the minimum clearance of the maximum interference which is intended between mating parts. It represents the condition of the tightest permissible fit, or the largest internal member mated with the smallest external member.

Examples:

A 1/2-13 American National Coarse Thread.

Minimum pitch diameter of nut (2B).....	0.4500
Maximum pitch diameter of screw (2A)	<u>.4485</u>

Allowance (positive).....0.0015

Tolerance - The amount of variation permitted in the size of a part.

Example:

1/2 - 13, 3A American National Coarse Thread Series.

Maximum pitch diameter	0.4500
Minimum pitch diameter	<u>.4463</u>

Tolerance.....0.0037

Basic Size - The theoretical or nominal standard size from which all variations are made.

Crest Clearance - Defined on a screw form as the space between the crest of a thread and the root of its mating part.

Finish - The character of the surface on a screw thread or other product.

Fit - The relation between two mating parts with reference to the conditions of a assembly. For example: Wrench fit; close fit; medium fit; free fit; loose fit. The quality of fit is dependent upon both the relative size and the quality of finish of the mating parts.

Neutral Zone - A positive allowance (See "Allowance.")

Limits - The extreme permissible dimensions of a part.

Example :

1/2-13, Class 3A, American National Coarse Thread Series.

The limits are:

Maximum pitch diameter (3A).....	0.4500
Minimum pitch diameter (3A)	0.4463



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Torquing Specification Inch & Metric Fastener Chart

Socket Head Cap Screws



Inch			Metric	
Nominal Size	Tightening Torque (Inch-lbs)		Nominal Size	Tightening Torque (N•m)
	UNRC	UNRF		
0	-	2.6	M1.6	0.34
1	4.5	4.8	M2	0.69
2	7.5	8.0	M2.5	1.43
3	11.0	12.0	M3	2.48
4	16.0	18.0	M4	5.85
5	24.0	24.0	M5	12.0
6	30.0	34.0	M6	20.3
8	55.0	58.0	M8	48.8
10	79.0	90.0	M10	97.5
1/4	200.0	230.0	M12	165.0
5/16	415.0	460.0	M14	265.0
3/8	740.0	845.0	M16	413.0
7/16	1,190.0	1,305.0	M20	825.0
1/2	1,800.0	2,065.0	M24	1,425.0
5/8	3,400.0	3,800.0	M30	2,775.0
3/4	6,000.0	6,750.0	M36	4,875.0
7/8	8,250.0	9,200.0		
1	12,500.0	13,000.0		
1-1/4	25,000.0	27,750.0		
1-1/2	43,500.0	49,000.0		

Button Head Socket Cap Screws



Inch-Button Head		Metric-Button Head	
Nominal Size	Tightening Torque (Inch-lbs)	Nominal Size	Tightening Torque (N•m)
4	8	M3 x 0.5	1.25
5	-	M4 x 0.7	2.9
6	15	M5 x 0.8	5.9
8	30	M6 x 1	10.0
10	65	M8 x 1.25	24.0
1/4	125	M10 x 1.5	48.0
5/16	200	M12 x 1.75	84.0
3/8	360	M16 x 2	207.0
1/2	1000	M20 x 2.5	-
5/8	1750		

NOTE: This specification is for Holo-Krome® alloy steel fasteners with thermal black finish and light oil.



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Flat Head Socket Cap Screws



Inch-Flat Head		Metric-Flat Head	
Nominal Size	Tightening Torque (Inch-lbs)	Nominal Size	Tightening Torque (N•m)
4	9.5	M3 x 0.5	1.85
5	14.0	M4 x 0.7	3.4
6	18.0	M5 x 0.8	6.9
8	32.0	M6 x 1	12.0
10	75.0	M8 x 1.25	28.0
1/4	140.0	M10 x 1.5	56.0
5/16	245.0	M12 x 1.75	99.0
3/8	400.0	M16 x 2	246.0
7/16	600.0	M20 x 2.5	400.0
1/2	1,200.0		
5/8	2,000.0		
3/4	4,000.0		
7/8	6,000.0		
1	8,500.0		

Socket Shoulder Bolts



Nominal Size	Tightening Torque (Inch-lbs)	Nominal Size	Tightening Torque (N•m)
1/4	50	M5 x 0.8	6.9
5/16	125	M6 x 1	12.0
3/8	265	M8 x 1.25	28.0
1/2	470	M10 x 1.5	56.0
5/8	1,150	M12 x 1.75	99.0
3/4	2,000	M16 x 2	250.0
1	4,000	M20 x 2.5	400.0

Cup Point Set Screws



Inch-Cup Pt Set Screw		Metric-Cup Pt Set Screw	
Nominal Size	Tightening Torque (Inch-lbs)	Nominal Size	Tightening Torque (N•m)
0	1.1	1.6	0.1
1	2.1	2.0	0.2
2	2.1	2.5	0.6
3	6.0	3.0	1.0
4	6.0	4.0	2.1
5	11.0	5.0	4.7
6	11.0	6.0	7.7
8	23.0	8.0	17.8
10	40.0	10.0	35.0
1/4	94.0	12.0	55.0
5/16	183.0	16.0	125.0
3/8	317.0	20.0	250.0
7/16	502.0	24.0	425.0
1/2	750.0		
5/8	1,460.0		
3/4	2,520.0		
7/8	5,750.0		
1	8,000.0		

Low Head Socket Cap Screws - Inch



Nominal Size	Tightening Torque (Inch-lbs)	Nominal Size	Tightening Torque (N•m)
4	5.0	5/16	150.0
5	9.5	3/8	275.0
6	9.5	7/16	425.0
8	19.0	1/2	600.0
10	30.0	5/8	1,300.0
1/4	75.0		

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Eight Decades of Excellence

The Holo-Krome Company has been a leader in the Socket Screw industry for over 80 years.

In 1930, we developed and later patented the first practical cold heading process for mass producing high tensile alloy steel socket screws.

Today, virtually all products of that nature are manufactured by one or more of the methods developed by Holo-Krome.

With only slight changes in shape or dimensions, we are able to head many parts that previously took a screw machine to produce — and are doing it at a significant savings.

Benefits

- Traceability.
Each fastener has its own quality control number tracing it all the way back to the steel mill.
- The highest torque/clamping force available in the entire industry.
- Roll threading, not thread cutting, for stronger, more precise radiused root and run-out threads for increased fatigue life.
- Technical support for those tough questions for design and applications engineers — over the phone or on-site.
- The most complete line of fasteners in the business in both inch and metric sizes.

Unfailing Fasteners

When fastener talk turns to quality, one brand is mentioned without fail: Holo-Krome. And little wonder, for Holo-Krome fasteners have been performing in some pretty tight spots, under tremendous pressures, for years, even decades, without fail. How? The answer is simple. There is no compromising when it comes to quality. None.





Quality Since 1929.
Made in USA.