

**THINK OF IT
AS SAFETY
GEAR
FOR YOUR
COMPANY.**



Premium Socket Head Fasteners

**GENERAL CATALOG
EFFECTIVE**

4 | 05



RELIABLE, HIGH QUALITY FASTENERS FROM HOLO-KROME.

Just as you need to protect your employees, you need to safeguard your company from expensive downtime, added labor costs and the erosion of customer confidence that result when critical equipment breaks down.

High-quality parts and components are essential – right down to the fasteners that hold it all together. They have to be tough. Rugged. Able to withstand enormous loads and constant stress.

At Holo-Krome, we know that better than anyone. For over 75 years, we've built nothing but socket head fasteners for use in the most demanding industrial applications, including Mining, Tool & Die and Precision Manufacturing, to name just a few. And we've done so by getting our hands dirty – our employees have logged as much time in the field as anyone, working closely with customers to really understand their needs. At the same time, we've accrued specialized engineering and manufacturing expertise in our own facility, so we know how to build performance into every fastener we make. No wonder those closest to the application – professionals in MRO – give Holo-Krome superior quality ratings.

Holo-Krome socket head fasteners are made in the U.S.A. by dedicated people who take pride in their work and in the products they manufacture. From Engineering through Quality Control, Sales and Technical Support, they assure a higher level of excellence and solid performance. And with the backing of our parent company - Danaher Corporation, a leader in American industry - our people have the resources to continue meeting the challenges of an ever more demanding fastener marketplace.

Make sure your equipment – and your company – is safe from breakdowns, lost revenue and poor performance. Insist on higher quality, more reliable socket head fasteners. From Holo-Krome.



CUSTOMER SERVICE

DANAHER TOOL GROUP

800-866-5753

www.holo-krome.com**TABLE OF CONTENTS**

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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 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 the sole discretion of Holo-Krome.

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

Prices Prices are subject to change without notice.

Bulk Prices Quantity pricing for bulk (non-package) available upon request. For the name of the authorized Holo-Krome distributor nearest you, call 1-800-866-5753.

Limited Warranty and Exclusion Remedy Products sold hereunder which are manufactured by Holo-Krome or Danaher Tool Group are warranted to conform to specifications of latest issue. This warranty is expressly in lieu of all

other warranties whether expressed or implied, including without limitations any implied warranty of merchantability or fitness for a particular purpose.

Holo-Krome will repair or replace without charge to the buyer, except for the cost of shipping, products under warranty, which are returned to Holo-Krome's factory which Holo-Krome in its sole opinion finds were not manufactured in accordance with the warranty and have not been subjected to misuse or modified in any way.

This shall be the sole and exclusive remedy of the buyer under this warranty.

Disclaimer and Limitation of Liability

Liability on any claim of any kind, including negligence, for any loss or damage arising out of, connected with, or resulting from the performance or breach of the terms hereof, or from the design, manufacture, sale, delivery, resale, installation, technical direction, inspection, repair, or use of any product shall in no case exceed the price of the products which give rise to the claim. In no event, including the case of a claim for negligence, shall Danaher Tool Group have any liability for any incidental or consequential damage.

Product Plating and Modification

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





SOCKET HEAD CAP SCREWS

UNRC - COARSE THREAD SERIES • 1960 SERIES

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

Holo-Krome cap screws offer optimal balance of hardness and ductility. Superior product chemistry, process control, ThermoForged® forming process, atmospherically controlled furnaces, and consistent lubricity for optimal performance and application.

INCH

DIAMETER	LENGTH UNDER HEAD	THREAD SERIES UNRC	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX	DIAMETER	LENGTH UNDER HEAD	THREAD SERIES UNRC	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX	
#2 (.086") 5/64" Key	3/16"	56	72002	0.1	100	#8 (CONT.)	3/4"	32	72060	0.7	100	
	1/4"	56	72004	0.1	"		7/8"	32	72062	0.7	"	
	3/8"	56	72006	0.1	"		1"	32	72064	0.8	"	
	1/2"	56	72008	0.2	"		1-1/4"	32	72066	0.9	"	
#3 (.099") 5/64" Key	3/16"	48	72010	0.1	100		1-1/2"	32	72068	1.1	"	
	1/4"	48	72012	0.1	"		1-3/4"	32	86362	1.2	"	
	3/8"	48	72014	0.1	"		2"	32	86364	1.2	"	
	1/2"	48	72016	0.2	"		2-1/2"	32	86368	1.3	"	
#4 (.112") 3/32" Key	3/16"	40	86150	0.2	100		#10 (.190") 5/32" Key	1/4"	24	86424	0.5	100
	1/4"	40	72018	0.2	"			3/8"	24	72070	0.6	"
	5/16"	40	86154	0.2	"			1/2"	24	72072	0.7	"
	3/8"	40	72020	0.2	"			5/8"	24	72074	0.8	"
	1/2"	40	72022	0.3	"			3/4"	24	72076	0.9	"
	5/8"	40	72024	0.3	"			7/8"	24	72078	0.9	"
	3/4"	40	72026	0.3	"	1"		24	72080	1.0	"	
	7/8"	40	86172	0.4	"	1-1/4"		24	72082	1.3	"	
	1"	40	86176	0.4	"	1-1/2"		24	72084	1.4	"	
#5 (.125") 3/32" Key	1/4"	40	72028	0.2	100	1-3/4"		24	72086	1.6	"	
	3/8"	40	72030	0.3	"	2"		24	72088	1.9	"	
	1/2"	40	72032	0.3	"	2-1/4"		24	86440	2.0	"	
	5/8"	40	72034	0.3	"	2-1/2"		24	86442	2.1	"	
	3/4"	40	72036	0.4	"	1/4" (.250") 3/16" Key		1/4"	20	86526	0.8	100
#6 (.138") 7/64" Key	1/4"	32	72038	0.3	100		3/8"	20	72090	1.0	"	
	3/8"	32	72040	0.3	"		1/2"	20	72092	1.2	"	
	1/2"	32	72042	0.4	"		5/8"	20	72094	1.4	"	
	5/8"	32	72044	0.4	"		3/4"	20	72096	1.5	"	
	3/4"	32	72046	0.4	"		7/8"	20	72098	1.6	"	
	7/8"	32	72048	0.5	"		1"	20	72100	1.8	"	
	1"	32	72050	0.5	"		1-1/4"	20	72102	2.1	"	
	1-1/4"	32	86288	0.5	"		1-1/2"	20	72104	2.5	"	
	1-1/2"	32	86292	0.6	"		1-3/4"	20	72106	2.8	"	
1-3/4"	32	86296	0.7	"	2"		20	72108	3.0	"		
2"	32	86300	0.8	"	2-1/4"		20	72110	3.4	"		
#8 (.164") 9/64" Key	1/4"	32	72052	0.4	100		2-1/2"	20	72112	3.8	"	
	3/8"	32	72054	0.5	"		2-3/4"	20	72114	3.9	"	
	1/2"	32	72056	0.5	"	3"	20	72116	4.3	"		
	5/8"	32	72058	0.6	"	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	"			

PLEASE ORDER BY PRODUCT CODE NUMBER

SOCKET HEAD CAP SCREWS - COARSE THREAD

INCH

DIAMETER	LENGTH UNDER HEAD	THREAD SERIES UNRC	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX	DIAMETER	LENGTH UNDER HEAD	THREAD SERIES UNRC	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX
5/16" (.312") 1/4" Key	1/2"	18	72120	2.0	100	7/16" (CONT.)	4"	14	72216	4.5	25
	5/8"	18	72122	2.3	"		4-1/2"	14	72271	5.0	"
	3/4"	18	72124	2.5	"		5"	14	86724	5.5	"
	7/8"	18	72126	2.7	"	1/2" (.500") 3/8" Key	1/2"	13	72218	3.7	50
	1"	18	72128	2.9	"		5/8"	13	72220	4.0	"
	1-1/4"	18	72130	3.4	"		3/4"	13	72222	4.2	"
	1-1/2"	18	72132	3.9	"		7/8"	13	72224	4.5	"
	1-3/4"	18	72134	4.4	"		1"	13	72226	4.8	"
	2"	18	72136	4.9	"		1-1/4"	13	72228	5.3	"
	2-1/4"	18	72138	5.4	"		1-1/2"	13	72230	6.3	"
	2-1/2"	18	72140	5.9	"		1-3/4"	13	72232	6.6	"
	2-3/4"	18	72142	6.4	"		2"	13	72234	7.4	"
	3"	18	72144	6.9	"		2-1/4"	13	72236	4.0	25
	3-1/4"	18	72146	3.7	50		2-1/2"	13	72238	4.4	"
	3-1/2"	18	72148	3.9	"		2-3/4"	13	72240	4.6	"
	4"	18	86646	4.5	"		3"	13	72242	4.9	"
3/8" (.375") 5/16" Key	1/2"	16	72150	3.4	100		3-1/4"	13	72244	5.1	"
	5/8"	16	72152	3.8	"		3-1/2"	13	72246	6.0	"
	3/4"	16	72154	4.0	"		3-3/4"	13	72247	6.2	"
	7/8"	16	72156	4.3	"	4"	13	72248	6.3	"	
	1"	16	72158	4.6	"	4-1/2"	13	72250	7.0	"	
	1-1/4"	16	72160	5.2	"	5"	13	72252	7.9	"	
	1-1/2"	16	72162	6.0	"	5-1/2"	13	72254	8.6	"	
	1-3/4"	16	72164	3.3	50	6"	13	72256	9.3	"	
	2"	16	72166	3.9	"	6-1/2"	13	72258	3.8	10	
	2-1/4"	16	72168	4.3	"	7"	13	72260	4.0	"	
	2-1/2"	16	72170	4.5	"	8"	13	72262	4.5	"	
	2-3/4"	16	72172	4.9	"	5/8" (.625") 1/2" Key	1"	11	72264	4.3	25
	3"	16	72174	5.1	"		1-1/4"	11	72266	4.8	"
	3-1/4"	16	72176	5.4	"		1-1/2"	11	72268	5.3	"
	3-1/2"	16	72178	5.8	"		1-3/4"	11	72270	5.6	"
	4"	16	72180	6.6	"		2"	11	72272	6.0	"
4-1/2"	16	72182	7.4	"	2-1/4"		11	72274	6.8	"	
5"	16	72184	8.8	"	2-1/2"		11	72276	7.3	"	
5-1/2"	16	86688	9.2	"	2-3/4"		11	72278	7.8	"	
6"	16	72185	9.5	"	3"		11	72280	8.4	"	
7/16" (.437") 3/8" Key	3/4"	14	72190	5.6	100		3-1/4"	11	72282	9.0	"
	7/8"	14	72192	6.0	"		3-1/2"	11	72284	9.5	"
	1"	14	72194	6.4	"		4"	11	72286	10.5	"
	1-1/4"	14	72196	3.8	50		4-1/2"	11	72288	9.5	20
	1-1/2"	14	72198	4.2	"		5"	11	72290	10.5	"
	1-3/4"	14	72200	4.6	"		5-1/2"	11	72292	5.3	10
	2"	14	72202	5.0	"		6"	11	72294	5.5	"
	2-1/4"	14	72204	5.5	"	6-1/2"	11	72296	5.9	"	
	2-1/2"	14	72206	6.0	"	7"	11	72298	6.3	"	
	2-3/4"	14	72208	3.3	25	8"	11	72300	7.0	"	
	3"	14	72210	3.5	"						
	3-1/4"	14	72212	4.0	"						
	3-1/2"	14	72214	4.0	"						

SOCKET HEAD CAP SCREWS - COARSE THREAD

DIAMETER	LENGTH UNDER HEAD	THREAD SERIES UNRC	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX	DIAMETER	LENGTH UNDER HEAD	THREAD SERIES UNRC	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX	
3/4" (.750") 5/8" Key	1-1/4"	10	72302	7.1	25	1" (CONT.)	2-1/2"	8	72372	8.1	10	
	1-1/2"	10	72304	7.6	"		2-3/4"	8	72374	8.5	"	
	1-3/4"	10	72306	8.4	"		3"	8	72376	9.2	"	
	2"	10	72308	9.1	"		3-1/4"	8	72378	9.7	"	
	2-1/4"	10	72310	9.9	"		3-1/2"	8	72380	10.3	"	
	2-1/2"	10	72312	10.6	"		4"	8	72382	11.3	"	
	2-3/4"	10	72314	11.4	"		4-1/2"	8	72384	12.4	"	
	3"	10	72316	12.3	"		5"	8	72386	13.5	"	
	3-1/4"	10	72318	13.0	"		5-1/2"	8	72388	14.6	"	
	3-1/2"	10	72320	13.8	"		6"	8	72390	15.8	"	
	3-3/4"	10	72321	14.8	"		6-1/2"	8	72392	16.8	"	
	4"	10	72322	15.4	"		7"	8	72394	17.8	"	
	4-1/2"	10	72324	14.0	20		8"	8	72396	19.8	"	
	5"	10	72326	14.7	"		UNIFIED 2A THREAD FIT					
	5-1/2"	10	72328	7.9	10		1-1/4" (1.250") 7/8" Key	3"	7	72400	1.6	1
	6"	10	72330	8.4	"		3-1/2"	7	72402	1.8	"	
6-1/2"	10	72332	9.0	"	4"	7	72404	2.0	"			
7"	10	72334	9.6	"	4-1/2"	7	72406	2.1	"			
8"	10	72336	10.8	"	5"	7	72408	2.3	"			
UNIFIED 2A THREAD FIT						5-1/2"	7	72410	2.4	"		
7/8" (.875") 3/4" Key	2"	9	72338	5.1	10	6"	7	72412	2.6	"		
	2-1/4"	9	72340	5.4	"	6-1/2"	7	72414	2.8	"		
	2-1/2"	9	72342	5.8	"	7"	7	72416	2.9	"		
	2-3/4"	9	72344	6.2	"	8"	7	72418	3.3	"		
	3"	9	72346	6.6	"	9"	7	72420	3.8	"		
	3-1/4"	9	72348	7.1	"	10"	7	72422	4.2	"		
	3-1/2"	9	72350	7.6	"	11"	7	72424	4.6	"		
	4"	9	72352	8.4	"	UNIFIED 2A THREAD FIT						
	4-1/2"	9	72354	9.2	"	1-1/2" (1.500") 1" Key	3-1/2"	6	72428	2.5	1	
	5"	9	72356	10.0	"	4"	6	72430	2.9	"		
5-1/2"	9	72358	10.8	"	4-1/2"	6	72432	3.0	"			
6"	9	72360	11.6	"	5"	6	72434	3.3	"			
6-1/2"	9	72362	12.5	"	5-1/2"	6	72436	3.5	"			
7"	9	72364	13.0	"	6"	6	72438	3.8	"			
8"	9	72366	13.6	"	6-1/2"	6	72440	4.0	"			
1" (1.000") 3/4" Key	2"	8	72368	7.1	10	7"	6	72442	4.3	"		
	2-1/4"	8	72370	7.6	"	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 B18.3

DIAMETER	LENGTH UNDER HEAD	THREAD SERIES UNRF	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX	DIAMETER	LENGTH UNDER HEAD	THREAD SERIES UNRF	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX
#0 (.060") .050" Key	1/8"	80	73002	0.1	100	#0 (CONT.)	1/4"	80	73006	0.1	100
	3/16"	80	73004	0.1	"		3/8"	80	73008	0.1	"

PLEASE ORDER BY PRODUCT CODE NUMBER

SOCKET HEAD CAP SCREWS - FINE THREAD

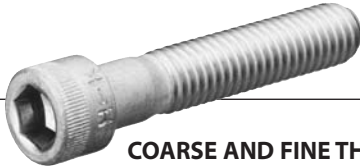
INCH

DIAMETER	LENGTH UNDER HEAD	THREAD SERIES UNRF	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX	DIAMETER	LENGTH UNDER HEAD	THREAD SERIES UNRF	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX
#1 (.073") 1/16" Key	1/4"	72	73014	0.1	100	5/16" (.CONT.)	1-3/4"	24	73090	4.4	100
	3/8"	72	73016	0.1	"		2"	24	73092	4.9	"
#6 (.138") 7/64" Key	1/4"	40	73018	0.3	100		2-1/4"	24	73094	5.4	"
	3/8"	40	73020	0.3	"		2-1/2"	24	73096	5.9	"
	1/2"	40	73022	0.4	"	3/8" (.375") 5/16" Key	1/2"	24	73098	3.4	100
	5/8"	40	73024	0.4	"		5/8"	24	73100	3.8	"
3/4"	40	73026	0.4	"	3/4"		24	73102	4.0	"	
#8 (.164") 9/64" Key	3/8"	36	73028	0.5	100		7/8"	24	73104	4.3	"
	1/2"	36	73030	0.5	"		1"	24	73106	4.6	"
#10 (.190") 5/32" Key	3/4"	36	73032	0.7	"		1-1/4"	24	73108	5.2	"
	1/4"	32	77388	0.5	100		1-1/2"	24	73110	6.0	"
	3/8"	32	73034	0.6	"		1-3/4"	24	73112	3.3	50
	1/2"	32	73036	0.7	"	2"	24	73114	3.9	"	
	5/8"	32	73038	0.8	"	2-1/4"	24	73116	4.3	"	
	3/4"	32	73040	0.9	"	2-1/2"	24	73118	4.5	"	
	7/8"	32	73042	0.9	"	2-3/4"	24	73119	4.9	"	
	1"	32	73044	1.0	"	3"	24	73120	5.1	"	
	1-1/4"	32	73046	1.3	"	3-1/2"	24	77500	5.8	"	
	1-1/2"	32	73048	1.4	"	4"	24	77504	6.6	"	
	1-3/4"	32	73050	1.6	"	5"	24	77510	8.8	"	
	2"	32	73052	1.9	"	7/16" (.437") 3/8" Key	1"	20	73122	6.4	100
	2-1/4"	32	77440	2.0	"		1-1/4"	20	73124	3.8	50
	2-1/2"	32	77442	2.2	"		1-1/2"	20	73126	4.2	"
3"	32	77446	2.5	"	2"		20	73128	5.0	"	
1/4" (.250") 3/16" Key	1/4"	28	77450	0.8	100	1/2" (.500") 3/8" Key	1"	20	73130	4.8	50
	3/8"	28	73054	1.0	"		1-1/4"	20	73132	5.3	"
	1/2"	28	73056	1.2	"		1-1/2"	20	73134	6.3	"
	5/8"	28	73058	1.4	"		1-3/4"	20	73136	6.6	"
	3/4"	28	73060	1.5	"		2"	20	73138	7.4	"
	7/8"	28	73062	1.6	"		2-1/4"	20	73140	4.0	25
	1"	28	73064	1.8	"		2-1/2"	20	73142	4.4	"
	1-1/4"	28	73066	2.1	"		2-3/4"	20	73143	4.6	"
	1-1/2"	28	73068	2.5	"		3"	20	73144	4.9	"
	1-3/4"	28	73070	2.8	"		3-1/2"	20	73145	6.0	"
	2"	28	73072	3.0	"		4"	20	77540	6.3	"
	2-1/4"	28	73074	3.4	"		4-1/2"	20	77544	7.0	"
	2-1/2"	28	77474	3.8	"		5"	20	77548	7.9	"
	3"	28	77478	4.3	"		5-1/2"	20	77552	8.6	"
4"	28	77482	5.7	"	6"	20	77556	9.3	"		
5/16" (.312") 1/4" Key	1/2"	24	73076	2.0	100	5/8" (.625") 1/2" Key	1"	18	73146	4.3	25
	5/8"	24	73078	2.3	"		1-1/4"	18	73148	4.8	"
	3/4"	24	73080	2.5	"		1-1/2"	18	73150	5.3	"
	7/8"	24	73082	2.7	"		1-3/4"	18	73152	5.6	"
	1"	24	73084	2.9	"		2"	18	73154	6.0	"
	1-1/4"	24	73086	3.4	"		2-1/4"	18	73155	6.8	"
1-1/2"	24	73088	3.9	"	2-1/2"		18	73156	7.3	"	
							2-3/4"	18	73158	7.8	"

PLEASE ORDER BY PRODUCT CODE NUMBER

SOCKET HEAD CAP SCREWS - FINE THREAD

DIAMETER	LENGTH UNDER HEAD	THREAD SERIES UNRF	PRODUCT CODE NUMBER		APPROX. WEIGHT LBS./BOX	QTY. IN BOX	DIAMETER	LENGTH UNDER HEAD	THREAD SERIES UNRF	PRODUCT CODE NUMBER		APPROX. WEIGHT LBS./BOX	QTY. IN BOX
			UNRC	UNRF						UNRC	UNRF		
5/8" (.625") 1/2" Key	3"	18	73160	-	8.4	25	5/8" (CONT.)	4-1/2"	18	73172	-	9.5	20
	3-1/2"	18	73164	-	9.5	"		5"	18	73176	-	10.5	"
	4"	18	73168	-	10.5	"							



STAINLESS CAP SCREWS

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

DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER		APPROX. WEIGHT LBS./BOX	QTY. IN BOX	DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER		APPROX. WEIGHT LBS./BOX	QTY. IN BOX
		UNRC	UNRF					UNRC	UNRF		
1/4" (.250") 20 UNRC 28 UNRF 3/16" Key	3/8"	78052	-	1.0	100	3/8" (.375") 16 UNRC 5/16" Key	1/2"	78090	-	3.4	100
	1/2"	78054	-	1.2	"		5/8"	78092	-	3.8	"
	5/8"	78056	79036	1.4	"		3/4"	78094	-	4.0	"
	3/4"	78058	79038	1.5	"		1"	78098	-	4.6	"
	7/8"	78060	-	1.6	"		1-1/4"	78100	-	5.2	"
	1"	78062	79040	1.8	"		1-1/2"	78102	-	6.0	"
	1-1/4"	78064	-	2.1	"		1-3/4"	78104	-	3.3	50
	1-1/2"	78066	-	2.5	"		2"	78106	-	3.9	"
	1-3/4"	78068	-	2.8	"		2-1/2"	78108	-	4.5	"
2"	78070	-	3	"							
5/16" (.312") 18 UNRC 1/4" Key	1/2"	78072	-	2.0	100	1/2" (.500") 13 UNRC 3/8" Key	1"	78112	-	4.8	50
	3/4"	78076	-	2.5	"		1-1/4"	78114	-	5.3	"
	7/8"	78078	-	2.7	"		1-1/2"	78116	-	6.3	"
	1"	78080	-	2.9	"		1-3/4"	78118	-	6.6	"
	1-1/4"	78082	-	3.4	"		2"	78120	-	7.4	"
	1-1/2"	78084	-	3.9	"						
2"	78088	-	4.9	"							



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. WEIGHT LBS./BOX	QTY. IN BOX	DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER		APPROX. WEIGHT LBS./BOX	QTY. IN BOX
		UNRC	UNRF					UNRC	UNRF		
#8 (.164") 32 UNRC 5/64" Key	3/8"	68002	-	0.3	100	#10 (.190") 24 UNRC 32 UNRF 3/32" Key	3/8"	68012	69002	0.4	100
	1/2"	68004	-	0.3	"		1/2"	68014	69004	0.5	"
	3/4"	68008	-	0.5	"		5/8"	-	69006	0.6	"
	1"	68010	-	0.7	"		3/4"	68018	69008	0.7	"

PLEASE ORDER BY PRODUCT CODE NUMBER

LOW HEAD CAP SCREWS

DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER		APPROX. WEIGHT LBS./BOX	QTY. IN BOX	DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER		APPROX. WEIGHT LBS./BOX	QTY. IN BOX
		UNRC	UNRF					UNRC	UNRF		
1/4" (.250") 20 UNRC 1/8" Key	3/8"	68022	-	0.7	100	3/8" (.375") 16 UNRC 3/16" Key	1/2"	68042	-	2.2	100
	1/2"	68024	-	0.8	"		3/4"	68044	-	2.8	"
	5/8"	68026	-	1.1	"		1"	68046	-	3.5	"
	3/4"	68028	-	1.2	"		1-1/4"	68048	-	4.2	"
	1"	68030	-	1.3	"		1-1/2"	68050	-	5.0	"
5/16" (.312") 18 UNRC 5/32" Key	1/2"	68032	-	1.4	100	1/2" (.500") 13 UNRC 1/4" Key	1"	68052	-	3.7	50
	3/4"	68034	-	1.8	"		1-1/4"	68054	-	4.1	"
	1"	68036	-	2.2	"		1-1/2"	68056	-	4.7	"
	1-1/4"	68038	-	2.8	"						
	1-1/2"	68040	-	3.3	"						

FLAT HEAD CAP SCREWS

COARSE AND FINE THREAD SERIES

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



DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER		APPROX. WEIGHT LBS./BOX	QTY. IN BOX	DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER		APPROX. WEIGHT LBS./BOX	QTY. IN BOX	
		UNRC	UNRF					UNRC	UNRF			
#4 (.112") 40 UNRC 1/16" Key	1/4"	60002	-	0.1	100	#10 (CONT.)	5/8"	60046	61006	0.6	100	
	3/8"	60004	-	0.2	"		3/4"	60048	61008	0.6	"	
	1/2"	60006	-	0.2	"		1"	60050	61010	0.8	"	
	5/8"	60008	-	0.2	"		1-1/4"	60052	61012	1.0	"	
	3/4"	60010	-	0.3	"		1-1/2"	60054	61014	1.2	"	
#5 (.125") 40 UNRC 5/64" Key	1/4"	60012	-	0.1	100	1/4" (.250") 20 UNRC 28 UNRF 5/32" Key	3/8"	60056	61016	0.8	100	
	3/8"	60014	-	0.2	"		1/2"	60058	61018	0.9	"	
	1/2"	60016	-	0.2	"		5/8"	60060	61020	1.0	"	
	5/8"	60018	-	0.3	"		3/4"	60062	61022	1.2	"	
	3/4"	60020	-	0.3	"		1"	60064	61024	1.4	"	
#6 (.138") 32 UNRC 5/64" Key	1/4"	60022	-	0.2	100		1-1/4"	60066	61026	1.7	"	
	3/8"	60024	-	0.2	"		1-1/2"	60068	61028	2.1	"	
	1/2"	60026	-	0.3	"		1-3/4"	60070	-	2.5	"	
	5/8"	60028	-	0.3	"		2"	60072	-	2.8	"	
	3/4"	60030	-	0.3	"							
#8 (.164") 32 UNRC 3/32" Key	3/8"	60032	-	0.3	100		5/16" (.312") 18 UNRC 24 UNRF 3/16" Key	1/2"	60074	61030	1.6	100
	1/2"	60034	-	0.3	"			5/8"	60076	61032	1.7	"
	5/8"	60036	-	0.4	"			3/4"	60078	61034	2.0	"
	3/4"	60038	-	0.5	"	1"		60080	61036	2.4	"	
	1"	60040	-	0.6	"	1-1/4"		60082	61038	2.9	"	
#10 (.190") 24 UNRC 32 UNRF 1/8" Key	3/8"	60042	61002	0.4	100	1-1/2"		60084	-	3.4	"	
	1/2"	60044	61004	0.5	"	1-3/4"		60086	-	4.0	"	
						2"		60088	-	4.5	"	
						2-1/4"		60090	-	5.1	"	
						2-1/2"		60092	-	5.5	"	

PLEASE ORDER BY PRODUCT CODE NUMBER

FLAT HEAD CAP SCREWS

DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER		APPROX. WEIGHT LBS./BOX	QTY. IN BOX	DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER		APPROX. WEIGHT LBS./BOX	QTY. IN BOX	
		UNRC	UNRF					UNRC	UNRF			
3/8" (.375") 16 UNRC 24 UNRF 7/32" Key	1/2"	60094	-	2.3	100	1/2" (.500") 13 UNRC 20 UNRF 5/16" Key	1-1/2"	60130	61056	4.4	50	
	5/8"	60096	61040	2.8	"		1-3/4"	60132	61058	4.9	"	
	3/4"	60098	61042	3.0	"		2"	60134	61060	5.5	"	
	1"	60100	61044	3.8	"		2-1/4"	60136	-	3.3	25	
	1-1/4"	60102	61046	4.5	"		2-1/2"	60138	-	3.6	"	
	1-1/2"	60104	61048	5.0	"		3"	60140	-	4.4	"	
	1-3/4"	60106	-	3.0	50		5/8" (.625") 11 UNRC 3/8" Key	1-1/4"	60142	-	3.3	25
	2"	60108	-	3.5	"			1-1/2"	60144	-	3.8	"
	2-1/4"	60110	-	3.8	"			1-3/4"	60146	-	4.3	"
	2-1/2"	60112	-	4.2	"			2"	60148	-	4.7	"
3"	60114	-	4.9	"	2-1/4"	60150		-	5.1	"		
7/16" (.437") 14 UNRC 1/4" Key	3/4"	60116	-	3.8	100	2-1/2"	60152	-	5.6	"		
	1"	60118	-	4.8	"	3"	60154	-	6.8	"		
	1-1/4"	60120	-	2.8	50	3/4" (.750") 10 UNRC 1/2" Key	1-1/2"	60158	-	5.8	25	
	1-1/2"	60122	-	3.4	"		1-3/4"	60160	-	6.5	"	
3/4"	60124	61050	2.4	50	2"		60162	-	7.3	"		
1"	60126	61052	3.0	"	2-1/2"		60166	-	8.3	"		
1/2" (.500") 13 UNRC 20 UNRF 5/16" Key	1-1/4"	60128	61054	3.8	"	3"	60168	-	9.8	"		



BUTTON HEAD CAP SCREWS

COARSE AND FINE THREAD SERIES

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

DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER		APPROX. WEIGHT LBS./BOX	QTY. IN BOX	DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER		APPROX. WEIGHT LBS./BOX	QTY. IN BOX	
		UNRC	UNRF					UNRC	UNRF			
#4 (.112") 40 UNRC 1/16" Key	1/4"	64002	-	0.1	100	#10 (.190") 24 UNRC 32 UNRF 1/8" Key	1/4"	64026	65002	0.4	100	
	3/8"	64004	-	0.2	"		3/8"	64028	65004	0.4	"	
	1/2"	64006	-	0.2	"		1/2"	64030	65006	0.5	"	
#6 (.138") 32 UNRC 5/64" Key	1/4"	64008	-	0.2	100		5/8"	64032	65008	0.6	"	
	3/8"	64010	-	0.2	"		3/4"	64034	65010	0.7	"	
	1/2"	64012	-	0.3	"		7/8"	64036	65012	0.4	50	
	5/8"	64014	-	0.3	"		1"	64038	65014	0.4	"	
#8 (.164") 32 UNRC 3/32" Key	1/4"	64016	-	0.3	100		1/4" (.250") 20 UNRC 28 UNRF 5/32" Key	3/8"	64040	65016	0.8	100
	3/8"	64018	-	0.3	"			1/2"	64042	65018	0.8	"
	1/2"	64020	-	0.4	"	5/8"		64044	65020	0.9	"	
	5/8"	64022	-	0.4	"	3/4"		64046	65022	1.1	"	
	3/4"	64024	-	0.5	"	7/8"		64048	-	0.6	50	
	1"	88348	-	0.7	"	1"		64050	65024	0.7	"	

PLEASE ORDER BY PRODUCT CODE NUMBER

INCH

BUTTON HEAD CAP SCREWS

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

SOCKET SET SCREWS



CUP POINT - COARSE AND FINE THREAD SERIES

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

Precision roll threading for maintaining tight tolerances for closer thread fit and longer lasting compression endurance. Cleaner walls for easier hex key insertion. Simultaneous forging of point and socket to maximize concentricity.

DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER		APPROX. WEIGHT LBS./BOX	QTY. IN BOX	DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER		APPROX. WEIGHT LBS./BOX	QTY. IN BOX
		UNC	UNF					UNC	UNF		
#4 (.112") 40 UNC 48 UNF .050" Key	1/8"	32020	33020	0.1	100	#6 (CONT.)	1/2"	32060	-	0.2	100
	3/16"	32022	33022	0.1	"		5/8"	32062	-	0.2	"
	1/4"	32024	33024	0.1	"		3/4"	32064	-	0.3	"
	5/16"	32026	-	0.1	"		7/8"	32066	-	0.3	"
	3/8"	32028	-	0.1	"		1"	32068	-	0.4	"
	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	#8 (.164") 32 UNC 36 UNF 5/64" Key	1/8"	32070	33042	0.1	100
	3/16"	32036	-	0.1	"		3/16"	32072	33044	0.1	"
	1/4"	32038	-	0.1	"		1/4"	32074	33046	0.1	"
	5/16"	32040	-	0.1	"		5/16"	32076	-	0.2	"
	3/8"	32042	-	0.1	"		3/8"	32078	33050	0.2	"
	1/2"	32044	-	0.2	"		7/16"	32080	-	0.2	"
	5/8"	32046	-	0.2	"		1/2"	32082	-	0.2	"
3/4"	32048	-	0.2	"	5/8"	32084	-	0.3	"		
#6 (.138") 32 UNC 40 UNF 1/16" Key	1/8"	32050	33032	0.1	100	#10 (.190") 24 UNC 32 UNF 3/32" Key	3/16"	32092	33054	0.1	100
	3/16"	32052	33034	0.1	"		1/4"	32094	33056	0.1	"
	1/4"	32054	33036	0.1	"		5/16"	32096	33058	0.2	"
	5/16"	32056	-	0.1	"		3/8"	32098	33060	0.3	"
	3/8"	32058	33040	0.1	"						

PLEASE ORDER BY PRODUCT CODE NUMBER

SOCKET SET SCREWS - CUP POINT

INCH

DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER		APPROX. WEIGHT LBS./BOX	QTY. IN BOX	DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER		APPROX. WEIGHT LBS./BOX	QTY. IN BOX
		UNC	UNF					UNC	UNF		
#10 (.190") 24 UNC 32 UNF 3/32" Key	1/2"	32100	33062	0.3	100	7/16" (CONT.)	5/8"	32198	-	1.8	100
	5/8"	32102	33064	0.3	"		3/4"	32200	-	2.3	"
	3/4"	32104	33066	0.4	"		7/8"	32202	-	1.3	50
	7/8"	32106	-	0.4	"		1"	32204	-	1.5	"
	1"	32108	33068	0.5	"		1-1/4"	32206	-	2.0	"
1-1/4"	32110	33070	0.6	"	1-1/2"	32208	-	2.4	"		
						2"	32210	-	3.3	"	
1/4" (.250") 20 UNC 28 UNF 1/8" Key	3/16"	32112	33072	0.3	100	1/2" (.500") 13 UNC 20 UNF 1/4" Key	3/8"	32212	-	1.5	100
	1/4"	32114	33074	0.3	"		1/2"	32214	33126	2.0	"
	5/16"	32116	33076	0.3	"		5/8"	32216	-	2.5	"
	3/8"	32118	33078	0.4	"		3/4"	32218	33128	2.8	"
	1/2"	32120	33080	0.5	"		7/8"	32220	-	1.7	50
	5/8"	32122	33082	0.6	"		1"	32222	33130	2.0	"
	3/4"	32124	33084	0.8	"		1-1/4"	32224	-	2.4	"
	7/8"	32126	-	0.9	"		1-1/2"	32226	-	3.0	"
	1"	32128	33086	1.0	"		1-3/4"	32228	-	1.8	25
	1-1/4"	32130	33088	1.3	"		2"	32230	-	2.1	"
	1-1/2"	32132	-	1.6	"		2-1/2"	32232	-	2.6	"
	1-3/4"	32134	-	0.9	50		3"	32234	-	3.1	"
	2"	32136	-	1.0	"						
5/16" (.312") 18 UNC 24 UNF 5/32" Key	1/4"	32138	33090	0.4	100	5/8" (.625") 11 UNC 18 UNF 5/16" Key	1/2"	32236	-	2.8	100
	5/16"	32140	33092	0.4	"		5/8"	32238	33132	1.8	50
	3/8"	32142	33094	0.5	"		3/4"	32240	-	2.1	"
	1/2"	32146	33096	0.8	"		1"	32242	33134	3.0	"
	5/8"	32148	33098	1.0	"		1-1/4"	32244	-	1.9	25
	3/4"	32150	33100	1.2	"		1-1/2"	32246	-	2.4	"
	7/8"	32152	-	1.4	"		1-3/4"	32248	-	2.9	"
	1"	32154	33102	1.7	"		2"	32250	-	3.2	"
	1-1/4"	32156	-	2.0	"		2-1/2"	32252	-	1.7	10
	1-1/2"	32158	-	2.4	"		3"	32254	-	2.1	"
	1-3/4"	32160	-	1.3	50						
2"	32162	-	1.4	"							
3/8" (.375") 16 UNC 24 UNF 3/16" Key	1/4"	32164	33104	0.7	100	3/4" (.750") 10 UNC 3/8" Key	5/8"	32256	-	2.8	50
	3/8"	32168	33106	0.9	"		3/4"	32258	-	3.3	"
	7/16"	32170	-	1.0	"		1"	32260	-	4.3	"
	1/2"	32172	33108	1.1	"		1-1/4"	32262	-	2.7	25
	5/8"	32174	33110	1.3	"		1-1/2"	32264	-	3.4	"
	3/4"	32176	33112	1.8	"		1-3/4"	32266	-	1.6	10
	7/8"	32178	-	2.0	"		2"	32268	-	1.8	"
	1"	32180	33114	2.3	"		2-1/2"	32270	-	2.4	"
	1-1/4"	32182	33116	2.9	"		3"	32272	-	2.9	"
	1-1/2"	32184	33118	3.5	"						
	1-3/4"	32186	-	2.0	50		7/8" (.875") 9 UNC 1/2" Key	7/8"	32274	-	0.9
2"	32188	-	2.3	"	1"	32276		-	1.0	"	
2-1/2"	32190	-	3.0	"							
7/16" (.437") 14 UNC 20 UNF 7/32" Key	3/8"	32192	33120	1.1	100	1" (1.000") 8 UNC 9/16" Key	1"	32286	-	1.3	10
	7/16"	32194	33122	1.3	"		1-1/2"	32288	-	2.2	"
	1/2"	32196	33124	1.4	"		2"	32290	-	3.2	"
						3"	32294	-	5.0	"	

PLEASE ORDER BY PRODUCT CODE NUMBER

SOCKET SET SCREWS



HOLO-KNURL® POINT

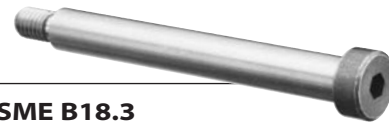
COARSE AND FINE THREAD SERIES

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

HOLO-KNURL® for superior holding power.

DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER		APPROX. WEIGHT LBS./BOX	QTY. IN BOX	DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER		APPROX. WEIGHT LBS./BOX	QTY. IN BOX
		UNC	UNF					UNC	UNF		
#4 (.112") 40 UNC .050" Key	1/8"	42002	-	0.1	100	1/4" (CONT.)	3/8"	42032	43022	0.4	100
							1/2"	42034	-	0.5	"
							3/4"	42036	-	0.8	"
#6 (.138") 32 UNC 40 UNF 1/16" Key	1/8"	42008	43006	0.1	100	5/16" (.312") 18 UNC 24 UNF 5/32" Key	1/4"	42038	43024	0.4	100
	3/16"	42010	-	0.1	"		5/16"	42040	43026	0.4	"
	1/4"	42012	-	0.1	"		3/8"	42042	43028	0.5	"
#8 (.164") 32 UNC 5/64" Key	1/8"	42014	-	0.1	100	5/8"	1/2"	42043	43030	0.8	"
	3/16"	42016	-	0.1	"		3/4"	42044	-	1.0	"
	1/4"	42018	-	0.1	"		1"	42045	-	1.2	"
	3/8"	42020	-	0.2	"		42046	-	1.7	"	
#10 (.190") 24 UNC 32 UNF 3/32" Key	3/16"	-	43008	0.1	100	3/8" (.375") 16 UNC 24 UNF 3/16" Key	3/8"	42047	43032	0.9	100
	1/4"	42024	43010	0.1	"		1/2"	42048	43034	1.1	"
	3/8"	-	43012	0.3	"		3/4"	42049	-	1.8	"
	1/2"	-	43014	0.3	"		1"	42050	-	2.3	"
1/4" (.250") 20 UNC 28 UNF 1/8" Key	3/16"	42026	43016	0.3	100	1/2" (.500") 13 UNC 1/4" Key	1/2"	42052	-	2.0	100
	1/4"	42028	43018	0.3	"		5/8"	42054	-	2.5	"
	5/16"	42030	43020	0.3	"		3/4"	42056	-	2.8	50
						1"	42058	-	2.0	"	

SHOULDER SCREWS



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

Engineered tough to withstand pounding of heavy plates. Triple concentricity where thread to shoulder to head exactly line up. Shoulder grinding and thread diameter rolling done by centerless grinder and after heat treat process to ensure superior concentricity.

DIAMETER	SHOULDER LENGTH	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX	DIAMETER	SHOULDER LENGTH	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX
THREAD SERIES #10-24 UNRC	1/2"	08004	0.4	"	1/2"	08018	0.4	"	
	5/8"	08006	0.4	"	5/8"	08020	0.7	"	
	3/4"	08008	0.5	"	3/4"	08022	0.8	"	
	1"	08010	0.6	"	1"	08024	0.9	"	
	1-1/4"	08012	0.6	"	THREAD SERIES 1/4-20 UNRC	1-1/4"	08026	1.0	"
	1-1/2"	08014	0.8	"		1-1/2"	08028	1.1	"
						1-3/4"	08030	1.3	"
						2"	08032	1.4	"

PLEASE ORDER BY PRODUCT CODE NUMBER

SHOULDER SCREWS

INCH

DIAMETER	SHOULDER LENGTH	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX	DIAMETER	SHOULDER LENGTH	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX
3/8" (.371") (.373") 3/16" Key THREAD SERIES 5/16 -18 UNRC	3/8"	08034	0.9	25	5/8" (.621") (.623") 5/16" Key THREAD SERIES 1/2 -13 UNRC	1-1/4"	08100	5.0	25
	1/2"	08036	1.0	"		1-1/2"	08102	5.6	"
	5/8"	08038	1.1	"		1-3/4"	08104	6.3	"
	3/4"	08040	1.3	"		2"	08106	6.8	"
	1"	08042	1.4	"		2-1/4"	08108	7.4	"
	1-1/4"	08046	1.6	"		2-1/2"	08110	7.9	"
	1-1/2"	08048	1.9	"		2-3/4"	08112	8.5	"
	1-3/4"	08049	2.1	"		3"	08114	8.9	"
	2"	08050	2.3	"		3-1/4"	08116	9.5	"
	2-1/4"	08052	2.4	"		3-1/2"	08118	10.0	"
	2-1/2"	08054	2.6	"		3-3/4"	08117	10.5	"
	2-3/4"	08056	2.9	"		4"	08120	4.4	10
	3"	08058	3.1	"		4-1/4"	08119	4.6	"
	3-1/4"	08060	3.3	"		4-1/2"	08122	5.0	"
	3-1/2"	08062	3.5	"		4-3/4"	08121	5.1	"
	4"	08064	3.9	"		5"	08124	5.2	"
						5-1/2"	08123	6.2	"
						6"	08125	6.6	"
1/2" (.496") (.498") 1/4" Key THREAD SERIES 3/8 -16 UNRC	1/2"	08066	2.0	25	3/4" (.746") (.748") 3/8" Key THREAD SERIES 5/8 -11 UNRC	1-1/2"	08126	3.6	10
	5/8"	08068	2.3	"		1-3/4"	08128	3.8	"
	3/4"	08070	2.4	"		2"	08130	4.0	"
	1"	08072	2.8	"		2-1/4"	08132	4.4	"
	1-1/4"	08074	3.1	"		2-1/2"	08134	4.8	"
	1-1/2"	08076	3.4	"		2-3/4"	08136	5.0	"
	1-3/4"	08078	3.8	"		3"	08138	5.4	"
	2"	08080	4.1	"		3-1/4"	08139	5.6	"
	2-1/4"	08082	4.5	"		3-1/2"	08140	6.0	"
	2-1/2"	08084	4.9	"		3-3/4"	08141	6.3	"
	2-3/4"	08086	5.2	"		4"	08142	6.6	"
	3"	08088	5.6	"		4-1/4"	08143	7.0	"
	3-1/4"	08090	5.9	"		4-1/2"	08144	7.2	"
	3-1/2"	08092	6.3	"		4-3/4"	08145	7.6	"
	3-3/4"	08093	6.5	"		5"	08146	7.8	"
	4"	08094	7.0	"		5-1/2"	08148	8.5	"
	4-1/4"	08095	7.2	"		6"	08150	9.1	"
	4-1/2"	08096	3.0	10					
4-3/4"	08097	3.2	"						
5"	08098	3.4	"						



DOWEL PINS

BLACK LUSTRE FINISH

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

Formed ends to prevent mushrooming during assembly. Easy-Entry chamfered points to assure easy assembly. High luster black oxide finish for lubricity and optimal color.

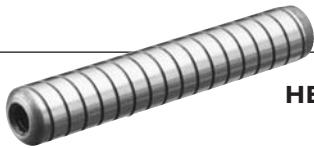
DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX	DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX
1/8"	3/8"	01002	0.5	100	1/8"	1/2"	01004	0.5	100

PLEASE ORDER BY PRODUCT CODE NUMBER

DOWEL PINS - OVERSIZE

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

DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX	DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX
1/8"	1/2"	03004	0.5	100	5/16"	1"	03046	2.0	100
	3/4"	03008	0.5	"		1-1/2"	03050	3.5	"
	1"	03010	0.5	"		3/8"	1"	03058	3.0
3/16"	1/2"	03016	0.5	100	1-1/4"		03060	4.0	"
	1"	03022	1.0	"	1-1/2"		03062	5.0	"
	1-1/2"	03026	1.5	"	1/2"	1"	03070	2.4	40
1/4"	1/2"	03030	1.0	100		1-1/2"	03074	3.4	"
	3/4"	03034	1.0	"		2"	03076	4.6	"
	1"	03036	1.5	"	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.				
1-1/4"	03038	2.0	"						
1-1/2"	03040	2.0	"						
2"	03042	3.0	"						



PULL DOWELS

HEAT TREATED ALLOY STEEL • 6RMS 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.

Spiraled air grooves to prevent trapped air with suction for easy insertion and removal.

DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX	DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX
1/4"	3/4"	04002	0.2	20	3/8"	2-1/4"	04052	3.0	20
	1"	04006	0.3	"		2-1/2"	04054	1.6	"
	1-1/4"	04008	0.7	"		3"	04056	1.9	"
	1-1/2"	04012	0.4	"	1/2"	1"	04058	1.1	20
	1-3/4"	04014	1.0	"		1-1/4"	04060	1.4	"
	2"	04016	0.6	"		1-1/2"	04062	1.7	"
	2-1/2"	04018	1.4	"		1-3/4"	04064	2.0	"
5/16"	3/4"	04022	0.3	20		2"	04066	2.2	"
	1"	04026	0.4	"		2-1/4"	04068	2.6	"
	1-1/4"	04028	0.6	"		2-1/2"	04070	2.8	"
	1-1/2"	04030	0.7	"	3"	04072	3.4	"	
	2"	04034	0.9	"	3-1/2"	04074	4.0	"	
	2-1/2"	04038	1.4	"	5/8"	1-1/2"	04078	1.3	10
3/8"	1"	04042	0.6	20		2"	04082	1.8	"
	1-1/4"	04044	0.8	"		2-1/4"	04084	5.1	"
	1-1/2"	04046	0.9	"		2-1/2"	04086	2.2	"
	1-3/4"	04048	1.1	"		3"	04088	2.7	"
	2"	04050	1.3	"					

PLEASE ORDER BY PRODUCT CODE NUMBER

PULL DOWELS

DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX	DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX
3/4"	2"	04094	2.5	10	1"	2"	04102	4.5	10
	2-1/2"	04096	3.2	"		3"	04106	6.7	"
	3"	04098	3.8	"		4"	04110	9.0	"
	4"	04100	5.1	"					

ALLENUTS®

COARSE AND FINE THREAD SERIES

MATERIAL: HEAT TREATED STEEL • THREADS: UNC/UNF



Internal hex-key wrenching is ideal for tight clearances and features 12-point (double-hex) socket for easier hex key engagement. Can be used in counter-bored hole or pressed in to serve as a ready tap for replacing stripped or worn threads.

DIAMETER THREADS PER INCH	KEY SIZE	PRODUCT CODE NUMBER	PACKAGE WEIGHT IN LBS.	PACKAGE QTY.	DIAMETER THREADS PER INCH	KEY SIZE	PRODUCT CODE NUMBER	PACKAGE WEIGHT IN LBS.	PACKAGE QTY.
#4-40	1/8"	06032	0.2	100	7/16-14	7/16"	06048	3.4	50
#5-40	1/8"	06034	0.2	"	7/16-20	7/16"	07038	3.4	"
#6-32	5/32"	06036	0.4	"	1/2-13	1/2"	06050	4.8	"
#8-32	3/16"	06038	0.4	"	1/2-20	1/2"	07040	4.8	"
#10-24	3/16"	06040	0.6	"	5/8-11	5/8"	06052	9.0	"
#10-32	3/16"	07030	0.6	"	5/8-18	5/8"	07042	9.0	"
1/4-20	1/4"	06042	1.2	"	3/4-10	3/4"	06054	13.6	"
1/4-28	1/4"	07032	1.2	"	3/4-16	3/4"	07044	13.6	"
5/16-18	5/16"	06044	2.2	"	7/8-9	7/8"	06056	10.4	25
5/16-24	5/16"	07034	2.2	"	7/8-14	7/8"	07046	10.4	"
3/8-16	3/8"	06046	3.2	"	1-8	1"	06058	14.8	"
3/8-24	3/8"	07036	3.2	"	1-14	1"	07048	14.8	"

STAINLESS STEEL ALLENUTS®

AUSTENITIC STAINLESS STEEL • THREADS: UNC/UNF

DIAMETER THREADS PER INCH	KEY SIZE	PRODUCT CODE NUMBER	PACKAGE WEIGHT IN LBS.	PACKAGE QTY.	DIAMETER THREADS PER INCH	KEY SIZE	PRODUCT CODE NUMBER	PACKAGE WEIGHT IN LBS.	PACKAGE QTY.
#4-40	1/8"	06070	0.2	100	#10-32	3/16"	07060	0.6	100
#6-32	5/32"	06072	0.4	"	1/4-20	1/4"	06078	1.2	"
#8-32	3/16"	06074	0.4	"	5/16-18	5/16"	06080	2.2	"
#10-24	3/16"	06076	0.6	"	3/8-16	3/8"	06082	3.2	"

PLEASE ORDER BY PRODUCT CODE NUMBER



PRESSURE PLUGS

Superior cold heading to ensure the thinner walls of the pressure plug remain strong.

Thread roots and crests are precision controlled to prevent spiral leakage.

INCH

DRY SEAL 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. WEIGHT LBS./BOX	QTY. IN BOX	PRESSURE PLUG SIZE	LENGTH OF PLUG NOMINAL	NPTF-3/4" THREADS PER INCH	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX
1/16"	5/16"	27	10002	0.5	100	1/2"	9/16"	14	10010	2.9	50
1/8"	5/16"	27	10004	0.8	"	3/4"	5/8"	14	10012	5.1	"
1/4"	7/16"	18	10006	2.0	"	1"	3/4"	11-1/2	10014	5.3	25
3/8"	1/2"	18	10008	4.0	"	1-1/4"	13/16"	11-1/2	10016	9.5	"

STAINLESS STEEL 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. WEIGHT LBS./BOX	QTY. IN BOX	PRESSURE PLUG SIZE	LENGTH OF PLUG NOMINAL	NPTF-3/4" THREADS PER INCH	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX
1/8"	5/16"	27	13002	0.8	100	1/4"	7/16"	18	13004	2.0	100

FLUSH 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. WEIGHT LBS./BOX	QTY. IN BOX	PRESSURE PLUG SIZE	LENGTH OF PLUG NOMINAL	PTF-7/8" THREADS PER INCH	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX
1/16"	1/4"	27	12002	0.5	100	3/8"	13/32"	18	12008	4.0	100
1/8"	1/4"	27	12004	0.8	"	1/2"	17/32"	14	12010	2.9	50
1/4"	13/32"	18	12006	2.0	"	3/4"	17/32"	14	12012	5.1	"

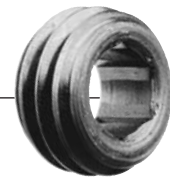
BRASS FLUSH PRESSURE PLUGS

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. WEIGHT LBS./BOX	QTY. IN BOX	PRESSURE PLUG SIZE	LENGTH OF PLUG NOMINAL	PTF-7/8" THREADS PER INCH	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX
1/16"	1/4"	27	11100	0.5	100	3/8"	13/32"	18	11106	4.0	100
1/8"	1/4"	27	11102	0.8	"	1/2"	17/32"	14	11108	2.9	50
1/4"	13/32"	18	11104	2.0	"	3/4"	17/32"	14	11110	5.1	"

PLEASE ORDER BY PRODUCT CODE NUMBER

JAM SCREWS



HEAT TREATED ALLOY STEEL • UNIFIED 3A THREAD FIT

Precision chamfered for easy hex key insertion. Black oxide finish for consistent black color.

DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER		APPROX. WEIGHT LBS./BOX	QTY. IN BOX	DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER		APPROX. WEIGHT LBS./BOX	QTY. IN BOX
		UNC	UNF					UNC	UNF		
#4 (.112") 40 UNC	5/64"	06002	-	0.06	100	7/16" (.437") 14 UNC 20 UNF	7/32"	06018	07018	0.50	100
#8 (.164") 32 UNC	7/64"	06008	-	0.06	100	1/2" (.500") 13 UNC 20 UNF	1/4"	06020	07020	0.81	100
#10 (.190") 24 UNC 32 UNF	1/8"	06010	07010	0.09	100	5/8" (.625") 11 UNC 18 UNF	5/16"	06022	07022	1.50	100
1/4" (.250") 20 UNC 28 UNF	1/8"	06012	07012	0.13	100	3/4" (.750") 10 UNC 16 UNF	3/8"	06024	07024	1.50	50
5/16" (.312") 18 UNC 24 UNF	5/32"	06014	07014	0.25	100	7/8" (.875") 9 UNC 14 UNF	7/16"	06026	07026	0.85	25
3/8" (.375") 16 UNC 24 UNF	3/16"	06016	07016	0.37	100	1" (1.00") 8 UNC 14 UNF	1/2"	06028	07028	1.30	25



SOCKET HEAD CAP SCREWS

HEAT TREATED ALLOY STEEL TO GRADE 12.9

ISO METRIC THREADS TO ANSI B1.13M

Holo-Krome cap screws offer optimal balance of hardness and ductility. Superior product chemistry, process control, ThermoForged® forming process, atmospherically controlled furnaces, and consistent lubricity for optimal performance and application.

METRIC

DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX	DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX
M2 Pitch .4 1.5mm Key	4	76604	0.1	100	M5 (CONT.)	16	76120	0.7	100
	5	76605	0.1	"		20	76124	0.7	"
	6	76606	0.1	"		25	76128	0.9	"
	8	76608	0.1	"		30	76132	1.0	"
	10	76610	0.1	"		35	76136	1.4	"
	12	76612	0.1	"		40	76140	1.5	"
M2.5 Pitch .45 2.0mm Key	5	76655	0.1	100		45	76144	1.7	"
	6	76656	0.1	"		50	76148	1.9	"
	8	76658	0.1	"		55	76149	2.0	"
	10	76660	0.1	"		60	76150	2.0	"
	12	76662	0.1	"		65	76151	3.0	"
M3 Pitch 0.50 2.5mm Key	5	76004	0.1	100		70	76147	3.0	"
	6	76008	0.1	"		80	76721	3.0	"
	8	76012	0.2	"		90	76722	3.3	"
	10	76016	0.2	"		M6 Pitch 1.00 5mm Key	8	76152	0.9
	12	76020	0.2	"	10		76156	1.0	"
	16	76028	0.2	"	12		76160	1.0	"
	20	76032	0.3	"	16		76168	1.0	"
	25	76036	0.3	"	20		76172	1.4	"
	30	76040	0.4	"	25		76176	1.6	"
35	76044	0.5	"	30	76180		1.8	"	
M4 Pitch 0.70 3mm Key	5	76048	0.3	100	35		76184	2.0	"
	6	76052	0.3	"	40		76188	2.4	"
	8	76056	0.3	"	45		76192	2.6	"
	10	76060	0.4	"	50		76196	2.9	"
	12	76064	0.4	"	55	76200	3.0	"	
	16	76072	0.5	"	60	76204	3.0	"	
	20	76076	0.6	"	65	76208	3.6	"	
	25	76080	0.7	"	70	76212	3.8	"	
	30	76084	0.8	"	75	76216	3.9	"	
	35	76088	0.9	"	80	76217	4.0	"	
	40	76092	1.0	"	90	76218	4.8	"	
45	76096	1.0	"	100	76219	5.0	"		
50	76100	1.0	"	110	76215	6.0	"		
M5 Pitch 0.80 4mm Key	6	76102	0.5	100	M8 Pitch 1.25 6mm Key	10	76220	2.2	100
	8	76104	0.5	"		12	76224	2.4	"
	10	76108	0.6	"		16	76232	2.6	"
	12	76112	0.6	"		20	76236	2.4	"
						25	76240	3.4	"

PLEASE ORDER BY PRODUCT CODE NUMBER

SOCKET HEAD CAP SCREWS

DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX	DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX
M8 (CONT.)	30	76244	3.7	100	M12 (CONT.)	55	76384	6.6	50
	35	76248	4.0	"		60	76388	7.1	"
	40	76252	4.6	"		65	76392	7.6	"
	45	76256	5.0	"		70	76396	8.1	"
	50	76260	5.5	"		75	76400	8.6	"
	55	76264	5.9	"		80	76404	9.0	25
	60	76268	6.0	"		90	76408	5.0	"
	65	76272	6.8	"		100	76412	5.5	"
	70	76276	7.2	"		110	76416	6.0	"
	75	76280	7.6	"		120	76420	6.4	"
	80	76279	8.0	"		130	76421	6.9	"
	90	76281	9.0	"		140	76418	7.5	"
	100	76282	10.0	"		150	76422	6.0	10
	110	76283	10.7	"		160	76419	8.0	"
	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	M16 Pitch 2.00 14mm Key	25	76423	4.2	25
	12	76284	4.0	"		30	76424	4.2	"
	16	76292	4.6	"		35	76428	4.8	"
	20	76296	5.0	"		40	76432	5.0	"
	25	76300	5.7	"		45	76436	5.3	"
	30	76304	6.1	"		50	76440	5.8	"
	35	76308	6.8	"		55	76444	6.2	"
	40	76312	7.5	"		60	76448	6.7	"
	45	76316	8.0	"		65	76452	7.1	"
	50	76320	8.8	"		70	76456	7.5	"
	55	76324	9.6	"		75	76460	8.0	"
	60	76328	5.1	50		80	76464	8.5	"
	65	76332	5.4	"		90	76468	9.3	"
	70	76336	5.8	"		100	76472	4.0	10
	75	76340	6.1	"		110	76476	4.4	"
80	76344	6.4	"	120	76480	4.7	"		
90	76348	7.1	"	130	76478	5.1	"		
100	76352	7.8	"	140	76479	5.5	"		
110	76353	8.5	"	150	76481	5.8	"		
120	76357	9.0	"	160	76482	6.0	"		
130	76354	9.9	"	180	76483	6.2	"		
150	76355	11.2	"						
M12 Pitch 1.75 10mm Key	12	76780	6.4	100	M20 Pitch 2.50 17mm Key	30	76800	16.0	50
	16	76784	6.9	"		35	76804	3.2	10
	20	76356	7.0	"		40	76484	3.2	"
	25	76360	7.8	"		45	76488	3.5	"
	30	76364	8.6	"		50	76492	3.8	"
	35	76368	9.4	"		55	76496	4.0	"
	40	76372	5.2	50		60	76500	4.3	"
	45	76376	5.7	"		65	76504	4.5	"
	50	76380	6.1	"		70	76508	4.8	"
						75	76512	5.1	"
				80	76516	5.4	"		
				90	76520	5.9	"		
				100	76524	6.4	"		
				110	76528	7.0	"		

METRIC

SOCKET HEAD CAP SCREWS

DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX	DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX
M20 (CONT.)	120	76532	7.6	10	M30 Pitch 3.5 22mm Key	80	76584	15.6	10
	130	76536	8.1	"		90	76585	16.9	"
	140	76537	8.7	"		100	76586	18.2	"
	150	76540	9.2	"		110	76587	9.8	5
	160	76541	9.7	"		120	76592	10.4	"
	180	76542	9.9	"		130	76588	11.0	"
	200	76543	12.0	"		140	76593	11.6	"
M24 Pitch 3.00 19mm Key	40	76808	15.5	25		150	76589	2.5	1
	50	76544	6.9	10		160	76594	2.6	"
	55	76810	7.3	"		180	76590	2.9	"
	60	76548	7.6	"		200	76591	3.1	"
	65	76552	7.9	"		220	76595	3.4	"
	70	76556	8.2	"		240	76596	3.6	"
	80	76560	8.9	"		300	76598	4.3	"
	90	76564	9.6	"		M36 Pitch 4 27mm Key	80	76900	12.2
	100	76568	10.7	"	90		76902	2.7	1
	110	76569	11.5	"	100		76906	2.8	"
	120	76572	12.3	"	110		76910	3	"
	130	76573	13	"	120		76914	3.3	"
	140	76574	13.8	"	130		76918	3.4	"
	150	76576	7.3	5	140		76922	3.6	"
	160	76577	7.7	"	150		76926	3.8	"
	180	76578	8.5	"	160		76930	4	"
	200	76579	9.3	"	170	76934	4.2	"	
	220	76580	10.1	"	180	76938	4.4	"	
240	76581	2.3	1	200	76942	4.7	"		
260	76583	2.4	"	240	76946	5.4	"		
				260	76950	5.8	"		



BLUE 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. WEIGHT LBS./BOX	QTY. IN BOX	DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX
M3 Pitch 0.50 2.5mm Key	6	76008B	0.1	100	M4 (CONT.)	20	76076B	0.6	100
	8	76012B	0.2	"		25	76080B	0.7	"
	10	76016B	0.2	"		30	76084B	0.8	"
	12	76020B	0.2	"		40	76092B	1.0	"
	16	76028B	0.2	"		50	76100B	1.0	"
	20	76032B	0.3	"		M5 Pitch 0.80 4mm Key	8	76104B	0.5
M4 Pitch 0.70 3mm Key	6	76052B	0.3	100	10		76108B	0.6	"
	8	76056B	0.3	"	12		76112B	0.6	"
	10	76060B	0.4	"	16		76120B	0.6	"
	12	76064B	0.4	"	20		76124B	0.7	"
	15	76068B	0.5	"	25		76128B	0.9	"
	16	76072B	0.5	"	30	76132B	1.0	"	

PLEASE ORDER BY PRODUCT CODE NUMBER

METRIC

BLUE CAP SCREWS

DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX	DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX	
M5 (CONT.)	35	76136B	1.4	100	M10 Pitch 1.50 8mm Key	45	76316B	8.0	100	
	40	76140B	1.5	"		50	76320B	8.8	"	
	45	76144B	1.7	"		60	76328B	5.1	50	
	50	76148B	1.9	"		70	76336B	5.8	"	
M6 Pitch 1.00 5mm Key	8	76152B	0.9	100		80	76344B	6.4	"	
	10	76156B	1.0	"		90	76348B	7.1	"	
	12	76160B	1.0	"		100	76352B	7.8	"	
	14	76162B	1.0	"		130	76354B	9.9	"	
	15	76166B	1.0	"		M12 Pitch 1.75 10mm Key	20	76356B	7.0	100
	16	76168B	1.0	"			25	76360B	7.8	"
	18	76170B	1.2	"	30		76364B	8.6	"	
	20	76172B	1.4	"	35		76368B	9.4	"	
	25	76176B	1.6	"	40		76372B	5.2	50	
	30	76180B	1.8	"	45		76376B	5.7	"	
	35	76184B	2.0	"	50		76380B	6.1	"	
	40	76188B	2.4	"	55		76384B	6.6	"	
	50	76196B	2.9	"	60		76388B	7.1	"	
	60	76204B	3.0	"	65		76392B	7.6	"	
75	76216B	3.9	"	70	76396B		8.4	"		
80	76217B	4.0	"	75	76400B		8.6	"		
M8 Pitch 1.25 6mm Key	10	76220B	2.2	100	80		76404B	5.0	25	
	12	76224B	2.5	"	100		76412B	5.5	"	
	16	76232B	2.6	"	110	76416B	6.0	"		
	18	76234B	2.9	"	150	76422B	6.0	10		
	20	76236B	2.4	"	M16 Pitch 2.00 14mm Key	30	76424B	4.2	25	
	22	76238B	3.2	"		35	76428B	4.8	"	
	25	76240B	3.4	"		40	76432B	5.0	"	
	30	76244B	3.7	"		45	76436B	5.3	"	
	35	76248B	4.0	"		50	76440B	5.8	"	
	40	76252B	4.6	"		55	76444B	6.2	"	
	45	76256B	5.0	"		60	76448B	6.7	"	
	50	76260B	5.5	"		65	76452B	7.1	"	
	55	76264B	5.9	"		70	76456B	7.5	"	
	60	76268B	6.0	"		80	76464B	8.5	"	
65	76272B	6.8	"	90		76468B	9.3	"		
70	76276B	7.2	"	100		76472B	4.0	10		
75	76281B	7.6	"	110		76476B	4.4	"		
80	76279B	8.0	"	120		76480B	4.7	"		
90	76280B	9.0	"	130	76478B	5.1	"			
110	76283B	10.7	"	150	76481B	6.0	"			
M10 Pitch 1.50 8mm Key	10	76286B	4.0	100	M20 Pitch 2.50 17mm Key	40	76484B	3.7	10	
	16	76292B	4.6	"		50	76492B	4.0	"	
	20	76296B	5.0	"		60	76500B	4.3	"	
	22	76298B	5.5	"		70	76508B	4.8	"	
	25	76300B	5.7	"		80	76516B	5.4	"	
	30	76304B	6.1	"		90	76520B	5.9	"	
	35	76308B	6.8	"		100	76524B	6.4	"	
40	76312B	7.5	"	140		76537B	8.7	"		

METRIC

BLUE CAP SCREWS

DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX	DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX
M20 (CONT.)	150	76540B	9.2	10	M24 (CONT.)	120	76572B	12.3	10
						130	76573B	13.0	"
						140	76574B	13.8	"
						150	76576B	7.3	5
M24 Pitch 3.00 19mm Key	70	76556B	8.2	10	M30 Pitch 3.5 22mm Key	80	76584B	15.6	10
	80	76560B	8.9	"		100	76586B	18.2	"
	90	76564B	9.6	"					"
	100	76568B	10.7	"					"
	110	76569B	11.5	"					"



LOW HEAD CAP SCREWS

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

DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX	DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX
M4 Pitch 0.70 2.55mm Key	8	69304	0.3	100	M8 Pitch 1.25 5mm Key	16	69458	2.1	100
	10	69308	0.3	"		20	69462	2.4	"
	12	69312	0.3	"		25	69466	2.8	"
	16	69320	0.4	"		M10 Pitch 1.50 6mm Key	20	69508	4.2
	20	69328	0.5	"	40		69524	3.2	50
	25	69332	0.6	"	M12 Pitch 1.75 8mm Key	20	69550	3.1	50
M5 Pitch 0.80 3mm Key	8	69350	0.5	100		25	69554	3.5	"
	10	69354	0.6	"		35	69562	4.3	"
	12	69358	0.6	"		50	69574	2.7	25
	16	69370	0.7	"		80	69582	4.3	"
	20	69374	0.8	"	M16 Pitch 2.00 10mm Key	30	69590	1.7	10
	25	69378	0.5	"		35	69594	1.8	"
M6 Pitch 1.00 4mm Key	10	69394	0.8	100		40	69598	1.9	"
	12	69398	0.9	"		45	69602	2.1	"
	16	69410	1.1	"		60	69610	2.5	"
	20	69414	1.2	"		70	69614	3.0	"
	25	69418	1.4	"					
	30	69422	1.6	"					
	35	69426	1.9	"					
	40	69430	2.2	"					
45	69434	2.4	"						

FLAT HEAD CAP SCREWS



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

DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX	DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX
M3 Pitch 0.50 2mm Key	6	87003	0.1	100	M8 Pitch 1.25 5mm Key	15	87122	1.5	100
	8	87004	0.1	"		16	87124	1.6	"
	10	87008	0.1	"		20	87128	1.9	"
	12	87012	0.1	"		25	87132	2.2	"
	15	87014	0.1	"		30	87136	2.5	"
	16	87016	0.1	"		35	87140	2.9	"
	20	87020	0.2	"		40	87144	3.2	"
	25	87021	0.3	"	45	87143	3.9	"	
					50	87145	4.4	"	
					60	87146	5.5	"	
					70	87147	6.6	"	
M4 Pitch 0.70 2.55mm Key	8	87024	0.2	100	M10 Pitch 1.50 6mm Key	15	87151	2.5	100
	10	87028	0.2	"		16	87149	2.6	"
	12	87032	0.3	"		20	87152	3.1	"
	15	87034	0.3	"		25	87156	3.6	"
	16	87036	0.3	"		30	87160	3.1	"
	20	87040	0.4	"		35	87164	4.6	"
	25	87044	0.5	"		40	87168	5.2	"
	30	87048	0.6	"		45	87172	6.4	"
	35	87049	0.7	"	50	87176	7.0	"	
	40	87050	0.9	"	60	87177	8.0	"	
M5 Pitch 0.80 3mm Key	8	87052	0.3	100	70	87178	4.6	50	
	10	87056	0.4	"	90	87175	6.0	"	
	12	87060	0.4	"	M12 Pitch 1.75 8mm Key	20	87180	4.6	100
	15	87062	0.5	"		25	87184	5.4	"
	16	87064	0.5	"		30	87188	6.2	"
	20	87068	0.7	"		35	87192	7.0	"
	25	87072	0.8	"		40	87196	7.8	"
	30	87076	0.9	"		45	87200	4.7	"
35	87077	1.3	"	50		87204	4.7	50	
40	87078	1.4	"	55		87205	5.0	"	
	50	87079	1.8	"	60	87206	6.0	"	
M6 Pitch 1.00 4mm Key	10	87084	0.6	100	70	87198	7.0	"	
	12	87088	0.7	"	90	87202	8.0	"	
	15	87090	0.8	"	M16 Pitch 2.00 10mm Key	30	87207	5.6	50
	16	87092	0.8	"		35	87208	6.4	"
	20	87096	1.0	"		40	87212	3.5	25
	25	87100	1.1	"		45	87213	4.2	"
	30	87104	1.3	"		50	87216	4.3	"
	35	87108	1.5	"		60	87220	5.0	"
	40	87112	1.7	"		70	87221	6.3	"
	45	87113	2.1	"					
50	87114	2.5	"						
60	87115	2.8	"						

METRIC



BUTTON HEAD CAP SCREWS

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

DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX	DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX	
M3 Pitch 0.50 2mm Key	6	86002	0.1	100	M6 Pitch 1.00 4mm Key	25	86035	1.2	100	
	8	86001	0.1	"		30	86037	1.6	"	
	10	86003	0.1	"		M8 Pitch 1.25 5mm Key	10	86039	1.0	100
	12	86005	0.2	"			12	86041	1.2	"
	14	86004	0.2	"			15	86042	1.5	"
16	86006	0.2	"	16	86043		1.5	"		
M4 Pitch 0.70 2.55mm Key	8	86007	0.3	100	18		86044	1.7	"	
	10	86009	0.3	"	20		86045	1.9	"	
	12	86011	0.3	"	25		86047	2.3	"	
	15	86012	0.4	"	30		86049	2.8	"	
	16	86013	0.4	"	35		86050	3.2	"	
M5 Pitch 0.80 3mm Key	10	86015	0.5	100	40		86051	3.6	"	M10 Pitch 1.50 6mm Key
	12	86017	0.5	"	15	86052	3.0	100		
	15	86018	0.6	"	16	86053	3.2	"		
	16	86019	0.6	"	20	86055	3.7	"		
	20	86021	0.8	"	25	86057	4.2	"		
	25	86023	0.9	"	30	86059	4.3	"		
M6 Pitch 1.00 4mm Key	10	86027	0.7	100	35	86060	4.7	"	M12 Pitch 1.75 8mm Key	
	12	86029	0.7	"	40	86061	5.0	"		
	15	86030	0.8	"	16	86062	4.2	100		
	16	86031	0.9	"	20	86063	2.8	"		
	18	86032	0.8	"	25	86065	3.2	"		
	20	86033	1.1	"	30	86070	3.2	50		
	22	86034	1.1	"	35	86075	3.6	"		
					40	86080	4.0	"		
					50	86085	4.8	"		

METRIC



SOCKET SET SCREWS

CUP POINT

HEAT TREATED ALLOY STEEL TO ROCKWELL C45 MIN. • ISO METRIC THREADS TO ANSI B1.13M

Precision roll threading for maintaining tight tolerances for closer thread fit and longer lasting compression endurance. Cleaner walls for easier hex key insertion. Simultaneous forging of point and socket to maximize concentricity.

DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX	DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX
M3 Pitch 0.50 1.5mm Key	3	48004	.03	100	M3 (CONT.)	5	48012	.04	100
	4	48008	.03	"		6	48016	.05	"

PLEASE ORDER BY PRODUCT CODE NUMBER

SOCKET SET SCREWS - CUP POINT

DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX	DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX
M3 (CONT.)	8	48020	.07	100	M10 Pitch 1.50 5mm Key	10	48200	0.7	100
	10	48024	.09	"		12	48204	0.9	"
	12	48028	.1	"		16	48212	1.4	"
<hr/>						20	48216	1.8	"
M4 Pitch 0.70 2mm Key	4	48032	.05	100		25	48220	2.4	"
	5	48036	.06	"		30	48224	2.9	"
	6	48040	.06	"		35	48228	3.5	"
	8	48044	.10	"		40	48232	4.1	"
	10	48048	.10	"		45	48236	4.6	"
	12	48052	.20	"		50	48240	5.0	"
	16	48060	.20	"	<hr/>				
	20	48064	.30	"	M12 Pitch 1.75 6mm Key	12	48244	1.3	100
25	48068	.40	"	16		48252	2.0	"	
<hr/>						20	48256	2.6	"
M5 Pitch 0.80 2.5mm Key	5	48072	.09	100		25	48260	3.4	"
	6	48076	.10	"		30	48264	4.2	"
	8	48080	.20	"		35	48268	5.0	"
	10	48084	.20	"	40	48272	3.0	50	
	12	48088	.30	"	45	48276	3.5	"	
	16	48096	0.4	"	50	48280	4.0	"	
	20	48100	0.5	"	<hr/>				
25	48104	0.6	"	M16 Pitch 2.00 8mm Key	16	48284	1.6	50	
<hr/>					20	48288	2.2	"	
M6 Pitch 1.00 3mm Key	6	48108	0.1		100	25	48292	2.9	"
	8	48112	0.2		"	30	48296	3.6	"
	10	48116	0.3		"	35	48300	4.4	"
	12	48120	0.4		"	40	48304	5.1	"
	16	48128	0.5		"	45	48308	5.8	"
	20	48132	0.7		"	50	48312	6.5	"
	25	48136	0.9	"	55	48316	3.6	25	
	30	48140	1.1	"	60	48320	4.0	"	
35	48144	1.4	"	<hr/>					
40	48148	1.6	"	M20 Pitch 2.50 10mm Key	20	48324	3.2	50	
<hr/>					25	48328	4.4	"	
M8 Pitch 1.25 4mm Key	8	48152	0.4		100	30	48332	5.4	"
	10	48156	0.5		"	35	48336	3.3	"
	12	48160	0.6		"	40	48340	3.8	"
	16	48168	0.9		"	50	48348	5.5	"
	20	48172	1.0	"	60	48356	6.5	"	
	25	48176	1.5	"	<hr/>				
	30	48180	1.9	"					
	35	48184	2.2	"					
40	48188	2.6	"						
45	48192	3.1	"						
50	48196	3.4	"						

METRIC



SHOULDER SCREWS

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

Engineered tough to withstand pounding of heavy plates. Triple concentricity where thread to shoulder to head exactly line up. Shoulder grinding and thread diameter rolling done by centerless grinder and after heat treat process to ensure superior concentricity.

DIAMETER	SHOULDER LENGTH	THREAD DIAMETER	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX	DIAMETER	SHOULDER LENGTH	THREAD DIAMETER	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX		
6mm	10	M5	09002	.35	25	10mm	60	M8	09027	2.9	25		
	3mm KEY	12	M5	09001	.35		"	5mm KEY	70	M8	09029	3.2	"
	16	M5	09003	.40	"		80	M8	09031	3.5	"		
	20	M5	09005	.45	"								
8mm	12	M6	09006	.70	25	12mm	16	M10	09032	1.1	25		
	4mm KEY	16	M6	09007	.80		"	6mm KEY	20	M10	09033	2.3	"
	20	M6	09009	.85	"		25	M10	09035	2.5	"		
	25	M6	09011	.95	"		30	M10	09037	2.8	"		
	30	M6	90013	1.1	"		40	M10	09039	3.3	"		
	40	M6	09015	1.3	"		50	M10	09041	3.8	"		
10mm	16	M8	09016	1.4	25	16mm	30	M12	09047	5.2	25		
	5mm KEY	20	M8	09017	1.5		"	8mm KEY	50	M12	09049	6.9	"
	25	M8	09019	1.7	"		70	M12	09051	8.7	"		
	30	M8	09021	1.8	"		90	M12	09053	4.1	10		
	40	M8	09023	2.2	"								
50	M8	09025	2.6	"									

METRIC



DOWEL PINS

BLACK LUSTRE FINISH **NEW!**

RUST RESISTANT • MEETS ASME B18.8.5

Formed ends to prevent mushrooming during assembly. Easy-Entry chamfered points to assure easy assembly. High luster black oxide finish for lubricity and corrosion resistance.

DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX	DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX
3mm	8	02001	.08	100	4mm	20	02021	.42	100
	10	02003	.11	"		25	02023	.55	"
	12	02005	.13	"		30	02025	.64	"
	16	02007	.17	"		35	02027	.77	"
	20	02009	.24	"	5mm	12	02029	.40	100
	25	02011	.29	"		16	02031	.55	"
	30	02013	.35	"		20	02033	.66	"
4mm	10	02015	.20	100		25	02035	.84	"
	12	02017	.24	"		30	02037	1.0	"
	16	02018	.33	"	35	02039	1.2	"	

PLEASE ORDER BY PRODUCT CODE NUMBER

DOWEL PINS

DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX	DIAMETER	LENGTH OVERALL	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX
5mm (CONT.)	40	02041	1.3	100	12mm	25	02107	2.0	40
	45	02043	1.5	"		30	02109	2.3	"
	50	02045	1.7	"		35	02111	2.6	"
<hr/>						40	02113	3.1	"
6mm	16	02047	.77	100		45	02116	3.5	"
	20	02049	.97	"		50	02117	3.9	"
	25	02051	1.2	"		60	02119	2.3	20
	30	02053	1.5	"		70	02121	2.7	"
	35	02055	1.7	"		80	02123	3.2	"
	40	02057	1.9	"		90	02125	3.6	"
	45	02059	2.2	"	100	02127	3.8	"	
	50	02061	2.4	"	<hr/>				
60	02063	2.9	"	16mm	30	02131	1.0	10	
<hr/>					35	02133	1.2	"	
8mm	16	02065	1.4		100	40	02135	1.4	"
	20	02067	1.7		"	45	02137	1.6	"
	25	02069	2.2		"	50	02139	1.7	"
	30	02071	2.4		"	60	02141	2.1	"
	35	02073	2.9		"	70	02143	2.4	"
	40	02075	3.3		"	80	02145	2.7	"
	45	02077	4.0	"	90	02147	3.1	"	
	50	02079	4.2	"	100	02149	3.5	"	
	60	02081	5.4	"	<hr/>				
	70	02083	6.3	"	20mm	50	02151	2.7	10
<hr/>						60	02153	3.2	"
10mm	20	02085	2.6	100		70	02155	3.7	"
	25	02087	3.3	"		80	02157	4.3	"
	30	02089	4.0	"		90	02159	4.9	"
	35	02091	4.6	"		100	02161	5.4	"
	40	02093	5.3	"		110	02163	5.9	"
	45	02095	2.4	40		120	02165	6.5	"
	50	02097	3.5	"		130	02167	7.0	"
	60	02099	3.2	"		140	02169	7.6	"
	70	02101	3.8	"	<hr/>				
	80	02103	4.4	"					
90	02105	4.8	"						

METRIC



NON-STANDARD LENGTHS - INCH

UNRC - COARSE THREAD SERIES

HEAT TREATED ALLOY STEEL • UNIFIED 3A THREAD FIT • MEETS ASME B18.3 • MEETS ASTM A574

DIAMETER	LENGTH UNDER HEAD	THREAD SERIES UNRC	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX	DIAMETER	LENGTH UNDER HEAD	THREAD SERIES UNRC	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX	
#4 (.112") 3/32" Key	1-1/4"	40	720000270	0.5	100	1/2" (CONT)	5-3/4"	13	720002551	3.5	10	
							6-1/4"	13	720002570	3.8	"	
#5 (.125") 3/32" Key	5/16"	40	720000290	0.3	100		7-1/2"	13	720002610	4.5	"	
	1"	40	720000370	0.5	"		8-1/2"	13	720002622	5.0	"	
#6 (.138") 7/64" Key	5/16"	32	720000390	0.3	100		9"	13	720002624	5.3	"	
							10"	13	720002625	5.9	"	
#8 (.164") 9/64" Key	5/16"	32	720000530	0.5	100		11"	13	720002627	6.4	"	
							12"	13	720002629	7.0	"	
#10 (.190") 5/32" Key	2-3/4"	24	720000891	2.4	100		5/8" (.625") 3/32" Key	7-1/2"	11	720002990	7.0	10
	3"	24	720000893	2.5	"			8-1/2"	11	720003002	7.9	"
1/4" (.250") 3/16" Key	4-1/2"	20	720001177	3.1	50			9"	11	720003003	8.3	"
								10"	11	720003005	9.2	"
5/16" (.312") 1/4" Key	3-3/4"	18	720001491	4.2	50	11"		11	720003006	10.0	"	
						12"		11	720003007	10.9	"	
3/8" (.375") 5/16" Key	3-3/4"	16	720001790	6.2	50	3/4" (.750") 5/8" Key		7-1/2"	10	720003350	10.4	10
								8-1/2"	10	720003352	11.6	"
1/2" (.500") 3/32" Key	4-1/4"	13	720002490	2.7	10			9"	10	720003354	12.2	"
	4-3/4"	13	720002510	3.0	"			9-1/2"	10	720003356	12.8	"
	5-1/4"	13	720002530	3.2	"			10"	10	720003363	13.5	"
								11"	10	720003364	14.7	"
							12"	10	720003365	16.0	"	
							13"	10	720003366	17.2	"	
							1" (1.000") 3/4" Key	1-1/2"	8	720003677	6.1	10
								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	"	
						11"		8	720003985	26.8	"	
						12"		8	720003986	29.0	"	
						14"		8	720003987	33.4	"	

SEMI-STANDARD

NON-STANDARD LENGTHS - INCH

UNRF - FINE THREAD SERIES

HEAT TREATED ALLOY STEEL • UNIFIED 3A THREAD FIT • MEETS ASME B18.3 • MEETS ASTM A574

DIAMETER	LENGTH UNDER HEAD	THREAD SERIES UNRF	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX	DIAMETER	LENGTH UNDER HEAD	THREAD SERIES UNRF	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX
#10 (.190") 5/32" Key	5/16"	32	730000698	0.6	100	3/4" (.750") 5/8" Key	1-1/4"	16	730003020	7.1	25
	2-3/4"	32	730000891	2.4	"		1-1/2"	16	730003040	7.6	"
5/16" (.312") 1/4" Key	3"	24	730001440	6.9	100		1-3/4"	16	730003060	8.0	"
	3-1/2"	24	730001480	3.9	50		2"	16	730003080	9.1	"
	4"	24	730001490	4.5	"		2-1/4"	16	730003100	9.9	"
3/8" (.375") 5/16" Key	4-1/2"	24	730001820	7.4	50		2-1/2"	16	730003120	10.6	"
	5-1/2"	24	730001840	9.2	"		2-3/4"	16	730003140	11.4	"
	6"	24	730001850	9.5	"		3"	16	730003160	12.3	"
7/16" (.437") 3/8" Key	2-1/2"	20	730002060	6.0	50		3-1/2"	16	730003200	13.8	"
	3"	20	730002080	3.5	25		3-3/4"	16	730003210	14.8	"
	3-1/2"	20	730002140	4.0	"		4"	16	730003220	15.4	"
1/2" (.500") 3/8" Key	3"	20	730002220	4.2	50		4-1/2"	16	730003240	17.1	"
	4"	20	730002240	4.5	"		5"	16	730003260	18.8	"
	5"	20	730002260	4.8	"		5-1/2"	16	730003280	8.0	10
							6"	16	730003300	8.7	"
							7"	16	730003340	10.0	"
						8"	16	730003360	11.2	"	

NON-STANDARD LENGTHS - METRIC

HEAT TREATED ALLOY STEEL TO GRADE 12.9

DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX	DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX
M3 Pitch 0.50 2.5mm Key	15	76026	0.2	100	M6 (CONT.)	18	76170	1.2	100
						22	76174	1.5	"
M4 Pitch 0.70 3mm Key	14	76066	0.5	100	M8 Pitch 1.25 6mm Key	14	76228	2.6	100
	15	76068	0.5	"		15	76230	2.6	"
						18	76234	2.9	"
				22		76238	3.2	"	
M5 Pitch 0.80 4mm Key	14	76114	0.7	100	M10 Pitch 1.50 8mm Key	15	76290	4.6	100
	15	76118	0.7	"		18	76294	4.9	"
	18	76122	0.7	"		22	76298	5.5	"
	22	76126	0.9	"					
M6 Pitch 1.00 5mm Key	14	76162	1.0	100	M12 Pitch 1.75 10mm Key	15	76782	6.8	100
	15	76166	1.0	"					

SEMI-STANDARD

PLEASE ORDER BY PRODUCT CODE NUMBER



ZINC WITH CLEAR CHROMATE - INCH

UNRC - COARSE THREAD SERIES

DECORATIVE FLASH PLATE • MEETS ASME B18.3 AND ASTM A574 BEFORE PLATE

DIAMETER	LENGTH UNDER HEAD	THREAD SERIES UNRC	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX	DIAMETER	LENGTH UNDER HEAD	THREAD SERIES UNRC	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX	
1/4" (.250") 3/16" Key	1/4"	20	ZP1C86526	.8	100	7/16" (.437") 3/8" Key	7/8"	14	ZP1C72192	6.0	100	
	3/8"	20	ZP1C72090	1.0	"		1"	14	ZP1C72194	6.4	"	
	1/2"	20	ZP1C72092	1.2	"		1-3/4"	14	ZP1C72200	4.6	50	
		5/8"	20	ZP1C72094	1.3	"	1/2" (.500") 3/8" Key	1/2"	13	ZP1C72218	3.7	50
		3/4"	20	ZP1C72096	1.5	"		5/8"	13	ZP1C72220	4.0	"
		7/8"	20	ZP1C72098	1.6	"		3/4"	13	ZP1C72222	4.2	"
		1"	20	ZP1C72100	1.8	"		1"	13	ZP1C72226	4.8	"
		1-1/4"	20	ZP1C72102	2.1	"		1-1/4"	13	ZP1C72228	5.3	"
		1-1/2"	20	ZP1C72104	2.5	"		1-1/2"	13	ZP1C72230	6.3	"
		1-3/4"	20	ZP1C72106	2.9	"		1-3/4"	13	ZP1C72232	6.6	"
		2"	20	ZP1C72108	3.0	"		2"	13	ZP1C72234	7.4	"
		2-1/2"	20	ZP1C72112	3.8	"		2-1/4"	13	ZP1C72236	4.0	25
		2-1/4"	20	ZP1C72110	3.4	"		2-1/2"	13	ZP1C72238	4.4	"
	3"	20	ZP1C72116	4.3	"	2-3/4"		13	ZP1C72240	4.6	"	
5/16" (.312") 1/4" Key	1/2"	18	ZP1C72120	2.0	100	3"	13	ZP1C72242	4.9	"		
	5/8"	18	ZP1C72122	2.3	"	3-1/2"	13	ZP1C72246	6.0	"		
	3/4"	18	ZP1C72124	2.5	"	4"	13	ZP1C72248	6.3	"		
	7/8"	18	ZP1C72126	2.7	"	6"	13	ZP1C72256	9.3	"		
	1"	18	ZP1C72128	2.9	"	5/8" (.625") 1/2" Key	1-1/2"	11	ZP1C72268	5.3	25	
	1-1/4"	18	ZP1C72130	3.4	"		1-3/4"	11	ZP1C72270	5.6	"	
	1-1/2"	18	ZP1C72132	3.9	"		2"	11	ZP1C72272	6.0	"	
	1-3/4"	18	ZP1C72134	4.4	"		2-1/4"	11	ZP1C72274	6.8	"	
	2"	18	ZP1C72136	4.9	"		2-1/2"	11	ZP1C72276	7.3	"	
	2-1/2"	18	ZP1C72140	5.9	"		3-1/2"	11	ZP1C72284	9.5	"	
3/8" (.375") 5/16" Key	1/2"	16	ZP1C72150	3.4	100		4-1/2"	11	ZP1C72288	9.5	"	
	3/4"	16	ZP1C72154	4.0	"		6-1/2"	11	ZP1C72296	5.9	10	
	7/8"	16	ZP1C72156	4.3	"		7"	11	ZP1C72298	6.3	"	
	1"	16	ZP1C72158	4.6	"		3/4" (.750") 5/8" Key	2"	10	ZP1C72308	9.1	25
	1-1/4"	16	ZP1C72160	5.2	"	2-1/4"		10	ZP1C72310	9.9	"	
	1-1/2"	16	ZP1C72162	6.0	"	2-1/2"		10	ZP1C72312	10.6	"	
	1-3/4"	16	ZP1C72164	3.3	50	2-3/4"		10	ZP1C72314	11.4	"	
	2"	16	ZP1C72166	3.9	"	3-1/2"		10	ZP1C72320	13.8	"	
	2-1/4"	16	ZP1C72168	4.3	"	5"		10	ZP1C72326	14.7	20	
	2-1/2"	16	ZP1C72170	4.5	"	1" (1.000") 3/4" Key		2-1/2"	8	ZP1C72372	8.1	10
	2-3/4"	16	ZP1C72172	4.9	"							
	3"	16	ZP1C72174	5.1	"							
3-1/2"	16	ZP1C72178	5.8	"								
4"	16	ZP1C72180	6.6	"								
4-1/2"	16	ZP1C72182	7.4	"								
5-1/2"	16	ZP1C86688	9.2	"								
6"	16	ZP1C72185	9.4	"								

SEMI-STANDARD

ZINC WITH CLEAR CHROMATE - INCH

UNRF - FINE THREAD SERIES

DIAMETER	LENGTH UNDER HEAD	THREAD SERIES UNRF	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX	DIAMETER	LENGTH UNDER HEAD	THREAD SERIES UNRF	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX
1/4" (.250") 3/16" Key	3/8"	28	ZP1C73054	1.0	100	3/8" (.375") 5/16" Key	5/8"	24	ZP1C73100	3.8	100
	1/2"	28	ZP1C73056	1.2	"		3/4"	24	ZP1C73102	4.0	"
	3/4"	28	ZP1C73060	1.5	"		1-1/4"	24	ZP1C73108	5.2	"
	1"	28	ZP1C73064	1.8	"		1-1/2"	24	ZP1C73110	6.0	"
	2-1/4"	28	ZP1C73074	3.4	"		2"	24	ZP1C73114	3.9	50
						3"	24	ZP1C73120	5.1	"	
5/16" (.312") 1/4" Key	1/2"	24	ZP1C73076	2.0	100	7/16" (.437") 3/8" Key	1"	20	ZP1C73122	6.4	100
	5/8"	24	ZP1C73078	2.3	"		1-1/4"	20	ZP1C73124	3.8	50
	3/4"	24	ZP1C73080	2.5	"	1/2" (.500") 3/8" Key	1"	20	ZP1C73130	4.8	50
	1-1/2"	24	ZP1C73088	3.9	"		2"	20	ZP1C73138	7.4	"
	1-3/4"	24	ZP1C73090	4.4	"		2-1/2"	20	ZP1C73142	4.4	25
	2"	24	ZP1C73092	4.9	"		2-3/4"	20	ZP1C73143	4.6	"
	2-1/4"	24	ZP1C73094	5.4	"		5/8" (.625") 3/32" Key	1-1/4"	18	ZP1C73148	4.8
2-1/2"	24	ZP1C73096	5.9	"							

ZINC WITH CLEAR CHROMATE - METRIC

HEAT TREATED ALLOY STEEL • ISO METRIC THREADS • GRADE 12.9 • DECORATIVE FLASH ZINC PLATE AND CLEAR CHROMATE • SPECIFICATIONS/DIMENSIONS ISO 4762 • MECHANICAL PROPERTIES: ISO 898.1

DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX	DIAMETER	LENGTH UNDER HEAD	PRODUCT CODE NUMBER	APPROX. WEIGHT LBS./BOX	QTY. IN BOX
M6 Pitch 1.00 5mm Key	10	ZP1C76156	2.0	100	M10 Pitch 1.50 8mm Key	16	ZP1C76292	9.2	100
	12	ZP1C76160	2.0	"		20	ZP1C76296	10.0	"
	16	ZP1C76168	2.0	"		25	ZP1C76300	5.7	"
	20	ZP1C76172	2.8	"		30	ZP1C76304	6.1	"
	25	ZP1C76176	3.2	"		35	ZP1C76308	6.8	"
	30	ZP1C76180	3.8	"		40	ZP1C76312	7.5	"
	35	ZP1C76184	4.0	"	50	ZP1C76320	8.8	"	
	40	ZP1C76188	4.8	"	M12 Pitch 1.75 10mm Key	20	ZP1C76356	7.0	100
	45	ZP1C76192	5.2	"		25	ZP1C76360	7.8	"
	50	ZP1C76196	5.8	"		30	ZP1C76364	8.6	"
	55	ZP1C76200	6.0	"		35	ZP1C76368	9.4	"
	60	ZP1C76204	6.0	"		40	ZP1C76372	5.2	50
				45		ZP1C76376	5.7	"	
				50		ZP1C76380	6.1	"	
M8 Pitch 1.25 6mm Key	12	ZP1C76224	4.8	100	55	ZP1C76384	6.6	"	
	16	ZP1C76232	5.2	"	60	ZP1C76388	7.1	"	
	20	ZP1C76236	5.8	"	65	ZP1C76392	7.6	"	
	25	ZP1C76240	6.6	"	70	ZP1C76396	8.1	"	
	30	ZP1C76244	7.4	"	M16 Pitch 2.00 14mm Key	35	ZP1C76428	4.8	25
	35	ZP1C76248	8.0	"		40	ZP1C76432	5.0	"
	40	ZP1C76252	9.2	"		45	ZP1C76436	5.3	"
	45	ZP1C76256	10.0	"		80	ZP1C76464	8.5	"
	50	ZP1C76260	11.0	"		110	ZP1C76476	4.4	10
	55	ZP1C76264	11.8	"					
60	ZP1C76268	12.0	"						

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