

# Socket Head Cap Screws

Vis à tête à six pans creux



Inch and Metric  
Pouce et Métrique

## Steel Alloy, Plain Black Thermal Oxide Full & Partial Thread

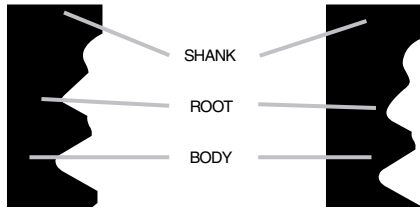
### PROFILE OF EXTRA STRENGTH

Deep, accurate socket for high torque wrenching. Knurls for easier handling. Marked for easier identification.



Head with increased bearing area for greater loading carrying capacity. Precision forged for symmetrical grain flow, maximum strength.

Elliptical fillet doubles fatigue life at critical head-shank juncture. "3-R" (radiused-root runout) increases fatigue life in this critical head-shank juncture.



CONVENTIONAL THREAD RUNOUT – Note sharp angle at root where high stress concentration soon develops crack which penetrates into body of the screw.

UNBRAKO "3-R" (RADIUSED ROOT RUNOUT) THREAD – Controlled radius of runout root provides a smooth form that distributes stress and increases fatigue life of thread run-out as a much as 300% in certain sizes.

Fully formed radiused thread increases fatigue life 100% over flat root thread forms. Controlled heat treatment produces maximum strength without brittleness.

### UNC - FULL THREAD

SPAENAUR No.	MFG No.	THREAD SIZE	LENGTH	PKG QTY.
363-A27-1X	105509	2-56	1/4	100
363-A28-1A	107783	4-40	1/4	100
363-A29-1P	107799	4-40	3/8	100
363-A30-1A	107881	5-40	3/8	100
363-A31-1P	113440	6-32	3/8	100
363-A32-1Y	118904	8-32	1/2	100
363-A33-1C	118872	8-32	1/4	100
363-A35-1T	118888	8-32	3/8	100
363-A36-1K	112557	10-24	1	100
363-A38-1M	112524	10-24	3/4	50
363-A40-1M	112508	10-24	5/8	100
363-A48-1K	107950	1/2-13	1-1/2	50
363-A49-1W	102703	1/2-13	1-1/4	50
363-A50-1K	108016	1/2-13	1-3/4	50
363-A51-1W	102464	1/2-13	2	50
363-A52-1M	105256	1/4-20	1	100
363-A54-1A	105272	1/4-20	1-1/4	100
363-A58-1N	105248	1/4-20	1/2	100
363-A62-1K	108954	1/4-20	3/4	100
363-A63-1W	108937	1/4-20	5/8	100
363-A64-1M	108969	1/4-20	7/8	100
363-A70-1Y	110048	3/8-16	1	100
363-A71-1C	115710	3/8-16	1-1/2	100
363-A72-1N	110065	3/8-16	1-1/4	100
363-A75-1W	110015	3/8-16	3/4	50
363-A77-1X	104071	5/16-18	1	100
363-A78-1A	104104	5/16-18	1-1/2	100
363-A79-1P	104088	5/16-18	1-1/4	100
363-A83-1C	118436	5/16-18	3/4	100
366-W56-1X	106365	M5	0.8x10	200
366-W64-1T	103516	M6	1x30	200

### UNC - PARTIAL THREAD

SPAENAUR No.	MFG No.	THREAD SIZE	LENGTH	PKG QTY.
363-A53-1X	105288	1/4-20	1-1/2	100
363-A55-1P	105304	1/4-20	1-3/4	100
363-A59-1T	105320	1/4-20	2	100
363-A80-1A	104121	5/16-18	1-3/4	100
363-A81-1P	104137	5/16-18	2	100
363-A73-1T	115727	3/8-16	1-3/4	50
363-A74-1K	115743	3/8-16	2	50
363-A84-1N	116673	5/8-11	3	25
363-A85-1T	116737	5/8-11	3-1/2	25
366-W52-1T	122097	M3	0.5x8	200
366-W53-1K	113839	M4	0.7x10	200
366-W54-1W	121077	M4	0.7x12	200
366-W55-1M	103014	M4	0.7x12	200
366-W57-1A	103024	M5	0.8x16	200
366-W58-1P	113970	M5	0.8x20	200
366-W59-1Y	122111	M6	1x10	200
366-W60-1P	120872	M6	1x12	200
366-W61-1Y	103044	M6	1x16	200
366-W62-1C	119790	M6	1x20	200
366-W63-1N	119937	M6	1x25	50
366-W65-1K	112624	M6	1x50	200
366-W66-1W	103058	M8	1.25x16	200
366-W67-1M	122086	M8	1.25x20	200
366-W68-1X	119351	M8	1.25x25	200
366-W69-1A	119383	M8	1.25x30	200
366-W70-1X	122113	M8	1.25x35	200
366-W46-1P	115060	M10	1.5x25	200
366-W47-1Y	122114	M10	1.5x30	200
366-W48-1C	100845	M10	1.5x40	100
366-W49-1N	122250	M12	1.75x25	100
366-W50-1C	125530	M12	1.75x35	100
366-W51-1N	114996	M12	1.75x40	50

### UNF - FULL THREAD

SPAENAUR No.	MFG No.	THREAD SIZE	LENGTH	PKG QTY.
363-A41-1X	117814	10-32	1	100
363-A42-1A	117749	10-32	1/2	100
363-A44-1Y	117781	10-32	3/4	100
363-A45-1C	117733	10-32	3/8	100
363-A46-1N	117765	10-32	5/8	100
363-A47-1T	117798	10-32	7/8	100
363-A65-1X	111503	1/4-28	1	100
363-A66-1A	117913	1/4-28	1/2	100
363-A68-1Y	111471	1/4-28	3/4	100
363-A69-1C	111487	1/4-28	7/8	100
363-A76-1M	110950	3/8-24	1-1/4	100

### UNC - FULL THREAD

SPAENAUR No.	MFG No.	THREAD SIZE	LENGTH	PKG QTY.
363-A34-1N	106645	8-32	3/8	100
363-A37-1W	102058	10-24	1/2	100
363-A39-1X	102042	10-24	3/8	100
363-A56-1Y	110416	1/4-20	1/2	100
363-A57-1C	105289	1/4-20	1/2	100
363-A60-1N	105352	1/4-20	3/4	100
363-A61-1T	118658	1/4-20	1	100
363-A82-1Y	119517	5/16-18	3/4	100

### UNF - FULL THREAD

SPAENAUR No.	MFG No.	THREAD SIZE	LENGTH	PKG QTY.
363-A43-1P	111889	10-32	1/2	100
363-A67-1P	104322	1/4-28	3/4	100