

Socket Head Cap Screws

Vis à tête à six pans creux



Inch

Pouce

ALLOY STEEL

Not Plated

1960 Series

Quenched and tempered to hardness Rockwell C39-45 at the surface to #10 dia. incl.; C37-45 over #10 dia.

Threads Class 3A up to 1" dia.;

Class 2A over 1" dia.



For Hex Keys see Section 'P'.

Thread Length Chart

Screw Dia.	Thread Lengths		Screw Dia.	Thread Lengths	
	Min.	Max.		Min.	Max.
#2	0.62	0.80	7/16"	1.38	2.17
#3	0.62	0.83	1/2"	1.50	2.38
#4	0.75	0.99	5/8"	1.75	2.82
#5	0.75	1.00	3/4"	2.00	3.25
#6	0.75	1.05	7/8"	2.25	3.69
#8	0.88	1.19	1"	2.50	4.12
#10	0.88	1.27	1-1/8"	2.82	4.65
1/4"	1.00	1.50	1-1/4"	3.12	5.09
5/16"	1.12	1.71	1-3/8"	3.44	5.65
3/8"	1.25	1.94	1-1/2"	3.75	6.08

ASME B18.3

COARSE THREAD (U.N.C.) (U.S.S.)

DIA.	1	2	3	4	5	6	8	10	12	1/4"
THD.	64	56	48	40	40	32	32	24	24	20
LGTH.	ORDER BY SPAENAUR NUMBER LISTED BELOW									
3/16	363-465	HX-55	HX-59	363-323						
1/4	363-454	HX-56	HX-60	HX-63	HX-66	HX-71	HX-6	363-473		363-398
5/16		363-326								
3/8		HX-57	HX-61	HX-64	HX-67	HX-3	HX-7	HX-32		HX-81
1/2		HX-58	HX-62	HX-1	HX-68	363-A14-1M	HX-8	HX-11		HX-82
5/8		363-383		HX-65	HX-69	HX-72	HX-73	HX-74		HX-83
3/4				HX-2	HX-70	HX-5	HX-9	HX-12		363-A22-1N
7/8				363-399	363-497	363-A02-1M	HX-194	HX-196		HX-46
1		363-432					HX-10	HX-13		HX-16
1-1/4							HX-197	HX-41	363-444	HX-17
1-1/2							HX-45	HX-42		HX-18
1-3/4								HX-43		HX-18A
2						363-400	363-390	HX-44		HX-84
2-1/4										363-A03-1X
2-1/2								363-395		HX-85
2-3/4										HX-302
3								363-321		HX-86
3-1/4										363-452
3-1/2								363-A19-1C		363-462
3-3/4										363-472
4								363-404		363-484
4-1/2								363-412		363-389
6								363-529		363-439
8										363-531

Contact Sales Desk For Package Quantities

Continues on Next Page

For Hex Socket Cap Screws, Alloy Steel, FINE THREAD
See Pages B198 and B199.

For Holo-Krome® Hex Socket Cap Screws, Zinc Plated
Alloy Steel, see pages B182 and B184.



Page A52

ASSORTMENT **805-454A**

HEX SOCKET CAP SCREWS

Alloy Steel, Not Plated

22 SIZES - 600 PIECES

Inch Sizes

Coarse Thread - 1960 Series
10-24 to 1/2"-13 (Includes Hex Keys)

Grey Enamelled Drawer 13-3/8" x 9-1/4" x 2"
fits the Slide Racks shown on page A2.

Shipping Wt: **8.9 kg** (19.75 lbs.)

CATALOG 14

SPAENAUR

Inch

Pouce



Socket Head Cap Screws

Vis à tête à six pans creux

ALLOY STEEL

Not Plated

ASME B18.3

Hex Socket Head Cap Screws can be used with SHEAR-LOC® knobs to quickly assemble your particular requirements of Thumb Screws. (See pages B284 and B285.)

B

COARSE THREAD (U.N.C.) (U.S.S.)

Continued from previous page.

DIA.	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"	1"	1-1/8"	1-1/4"
THD.	18	16	14	13	11	10	9	8	7	7
LGTH.	ORDER BY SPAENAUR NUMBER LISTED BELOW									
3/8	HX-303									
1/2	HX-93	HX-110								
5/8	HX-94	HX-111								
3/4	HX-19	HX-30	HX-249	HX-126						
7/8	HX-95	HX-306								
1	HX-20	HX-22	HX-276	HX-127	363-A16-1A					
1-1/4	HX-34	363-A01-1W	HX-248	363-A15-1X	HX-140	HX-155				
1-1/2	HX-21	HX-23	HX-277	HX-25	363-A08-1N	HX-156				
1-3/4	HX-96	HX-113	HX-278	HX-129	HX-142	HX-157				
2	HX-97	HX-24	HX-279	HX-26	HX-143	HX-158	HX-170	HX-182		
2-1/4	HX-98	HX-114		HX-130	HX-144	HX-159	HX-171	HX-183		
2-1/2	HX-99	HX-39		HX-27	HX-145	HX-160	HX-172	HX-184		
2-3/4	HX-304	HX-115		HX-131	HX-146	HX-161	HX-173	HX-185		
3	HX-100	HX-37		HX-132	363-A07-1C	HX-162	HX-174	HX-186		
3-1/4	HX-305	HX-116			HX-148	363-A20-1Y	HX-175	363-A10-1N		
3-1/2	HX-101	HX-38		HX-133	HX-149	HX-164	HX-176	HX-188		363-520
4	363-458	HX-117	363-420	HX-134	HX-150	HX-165	HX-177	HX-189		363-356
4-1/2	363-459	HX-307		HX-135	HX-151	HX-166	HX-178	HX-190		
5	363-418	HX-308		HX-136	HX-152	HX-167	HX-179	HX-191		363-457
5-1/2	363-518			HX-137	HX-153	HX-168	HX-180	HX-192		
6		363-507		HX-138	HX-154	HX-169	HX-181	HX-193		363-387
6-1/2	363-519			363-393	363-488	363-363				
7				363-494	363-489		363-A21-1C	363-471		
8					363-388	363-437	363-500	363-485		363-401
9				363-325		363-431			363-512	
9-1/2								363-515		
10				363-511		363-501		363-526		
12						363-419				

DIA.	1-3/8"	1-1/2"
THD.	6	6
LGTH.		
3-1/2		363-367
5		363-434
6	363-509	363-521
7		363-435
	PKG QTY. 1	

Contact Sales Desk For Package Quantities

**For Hex Socket Cap Screws, Alloy Steel, FLAT HEAD
See Pages B200**

**For Holo-Krome® Hex Socket Cap Screws,
Zinc Plated Alloy Steel, see pages B182 and B184.**

CATALOG 14 SPAENAUR

Socket Head Cap Screws

Vis à tête à six pans creux



Inch

Pouce

B



ALLOY STEEL

Not Plated

1960 Series

Quenched and tempered to hardness Rockwell C39-45 at the surface to #10 dia. incl.; C37-45 over #10 dia.

Threads Class 3A up to 1" dia.;

Class 2A over 1" dia.

For Hex Keys see Section 'P'.

Thread Length Chart

Screw Dia.	Thread Lengths	
	Min.	Max.
#2	0.62	0.80
#3	0.62	0.83
#4	0.75	0.99
#5	0.75	1.00
#6	0.75	1.05
#8	0.88	1.19
#10	0.88	1.27
1/4"	1.00	1.50
5/16"	1.12	1.71
3/8"	1.25	1.94

Screw Dia.	Thread Lengths	
	Min.	Max.
7/16"	1.38	2.17
1/2"	1.50	2.38
5/8"	1.75	2.82
3/4"	2.00	3.25
7/8"	2.25	3.69
1"	2.50	4.12
1-1/8"	2.82	4.65
1-1/4"	3.12	5.09
1-3/8"	3.44	5.65
1-1/2"	3.75	6.08

ASME B18.3

FINE THREAD (U.N.F.) (S.A.E.)

DIA.	0	1	4	6	8	10	1/4"	5/16"	3/8"
THD.	80	72	48	40	36	32	28	24	24
LGTH.	ORDER BY SPAENAUR NUMBER LISTED BELOW								
	1/8	HX-47	HX-51						
3/16	HX-48	HX-52							
1/4	HX-49	HX-53				363-503	363-376		
3/8	HX-50	HX-54				363-403	HX-75	363-487	363-410
1/2		363-522	363-505			363-498	HX-76	HX-87	363-396
5/8					HX-288		HX-77	HX-88	HX-102
3/4					363-464	HX-321	HX-78	HX-89	HX-103
7/8							HX-79	HX-90	HX-104
1							HX-14	HX-28	HX-105
1-1/4							HX-80	HX-29	HX-106
1-1/2							HX-31	HX-91	HX-107
1-3/4							HX-199	HX-35	HX-108
2							HX-318	HX-92	HX-109
2-1/4								HX-329	HX-295
2-1/2							363-433	363-427	363-482
3								363-486	
3-1/2									HX-314
4									363-460
5									363-430
									363-492

Contact Sales Desk For Package Quantities

Continues on Next Page

**For Hex Socket Cap Screws, Alloy Steel, COARSE THREAD
See Pages B196 and B197.**

**For Holo-Krome® Hex Socket Cap Screws, Zinc Plated
Alloy Steel, see pages B182 and B184.**

Inch

Pouce



Socket Head Cap Screws

Vis à tête à six pans creux



ALLOY STEEL

Not Plated

1960 Series

ASME B18.3

Hex Socket Head Cap Screws can be used with SHEAR-LOC® knobs to quickly assemble your particular requirements of Thumb Screws. (See pages B284 and B285.)

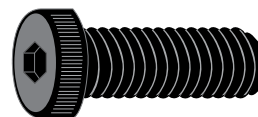
B

FINE THREAD (U.N.F.) (S.A.E.)

Continued from previous page.

DIA.	7/16"	1/2"	9/16"	5/8"	3/4"	7/8"	1"	1-1/4"	1-1/2"
THD.	20	20	18	18	16	14	14	12	12
LGTH.	ORDER BY SPAENAUR NUMBER LISTED BELOW								
	1	HX-280	HX-324						
1-1/4	HX-281	363-297							
1-1/2	HX-282	363-357							
1-3/4		HX-325		363-402	363-475				
2	HX-283	HX-336	363-426		363-455				
2-1/2	363-413	HX-316							
2-3/4		363-450							
3	363-411	HX-326		363-384	363-451				
3-1/4		363-495							
3-1/2							363-453		
4				363-425		363-483			363-A09-1T
4-1/2							363-525		
5					363-476			363-514	
6					363-477				
6-1/2					363-A18-1Y				
7					363-479				363-443
7-1/2					363-480				
8					363-481				

HEX SOCKET CAP SCREWS LOW HEAD



ALLOY STEEL

Not Plated

Thread Class Fit 3A

Hardness RC 38-43

ASME B18.3

INCH Sizes

Head Dia.	.270/.265"	.312/.307"	.312/.307"	.375/.369"	.437/.431"	.562/.556"	.750/.743"
Head Height	.082/.079"	.095/.092"	.095/.092"	.125/.121"	.156/.152"	.187/.182"	.250/.244"
SCREW DIA.	8	10	10	1/4"	5/16"	3/8"	1/2"
Threads	32 UNC	24 UNC	32 UNF	20 UNC	18 UNC	16 UNC	13 UNC
Hex Size A/F	5/64"	3/32"	3/32"	1/8"	5/32"	3/16"	1/4"
Length	ORDER BY SPAENAUR NUMBERS LISTED BELOW						
	3/8"	363-001	363-006	363-011	363-016		
1/2"	363-002	363-007	363-012	363-017	363-022	363-028	
5/8"	363-003	363-008	363-013		363-023	363-029	
3/4"	363-004	363-009	363-014	363-019	363-024	363-030	363-034
1"	363-005	363-010	363-015	363-020	363-025	363-031	363-035
1-1/4"				363-021	363-026	363-032	363-036
1-1/2"					363-027	363-033	363-A25-1W

Contact Sales Desk For Package Quantities

CATALOG 14

SPAENAUR

Socket Head Cap Screws

Vis à tête à six pans creux



Inch

Pouce

B

ALLOY STEEL
Not Plated
FLAT HEAD
82° Head Angle.



**FOR HIGH-STRENGTH,
FLUSH-SURFACE
FASTENING
WITH MAXIMUM
HEAD CONTACT.**

FINE (UNF) AND COARSE (UNC) THREADS

DIA.	2	4	5	6	8	10	10	1/4"	1/4"
THD.	56 UNC	40 UNC	40 UNC	32 UNC	32 UNC	24 UNC	32 UNF	20 UNC	28 UNF
LGTH.	ORDER BY SPAENAUR NUMBERS LISTED BELOW								
3/16 1/4 5/16	363-358 363-362	363-422 HX-200 363-324	HX-338	HX-203	363-313	363-315	363-314		
3/8 1/2 5/8	363-382 363-370	HX-201 HX-202	HX-343 363-309 HX-339	363-A06-1Y HX-205 HX-206	HX-337 HX-208 HX-209	HX-211	HX-215 HX-216 HX-217	HX-220 HX-221 HX-222	363-344 HX-319
3/4 1 1-1/4		HX-341 363-445	363-310 363-311	HX-207 363-312	HX-210 HX-313 363-414	HX-212 HX-213 HX-214	HX-218 363-A13-1W 363-351	HX-223 HX-224 HX-225	HX-320
1-1/2 1-3/4 2						363-392 363-470	363-397	HX-226 HX-227 HX-228	363-508 363-532
2-1/2 3							363-463	363-523 363-524	

Contact Sales Desk For Package Quantities

ASME B18.3

Quenched and tempered to hardness Rockwell C36-45 at the surface for sizes up to and including 1-1/2" dia.

Threads Class 3A.

THREAD LENGTHS CHART

Screw Dia.	Min.	Max.
#2	0.62	0.80
#3	0.62	0.83
#4	0.75	0.99
#5	0.75	1.00
#6	0.75	1.05
#8	0.88	1.19
#10	0.88	1.27
1/4"	1.00	1.50
5/16"	1.12	1.71
3/8"	1.25	1.94
7/16"	1.38	2.17
1/2"	1.50	2.38
5/8"	1.75	2.82
3/4"	2.00	3.25
7/8"	2.25	3.69
1"	2.50	4.12
1-1/8"	2.82	4.65
1-1/4"	3.12	5.09
1-3/8"	3.44	5.65
1-1/2"	3.75	6.08

DIA.	5/16"	5/16"	3/8"	3/8"	7/16"	1/2"	1/2"	5/8"	5/8"	3/4"
THD.	18 UNC	24 UNF	16 UNC	24 UNF	14 UNC	13 UNC	20 UNF	11 UNC	18 UNF	10 UNC
3/8 1/2 5/8	363-A17-1P HX-229 HX-230	HX-290	363-320							
3/4 1 1-1/4	HX-231 HX-232 HX-233	HX-291 HX-292 HX-293	HX-235 HX-236 HX-237	363-380 HX-327	363-299	HX-241 HX-242	363-394 HX-342 363-296	363-506 363-352		363-354
1-1/2 1-3/4 2	HX-234		HX-238 HX-239 HX-240	HX-284		HX-243 363-416 HX-244	363-440 363-447 HX-335	HX-322 363-361 363-353	363-319	363-360 363-375
2-1/4 2-1/2 2-3/4	363-341 363-415 363-528		363-348		363-343	363-355 HX-245	363-504	363-371 363-372 363-316		363-456
3 3-1/4 3-1/2			363-516 363-474			HX-246 363-536 363-491		363-A11-1T		363-405
4 5 5-1/2			363-510 363-517			363-490		363-447		363-467
6 6-1/2 7						363-318		363-448		363-468 363-496
8										363-530

Larger Diameters — 363-513 1"-8 UNC x 3" Long PKG QTY. 10

CATALOG 14

SPAENAUR

Inch

Pouce



Socket Head Cap Screws

Vis à tête à six pans creux

FINE (UNF) AND COARSE (UNC) THREADS									
DIA.	2	4	5	6	8	10	10	1/4"	1/4"
THD.	56 UNC	40 UNC	40 UNC	32 UNC	32 UNC	24 UNC	32 UNF	20 UNC	28 UNF
LGTH.	ORDER BY SPAENAUR NUMBERS LISTED BELOW								
3/16	363-359								
1/4	363-342	HX-250		HX-253	HX-287	363-327	363-A04-1A	363-408	
5/16								363-317	
3/8		HX-251		HX-254	HX-256	HX-294	HX-261	HX-265	363-369
1/2	363-373	HX-252	363-302	HX-255	HX-257	HX-258	HX-262	HX-266	363-438
5/8			363-502	363-345	363-436	363-446	HX-296	HX-267	
3/4		363-300	363-303	363-441	363-366	HX-259	HX-263	HX-268	363-A05-1P
7/8						363-424			
1		363-301	363-304	363-407	363-368	HX-260	HX-264	HX-269	363-378
1-1/4					363-305	363-461	363-307	363-449	
1-1/2					363-306		363-308		

**ALLOY
STEEL**

Not Plated

BUTTON HEAD



B

DIA.	5/16"	5/16"	3/8"	3/8"	1/2"	1/2"
THD.	18 UNC	24 UNF	16 UNC	24 UNF	13 UNC	20 UNF
3/8	363-346	363-377				
1/2	HX-270		363-385			
5/8			363-347			
3/4	HX-271	HX-317	HX-273	HX-315		
1	HX-272	363-349	HX-274	363-409	HX-299	363-469
1-1/4	363-442		HX-275	HX-328	HX-309	
1-1/2	363-A24-1K		363-374		363-429	
1-3/4	363-423					
2	363-364		363-365		363-406	
3					363-428	

**FOR SECURELY AND NEATLY
FASTENING ALL THIN METAL PARTS.**

ASME B18.3.

Quenched and tempered to hardness Rockwell B70 at the surface to 1/2" dia. incl.; C36-43 over 1/2" dia.

Threads Class 3A.

Thread Lengths

The minimum thread length is twice screw diameter, plus 0.50", or up to within 2 threads of the head, at the option of the manufacturer.

Contact Sales Desk For Package Quantities

**Hex Socket
Cap Screws**

**BUTTON
HEAD**

**STAINLESS
STEEL 18-8**

Head/Body & Socket
Dimensions to
ANSI/ASME B 18.3

Thread Class 2A or 3A Fit - Our Option.

DIA.	4	5	6	8	10	10	1/4"	5/16"	3/8"	1/2"
THD.	40 UNC	40 UNC	32 UNC	32 UNC	24 UNC	32 UNF	20 UNC	18 UNC	16 UNC	13 UNC
LGTH.	ORDER BY SPAENAUR NUMBERS LISTED BELOW									
1/4	370-400		370-C49-1K	370-404		370-C20-1P				
3/8	370-401		370-C56-1P	370-C54-1X	370-407	370-D14-1Y	370-C61-1N			
1/2	370-C27-1M	370-440	370-C58-1C	370-C90-1W	370-C70-1P	370-C31-1A	370-C46-1C		370-D05-1T	
5/8	370-427					370-C43-1A	370-D13-1P			
3/4				370-424	370-409	370-C83-1Y	370-C65-1M	370-C19-1Y	370-C57-1Y	
1				370-C42-1X	370-C69-1Y	370-C62-1T	370-C38-1W	370-C88-1W	370-C77-1M	370-D09-1X
1-1/4							370-C24-1T		370-C37-1K	370-441
1-1/2				370-434	370-435		370-C18-1P	370-C93-1A	370-C92-1X	
2							370-C28-1X			



Fully threaded

Contact Sales Desk For Package Quantities

CATALOG 14 SPAENAUR

Socket Head Cap Screws

Vis à tête à six pans creux



Inch

Pouce

Hex Socket Cap Screws 18-8 STAINLESS STEEL

For Thread Length Chart, see page B198.

Head/Body & Socket Dimensions to ANSI/ASME B 18.3

Min. tensile strength (up to 5/8" dia.) 80,000 psi.
1960 Series. Threads Class 2A or 3A Fit - our option.
Rockwell Hardness Min. B70



FINE (UNF) AND COARSE (UNC) THREADS

Diameter	0	1	2	3	4	5	6	6	8	8	10
Thread	80 UNF	72 UNF	56 UNC	48 UNC	40 UNC	40 UNC	32 UNC	40 UNF	32 UNC	36 UNF	24 UNC
Length	ORDER BY SPAENAUR NUMBERS LISTED BELOW										
1/8						370-C29-1A					
3/16	370-C07-1Y		370-082			370-C73-1N					
1/4	370-443	370-444	370-C36-1T	370-003		HX-2002	370-087	370-D02-1Y			
3/8	370-442		370-C16-1X			370-C03-2M	370-052	370-C06-1P		HX-2009	370-D04-1N
1/2			370-D15-1C			370-C89-1M		370-D03-1C	370-398	370-C23-1N	370-C08-1C
5/8						370-085		370-C64-1W	370-399	370-C40-1W	370-C78-1X
3/4						370-C17-1A		370-C95-1Y		370-C84-1C	
7/8"								370-457			HX-2001
1						370-083		370-072		370-C50-1T	HX-2015
1-1/4								370-C55-1A		370-C72-1C	370-C41-1M
1-3/8											370-080
1-1/2								370-C79-1A		370-C96-1C	370-051
1-3/4								370-075		370-C68-1P	
2								370-076		370-D07-1W	370-071
2-1/4										370-101	
2-1/2								370-077			
3								370-078			

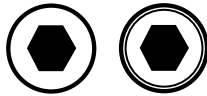
Diameter	10	1/4"	1/4"	5/16"	5/16"	3/8"	3/8"	7/16"	1/2"	5/8"
Thread	32 UNF	20 UNC	28 UNF	18 UNC	24 UNF	16 UNC	24 UNF	14 UNC	13 UNC	11 UNC
Length	ORDER BY SPAENAUR NUMBERS LISTED BELOW									
1/4	370-067									
5/16			370-097							PKG QTY. 25
3/8	370-C11-2N	370-D18-1K								
1/2	370-C04-2Y	HX-2023	370-D16-1N	370-060						
5/8	370-053	HX-2044		370-091	370-438	370-086				
3/4	370-C47-1N	370-C32-1P	370-C67-1A	370-C66-1X		370-D19-1W	370-103		370-055	
7/8		370-042		370-C87-1K		370-002				
1	HX-2020	370-D11-1X	370-057	HX-2000	370-073	370-C15-1M	370-104		HX-2043	
1-1/4	HX-2021	370-C12-2T	370-445	HX-2031	370-C60-1C	*HX-2038			370-C98-1T	
1-1/2	370-058	HX-2027	370-098	370-C71-1Y		370-C63-1K	370-059		370-C13-2K	370-105
1-3/4	370-062	370-048		HX-2033		HX-2040			370-045	
2		370-C80-1X		HX-2034		370-C02-2W	370-079	370-D06-1K	370-C99-1K	370-095
2-1/4					370-099					
2-1/2		370-064		HX-2035		370-C91-1M			370-093	
2-3/4									370-005	
3		370-D17-1T	370-450					370-090		
4									370-094	370-447
5									370-100 (PKG QTY. 10)	

■ 316 Stainless Steel (PKG QTY. 10)

*370-449 316 Stainless Steel

Inch

Pouce



Socket Head Cap Screws

Vis à tête à six pans creux

STAINLESS STEEL 18-8

FLAT HEAD

82° Head Angle

Threads Class 2A or 3A Fit - our option.



Coarse and Fine Thread

Head/Body & Socket Dimensions to ANSI/ASME B 18.3

For Thread Length see Chart on B200.

Order by **SPAENAUR No.** Listed Below

DIA.	2	4	5	6	8	10	10
THD.	56 UNC	40 UNC	40 UNC	32 UNC	32 UNC	24 UNC	32 UNF
3/16 Lgth.		370-354					
1/4	370-332	370-335	370-397	370-301	370-C30-1X		370-C85-1N
3/8		370-C76-1W		370-C26-1W	370-304		370-C44-1P
1/2		370-D12-1A		370-C94-1P	370-C39-1M	370-C14-2W	370-C51-1K
5/8				370-437	370-306	370-C45-1Y	370-311
3/4				370-C10-2C	370-307	370-309	370-312
7/8							370-046
1				370-351		370-C81-1A	370-C01-2K
1-1/2							370-C82-1P

DIA.	1/4"	1/4"	5/16"	5/16"	3/8"	1/2"
THD.	20 UNC	28 UNF	18 UNC	24 UNF	16 UNC	13 UNC
3/8 Lgth.		370-D01-1P				
1/2	370-C35-1N	370-341	370-C09-1N			
5/8	370-C52-1W	370-342	370-C75-1K			
3/4	370-C05-2A		370-D10-1M		370-319	370-349
7/8	370-C48-1T					
1	370-C22-1C	370-334	370-C86-1T	370-338	370-D08-1M	370-324
1-1/4			370-C53-1M		370-C74-1T	370-325
1-1/2	370-C25-1K	370-333	370-344		370-322	370-326
1-3/4			370-345			
2	370-C33-1Y		370-343		370-323	370-355
2-1/2			370-347			
3						370-C97-1N

Contact Sales Desk For Package Quantities

Hex Socket Cap Screws

ALLOY STEEL

Not Plated

BRASS AND NYLON TIPPED



LOCK: Collars / Pulleys / Bearings / Cams...to Shafts

PROTECT: Finished surfaces and threads

PKG QTY. 10

Order by **SPAENAUR No.** Listed Below

Thread	10-32 UNF		1/4"-20 UNC		5/16"-18 UNC	
Tip Material	BRASS	NYLON	BRASS	NYLON	BRASS	NYLON
Length 1/2"	359-167	359-176	359-170	359-179	359-173	359-182
3/4"	359-168	359-177	359-171	359-180	359-174	359-183
1"	359-169	359-178	359-172	359-181	359-175	359-184

CATALOG 14

SPAENAUR

Socket Head Cap Screws

Vis à tête à six pans creux



Inch
Pouce

B

**ALLOY
STEEL**

Not Plated

MATERIAL: Alloy Steel Heat Treated HRC 39-45.

Screw Spec. to ASME B18.3 / ASTM A574

Class 3A Thread Fit Standard

with
PELLETIZED

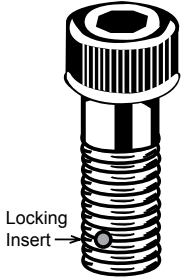
**NYLON
LOCKING
INSERT**

For pellet location (N) - See data below.

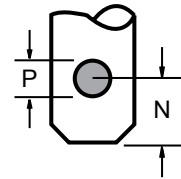
SELF-LOCKING threaded parts with nylon pellet or strip are self-locking; nylon is resilient, reusable; causes positive locking action (plus metal-to-metal engagement of the mating threads). Nylon inserts act as a wedge, creating a counter-thrust when deformed. Plastic memory strives to regain original shape, causing positive locking.

ADJUSTABLE threaded parts with nylon pellet or strip are fully adjustable, vibration-proof, and easy to use for accurate minimal adjustments (regardless of whether fastener is seated or not). Screws cannot back off or loosen, due to the plastic memory of nylon, which causes a counter-thrust on the mating threads.

Nylon 6/6 is unaffected by commercial solvents, alcohols, gasoline, oil, or water. It retains its high strength and low absorption at **-57°C (-70°F)**; withstands continuous heat up to **121°C (250°F)**; is an ideal pressure seat.



Locking
Insert →



The Pellet Material is:

TYPE 6/6 NYLON

(N) Pellet Location:

Tolerance: ±1/2 of Thread Pitch

Thread Size	#4	#5	#6	#8	#10	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"
P - Pellet Diameter	.062"	.062"	.078"	.093"	.093"	.109"	.125"	.141"	.156"	.156"	.188"	.219"
N - Pellet Location	7/64"	7/64"	1/8"	1/8"	5/32"	3/16"	13/64"	7/32"	15/64"	1/4"	5/16"	23/64"

COARSE THREAD ORDER BY SPAENAUR NUMBERS LISTED BELOW

Length	4-40	5-40	6-32	8-32
1/4	359-001	359-006	359-007	359-014
3/8	359-002		359-008	359-015
1/2	359-003	359-161	359-009	359-016
5/8	359-004		359-010	359-017
3/4	359-005		359-011	359-019
7/8			359-012	
1			359-013	359-020
1-1/4				359-021

Length	10-24	1/4"-20	5/16"-18	3/8"-16	7/16"-14	1/2"-13
3/8	359-022	359-028	359-036			
1/2	359-023	359-029	359-037	359-045		
5/8		359-030	359-038			
3/4	359-024	359-031	359-039	359-046		359-052
7/8		359-032				
1	359-025	359-033	359-040	359-047	359-051	359-053
1-1/4	359-026	359-034	359-041	359-048		
1-1/2	359-027	359-035	359-042	359-049		359-164
1-3/4			359-043			
2			359-044	359-050		359-165
3						359-166

Contact Sales Desk For Package Quantities

Inch



Socket Head Cap Screws

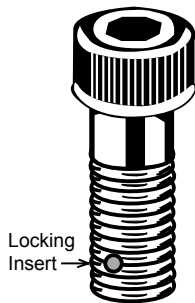
Pouce

Vis à tête à six pans creux

ALLOY STEEL

Not Plated

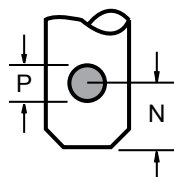
MATERIAL: Alloy Steel Heat Treated HRC 39-45.
Screw spec. to ASME B18.3 / ASTM A574
Class 3A Thread Fit Standard



Locking Insert

with PELLETIZED NYLON LOCKING INSERT

The Pellet Material is: TYPE 6/6 NYLON



For pellet location (N) and additional data see preceding page B204.

FINE THREAD

ORDER BY SPAENAUR NUMBERS LISTED BELOW

Length	10-32	1/4"-28	5/16"-24	3/8"-24	7/16"-20	1/2"-20	5/8"-18
3/8	359-054	359-060					
1/2	359-055	359-061	359-064				
5/8	359-056	359-160		359-067			
3/4	359-057	359-062	359-065	359-068			
7/8		359-158					
1	359-058	359-063	359-066	359-069	359-157	359-070	
1-1/4	359-059			359-153			359-163
1-1/2		359-151	359-185				
2						359-071	
2-1/4			359-162				

18-8 STAINLESS STEEL



Locking Insert

Inch Sizes PELLETIZED

For pellet location (N) and additional data see preceding page B204.

Screw spec. to ASME B18.3.

Vertical knurled heads from 6-32 up.

Min. tensile strength (up to 5/8" dia.) 80,000 psi.

Thread Class 2A or 3A Fit our option

COARSE THREAD (U.N.C.)

Length	4-40	6-32	8-32	10-24	1/4"-20	5/16"-18	3/8"-16
1/4	361-001	361-004					
3/8	361-002	361-005	361-008	361-012	361-015		
1/2	361-003	361-006	361-009	361-013	361-016	361-020	
3/4		361-007	361-010		361-017	361-021	361-023
1			361-011	361-014	361-018	361-022	361-024
1-1/4					361-019		361-025

FINE THREAD (U.N.F.)

Length	10-32	1/4"-28
3/8	361-026	
1/2	361-027	361-031
3/4	361-028	361-032
1	361-029	361-034
1-1/4	361-030	

Contact Sales Desk For Package Quantities

CATALOG 14 SPAENAUR

Socket Head Cap Screws

Vis à tête à six pans creux

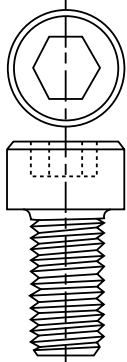
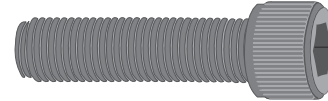


Inch

Pouce

B

MOULDED 6/6 NYLON
(Natural Colour) **HEX SOCKET CAP SCREW**



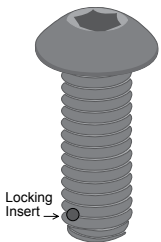
COARSE and FINE THREADS					UNC & UNF				
DIA.	4	6	8	10	10	1/4"	5/16"	3/8"	1/2"
THD.	40 UNC	32 UNC	32 UNC	24 UNC	32 UNF	20 UNC	18 UNC	16 UNC	13 UNC
LENGTH	ORDER BY SPAENAUR NUMBERS LISTED BELOW								
1/2"			374-005		374-012	374-013	374-017		
3/4"	374-006	374-007	374-008	374-009		374-011		374-014	
1"		374-001	374-003	374-010	374-002	374-004			
1-1/4"									374-019
1-1/2"							374-018	374-016	
2"						374-015			PKG QTY. 25
	PKG QTY. 100					PKG QTY. 50			

PELLETIZED BUTTON HEAD HEX SOCKET
Boulons de précision à tête creuse «pelletized»

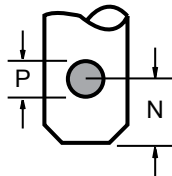
ALLOY STEEL
(Not Plated)

with **PELLETIZED**

NYLON LOCKING INSERT



Hex-Socket BUTTON HEAD



Screw spec. to ASME B18.3 / ASTM A574.
MATERIAL: Alloy Steel Heat Treated HRC 39-45.
Class 3A Thread Fit Standard
For pellet location (N) and additional info and chart see page B204.

The Pellet Material is:
TYPE 6/6 NYLON

Unaffected by commercial solvents, alcohols, gasoline, oil, or water. It retains its high strength and low absorption at -57°C (-70°F); withstands continuous heat up to 121°C (250°F); is an ideal pressure seat.

(N) Pellet Location:
Tolerance: ±1/2 of Thread Pitch

Inch Sizes	COARSE THREAD								FINE THREAD
	4-40	6-32	8-32	10-24	1/4"-20	5/16"-18	3/8"-16	1/2"-13	10-32
Length									
1/4"	359-120	359-123	359-127	359-130					359-147
3/8"	359-121	359-124	359-128	359-131	359-135	359-140			359-148
1/2"	359-122	359-125	359-129	359-132	359-136	359-141	359-142		359-149
5/8"		359-126			359-137		359-152		
3/4"				359-133	359-138		359-143		359-150
1"				359-134	359-139		359-144	359-146	
1-1/4"						359-156	359-145		

Contact Sales Desk For Package Quantities

Inch

Pouce



Socket Head Cap Screws

Vis à tête à six pans creux

ALLOY STEEL

NOT PLATED

Screw spec to ASME B18.3.

**MATERIAL: #2 thru #8 Alloy Steel Heat Treated RC- 28-32
#10 thru 3/4" Alloy Heat Treated RC-38-42
Class 3A Thread Fit Standard**



82° Head Angle

Locking Insert →

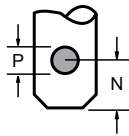
Socket
FLAT HEAD

WITH
PELLETIZED NYLON LOCKING INSERT

For pellet location (N) and general information see data below and chart on page B204.

The Pellet Material is:
TYPE 6/6 NYLON

-unaffected by commercial solvents, alcohols, gasoline, oil, or water. It retains its high strength and low absorption at **-57°C (-70°F)**; withstands continuous heat up to **121°C (250°F)**; is an ideal pressure seat.



COARSE THREAD

Contact Sales Desk For Package Quantities

Length	4-40	6-32	8-32	10-24	1/4"-20
1/4	359-072				
3/8	359-073	359-075	359-079	359-084	359-088
1/2	359-074	359-076	359-080	359-085	359-089
5/8		359-077	359-081		359-090
3/4		359-078	359-082	*359-086	359-091
1			359-083	▲359-087	359-092
1-1/4					359-093
1-3/4					359-094
1-3/4					(18-8 SS) 361-037
2					(18-8 SS) 361-038

*361-035 18-8 Stainless Steel ▲361-036 18-8 Stainless Steel

Length	5/16"-18	3/8"-16	1/2"-13
5/8	359-095	359-099	
3/4	359-096	359-100	359-104
1	359-097	359-101	359-105
1-1/4		359-102	359-106
1-1/2	359-098	359-103	359-107
2			359-108

FINE THREAD

Length	10-32	1/4"-28	5/16"-24	3/8"-24	1/2"-20
3/8	359-109	359-114			
1/2	359-110	359-115			
5/8	359-111	359-116			
3/4	359-112				359-118
1	359-113	359-117	359-159	359-154	
2					359-119

For Hex Socket Cap Screw with Pelletized Nylon Locking Insert see Page B204

Socket Head Shoulder Bolts

Vis à épaulement à tête creuse

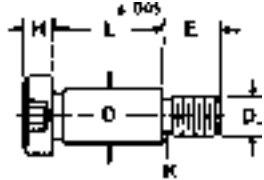
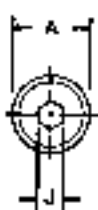


Inch

Pouce

B

NOTE:
Plain or knurled head furnished at our option as available.



“ALLOY” STEEL

Heat treated
Not Plated

Rockwell “C” hardness of 32-43 at the surface.

Threads:

Unified standard, Class 3A, UNC Series, to American National Standard, ANSI, B1.1.



18-8 STAINLESS STEEL

Threads:
Class 3A or 2A our option.

Head/Body & Socket Dimensions to ANSI/ASME B 18.3

“STRIPPER BOLTS”

Shoulder Dia.	Shoulder Length	U.N.C. Thread	SPAENAUR Nos.		Shoulder Dia.	Shoulder Length	U.N.C. Thread	SPAENAUR Nos.	
			STEEL	STAINLESS				STEEL	STAINLESS
1/4" 1/8" Key	1/4"	10-24	364-074	—	1/2" 1/4" Key	1/2"	3/8-16	364-021	364-826
	3/8"	10-24	364-022	364-A06-1P		5/8"	3/8-16	364-019	364-827
	1/2"	10-24	HX-289SB	364-A01-1K		3/4"	3/8-16	364-017	364-A12-1T
	5/8"	10-24	HX-312SB	364-802		1"	3/8-16	364-038	364-829
	3/4"	10-24	HX-330SB	364-A13-1K		1-1/4"	3/8-16	364-039	364-A11-1N
	1"	10-24	364-A02-1W	364-804		1-1/2"	3/8-16	364-020	364-831
	1-1/4"	10-24	364-014	364-805		1-3/4"	3/8-16	364-040	364-832
	1-1/2"	10-24	364-015	364-A15-1M		2"	3/8-16	364-016	364-833
	1-3/4"	10-24	364-086	—		2-1/4"	3/8-16	364-041	—
2"	10-24	364-084	—	2-1/2"	3/8-16	364-042	—		
2-1/2"	10-24	364-090	—	2-3/4"	3/8-16	364-043	—		
5/16" 5/32" Key	5/16"	1/4-20	364-093	—	3"	3/8-16	364-044	—	
	3/8"	1/4-20	364-023	364-807	3-1/4"	3/8-16	364-045	—	
	1/2"	1/4-20	HX-297SB	364-808	3-1/2"	3/8-16	364-046	—	
	5/8"	1/4-20	HX-331SB	364-809	4"	3/8-16	364-047	—	
	3/4"	1/4-20	HX-298SB	364-A14-1W	4-1/2"	3/8-16	364-048	—	
	7/8"	1/4-20	—	364-811	5"	3/8-16	364-049	—	
	1"	1/4-20	HX-286SB	364-A03-1M	5/8" 5/16" Key	3/4"	1/2-13	364-076	—
	1-1/4"	1/4-20	HX-332SB	364-A04-1X		1"	1/2-13	364-077	—
	1-1/2"	1/4-20	364-024	364-814		1-1/4"	1/2-13	364-050	—
1-3/4"	1/4-20	364-025	364-A05-1A	1-1/2"		1/2-13	364-051	—	
2"	1/4-20	364-026	364-816	1-3/4"		1/2-13	364-052	—	
3/8" 3/16" Key	1/4"	5/16-18	364-092	—		2"	1/2-13	364-053	—
	3/8"	5/16-18	364-018	364-817		2-1/4"	1/2-13	364-054	—
	1/2"	5/16-18	364-012	364-818		2-1/2"	1/2-13	364-055	—
	5/8"	5/16-18	HX-311SB	364-A10-1C		2-3/4"	1/2-13	364-056	—
	3/4"	5/16-18	HX-333SB	364-A07-1Y	3"	1/2-13	364-057	—	
	1"	5/16-18	HX-334SB	364-A08-1C	3-1/4"	1/2-13	364-058	—	
	1-1/4"	5/16-18	364-027	364-822	3-1/2"	1/2-13	364-059	—	
	1-1/2"	5/16-18	364-028	364-823	4"	1/2-13	364-060	—	
	1-3/4"	5/16-18	364-029	364-A09-1N	4-1/2"	1/2-13	364-061	—	
	2"	5/16-18	364-030	364-825	5"	1/2-13	364-062	—	
	2-1/4"	5/16-18	364-031	—	Continues on Next Page				
	2-1/2"	5/16-18	364-032	—	See B209 for larger shoulder diameters and technical information on Inch Hex Socket Shoulder Screws.				
	2-3/4"	5/16-18	364-033	—					
	3"	5/16-18	364-034	—					
	3-1/4"	5/16-18	364-035	—					
3-1/2"	5/16-18	364-036	—						
4"	5/16-18	364-037	—						

B208

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Contact Sales Desk For Package Quantities

CATALOG 14

SPAENAUR

Inch

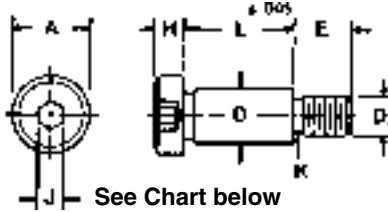
Pouce



Socket Head Shoulder Bolts

Vis à épaulement à tête creuse

NOTE:
Plain or knurled head furnished at our option as available.



See Chart below

"ALLOY" STEEL

Heat treated
Not Plated

Rockwell "C" hardness of 32-43 at the surface.

Threads:

Unified standard, Class 3A, UNC Series, to American National Standard, ASME B18.3.



18-8 STAINLESS STEEL

Threads:
Class 3A or 2A our option.

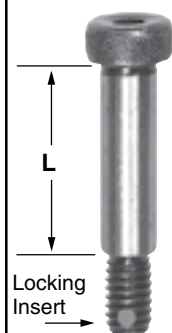
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"STRIPPER BOLTS"

Shoulder Dia.	Shoulder Length	U.N.C. Thread	SPAENAUR Nos. STEEL	Shoulder Dia.	Shoulder Length	U.N.C. Thread	SPAENAUR Nos. STEEL
3/4" 3/8" Key	3/4"	5/8-11	364-079	Cont'd.... 3/4" 3/8" Key	4"	5/8-11	364-071
	1"	5/8-11	364-088		4-1/2"	5/8-11	364-072
	1-1/4"	5/8-11	364-080		5"	5/8-11	364-073
	1-1/2"	5/8-11	364-063	1" 1/2" Key	1-1/2"	3/4-10	364-082
	1-3/4"	5/8-11	364-064		2"	3/4-10	364-085
	2"	5/8-11	364-065		2-1/2"	3/4-10	364-075
	2-1/4"	5/8-11	364-066		3"	3/4-10	364-087
	2-1/2"	5/8-11	364-067		3-1/2"	3/4-10	364-083
	2-3/4"	5/8-11	364-068		4"	3/4-10	364-078
	3"	5/8-11	364-069		1 1/4" 5/8" Key	2-1/4"	7/8-9
3-1/2"	5/8-11	364-070	3"	7/8-9		364-081	

Hex Socket Shoulder Screw Technical Information

Nom. Size or Basic Shoulder Dia.	D Shoulder Diameter		A Head Diameter		H Head Height		D1 Nom. Thread Size or Basic Thread Dia.		Threads Per Inch	E Thread Length Basic	K Thread Neck Wdth. Max.	J Hexagon Socket Size Nom.		
	Max.	Min.	Max.	Min.	Max.	Min.								
1/4"	0.250	0.2480	0.2460	0.375	0.357	0.188	0.177	10	0.1900	24	0.375	0.062	1/8	0.125
5/16"	0.312	0.3105	0.3085	0.438	0.419	0.219	0.209	1/4	0.2500	20	0.438	0.075	5/32	0.156
3/8"	0.375	0.3730	0.3710	0.562	0.543	0.250	0.240	5/16	0.3125	18	0.500	0.083	3/16	0.188
1/2"	0.500	0.4980	0.4960	0.750	0.729	0.312	0.302	3/8	0.3750	16	0.625	0.093	1/4	0.250
5/8"	0.625	0.6230	0.6210	0.875	0.853	0.375	0.365	1/2	0.5000	13	0.750	0.115	5/16	0.312
3/4"	0.750	0.7480	0.7460	1.000	0.977	0.500	0.490	5/8	0.6250	11	0.875	0.136	3/8	0.375
1"	1.000	0.9980	0.9960	1.312	1.287	0.625	0.610	3/4	0.7500	10	1.000	0.150	1/2	0.500
1-1/4"	1.250	1.2480	1.2460	1.750	1.723	0.750	0.735	7/8	0.8750	9	1.125	0.222	5/8	0.625



PELLETIZED Hex Socket SHOULDER SCREWS (STRIPPER BOLTS)

Alloy Steel Heat Treated
Not Plated
with Type 6/6 Nylon Pellet



Locking Insert

Shoulder DIA.	1/4"	5/16"	3/8"	1/2"	
	U.N.C. Thread	10-24	1/4"-20	5/16"-18	3/8"-16
Shoulder Length	L	ORDER BY SPAENAUR NUMBER			
	3/8	359-200		359-207	
	1/2		359-204	359-208	
	5/8	359-201	359-205	359-209	359-211
	3/4	359-202	359-206	359-210	
1	359-203			359-212	

For Pellet Location and additional info. see page B204.

Contact Sales Desk For Package Quantities

B

12 Point Flanged Head Cap Screws

Vis d'assemblage à embase à 12 pointes



Inch

Pouce

ALLOY STEEL

IFI - 115
1986



12 point Flanged Head COUNTR-BOR SCREWS

DOUBLE HEAT TREATED
BLACK SATIN FINISH

- Wrenches Tighter!
- Wrenches Faster!
- Smooth Appearance!
- And Saves You Money on Assembly Time!

MATERIAL - Alloy Steel. HEAT TREATMENT - Rockwell C-36-43. TENSILE STRENGTH - 170,000 PSI Min.
YIELD STRENGTH - 158,000 PSI Min. PROOF LOAD 135,000 PSI Min.

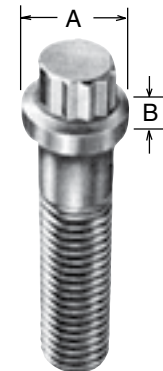
COARSE THREAD UNRC-3A

DIA.	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1
THD.	20	18	16	14	13	11	10	9	8
Lgth.	ORDER BY SPAENAUR NUMBERS LISTED BELOW								
1/2	CS-151	CS-164							
5/8	CS-152	CS-165	CS-179	CS-196	CS-211				
3/4	CS-153	CS-166	CS-180	CS-197	CS-212				
7/8	CS-154	CS-167	CS-181	CS-198	CS-213				
1	CS-155	CS-168	CS-182	CS-199	CS-214	CS-232			
1-1/4	CS-156	CS-169	CS-183	CS-200	CS-215	CS-233	CS-250		
1-1/2	CS-157	CS-170	CS-184	CS-201	CS-216	CS-234	CS-251		
1-3/4	CS-158	CS-171	CS-185	CS-202	CS-217	CS-235	CS-252		
2	CS-159	CS-172	CS-186	CS-203	CS-218	CS-236	CS-253	CS-267	CS-281
2-1/4	CS-160	CS-173	CS-187	CS-204	CS-219	CS-237	CS-254	CS-268	CS-282
2-1/2	CS-161	CS-174	CS-188	CS-205	CS-220	CS-238	CS-255	CS-269	CS-283
2-3/4	CS-162	CS-175	CS-189	CS-206	CS-221	CS-239	CS-256	CS-270	CS-284
3	CS-163	CS-176	CS-190	CS-207	CS-222	CS-240	CS-257	CS-271	CS-285
3-1/2		CS-177	CS-191	CS-208	CS-223	CS-241	CS-258	CS-272	CS-286
4			CS-192	CS-209	CS-224	CS-242	CS-259	CS-273	CS-287
4-1/2			CS-193		CS-225	CS-243	CS-260	CS-274	CS-288
5			CS-194		CS-226	CS-244	CS-261	CS-275	CS-289
5-1/2					CS-227	CS-245	CS-262	CS-276	CS-290
6					CS-228	CS-246	CS-263	CS-277	CS-291
6-1/2					CS-229	CS-247	357-F01-1Y	CS-278	CS-292
7					CS-230	CS-248	CS-265	CS-279	CS-293
8						CS-249			

RECOMMENDED TIGHTENING TORQUES

Size	Ft. Lbs.
1/4-20 UNC	15
1/4-28 UNF	17
5/16-18 UNC	31
5/16-24 UNF	34
3/8-16 UNC	58
3/8-24 UNF	65
7/16-14 UNC	92
7/16-20 UNF	102
1/2-13 UNC	133
1/2-20 UNF	150
5/8-11 UNC	266
5/8-18 UNF	301
3/4-10 UNC	480
3/4-16 UNF	536
7/8-9 UNC	746
7/8-14 UNF	881
1-8 UNC	1,044
1-14 UNF	1,255

Torque ratings are a general guideline only. Actual conditions may effect these ratings.



FINE THREAD UNRF-3A

DIA.	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8
THD.	28	24	24	20	20	18	16	14
Lgth.	ORDER BY SPAENAUR NUMBERS LISTED BELOW							
1/2	CS-296	CS-306						
5/8	CS-297	CS-307	CS-318					
3/4	CS-298	CS-308	CS-319					
7/8	CS-299	CS-309	CS-320					
1	CS-300	CS-310	CS-321	CS-328	CS-332	CS-339		
1-1/4	CS-301	CS-311	CS-322	CS-329	CS-333	CS-340		
1-1/2	CS-302	CS-312	CS-323	CS-330	CS-334	CS-341		
1-3/4	CS-303	CS-313	CS-324	357-001	CS-335	CS-342		
2	CS-304	CS-314	CS-325	CS-331	CS-336	CS-343	357-006	
2-1/4	CS-305	CS-315	CS-326	357-009	CS-337			
2-1/2		CS-316	CS-327	357-002	CS-338	CS-344		
3			357-007		357-004			357-003
3-1/2							357-005	
4-1/2								357-008

Dia. of Thread	"A" Flange Dia.		"B" Flange Thickness	12 Pt. Socket or Wrench Size
	Max.	Min.	Min.	
1/4"	0.375	0.365	0.058	1/4"
5/16"	0.469	0.457	0.074	5/16"
3/8"	0.562	0.550	0.095	3/8"
7/16"	0.656	0.642	0.109	7/16"
1/2"	0.750	0.735	0.129	1/2"
9/16"	0.844	0.828	0.145	9/16"
5/8"	0.938	0.921	0.166	5/8"
3/4"	1.125	1.107	0.200	3/4"
7/8"	1.312	1.293	0.234	7/8"
1"	1.500	1.479	0.268	1"

Contact Sales Desk For Package Quantities

Inch and Metric

Pouce et Métrique



Flanged / Socket Head Cap Screws Assortments

Assortiments de vis d'assemblage à embase / tête creuse

ASSORTMENT **805-652**
ASSORTIMENT

12 point Flanged Head
ALLOY STEEL

COUNTR-BOR SCREWS
Coarse and Fine Thread

24 Sizes
455 Pieces



Thread Type	Spaenaur No.	Thread Size	Length	Qty.	Page
Coarse	CS-153	1/4"-20	3/4"	30	B210
	CS-154		7/8"		
	CS-155		1"		
	CS-168	5/16"-18	1-1/2"	25	
	CS-170		2"		
	CS-172	3/8"-16	1"	20	
	CS-182		1-1/4"		
	CS-183		1-1/2"		
	CS-184	7/16"-14	1-1/4"	15	
	CS-200		2"		
	CS-203		2-1/2"		
	CS-205	1/2"-13	3/4"	10	
	CS-212		1-1/4"		
	CS-215		1-1/2"		
CS-216	2"				
CS-218	1/4"-28	7/8"	30		
CS-304		1-1/4"	25		
CS-309	5/16"-24	1-1/2"	20		
CS-311		1"	15		
CS-312	3/8"-24	1-1/4"	10		
CS-321		1-1/2"	5		
CS-329	7/16"-20	2-1/2"	5		
CS-334		1-1/4"	10		
CS-338	1/2"-20	2-1/2"	5		

Furnished in Large Size grey enamelled steel drawer with hinged lid and catch. Drawer will fit into Slide Racks shown on page A3

Shipping Weight: **13.33 kg**
(29.4 lbs.)

ASSORTMENT **805-498**
ASSORTIMENT

Regular (Coarse) Thread
FULL Cylinder Head

METRIC Hex Socket Cap Screws
Property Class 8.8 Med. Carbon Steel Not Plated

DIN 912

24 Sizes
500 Pieces



Name	Spaenaur No.	Size	Qty.	Page
Fully Threaded Hex Socket Cap Screws	367-B04-1P	M3 x 10mm	30	B212
	367-012	M3 x 16mm		
	367-019	M4 x 12mm		
	367-021	M4 x 20mm	25	
	367-034	M5 x 8mm		
	367-B05-1Y	M5 x 12mm		
	367-038	M5 x 20mm	20	
	367-039	M5 x 25mm		
	367-055	M6 x 10mm		
	367-B07-1N	M6 x 16mm	15	
	367-059	M6 x 25mm		
	367-075	M8 x 12mm		
	367-077	M8 x 20mm	10	
	367-079	M8 x 30mm		
	367-100	M10 x 16mm		
	367-102	M10 x 25mm	30	
	367-132	M12 x 30mm		
367-134	M12 x 40mm			
Partially Threaded Hex Socket Cap Screws	367-014	M3 x 25mm	25	B214
	367-023	M4 x 30mm		
	367-025	M4 x 40mm		
	367-040	M5 x 30mm		
	367-061	M6 x 35mm		
	367-081	M8 x 40mm	10	

Put up in REGULAR SIZE grey enamelled STEEL drawer. Drawer will fit the Slide Racks on page A2.

Shipping Weight: **5.53 kg**
(12.2 lbs.)

Socket Head Cap Screws

Vis à tête à six pans creux



Metric

Métrique

B



DIN 912

This Standard has been replaced. Please see Catalog Page R21 for more information.

**FULLY
THREADED**

Property Class 8.8 – Plain Finish

ISO Regular COARSE Metric Thread

Medium Carbon Steel, Quenched & Tempered

Dia. **M3 - M16** Tensile Strength **800 N/mm²** min. (Approx. 116,000 PSI - For Reference Only.)
Above **M16** Tensile Strength **830 N/mm²** min. (Approx. 120,000 PSI - For Reference Only.)

DIA.	M3	M4	M5	M6	M8	M10	M12	M14
Pitch	0.50	0.70	0.80	1.00	1.25	1.50	1.75	2.00
Key	2.5 mm	3 mm	4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Length	ORDER BY SPAENAUR NUMBERS LISTED BELOW							
4	367-369							
5	367-007	367-278						
6	367-008	367-016	367-033	367-285				
8	367-009	367-017	367-034	367-054				
10	367-B04-1P	367-018	367-035	367-055	367-074			
12	367-B01-1M	*367-019	367-B05-1Y	367-056	367-075	367-099		
14		367-279	367-282	367-371				
16	367-012	367-020	367-B06-1C	367-B07-1N	367-076	367-100	367-129	
18	367-271	367-280	367-283	367-286	367-290	367-293	367-296	
20	367-013	367-021	367-038	367-058	367-077	367-101	367-130	367-299
22	367-367	367-281	367-284	367-287	367-291	367-294	367-297	
25	367-393	367-022	367-039	367-059	367-078	367-102	367-131	367-300
30				367-060	367-079	367-103	367-132	367-301
35					367-080	367-104	367-133	367-302
40				367-361	367-363	367-105	367-134	367-303
45							367-135	367-B12-1W
50							367-136	367-305
55	PKG QTY. 100		PKG QTY. 50					367-306
60					367-364			
70		367-375					PKG QTY. 25	
100				367-362				
120						367-374	367-379	

*367-325 Zinc Plated and Locking Patch.

Continues on Next Page

Sizes available in FINE THREAD – Fully Threaded

367-347	M10 x 1.25 x 20 mm	(PKG QTY. 50)
367-352	M12 x 1.25 x 30 mm	(PKG QTY. 25)
367-353	M12 x 1.25 x 35 mm	(PKG QTY. 25)

For Holo-Krome Socket Head Cap Screws
see Page B190

Metric

Métrique



Socket Head Cap Screws

Vis à tête à six pans creux



DIN 912

This Standard has been replaced. Please see Catalog Page R21 for more information.

**FULLY
THREADED**

Property Class 8.8 – Plain Finish

ISO Regular COARSE Metric Thread

Medium Carbon Steel, Quenched & Tempered

Dia. **M3 - M16** Tensile Strength **800 N/mm²** min. (Approx. 116,000 PSI - For Reference Only.)
Above **M16** Tensile Strength **830 N/mm²** min. (Approx. 120,000 PSI - For Reference Only.)

B

DIA.	M16	M18	M20	M22	M24	M27	M30	M36
Pitch	2.00	2.50	2.50	2.50	3.00	3.00	3.50	4.00
Key	14 mm	14 mm	17 mm	17 mm	19 mm	19 mm	22 mm	27 mm
Length	ORDER BY SPAENAUR NUMBERS LISTED BELOW							
	Continued from Previous Page							
	PKG QTY. 25			PKG QTY. 10				
25	367-159							
30	367-160		367-186					
35	367-161	367-319	367-187					
40	367-162	367-320	367-188	367-334	367-213			
45	367-163		367-189	367-335	367-214			
50	367-164	367-322	367-190	367-336	367-215			
55	367-365	367-323	367-191	367-337	367-216			
60	367-392	367-324	367-192	367-338	367-217		367-238	
65			367-193	367-339				
70			367-356	367-373	367-219		367-239	
75			367-345		367-344			
80							367-240	367-256
90						367-315	367-348	367-257
100							367-316	367-370

See Tools Section P for Inch and Metric Hex Keys, Bits and Drivers

NEW

Vibra-TITE

Threadlocker prevents threaded fasteners from coming loose due to shock and vibration.

See Page B4

Socket Head Cap Screws

Vis à tête à six pans creux



Metric

Métrique



DIN 912

This Standard has been replaced. Please see Catalog Page R21 for more information.

PARTIALLY THREADED

Property Class 8.8 – Plain Finish

ISO Regular COARSE Metric Thread

Medium Carbon Steel, Quenched & Tempered

Dia. **M3 - M16** Tensile Strength **800 N/mm²** min. (Approx. 116,000 PSI - For Reference Only.)
Above **M16** Tensile Strength **830 N/mm²** min. (Approx. 120,000 PSI - For Reference Only.)

B

DIA.	M3	M4	M5	M6	M8	M10	M12	M14
Pitch	0.50	0.70	0.80	1.00	1.25	1.50	1.75	2.00
Key	2.5 mm	3 mm	4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Length	ORDER BY SPAENAUR NUMBERS LISTED BELOW							
25	367-014							
30	367-015	367-023	367-040					
35	367-274	367-024	367-041	367-061				
40	367-270	367-025	367-042	367-062	367-081			
45	367-276	367-026	367-043	367-063	367-082	367-106		
50	367-277	367-027	367-044	367-064	367-083	367-107		
55		367-028	367-045	367-065	367-084	367-108	367-137	
60		367-029	367-046	367-066	367-085	367-109	367-138	367-308
65		367-030	367-047	367-067	367-086	367-110	367-139	367-309
70		367-031	367-048	367-068	367-087	367-111	367-140	367-310
75				367-288	367-272	367-295	367-298	367-311
80		367-032	367-049	367-069	367-088	367-112	367-141	367-312
90			367-050	367-070	367-089	367-113	367-142	367-313
100			367-051	367-071	367-090	367-114	367-143	367-314
110			367-052	367-072	367-091	367-115	367-B03-1A	367-372
120			367-053	367-073	367-092	367-116	367-145	367-317
130					367-093	367-117	367-146	
140					367-094	367-118	367-147	
150					367-095	367-119	367-148	
160					367-096	367-120	367-149	
170					367-097	367-121	367-150	
180					367-098	367-122	367-151	
200	367-346	M8 x 1.00 x 100 mm				367-123	367-152	
220	367-350	M10 x 1.25 x 80 mm				367-124	367-153	
240	367-351	M10 x 1.25 x 100 mm				367-125	367-154	
260	367-354	M12 x 1.25 x 70 mm				367-126	367-155	
280	367-355	M12 x 1.25 x 90 mm					367-156	
300	367-358	M16 x 1.50 x 90 mm						
	367-359	M16 x 1.50 x 100 mm				367-127	367-157	

Sizes available in FINE THREAD - Partially Threaded

367-346 M8 x 1.00 x 100 mm
367-350 M10 x 1.25 x 80 mm
367-351 M10 x 1.25 x 100 mm
367-354 M12 x 1.25 x 70 mm
367-355 M12 x 1.25 x 90 mm
367-358 M16 x 1.50 x 90 mm
367-359 M16 x 1.50 x 100 mm

Contact Sales Desk For Package Quantities

Continues on Next Page

For Metric Hex Keys & Specialty Keys see Pages P9-P10

Metric

Métrique



Socket Head Cap Screws

Vis à tête à six pans creux



DIN 912

This Standard has been replaced. Please see Catalog Page R21 for more information.

**PARTIALLY
THREADED**

Property Class 8.8 – Plain Finish

ISO Regular COARSE Metric Thread

Medium Carbon Steel, Quenched & Tempered

Dia. **M3 - M16** Tensile Strength **800 N/mm²** min. (Approx. 116,000 PSI - For Reference Only.)
Above **M16** Tensile Strength **830 N/mm²** min. (Approx. 120,000 PSI - For Reference Only.)

Continued from Previous Page

DIA.	M16	M18	M20	M22	M24	M30	M36
Pitch	2.00	2.50	2.50	2.50	3.00	3.50	4.00
Key	14 mm	14 mm	17 mm	17 mm	19 mm	22 mm	27 mm
Length	ORDER BY SPAENAUR NUMBERS LISTED BELOW						
55	367-165						
65	367-167						
70	367-168	367-326					
75	367-318	367-327	367-333				
80	367-169	367-328	367-195		367-220		
90	367-170	367-329	367-196	367-340	367-221		
100	367-171	367-330	367-197		367-222		367-258
110	367-172	367-331	367-198		367-223	367-243	
120	367-173	367-332	367-199	367-343	367-224	367-244	367-259
130	367-174		367-200		367-225	367-245	
140	367-175		367-201		367-226	367-246	367-260
150	367-176		367-202		367-227		
160	367-177		367-203		367-228	367-247	367-261
170	367-178		367-204		367-229		
180	367-179		367-205		367-230	367-248	367-262
200	367-180		367-206		367-231	367-249	367-263
220	367-181		367-207		367-232	367-250	367-264
240	367-182		367-208		367-233	367-251	367-265
260	367-183		367-209		367-234	367-252	367-266
280	367-B08-1T		367-210		367-235	367-253	
300	367-185		367-211		367-B02-1X	367-254	
400			367-212				367-269

See Tools Section P for Inch and Metric Hex Keys, Bits and Drivers

Contact Sales Desk For Package Quantities

NEW

Vibra-TITE

Threadlocker prevents threaded fasteners from coming loose due to shock and vibration.

See Page B4

Socket Head Cap Screws

Vis à tête à six pans creux



Metric

Métrique

Property Class **8.8**
Zinc and Yellow Zinc Plated
ISO Regular COARSE Metric Thread

DIN 912

This Standard has been replaced. Please see Catalog Page R21 for more information.

Medium Carbon Steel, Quenched & Tempered

Dia. **M3 - M16** Tensile Strength **800 N/mm²** min. (Approx. 116,000 PSI - For Reference Only.)

Above **M16** Tensile Strength **830 N/mm²** min. (Approx. 120,000 PSI - For Reference Only.)

B



Fully Threaded Zinc Plated (unless noted with a symbol)

DIA.	M3	M4	M5	M6	M8	M10	M12	M14	M16	M20
Pitch	0.50	0.70	0.80	1.00	1.25	1.50	1.75	2.00	2.00	2.50
Key	2.5 mm	3 mm	4 mm	5 mm	6 mm	8 mm	10 mm	10 mm	14 mm	17 mm
Length	ORDER BY SPAENAUR NUMBERS LISTED BELOW									
8				*367-054YZ						
10	367-010ZP		367-035ZP							
12				367-056ZP						
				*367-056YZ						
16		*367-020YZ			*367-B11-1K	367-100ZP				
18					*367-290YZ					
					367-290ZP					
20		367-021ZP				367-101ZP				
						*367-101YZ				
22			367-284ZP		367-291ZP		367-297ZP			
25		*367-022YZ		367-059ZP	367-078ZP	*367-B09-1K	367-131ZP			
				*367-059YZ						
30				367-060ZP			367-132ZP		367-160ZP	367-186ZP
				*367-060YZ						
35						*367-104YZ				
40							367-134ZP	*367-303YZ		
45							367-135ZP			
50							367-136ZP			
65										367-193ZP

* Yellow Zinc Plated



Partially Threaded Zinc Plated (unless noted with a symbol)

DIA.	M3	M4	M5	M6	M8	M10	M12	M14	M16	M20
Pitch	0.50	0.70	0.80	1.00	1.25	1.50	1.75	2.00	2.00	2.50
Key	2.5 mm	3 mm	4 mm	5 mm	6 mm	8 mm	10 mm	10 mm	14 mm	17 mm
Length	ORDER BY SPAENAUR NUMBERS LISTED BELOW									
30		367-023ZP								
35				367-061ZP						
40				367-062ZP						
45					367-B13-1M					
50				*367-064YZ	367-083ZP	367-107ZP				
55					*367-084YZ					
60				367-066ZP						
65			367-047ZP							
75					367-272ZP				367-B10-1T	
80							367-141ZP			
100									367-171ZP	
110				367-072ZP						

* Yellow Zinc Plated

Contact Sales Desk For Package Quantities

B216

Metric

Métrique



Socket Head Cap Screws

Vis à tête à six pans creux



DIN 7984

Thread length will vary with diameter and length of screw.

Fully Threaded

Property Class 8.8 – Plain Finish

Regular COARSE Metric Thread

LOW HEAD STYLE

Medium Carbon Steel, Quenched & Tempered

Tensile Strength **800 N/mm²** min. (Approx. 116,000 PSI - For Reference Only.)

DIA.	M3	M4	M5	M6	M8	M10	M12	M16	M20	M24
Pitch	0.50	0.70	0.80	1.00	1.25	1.50	1.75	2.00	2.50	3.00
Key	2 mm	2.5 mm	3 mm	4 mm	5 mm	7 mm	8 mm	12 mm	14 mm	17 mm
Nom. Hd Height	2 mm	2.8 mm	3.5 mm	4 mm	5 mm	6 mm	7 mm	9 mm	11 mm	13 mm
Length	ORDER BY SPAENAUR NUMBERS LISTED BELOW									
5	366-1071									
6	366-1072	366-1080	366-1086							
8	366-1073	366-1081	366-1087	366-1095						
10	366-1074	366-451	366-400	366-408	366-1102					
12	366-1075	366-452	366-401	366-409	366-1103					
16	366-1076	366-453	366-403	366-411	366-418	366-1110				
18		366-454		366-412	366-419					
20	366-1077	366-455	366-405	366-413	366-420	366-426	366-1117			
22			366-406	366-414	366-421					
25	366-1078	366-1082	366-407	366-415	366-422	366-428	366-433			
30	366-1079	366-1083	366-1088	366-416	366-423	366-429	366-434	366-438	366-1132	
35		366-1084	366-1089	366-1096	366-424	366-430	366-435	366-W12-1C	366-447	
40		366-1085	366-1090	366-1097	366-425	366-431	366-436	366-440	366-448	366-1139
45			366-1091	366-1098	366-1104	366-432	366-437	366-441	366-1133	
50			366-1092	366-1099	366-1105	366-1111	366-1118	366-442	366-449	366-1140
55			366-1093	366-1100	366-1106		366-1356	366-443		
60			366-1094	366-1101	366-1107	366-1112	366-1119	366-444	366-450	366-1142
70						366-1113	366-1120	366-446	366-1134	366-1143
75						366-1335				
80					366-1108	366-1114	366-1121	366-1128	366-1135	366-1144
90					366-1109	366-1115		366-1129	366-1136	366-1145
100						366-1116			366-1137	366-1146
120						366-1336		366-1131	366-1138	366-1147

Contact Sales Desk For Package Quantities

Additional Sizes and Finishes of DIN 7984

366-1110YZ M10 x 1.50 x 16 mm, Yellow Zinc Plated

ASSORTMENT 805-435

DIN 7984

METRIC Hex Socket Cap Screws
LOW Cylinder Head Style

Regular COARSE Metric Thread
Med. Carbon Steel, Metric
Property Class 8.8 Not Plated

28 Sizes - 585 Pieces

REGULAR SIZE welded STEEL drawer with Hinged Lid & Scooped Bins. Drawer fits the Slide Racks shown on Page A2

Shipping Weight: **9.41 kg** (20-3/4 lbs.)



For the complete assortment contents turn to A53

Socket Head Cap Screws

Vis à tête à six pans creux



Metric

Métrique



DIN 6912

Thread length will vary with diameter and length of screw.

Fully Threaded

Property Class **8.8** Plain Finish

ISO Regular **COARSE Metric** Thread

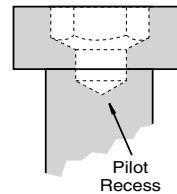
LOW HEAD STYLE with pilot recess for wrench key

Medium Carbon Steel, Quenched & Tempered

Dia. **M3 - M16** Tensile Strength **800 N/mm²** min. (Approx. 116,000 PSI - For Reference Only.)
Above **M16** Tensile Strength **830 N/mm²** min. (Approx. 120,000 PSI - For Reference Only.)

B

DIA.	M4	M5	M6	M8	M10	M12	M14	M16	M20	M24	M30	M36
Pitch	0.70	0.80	1.00	1.25	1.50	1.75	2.00	2.00	2.50	3.00	3.50	4.00
Key	3 mm	4 mm	5 mm	6 mm	8 mm	10 mm	12 mm	14 mm	17 mm	19 mm	22 mm	27 mm
Nom. Hd Height	2.8 mm	3.5 mm	4 mm	5 mm	6.5 mm	7.5 mm	8.5 mm	10 mm	12 mm	14 mm	17.5 mm	21.5 mm
Length	ORDER BY SPAENAUR NUMBERS LISTED BELOW											
6	366-1165											
8	366-1162	366-1176	366-1189									
10	366-1167	366-1177	366-1190	366-1206								
12	366-1168	366-1178	366-1191	366-1207	366-1224							
16	366-1169	366-1179	366-1192	366-1208	366-1225	366-1244						
18	366-1170	366-1180	366-1193	366-1209	366-1226							
20	366-1171	366-1181	366-1194	366-1210	366-1227	366-1001						
25	366-1172	366-1183	366-1196	366-1212	366-1161	366-1000		366-1261				
30	366-1173	366-1184	366-1197	366-1213	366-1230	366-W39-1K	366-1285	366-1262				
35	366-1174	366-1185	366-1198	366-1214	366-1231	366-1249		366-1263				
40	366-1175	366-1186	366-1199	366-1215	366-1232	366-1250		366-1264	366-1274			
45		366-1187	366-1200	366-1216	366-1233	366-1251		366-1265	366-1275			
50		366-1420	366-1201	366-1217	366-1234	366-1252		366-1266	366-1276			
55			366-1202		366-1235	366-1253						
60		366-1188	366-1203	366-1218	366-1236	366-1254		366-1267	366-1277			
65					366-1237							
70			366-1204	366-1219	366-1238	366-1255		366-1268	366-1278			
80			366-1205	366-1220	366-1239	366-1256		366-1269	366-1279			
90				366-1221	366-1240	366-1257		366-1270	366-1280			
100				366-1222	366-1241	366-1258		366-1271	366-1281	366-1286		
110					366-1242	366-1259		366-1272				
120				366-1223	366-1243	366-1002		366-1273	366-1283		366-1284	



DIN 6912

A2 STAINLESS STEEL

10	373-425	373-430	373-B06-1K									
12	373-426	373-431	373-437									
16	373-427	373-432	373-438	373-443								
20	373-428	373-433	373-439	373-444	373-450	373-456						
25		373-434	373-440	373-445	373-451	373-457						
30		373-435	373-441	373-446		373-458						
35			373-442	373-447		373-459		373-463				
40			373-468	373-448		373-460						
50					373-455							

Sizes available in **A4 STAINLESS STEEL**

373-467

M4 x 0.70 x 30 mm

PKG QTY. 50

Contact Sales Desk For Package Quantities

B218

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Property Class 10.9

Plain Finish

ISO Regular

COARSE Metric Thread

Alloy Steel, Heat-treated

DIN 912

This Standard has been replaced. Please see Catalog Page R21 for more information.

Tensile Strength **1040 N/mm²** min. (Approx. 150,000 PSI - For Reference Only.)

ORDER BY SPAENAUR NUMBERS LISTED BELOW

Fully Threaded



Diameter	M3	M6	M10	M12
Pitch	0.50	1.00	1.50	1.75
Key	2.5 mm	5 mm	8 mm	10 mm
Length				
10	366-024			
18		366-068		
30			366-120	
35			366-121	
40				366-148

Partially Threaded



Diameter	M3	M4	M10	M12
Pitch	0.50	0.70	1.50	1.75
Key	2.5 mm	3 mm	8 mm	10 mm
Length				
30	366-031			
35		366-045		
55			366-125	
70				366-154
120				366-160

Contact Sales Desk For Package Quantities

Continues on Next Page

See page B220 for Fully Threaded Socket Head Cap Screws (M18 to M30 diameter) and Partially Threaded (M14 to M30 diameter) sizes.

See Tools in Section P for Inch and Metric Hex Keys, Bits, and Drivers.

For Metric Fold-Up Hex Key Sets see Page P5.

Fold-Up Hex Key Sets

Precision tolerances, heat treated alloy steel, black finish.

AW56347

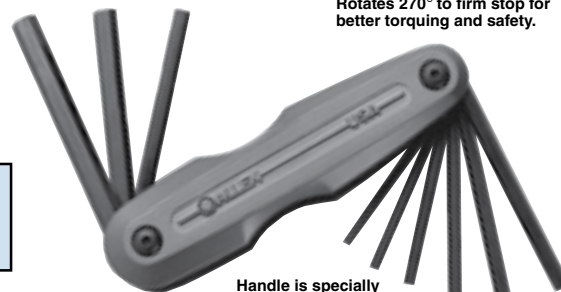
Contains 9 bits in inch sizes:
5/64, 3/32, 7/64, 1/8, 9/64, 5/32, 3/16, 7/32, 1/4.

AW56349

Contains 7 bits in metric sizes: 1.5, 2, 2.5, 3, 4, 5, 6 mm.

Wrenches open from the top and bottom, for easy access and use.

Rotates 270° to firm stop for better torquing and safety.



Rounded edges never cut hands or catch clothing.

Handle is specially contoured for better feel and control

Socket Head Cap Screws

Vis à tête à six pans creux



Metric

Métrique

B

Property Class **10.9**
Plain Finish

See Tools Section P for Inch and Metric Hex Keys, Bits and Drivers

DIN 912

This Standard has been replaced. Please see Catalog Page R21 for more information.

ISO Regular
COARSE Metric Thread

Alloy Steel, Heat-treated

Tensile Strength **1040 N/mm²** min. (Approx. 150,000 PSI - For Reference Only.)



Fully Threaded

...Continued from previous page

Diameter	M18	M20	M22	M24	M27	M30
Pitch	2.50	2.50	2.50	3.00	3.00	3.50
Key	14 mm	17 mm	17 mm	19 mm	19 mm	22 mm
Length	ORDER BY SPAENAUR NUMBERS LISTED BELOW					
30		366-226				
35		366-227				
40		366-228		366-258		
45		366-229				
50	366-215	366-230		366-260		366-292
60		366-232	366-249		366-278	
65				366-263		
70		366-1426	366-251		366-280	
75		366-1331		366-265		



Partially Threaded

Diameter	M14	M18	M20	M22	M24	M27	M30
Pitch	2.00	2.50	2.50	2.50	3.00	3.00	3.50
Key	12 mm	14 mm	17 mm	17 mm	19 mm	19 mm	22 mm
Length	ORDER BY SPAENAUR NUMBERS LISTED BELOW						
65		366-218					
70							
75			366-235				
80		366-221		366-253		366-282	
90		366-222		366-254		366-283	
100		366-223		366-255		366-W20-1X	
110	366-183	366-W33-1A		366-256		366-285	366-301
120		366-225		366-257		366-286	
130						366-287	366-303
140			366-242			366-288	366-304
150						366-289	366-305
160			366-244			366-1313	
180					366-185		

Contact Sales Desk For Package Quantities

B220

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Metric

Métrique



Socket Head Cap Screws

Vis à tête à six pans creux



DIN 912

This Standard has been replaced. Please see Catalog Page R21 for more information.

**FULLY
THREADED**

Property Class 12.9 – Plain Finish

ISO Regular COARSE Metric Thread

Alloy Steel, Heat-treated

Tensile Strength **1220 N/mm²** min. (Approx. 180,000 PSI - For Reference Only.)

See page B225 for Zinc and Yellow Zinc Plated.

Diameter	M2	M2.5	M3	M4	M5	M6	M8	M10	M12
Pitch	0.40	0.45	0.50	0.70	0.80	1.00	1.25	1.50	1.75
Key	1.5 mm	2.0 mm	2.5 mm	3 mm	4 mm	5 mm	6 mm	8 mm	10 mm
Length	ORDER BY SPAENAUR NUMBERS LISTED BELOW								
3	366-660	366-320							
4	366-661	366-W37-1N	366-325						
5	366-662	366-322	366-326	366-393					
6	366-663	366-700	366-705	366-713	366-332	366-336			
8	366-664	366-701	366-706	366-714	366-725	366-736			
10	366-665	366-702	366-707	366-715	366-726	366-737	366-752	366-350	
12	366-666	366-703	366-708	366-716	366-727	366-738	366-753	366-770	
14			366-392	366-391					
16		366-704	366-709	366-717	366-728	366-739	366-754	366-771	366-793
18			366-327	366-357	366-333	366-337	366-342	366-351	366-353
20		366-323	366-1328	366-718	366-729	366-740	366-755	366-772	366-794
22				366-331	366-334	366-338	366-343	366-352	366-354
25		366-324	366-1003	366-719	366-730	366-741	366-756	366-773	366-795
30			366-1004	366-1005	366-1009	366-742	366-757	366-774	366-796
35					366-1346		366-1352	366-775	366-797
40				366-1006	366-1010		366-W04-1W	366-776	366-798
45									366-799
50				366-1007	366-1011	366-1015	366-1020	366-1026	366-W13-1N
60				366-1008	366-1012	366-1016	366-1021	366-1027	366-1033
70					366-1013	366-1017	366-1022	366-1028	366-1034
75								366-1348	
80						366-1018	366-1023	366-1029	366-1035
90						366-1306	366-1024	366-1030	
100						366-1307	366-1025	366-1031	366-1037

Contact Sales Desk For Package Quantities

Continues on Next Page

ASSORTMENT 805-500

DIN 912

24 Sizes
500 Pieces

METRIC

**Hex Socket Cap Screws
Property Class 12.9**

Alloy Steel Not Plated

Contains Full and Partial
Metric Regular Coarse Threads

Put up in Grey Enamelled
Steel Drawer. Drawer will
fit into Slide Racks shown
on page A2

Shipping Weight:
5.44 kg (12 lbs.)



For the complete assortment contents turn to A53

Socket Head Cap Screws

Vis à tête à six pans creux



Metric

Métrique

B



DIN 912

This Standard has been replaced. Please see Catalog Page R21 for more information.

**FULLY
THREADED**

Property Class **12.9** – Plain Finish

ISO Regular **COARSE Metric** Thread

Alloy Steel, Heat-treated

Tensile Strength **1220 N/mm²** min. (Approx. 180,000 PSI - For Reference Only.)

Diameter	M14	M16	M18	M20	M22	M24	M27	M30	M33	M36
Pitch	2.00	2.00	2.50	2.50	2.50	3.00	3.00	3.50	3.50	4.00
Key	12 mm	14 mm	14 mm	17 mm	17 mm	19 mm	19 mm	22 mm	24 mm	27 mm
Length	ORDER BY SPAENAUR NUMBERS LISTED BELOW									
	Continued from Previous Page									
20	366-674	366-924								
25	366-675	366-925								
30	366-676	366-815	366-697	366-933						
35	366-677	366-816	366-698	366-834						
40	366-678	366-817	366-699	366-835	366-974	366-941				
45	366-679	366-818	366-961	366-836	366-975	366-942				
50	366-W38-1T	366-819	366-962	366-837	366-976	366-852		366-330		
55	366-681	366-820	366-963	366-838		366-853				
60		366-1038	366-1333	366-839	366-977	366-854		366-873		
65		366-1350		366-1325		366-855				
70		366-1039		366-1041	366-978	366-W41-1K	366-985	366-867	366-362	366-378
75				366-386		366-1337				
80							366-986	366-868	366-363	366-950
90				366-387				366-1323		366-951
100									366-365	366-952
110										366-373
140			366-1040							

Contact Sales Desk For Package Quantities
See page B226 for ISO FINE Metric Thread

For Hex & Specialty Key Sets see Page P2-12



B222

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Metric

Métrique



Socket Head Cap Screws

Vis à tête à six pans creux



DIN 912

This Standard has been replaced. Please see Catalog Page R21 for more information.

**PARTIALLY
THREADED**

Property Class 12.9 – Plain Finish

ISO Regular COARSE Metric Thread

Alloy Steel, Heat-treated

Tensile Strength **1220 N/mm²** min. (Approx. 180,000 PSI - For Reference Only.)

Diameter	M3	M4	M5	M6	M8	M10	M12
Pitch	0.50	0.70	0.80	1.00	1.25	1.50	1.75
Key	2.5 mm	3 mm	4 mm	5 mm	6 mm	8 mm	10 mm
Length	ORDER BY SPAENAUR NUMBERS LISTED BELOW						
22	366-328						
25	366-711						
30	366-712	366-720	366-731				
35	366-397	366-721	366-732	366-743			
40	366-398	366-722	366-733	366-744	366-759		
45	366-399	366-723	366-734	366-W14-1T	366-760	366-777	
50	366-329	366-724	366-735	366-746	366-761	366-778	
55		366-882	366-335	366-747	366-762	366-779	366-801
60		366-883	366-887	366-748	366-763	366-780	366-802
65		366-884	366-888	366-749	366-764	366-781	366-803
70		366-885	366-889	366-750	366-765	366-782	366-804
75			366-890	366-751	366-766	366-783	366-805
80		366-886	366-891	366-896	366-767	366-784	366-806
85						366-1340	
90			366-892	366-897	366-768	366-785	366-W30-1W
100		366-1329	366-893	366-898	366-769	366-786	366-808
110			366-894	366-899	366-901	366-787	366-809
120			366-895	366-900	366-902	366-788	366-810
130				366-339	366-903	366-789	366-811
140				366-340	366-904	366-790	366-812
150				366-341	366-905	366-791	366-813
160					366-906	366-909	366-814
170					366-344		
180					366-907	366-910	366-917
200					366-908	366-911	366-918
220					366-345	366-912	366-919
240					366-346	366-913	366-920
260					366-347	366-914	366-921
280					366-348	366-915	366-922
300					366-349	366-916	366-923

Contact Sales Desk For Package Quantities

Continues on Next Page

See page B226 for ISO FINE Metric Thread. See Page B225 for Zinc and Yellow Zinc Plated

See Tools Section P for Inch and Metric Hex Keys, Bits and Drivers

B

Socket Head Cap Screws

Vis à tête à six pans creux



Metric

Métrique

B



DIN 912

This Standard has been replaced. Please see Catalog Page R21 for more information.

**PARTIALLY
THREADED**

Property Class **12.9** – Plain Finish

ISO Regular **COARSE Metric** Thread

Alloy Steel, Heat-treated

Tensile Strength **1220 N/mm²** min. (Approx. 180,000 PSI - For Reference Only.)

Diameter	M14	M16	M18	M20	M22	M24	M27	M30	M33	M36
Pitch	2.00	2.00	2.50	2.50	2.50	3.00	3.00	3.50	3.50	4.00
Key	12 mm	14 mm	14 mm	17 mm	17 mm	19 mm	19 mm	22 mm	24 mm	27 mm
Length	ORDER BY SPAENAUR NUMBERS LISTED BELOW									
	Continued from Previous Page									
60	366-682									
65	366-683	366-822								
70	366-684	366-823	366-998							
75	366-685	366-824	366-999	366-842						
80	366-686	366-825	366-965	366-843	366-979	366-858				
90	366-687	366-826	366-966	366-844	366-980	366-859				
100	366-688	366-W28-1W	366-967	366-845	366-981	366-860	366-988	366-869		
110	366-689	366-828	366-968	366-846	366-982	366-861	366-382	366-358		
120	366-690	366-829	366-969	366-847	366-983	366-862	366-989	366-870	366-366	366-W42-1W
130	366-691	366-830	366-W35-1Y	366-848		366-863		366-359		366-374
140	366-692	366-831	366-971	366-849		366-864	366-990	366-871	366-367	366-954
150	366-693	366-832	366-356	366-850		366-865		366-360		366-375
160	366-694	366-833	366-972	366-851		366-866	366-991	366-872		366-955
180	366-695	366-926	366-973	366-934		366-943	366-992	366-875	366-369	366-956
200	366-696	366-927	366-187	366-935	366-W32-1X	366-944	366-993	366-876	366-370	366-957
220		366-928		366-936		366-945	366-381	366-877		366-376
240		366-929		366-937		366-946	366-994	366-878	366-371	366-958
250								366-297		
260		366-930		366-938		366-947	366-995	366-879		366-959
280		366-931		366-939		366-948	366-380	366-361		366-377
300		366-932		366-940		366-949	366-W40-1T	366-880	366-372	366-960
320				366-188						
400							366-997	366-881		
440						366-645				

Diameter	M42	M48
Pitch	4.50	5.00
Key	32 mm	36 mm
Length	SPAENAUR No.	
160		366-1321
240	366-1314	

Contact Sales Desk For Package Quantities

Metric
Métrique



Socket Head Cap Screws
Vis à tête à six pans creux

Property Class 12.9 Zinc and Yellow Zinc Plated

DIN 912

This Standard has been replaced. Please see Catalog Page R21 for more information.

ISO Regular
COARSE Metric Thread

Alloy Steel, Heat-treated

Tensile Strength **1220 N/mm²** min. (Approx. 180,000 PSI - For Reference Only.)



Fully Threaded Yellow Zinc Plated (unless noted with a Symbol)

DIA.	M3	M4	M5	M6	M8	M10	M12	M16
Pitch	0.50	0.70	0.80	1.00	1.25	1.50	1.75	2.00
Key	2.5 mm	3 mm	4 mm	5 mm	6 mm	8 mm	10 mm	14 mm
Length	ORDER BY SPAENAUR NUMBERS LISTED BELOW							
5	366-W09-1Y	366-393YZ						
6	366-W21-1A		366-332YZ					
		366-W17-1M						
8	366-W44-1X		366-725YZ					
		366-714YZ						
10	366-W43-1M		366-W11-1Y	366-737YZ				
	*366-707ZP	366-715YZ						
12	366-708YZ	*366-716ZP						
16	366-W45-1A		366-W16-1W	366-738YZ				
		366-W10-1P	366-W22-1P	366-W08-1P		*366-739ZP	*366-754ZP	
20		366-W07-1Y	366-W18-1X			*366-755ZP		
		*366-718ZP					366-794YZ	
25			366-730YZ	*366-741ZP				
		366-719YZ						
30							*366-796ZP	
				366-742YZ		366-774YZ		
45		366-1338YZ						
50		366-1007YZ						
55								*366-820ZP
70			366-1013YZ					

* Zinc Plated



Partially Threaded Yellow Zinc Plated (unless noted with a Symbol)

DIA.	M3	M4	M5	M6	M8	M10	M12	M16
Pitch	0.50	0.70	0.80	1.00	1.25	1.50	1.75	2.00
Key	2.5 mm	3 mm	4 mm	5 mm	6 mm	8 mm	10 mm	14 mm
Length	ORDER BY SPAENAUR NUMBERS LISTED BELOW							
30			366-731YZ					
45		366-723YZ						
50		366-724YZ				*366-W36-1C		
55		*366-882ZP						
60							*366-802ZP	
70						*366-782ZP		

* Zinc Plated

Contact Sales Desk For Package Quantities

CATALOG 14
SPAENAUR

B

Socket Head Cap Screws

Vis à tête à six pans creux



Metric

Métrique

B

Property Class 12.9

DIN 912

This Standard has been replaced. Please see Catalog Page R21 for more information.

Plain Finish

ISO FINE Metric Thread

Alloy Steel, Heat-treated

Tensile Strength **1220 N/mm²** min. (Approx. 180,000 PSI - For Reference Only.)

Fully Threaded



DIA.	M8	M10	M10	M12	M12	M16	M20
Pitch	1.00	1.00	1.25	1.25	1.50	1.50	1.50
Key	6 mm	8 mm	8 mm	10 mm	10 mm	14 mm	17 mm
Length	ORDER BY SPAENAUR NUMBERS LISTED BELOW.						
16	366-012						
20	366-139	366-1302	366-1300				
25	366-165	366-616	366-1163		366-1288		
30	366-186	366-1014	366-1164		366-1289	366-1295	
35			366-1166		366-1290		
40		366-1048	366-1245		366-1291	366-1296	
45					366-1292		
50					366-1293	366-1297	
55							366-388
60	366-477					366-1298	

Partially Threaded



DIA.	M8	M10	M10	M12	M12	M16	M20
Pitch	1.00	1.00	1.25	1.25	1.50	1.50	1.50
Key	6 mm	8 mm	8 mm	10 mm	10 mm	14 mm	17 mm
	ORDER BY SPAENAUR NUMBERS LISTED BELOW.						
40	366-355						
45							
50	366-384	366-1149	366-1260				
55							
60		366-1159	366-1287		366-1294		
70						366-1299	
80						366-1301	
100						366-1303	
130				366-1343			
310				366-1349			

Contact Sales Desk For Package Quantities



Page **A54**

ASSORTIMENT **805-467**

METRIC HEX SOCKET CAP SCREWS
A2 Stainless Steel
(with Alloy Steel Keys)

Metric, Type **DIN 912**

27 KINDS - 580 PIECES (incl. Keys)
 REGULAR SIZE grey enamelled steel drawer will fit Slide Racks shown page A2.
 Shipping weight: **9.3 kg** (20.5 lbs.)

Metric

Métrique



Socket Head Cap Screws

Vis à tête à six pans creux

DIN 912		This Standard has been replaced. Please see Catalog Page R21 for more information.		A2 Stainless Steel							ISO Regular	
Fully Threaded		Metric Thread							COARSE			
DIA.	M2	M2.5	M3	M4	M5	M6	M8	M10	M12	M16	M20	M24
Pitch	0.40	0.45	0.50	0.70	0.80	1.00	1.25	1.50	1.75	2.00	2.50	3.00
Key	1.5 mm	2 mm	2.5 mm	3 mm	4 mm	5 mm	6 mm	8 mm	10 mm	14 mm	17 mm	19 mm
Length	373-108											
3	373-108											
4	373-109	373-B25-1M	373-122									
5	373-110	373-115	373-123	373-129								
6	373-091	373-116	373-B14-1X	373-130	373-135							
8	373-111	373-117	373-001	373-131	373-136	373-143						
10	373-092	373-118	373-B23-1K	373-006	373-B15-1A	373-144	373-155					
12	373-112	373-119	373-B05-1K	373-007	373-016	373-026	373-156					
16	373-B13-1M	373-120	373-004	373-008	373-017	373-027	373-038	373-169				
18				373-132	373-137	373-145	373-B19-1N					
20		373-121	373-005	373-009	373-B12-1W	373-028	373-039	373-053	373-066			
22					373-138	373-146	373-158					
25				373-B21-1N	373-019	373-029	373-040	373-054	373-067	373-186		
30				373-474		373-030	373-041	373-055	373-068	373-079		
35						373-478	373-042	373-056	373-069	373-187		
40								373-057	373-070	373-080	373-086	
45									373-071	373-105	373-197	
50									373-072	373-081	373-087	373-102
55										373-188	373-198	373-103
60										373-106	373-199	

B

DIN 912		This Standard has been replaced. Please see Catalog Page R21 for more information.		A2 Stainless Steel							ISO Regular	
Partially Threaded		Metric Thread							COARSE			
DIA.	M2	M2.5	M3	M4	M5	M6	M8	M10	M12	M16	M20	M24
Pitch	0.40	0.45	0.50	0.70	0.80	1.00	1.25	1.50	1.75	2.00	2.50	3.00
Key	1.5 mm	2 mm	2.5 mm	3 mm	4 mm	5 mm	6 mm	8 mm	10 mm	14 mm	17 mm	19 mm
Length			373-093									
25			373-093									
30			373-126	373-011	373-020							
35			373-127	373-012	373-B24-1W	373-031						
40			373-128	373-013	373-022	373-032	373-043					
45				373-133	373-090	373-033	373-044	373-058				
50				373-134	373-094	373-034	373-045	373-059				
55					373-139	373-095	373-159	373-170	373-178			
60					373-140	373-096	373-046	373-060	373-073			
65						373-147	373-160	373-B07-1N	373-179	373-107		
70					373-141	373-097	373-161	373-061	373-074	373-082	373-088	
75						373-148	373-162	373-172	373-B09-1K	373-190		
80					373-142	373-098	373-B01-1M	373-062	373-075	373-191	373-238	373-250
90						373-149	373-101	373-063	373-104	373-083	373-239	373-251
100						373-099	373-163	373-064	373-B11-1K	373-084	373-089	373-252
110						373-150	373-164	373-173	373-181		373-240	373-253
120						373-151	373-165	373-174	373-182	373-193		373-254
130						373-152	373-166	373-175	373-183	373-194		
140						373-153	373-167	373-176	373-184	373-195	373-243	
150						373-154	373-168	373-177	373-185	373-196	373-244	373-255
160											373-245	
180											373-246	
200											373-247	

CATALOG 14 SPAENAUR

Socket Head Cap Screws

Vis à tête à six pans creux



Metric

Métrique

A4
Stainless Steel

ISO Regular
COARSE Metric Thread

DIN 912

This Standard has been replaced. Please see Catalog Page R21 for more information.

Fully Threaded



DIA.	M5	M6	M8	M10	M12	M16	M20
Pitch	0.80	1.00	1.25	1.50	1.75	2.00	2.50
Key	4 mm	5 mm	6 mm	8 mm	10 mm	14 mm	17 mm
Length	ORDER BY SPAENAUR NUMBERS LISTED BELOW						
8	373-400						
10		373-422	373-403				
12	373-B22-1T		373-404				
16		373-402	373-405	373-409			
20		373-476	373-406	373-410			
25				373-411	373-417		
30				373-412	373-418		
35				373-413		373-420	
40					373-419		
45					373-423		
50					373-469		
60							373-421

Partially Threaded



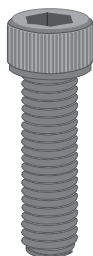
DIA.	M5	M6	M8	M10	M12	M16	M20
Pitch	0.80	1.00	1.25	1.50	1.75	2.00	2.50
Key	4 mm	5 mm	6 mm	8 mm	10 mm	14 mm	17 mm
Length	ORDER BY SPAENAUR NUMBERS LISTED BELOW						
40		373-429					
45				373-B28-1P			
50							
55			373-407		373-470		
60							
80					373-424		
90			373-408	373-415			

Contact Sales Desk
For Package Quantities

Nylon 6/6
Natural Finish

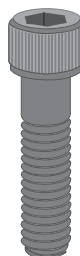
ISO Regular
COARSE Metric Thread

Fully Threaded



DIA.	M8	M10	M12
Pitch	1.25	1.50	1.75
Key	6 mm	8 mm	10 mm
Length	ORDER BY SPAENAUR NUMBERS LISTED BELOW		
15		375-007	
16	375-002	375-008	
30	375-M01-1P	375-009	375-015
50			375-016

Partially Threaded



DIA.	M8	M10	M12
Pitch	1.25	1.50	1.75
Key	6 mm	8 mm	10 mm
Length	ORDER BY SPAENAUR NUMBERS LISTED BELOW		
50	375-004	375-010	
60	375-005	375-011	375-017
80	375-006	375-012	375-018

Contact Sales Desk For Package Quantities

Metric
Métrique



Socket Head Cap Screws

Vis à tête à six pans creux



ISO 7380

Property Class 10.9 – Plain Finish BUTTON HEAD

ISO Regular COARSE Metric Thread

PKG QTY. 50

Medium Carbon Alloy - Not Plated Product Hardness (Rockwell) Min. C32 Max. C39
Tensile Strength **1040 N/mm²** min. (Approx. 150,000 PSI - For Reference Only.)

DIA.	M3	M4	M5	M6	M8	M10	M12	
Pitch	0.50	0.70	0.80	1.00	1.25	1.50	1.75	
Key	2 mm	2.5 mm	3 mm	4 mm	5 mm	6 mm	8 mm	
Length	ORDER BY SPAENAUR NUMBERS LISTED BELOW							
5	366-654							Additional finishes available of ISO 7380-1 Zinc Plated 366-656ZP M3 x 0.50 x 8 366-312ZP M4 x 0.70 x 12 366-613ZP M6 x 1.00 x 12 Yellow Zinc Plated 366-W06-1M M3 x 0.50 x 6 366-W15-1K M3 x 0.50 x 8 366-657YZ M3 x 0.50 x 10 366-659YZ M3 x 0.50 x 16 366-309YZ M4 x 0.70 x 6 366-310YZ M4 x 0.70 x 8 366-311YZ M4 x 0.70 x 10 366-312YZ M4 x 0.70 x 12 366-606YZ M5 x 0.80 x 25 366-613YZ M6 x 1.00 x 12 366-619YZ M6 x 1.00 x 30 366-629YZ M8 x 1.25 x 20
6	366-W01-1N	366-W27-1K	366-379	366-010				
8	366-656	366-310	366-623	366-1247				
10	366-657	366-311	366-600	366-612	366-624			
12	366-658	366-312	366-601	366-613	366-625			
14			366-602	366-614	366-626			
16	366-659	366-313	366-603	366-615	366-627	366-636		
18			366-604	366-277	366-628	366-291		
20	366-307	366-314	366-605	366-W02-1T	366-629	366-W23-1Y	366-646	
22			366-637	366-279				
25	366-308	366-315	366-606	366-618	366-630	366-639	366-647	
30		366-316	366-607	366-619	366-631	366-640	366-648	
35				366-620	366-632	366-641	366-649	
40				366-621	366-633	366-642	366-W25-1N	
45				366-622	366-634		366-651	
50				366-655		366-644	366-652	

PKG QTY. 50

A2 Stainless Steel

DIA.	M3	M4	M5	M6	M8	M10
Pitch	0.50	0.70	0.80	1.00	1.25	1.50
Key	2 mm	2.5 mm	3 mm	4 mm	5 mm	6 mm
6	373-B16-1P					
8	373-317	373-302	373-306	373-321		
10	373-301	373-303	373-307	373-023	373-323	
12	373-318	373-304	373-308	373-312	373-B18-1C	
16	373-319	373-305	373-309	373-322	373-325	373-329
20			373-B03-1A	373-313	373-326	373-330
25			373-311	373-314	373-327	373-331
30			373-320	373-315	373-328	373-332
45					373-316	

Although 10.9 Material is the same as Socket Head Cap Screws, Button and Flat Heads are not as strong.

ASSORTMENT
ASSORTIMENT 805-477

ISO 7380
Not Plated

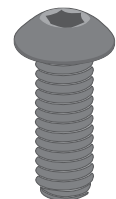
24 Sizes - 720 Pieces
Regular Coarse Thread

METRIC BUTTON HEAD
Hex Socket Cap Screws

Property Class 10.9 Steel

REGULAR SIZE grey enamelled steel drawer
will fit Slide Racks shown page A2.

Shipping weight: **6.8 kg** (15 lbs.)



For the complete assortment contents turn to A54

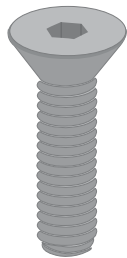
Socket Head Cap Screws

Vis à tête à six pans creux



Metric

Métrique



DIN 7991

Fully Threaded

Property Class **10.9** – Plain Finish

ISO Regular COARSE Metric Thread

90° COUNTERSUNK FLAT HEAD

(60° Countersunk Flat Head on sizes above M20)

Alloy Steel, Heat-treated

Tensile Strength **1040 N/mm²** min. (Approx. 150,000 PSI - For Reference Only.)

B

DIA.	M2	M2.5	M3	M4	M5	M6	M8	M10	M12	M14	M16	M20	M24
Pitch	0.40	0.45	0.50	0.70	0.80	1.00	1.25	1.50	1.75	2.00	2.00	2.50	3.00
Key	0.9 mm	1.3 mm	2 mm	2.5 mm	3 mm	4 mm	5 mm	6 mm	8 mm	10 mm	10 mm	12 mm	14 mm
Length	ORDER BY SPAENAUR NUMBERS LISTED BELOW												
4	366-394												
5	366-395	366-458	366-463										
6	366-317	366-459	366-464	366-466	366-582								
8	366-396	366-460	~366-319	366-466	366-583	366-584							
10	366-456	366-461	~366-566	~366-573	~366-500	366-509	366-W26-1T						
12	366-457	366-462	~366-567	~366-574	~366-501	366-510	366-474	366-478					
14			366-608			366-609							
16		366-479	~366-568	366-575	366-503	~366-512	366-519	~366-526					
18			366-569	366-576	366-504	366-513	366-520	366-527	366-611				
20			366-570	366-577	366-505	~366-514	366-521	366-528	366-536				
22			366-465	366-467	366-470	366-473	366-475	366-480					
25			366-571	366-W34-1P	366-506	366-515	366-522	366-529	366-W24-1C		366-1049		
30			366-572	366-579	~366-507	~366-516	366-523	366-499	366-538	366-483	366-545		
35				366-580	366-508	366-517	366-524	366-530	~366-539	366-484	366-W31-1M	366-554	
40				366-581	366-586	366-589	366-595	~366-531	366-540	366-485	366-547	366-555	366-1056
45				366-1324	~366-587	366-590	366-596	366-532	366-541	366-486	366-548	366-556	366-1057
50					366-588	366-591	366-597		366-542	366-487	366-549	366-557	366-1058
55					366-W03-1K	366-592	366-598	366-1304	366-543	366-1042	366-550	366-1051	366-1059
60					366-1341	366-593	366-599				366-551	366-558	366-1060
65							366-1330	366-1322					
70							366-594	366-1310				366-559	366-1061
72								366-1360					
80							366-1327	366-1361	366-1345				366-1062
90								366-1305	366-1344				366-1063
100								366-1427	366-1424	366-1339			
140													366-1342
	PKG QTY. 50						PKG QTY. 25				PKG QTY. 10		

~ An approximate DIN

See following page for longer lengths, partially threaded

Additional Property Class and Finishes of DIN 7991 – Fully Threaded

	PKG QTY.		PKG QTY.
366-464YZ M3 x 0.50 x 6 mm, Yellow Zinc Plated	50	366-501ZP M5 x 0.80 x 12 mm, Zinc Plated	50
366-W05-1M M4 x 0.70 x 12 mm, Yellow Zinc Plated	50	366-507ZP M5 x 0.80 x 30 mm, Zinc Plated	50
366-575YZ M4 x 0.70 x 16 mm, Yellow Zinc Plated	50	366-512ZP M6 x 1.00 x 16 mm, Zinc Plated	50
366-523YZ M8 x 1.25 x 30mm, Yellow Zinc Plated	50	366-514ZP M6 x 1.00 x 20 mm, Zinc Plated	50
367-390 M20 x 2.50 x 50 mm, Property Class 8.8, Plain	10	366-526ZP M10 x 1.50 x 16 mm, Zinc Plated	50
		366-531ZP M10 x 1.50 x 40 mm, Zinc Plated	50
		366-539ZP M12 x 1.75 x 35 mm, Zinc Plated	50

Although 10.9 Material is the same as Socket Head Cap Screws, Button and Flat Heads are not as strong.

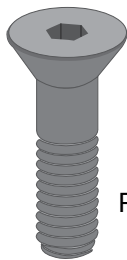
Metric

Métrique



Socket Head Cap Screws / Assortment

Vis à tête à six pans creux / Assortiment



Property Class 10.9 – Plain Finish

DIN 7991

This Standard has been replaced. Please see Catalog Page R21 for more information.

ISO Regular COARSE Metric Thread

90° COUNTERSUNK FLAT HEAD

Partially Threaded

(60° Countersunk Flat Head on sizes above M20)

Alloy Steel, Heat-treated

Tensile Strength **1040 N/mm²** min. (Approx. 150,000 PSI - For Reference Only.)

DIA.	M6	M8	M10	M12	M14	M16	M20	M24
Pitch	1.00	1.25	1.50	1.75	2.00	2.00	2.50	3.00
Key	4 mm	5 mm	6 mm	8 mm	10 mm	10 mm	12 mm	14 mm
Length	ORDER BY SPAENAUR NUMBERS LISTED BELOW							
50			366-533					
55			366-534					
60			366-535	366-544	366-1043			
65				366-390				
70		366-564	366-490	366-585	366-1044	366-552		
80	366-563	366-565	366-491	366-494	366-1045	366-553	366-560	
90			366-492	366-495	366-1046	366-497	366-561	
100		366-489	366-493	366-496	366-1047	366-498	366-562	366-1064
110								366-1065
120			366-1425			366-1050	366-1052	366-1066
140							366-1053	
160							366-1054	

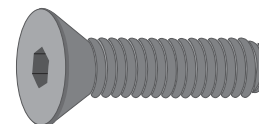
Although 10.9 Material is the same as Socket Head Cap Screws, Button and Flat Heads are not as strong.

Contact Sales Desk For Package Quantities

ASSORTMENT 805-538

DIN 7991

This Standard has been replaced. Please see Catalog Page R21 for more information.



HEX SOCKET FLAT HEAD CAP SCREWS

Property Class 10.9

Fully Threaded Metric Coarse Thread
Countersunk Flat Head

**22 SIZES
545 PIECES**

Not Plated

Furnished in Regular Size grey enamel steel drawer with hinged drawer with hinged lid and catch.

Drawer will fit into Slide Racks shown on page A2.



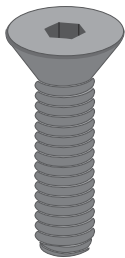
Spaenaur No.	Thread Size	Bolt Length	Qty.	Page
366-566	M3 x 0.50	10mm	50	B230
366-568		16mm		
366-571		25mm		
366-574	M4 x 0.70	12mm	25	
366-577		20mm		
366-579		30mm		
366-581		40mm	20	
366-583	M5 x 0.80	8mm	25	
366-501		12mm		
366-505		20mm		
366-506		25mm		
366-507		30mm	20	
366-509	M6 x 1.00	10mm	25	
366-512		16mm		
366-515		25mm		
366-517		35mm	20	
366-519	M8 x 1.25	16mm		
366-520		18mm		
366-521		20mm		
366-523		30mm		
366-526	M10 x 1.50	16mm	15	
366-529		25mm		

Socket Head Cap Screws

Vis à tête à six pans creux



Metric
Métrique



DIN 7991

This Standard has been replaced. Please see Catalog Page R21 for more information.

Fully or Partially Threaded our option.

A2 Stainless Steel

ISO Regular COARSE Metric Thread

90° COUNTERSUNK FLAT HEAD

(60° Countersunk Flat Head on sizes above M20)

DIA.	M3	M4	M5	M6	M8	M10	M12	M16	M20
Pitch	0.50	0.70	0.80	1.00	1.25	1.50	1.75	2.00	2.50
Key	2 mm	2.5 mm	3 mm	4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Length	ORDER BY SPAENAUR NUMBERS LISTED BELOW								
6	373-B04-1P	373-263							
8	373-257	373-200	373-B10-1T	373-272					
10	373-235	373-201	373-205	373-B17-1Y					
12	373-258	373-202	373-206	373-212	373-B26-1X				
16	373-259	373-B20-1C	373-207	373-213	373-217	373-285			
20	373-260	373-204	373-208	373-B08-1T	373-218	373-222	373-226		
25	*373-261	373-231	373-209	373-215	373-219	373-223	373-227	373-343	
30	373-262	373-264	373-210	373-216	373-220	373-224	373-228	373-344	
35		373-265	373-267	373-273	373-280	373-014	373-293	373-345	
						*373-340			
40		373-233	373-268	373-B27-1A	373-221	373-225	373-229	373-346	373-354
45			373-269	*373-274	373-281	373-286	373-294	373-347	373-355
50			373-270	373-275		373-287	373-295	373-348	373-356
60			373-271	*373-276		373-288	373-296		373-333
70				373-277	373-283	373-289	373-297		
						♦373-357			
80					▲373-284	373-290			
90						373-291	373-299		
100						373-292	373-341		
						♦373-358			
• 373-480 Partially Threaded ◀ 373-481 Partially Threaded * 373-360 Partially Threaded * A4 ■ 373-556 Partially Threaded ▲ 373-555 Partially Threaded ♦ Partially Threaded									

B

ASSORTMENT
ASSORTIMENT **805-489**

Metric DIN 7379

Hex Socket Shoulder Screws

Property Class 12.9
Alloy Steel - Plain Finish

Metric Regular
(Coarse) Thread

24 Sizes — 107 Pieces

Furnished in Regular Size grey enamelled steel drawer with hinged lid and catch.

Drawer will fit into Slide Racks shown on page A2.

Shipping Weight: 4.19 kg (9-1/4 lbs.)



For the complete assortment contents turn to A55

B232