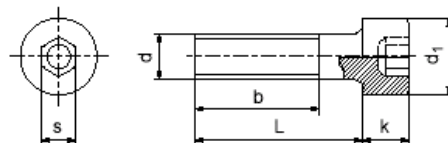


Keywords:

Name: Hexagon socket head cap screws
Description: SCREW HXS CAP STL A2C (d)X(L)
Material: Steel class 12.9
Surface treatment: zinc plated, yellow passivated (acc to NEN-ISO 4042)
Additional treatment: against hydrogen embrittlement
Hardness: -
Standard: DIN 912 (in future ISO 4762), manufacturer UNBRAKO
Technical Background information:

- o Counterbore [TBI 01 0302](#)
- o Torque [TBI 01 0301](#)



Applicable to: -

d	M3	M4	M5	M6	M8	M10	M12	M16	M20	M24
pitch	0,5	0,7	0,8	1	1,25	1,5	1,75	2	2,5	3
b _{min}	18	20	22	24	28	32	36	44	52	60
d ₁	5,5	7	8,5	10	13	16	18	24	30	36
k _{nom}	3	4	5	6	8	10	12	16	20	24
s _{nom}	2,5	3	4	5	6	8	10	14	17	19

L	12NC: 4022.439.									
3										
4										
5	90739	90839								
6	90741	90841	90941							
8	90742	90842	90942	91042						
10	90743	90843	90943	91043	91143	91243**				
12	90744	90844	90944	91044	91144	(91244**)	(91344**)			
16	90745	90845	90945	91045	91145	91245	91345			
20	90746	90846	90946	91046	91146	91246	91346			
25	90747	90847	90947	91047	91147	91247	91347	91447		
30	90748	90848	90948	91048	91148	91248	91348	91448	91548	
35		90849	90949	91049	91149	91249	91349	(91449)	(91549)	
40	90751*	90851	90951	91051	91151	91251	91351	91451	91551	
45	90752*	90266	90952	91052	91152	91252	(91352)	91452	(91552)	(91652)
50		90853	90953	91053	91153	91253	91353	91453	91553	(91653)
55	90267*	90854	90731	91054	91154	91254	(91354)	91454	91554	(91654)
60	90278*	90855	90955	91055	91155	91255	91355	91455	(91555)	(91655)
65			90241		91165	(91265)	(91365)	91465	91565	(91665)
70		90856*	90956	91056	91156	(91256)	91356	91456	91556	(91656)
80			90237*	91057	91157	91257	91357	91457	91557	(91657)
90				91058	91158	91258	91358	91458	91558	(91658)
100				91059	91159	91259	91359	91459	91559	(91659)
110					91160					
120				91062	91162	91262				

Above the ——— fully threaded, thread run out according DIN 912. (Thread run out = max. 3 x pitch)

* Note: Not in ISO and/or DIN; Manufacturer not UNBRAKO

** Note: Not in ISO and/or DIN; Manufacturer UNBRAKO

() : long leadtime item (last updated 2009-01-06)

Status: Under change control

Superseded: SMC 10 0121 dd: 2011-11-15

Page 1 of 2

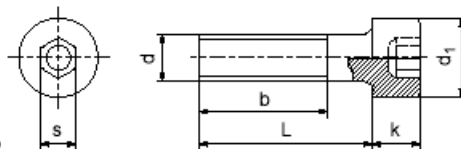
Last update: 2013-11-20

Revision: 15

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s _{nom}	2,5	3	4	5	6	8	10	14	17	19

L	12NC: 4022.439.									
130					90235	90684		90183		
140					90262			90203**		
150										
160					90205**	91267				
180						90204**	90206**	90202**		
200								90265		
220								91471		
240							(91369)			

* Note: Not in ISO and/or DIN; Manufacturer not UNBRAKO

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