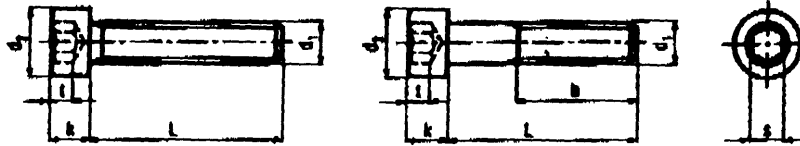


UNIT N2 GILDERSOME SPUR
 WAKEFIELD ROAD MORLEY LEEDS
 WEST YORKSHIRE LS27 7JZ
 TEL: 01132 383632 FAX: 01132 383064
 e-mail: fasteners@barlowfasteners.co.uk
 URL: http://www.barlowfasteners.co.uk

Socket head cap screws

DIN 912 12.9
 ISO 4762
 -ANSI B 18.3.1 M

M7 black/fully threaded
 M8 black/partially threaded
 M11 zinc plated/fully threaded
 M12 zinc plated/partially threaded
 M1410 decromet pl./fully threaded
 M1420 decromet pl./partially threaded



717 9492

Material: Steel
 Property class: 12.9

717-8499

Tensile strength R_m : 1200 MPa (174000 psi)
 Yield strength $R_{p0.2}$: 1080 MPa (156800 psi)

717-8529

d1	(M1.6)	M1.6	(M1.7)	M2	(M2.5)	M2.5	(M2.6)	M3	M4	M5	M6	M8	M10
d2	2.5	3	3.2	3.6	4	4.5	5	5.5	7	8.5	10	13	16
b Nom. length		16		18		17		18	20	22	24	28	32
h	1.4	1.6	1.7	2	2.3	2.5	2.6	3	4	5	6	8	10
s	1.3	1.5	1.5	1.5	2	2	2	2.5	3	4	5	6	8
l min.	0.8	0.7	0.8	1	1.2	1.1	1.2	1.3	2	2.5	3	4	5
Proof load (N)		1210		1970		3280		4860	8520	13800	19500	35900	56300

d1	M12	(M14)	M16	(M18)	M20	(M22)	M24	(M27)	M30	(M33)	M36	(M42)	(M48)
d2	18	21	24	27	30	33	36	40	45	50	54	63	72
b Nom. length	36	40	44	48	52	56	60	66	72	78	84	96	108
h	12	14	16	18	20	22	24	27	30	33	36	42	48
s	10	12	14	14	17	17	18	19	22	24	27	32	36
l min.	8	7	8	9.8	10	11	12	13.8	15.5	18	19	24	28
Proof load (N)	81800	112000	152000	198000	258000	284000	342000	449000	548000	673000	782000		

*Dimensional specs. acc. to DIN 912

For additional information on DIN-ANSI/ISO comparisons see technical section T

717-9698.

- Table of weights see section T
- DIN 912 S.S see page 1004-1011
- Flange socket head screws see page 1.022-1.023

See page 1.048-1.050

As a result of the electroplating process, fasteners in property classes ≥ 10.9 (>HRG 31) are susceptible to hydrogen embrittlement. Decromet coating not only eliminates the risk of hydrogen embrittlement but also offers an excellent corrosion protection.



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SERCO-RYAN GROUP

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