

GRUB SCREW A4 METRIC STAINLESS STEEL



APPLICATION

Bremick® grub screws are used to securely locate or lock components within assemblies, providing reliable holding force without protruding heads in applications where a flush finish is required.

PRODUCT ATTRIBUTES

Material Class: Stainless Steel A4

Thread Form: Metric 6g

Standard: Complies to DIN 916:1980

Chemical Composition: Complies to ISO 3506-1:2020

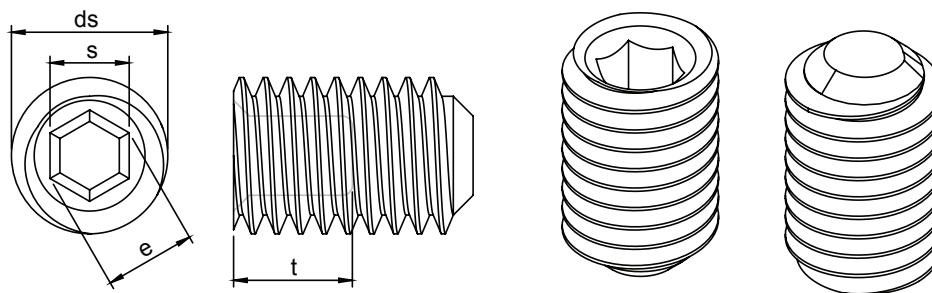
CHEMICAL COMPOSITION (%)

STAINLESS STEEL GRADE	C	Si	Mn	P	S	Cr	Mo	Ni	Cu
	MAX	MAX	MAX	MAX	MAX	RANGE	RANGE	RANGE	MAX
A4	0.08	1.00	2.00	0.045	0.030	16.0-18.5	2.00-3.00	10.0-15.0	4.0

MATERIAL INFORMATION

STAINLESS STEEL 316		
DESCRIPTION	OVERVIEW	CORROSION RESISTANCE
316 is a Marine Grade SS – It contains 2-3% Molybdenum which provides highest possible corrosion protection than 304 Stainless steel.	Bremick® 316 Stainless Steel provides the ultimate level of protection and is recommended for external application and marine environments.	Ultimate

DIMENSIONAL DATA (mm)



DIAMETER	PITCH (mm)	CUP POINT DIAMETER		ACROSS FLATS (s)		ACROSS CORNERS (e)	KEY ENGAGEMENT (t)	
NOMINAL	NOMINAL	MIN	MAX	MIN	MAX	MIN	MIN	MAX
M1.4	0.30	0.45	0.7	0.711	0.720	0.803	0.60	1.40
M1.6	0.35	0.55	0.8	0.711	0.724	0.803	0.70	1.50
M2	0.40	0.75	1	0.889	0.900	1.003	0.80	1.70
M2.5	0.45	0.95	1.2	1.27	1.295	1.427	1.20	2.00
M3	0.50	1.15	1.4	1.52	1.545	1.73	1.20	2.00
M4	0.70	1.75	2	2.02	2.045	2.30	1.50	2.50
M5	0.80	2.25	2.5	2.52	2.56	2.87	2.00	3.00
M6	1.00	2.75	3	3.02	3.08	3.44	2.00	3.50
M8	1.25	4.7	5	4.02	4.095	4.58	3.00	5.00
M10	1.50	5.70	6	5.02	5.095	5.72	4.00	6.00
M12	1.75	7.64	8	6.02	6.095	6.86	4.80	8.00
M16	2.00	9.64	10	8.025	8.115	9.15	6.40	10.00
M20	2.50	13.57	14	10.025	10.115	11.43	8.00	12.00
M24	3.00	15.57	16	12.032	12.142	13.72	10.00	15.00

SOCKET OR SPANNER SIZE (mm)

DIAMETER	M1.4	M1.6	M2	M2.5	M3	M4	M5	M6	M8	M10	M12	M16	M20	M24
SOCKET SIZE	0.7	0.7	0.9	1.3	1.5	2	2.5	3	4	5	6	8	10	12