

GRUB SCREW UNC 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 304
Thread Form:	Class 3A UNC Series
Standard:	Complies to ASME B18.3:2012
Mechanical Properties:	Complies to ASTM F880:2024
Chemical Composition:	Complies to ASTM F880:2024

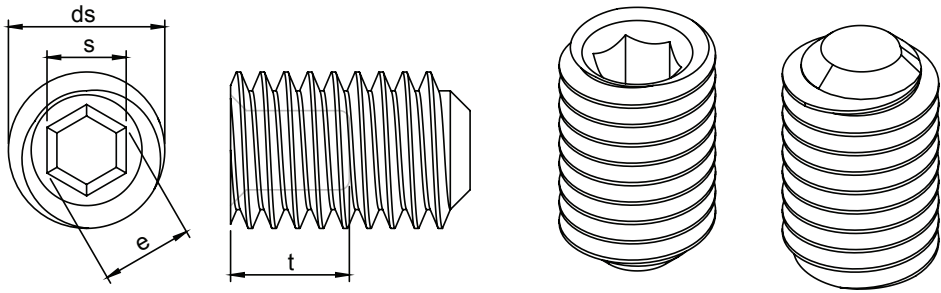
CHEMICAL COMPOSITION (%)

STAINLESS STEEL GRADE	C	Mn	P	S	Si	Cu	Ni	Cr
	MAX	MAX	MAX	MAX	MAX	MAX	RANGE	RANGE
304	0.08	2.00	0.045	0.030	1.00	1.00	8.0-10.5	18.0-20.0

MATERIAL INFORMATION

STAINLESS STEEL 304		
DESCRIPTION	OVERVIEW	CORROSION RESISTANCE
304 is the most commonly used stainless steel. It is an austenitic, offers excellent strength and corrosion resistance.	Bremick® 304 Stainless Steel provides an extreme level of protection and is recommended for wet external application. Bremick® 304 Stainless Steel is an austenitic stainless steel that offers all round performance.	Extreme

DIMENSIONAL DATA (inches)



DIAMETER	CUP POINT DIAMETER		ACROSS FLATS (s)	KEY ENGAGEMENT (t)
NOMINAL	MIN	MAX	NOMINAL	NOMINAL
#8	0.076	0.087	0.078	0.090
#10	0.088	0.102	0.094	0.100
1/4	0.118	0.132	0.125	0.125
5/16	0.156	0.172	0.156	0.156
3/8	0.194	0.212	0.188	0.188
7/16	0.232	0.252	0.219	0.219
1/2	0.270	0.291	0.250	0.250
5/8	0.347	0.371	0.312	0.312

SOCKET OR SPANNER SIZE (inches)

DIAMETER	#8	#10	1/4	5/16	3/8	7/16	1/2	5/8
SOCKET SIZE	5/64	3/32	1/8	5/32	3/16	7/32	1/4	5/16

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