

MACHINE SCREW A2-70
METRIC PAN PHILIPS
STAINLESS STEEL



APPLICATION

Bremick® Used in a variety of application they are designed for use in a pre-tapped hole or with a nut. The panhead protrudes above the surface eliminating the need for countersinking.

PRODUCT ATTRIBUTES

Material Class: Stainless Steel 304

Thread Form: 6g

Standard: Complies to DIN 7985:1990 - Type H

Mechanical Properties: Complies to ISO 3506-1:2020

Chemical Composition: Complies to ISO 3506-1:2020

MECHANICAL PROPERTIES

PROPERTIES	TENSILE STRENGTH (MPa)	STRESS AT 0.2% NON-PROPORTIONAL ELONGATION (MPa)	ELONGATION AFTER FRACTURE
	MIN	MIN	MIN
CLASS 70	700	450	0.4d

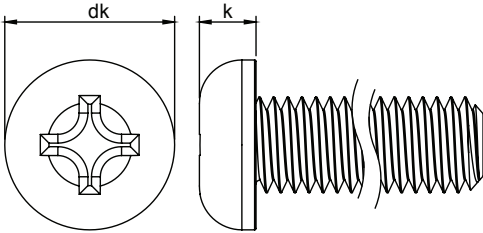
CHEMICAL COMPOSITION (%)

STAINLESS STEEL GRADE	C	Si	Mn	P	S	Cr	Mo	Ni	Cu
	MAX	MAX	MAX	MAX	MAX	RANGE	RANGE	RANGE	MAX
A2	0.10	1.00	2.00	0.050	0.030	15.0-20.0	-	8.0-19.0	4.0

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 (mm)



DIAMETER	PITCH	HEAD DIAMETER (dk)		HEAD HEIGHT (k)	
		MIN	MAX	MIN	MAX
M1.6	0.35	2.90	3.20	1.18	1.42
M2	0.40	3.70	4.00	1.48	1.72
M2.5	0.45	4.70	5.00	1.88	2.12
M3	0.50	5.70	6.00	2.28	2.52
M3.5	0.60	6.64	7.00	2.58	2.82
M4	0.70	7.64	8.00	2.95	3.25
M5	0.80	9.64	10.00	3.65	3.95
M6	1.00	11.57	12.00	4.45	4.75
M8	1.25	15.57	16.00	5.85	6.15
M10	1.50	19.48	20.00	7.32	7.68

SLOT DEPTH (mm)

SCREW DIAMETER	M1.6	M2	M2.5	M3	M3.5	M4	M5	M6	M8	M10
PHILIPS DRIVE SIZE	0	1	1	1	2	2	2	3	4	4

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