Evolution Fasteners (UK) Ltd Units 2A & 2B Clyde Gateway Trade Park Dalmarnock Road, Rutherglen, Glasgow G73 1AN

Tel: +44 (0)141 647 7100 Fax: +44 (0)141 647 5100

Email: technical@evolutionfasteners.co.uk

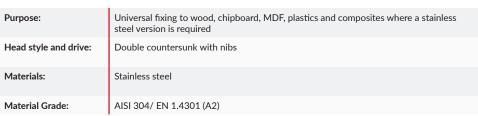






A2 WOODMASTER® SUPER CUTTER SCREWS





Nominal Diameter, d _{nom} (mm)	Embedment Depth hnom (mm)			
(11111)	20.0	30.0	40.0	60.0
4.0	1,010	-	3,050	-
5.0	-	1,870	-	4,450
6.0	-	-	3,690	5,170

Derived from empirical tests performed pursuant to BS EN 14592: 2008 & A1: 2012 No.

A2 STAINLESS STEEL WOODSCREWS:

CODE	SIZE	BOX	CARTON
A2WS4040	4.0 x 40mm	200	6,400
A2WS4050	4.0 x 50mm	200	6,400
A2WS4070	4.0 x 70mm	200	4,800
A2WS5040	5.0 x 40mm	200	4,800
A2WS5050	5.0 x 50mm	200	4,800
A2WS5060	5.0 x 60mm	200	3,200
A2WS5070	5.0 x 70mm	200	3,200
A2WS5090	5.0 x 90mm	200	3,200
A2WS50100	5.0 x 100mm	100	2,400
A2WS6080	6.0 x 80mm	200	2,400
A2WS60100	6.0 x 100mm	100	2,400
A2WS60120	6.0 x 120mm	100	1,600

NOTE: The results expressed in this document are determined from empirical testing. Specifiers, end-users and other third parties should make their own decision(s) on what safety factors to use relevant to their design(s)/ application(s). This document is provided, strictly: without prejudice, without recourse, without liability, non-assumpsit, no assured value, errors and omissions excepted, subject to change without notice and all rights reserved. ©Evolution Fasteners UK Ltd, 2021.

Characteristic Hardness [NOTE 1] Profile, H, of Product

Nominal Diameter, d _{nom} (mm)	•	Hardness Parameter[NOTE 2]		
	Surface, H _{surface} (HV 0.3)	Core, H _{core} (HV 0.3)		
	4.0	≥ 390	≥ 250	
	5.0	≥ 360	≥ 240	
	6.0	≥ 380	≥ 240	
NOTE(S): 1. 2.	Derived from empirical tests performed pursuant to BS EN ISO 6507-1: 2018, Hardness zone designation pursuant to that of BS EN ISO 898-1: 2013°C			

Characteristic Mechanical Performance of the Fasteners (N):

Nominal Diameter, d _{nom} (mm)	Tensile Capacity ^[NOTE 1] , N _{tens,Rk}	Shear Capacity $^{[NOTE2]}$, $V_{\mathit{shear,Rk}}$
4.0	3,550	2,860
5.0	5,350	4,780
6.0	8,530	6,740

Derived from empirical tests performed pursuant to BS EN ISO $6892 \cdot 1: 2019^{\rm wc}$, Derived from empirical tests performed pursuant to MIL-STD-1312- $13^{\rm wc}$.