

# TECHNICAL DATA SHEET

## TWINTHREAD SCREWS

We confirm our range of Twinthread screws have the following characteristics / specifications:-

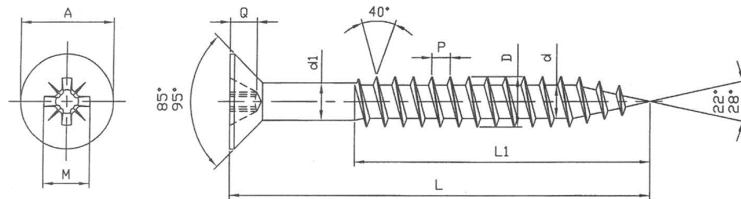
Material: C1018/C1022 Carbon Steel

Case Hardness: 470 - 720 HV

Core Hardness: 300 - 420 HV

Finish: BZP

Corrosion Resistance: Service Class 1 according to EN1995-1-1



Size	Head Diameter	Drive Width	Drive Depth	Threaded Shank Diameter	Unthreaded Shank Diameter	Thread Diameter	Thread Pitch	Pozi Drive No.	Yield Moment	Withdrawal Parameter	Head Pull Through	Tensile Capacity	Torsion Strength
	A	M	Q	d	d1	D	P		Nmm	Nmm <sup>2</sup>	Nmm <sup>2</sup>	Nmm <sup>2</sup>	Nm
4g	5.21 - 5.49	2.74	1.32 - 1.73	1.65	2.15 - 2.25	2.72 - 2.92	1.10	1	1,578	19.14	26.48	1.81	1.70
6g	6.55 - 6.91	4.22	1.85 - 2.31	2.16	2.60 - 2.70	3.38 - 3.58	1.41	2	3,449	18.45	25.34	4.79	3.12
7g	7.24 - 7.62	4.22	1.85 - 2.31	2.41	2.80 - 2.90	3.74 - 3.94	1.59	2	3,387	18.70	25.94	6.56	4.15
8g	7.93 - 8.33	4.60	2.26 - 2.72	2.77	3.20 - 3.30	4.09 - 4.29	1.69	2	4,501	18.92	24.46	5.76	4.71
10g	9.27 - 9.75	4.98	2.64 - 3.10	3.15	3.65 - 3.75	4.73 - 4.93	1.95	2	6,888	19.95	21.13	8.36	6.07
12g	10.62 - 11.18	6.35	2.72 - 3.18	3.61	4.20 - 4.30	5.38 - 5.64	2.21	3	13,582	18.22	20.34	15.15	13.11

Length (Inches)	Length (mm)	4g	6g	7g	8g	10g	12g
1/2"	12.00 - 12.70	Full	Full	Full	Full		
5/8"	15.30 - 15.90	Full	Full	Full	Full		
3/4"	18.40 - 19.00	Full	Full	Full	Full	Full	
1"	24.50 - 25.40	Full	Full	Full	Full	Full	
1-1/4"	30.80 - 31.70		Full	Full	Full	Full	Full
1-1/2"	37.20 - 38.10		30mm	30mm	30mm	30mm	30mm
1-3/4"	43.20 - 44.40		30mm	30mm	30mm	30mm	30mm
2"	48.80 - 50.00		37mm	37mm	37mm	37mm	37mm
2-1/4"	55.90 - 57.10				37mm	37mm	37mm
2-1/2"	52.30 - 63.50				50mm	50mm	50mm
3"	74.60 - 76.20				50mm	50mm	50mm
3-1/2"	87.30 - 88.90					67mm	67mm
4"	100.00 - 101.60					70mm	70mm

This data sheet is valid until there is a significant change in the product and its characteristics.

Date: 18 May 2022