Marutex®[1] self-drilling screws

for exceptional performance & maximum corrosion resistance

POWERDRIVE
YOUR FASTENING SOLUTION

Fastener specifications

Steel	Marutex® Stainless Steel Alloy
Corrosion resistance	Australian Standard AS 3566 - Class 4

Overview

Marutex® self-drilling screws are heat-treated to obtain hardness equivalent to tempered carbon steel screws, made possible only with a unique formulation of stainless steel alloy as opposed to many other forms of stainless steel.

Lasting corrosion resistance

Marutex® composition include Molybdenum, giving it corrosion resistance rivaling or even better than stainless steel grade 304. The durability of Marutex® is superior to 304 bi-metal screws, stainless steel grade 410 screws, and galvanized carbon steel screws in both Salt Spray and Kesternich tests.

Advantages of Marutex® series

- **Great corrosion resistance** help safeguard against premature fastener rust & failure.
- **Heat-treated** for exceptional drilling performance unlike many other stainless steel screws.
- **Good waterproofing** with the use of *Powerdrive Bonded* Washers.

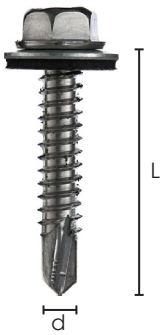
Authenticity

The four-pointed star indicate original Marutex screws, ensuring superior drilling performance and engineering.

Sizes

	Part No.	d x L mm	Head-style	Applicable metal thickness, mm max.
1	MDX 525 HO/HM-S16	4.8 x 25		4.5
2	MDX 535 HO/HM-S16	4.8 x 35		4.5
3	MRX 520 HO/HM-S16	4.8 x 19	Hex	1.6
4	MRX 535 HO/HM-S16	4.8 x 35		1.6
5	MSD 635 HO/HM-S16	5.5 x 35		12.0

1. Configureable with 16mm OD Powerdrive Stainless Steel Bonded Washer.
2. Other sizes and headstyles available on request.



Powerdrive Bonded Washer (S16)

Recommended installation tool:
Makita FS2500 Electric Screwdriver

Technical data

1. Fastener breaking loads

Mechanical property	Screw diameter, mm	
	4.8	5.5
Tensile breaking load, kN	16.8	25.7
Shear breaking load, kN	16.0	24.0
Breaking torque, Nm	14.0	22.6

2. Pull-out loads in steel purlin

Screw diameter, mm	Pull-out loads, kN Steel Purlin, 350 N/mm²						
	1.6	2.0	3.6	4.5	6.0	9.0	12.0
4.8	4.7	5.6	10.5	14.1	-	-	-
5.5	-	-	-	-	18.0	25.7	25.7

**Note: Above technical data values are ultimate failure loads. Always apply safety factor for safe working loads.*