TECHNICAL DATA SHEET (1/1)

T - 4330 _ VDPM

General description



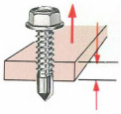
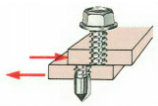
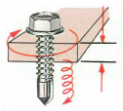
The **VDPM self-drilling screw** is designed to assemble 2 sheets of galvanized steel in one single operation.

It can drill into combined total thickness of 1,9 mm.

The VDPM screw has a hexagonal head. Thanks to its drill point, no need to punch a hole or drill beforehand.

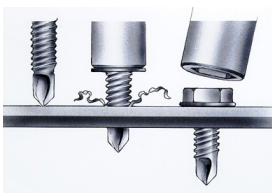
- Made of hardened carbon steel
- Zinc plated (free of hexavalent chromium)
- Hexagonal head
- Manufactured according to DIN 7504 K
- Serration under the head for a better grip

Technical specification

Screw dia.	Bit size	Soft steel sheet thickness	Tension pull-out	Shear (two sheets overlap)	Tensil strengh	Torque
						
4,2mm	MC-M7	0,9 mm	120 kg	330 kg	700 kg	4,7 Nm
		1,2 mm	180 kg	390 kg		
		1,5 mm	210 kg	450 kg		
		1,9 mm	400 kg	460 kg		
4,8 mm	MC-M8	0,9 mm	150 kg	370 kg	1000 kg	7,3 Nm
		1,2 mm	240 kg	540 kg		
		1,5 mm	310 kg	600 kg		
		1,9 mm	430 kg	640 kg		

The values listed are ultimate averages achieved under standard laboratory conditions. These results are given only as a guide and not as a warranty. An appropriate safety factor must be determined for the designed purpose.

Application



- Self-drilling screws are designed to perform best when driven at 1800 to 2500 rpm.
- Drill point length must exceed total thickness of material to be fastened including gaps.
- Overdriving may result in torsion failure of screws or strip out of the fastening grip.
- The screw must penetrate beyond the metal structure with a minimum of 3 threads.

Information contained herein is based on careful tests and experience. It reflects our knowledge and is for guidance purpose only. It is given in good faith and user should ensure that the product is fit for purpose before any application. The quoted values are average and should not be taken as maximum or minimum values for specific purposes. Manufacturer and distributor are not responsible for any non-recommended use or consequential damage.