

T - 415 - TRLC

SELF-DRILLING SCREW - PAN WASHER HEAD WITH PHILIPS RECESS



General description

The TRLC self-drilling screw is designed to assemble 2 metal sheets in one single operation.

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

The TRLC screw has a Philips recess. Thanks to its drill point, no need to punch a hole or drill beforehand.



Technical description

- Made of hardened carbon steel
- Zinc plated (free of hexavalent chromium)
- Pan washer head with Philips recess
- Manufactured according to DIN 7504
- Serration under the head for a better grip

Technical specifications

MECHANICAL TEST DATA						
SCREW DIA.	BIT SIZE	STEEL SHEET THICKNESS	TENSION PULL-OUT	SHEAR (TWO SHEETS OVERLAP)	TENSIL STRENGTH	TORQUE
4,2 mm	Philips	0,9 mm	120 kg	330 kg	1000 kg	7,3 Nm
		1,2 mm	180 kg	390 kg		
		1,5 mm	210 kg	450 kg		
		1,9 mm	400 kg	460 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.

Storage: In a dry place

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.

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