

Area of Application

Machine screws are used for all types of installations where a fully threaded metric screw is required.

Description

The screw is produced in hardened carbon steel in grade 4.8 with bright zinc plated surface treatment. The screw has a round head with a PH bit drive.

Installation

In order for a bolted joint to work correctly and be able to counter static and varying loads for long periods the bolts must be preloaded, for example, by tightening with a given torque. Preloading must normally be held to such a level that the combined load in the bolt does not exceed the bolt material's tensile yield limit. For the correct installation of a machine screw grade 4.8 to be correct a flat washer of at least HV140 hardness should be used.



Specification

	Machine screw pan head MRX / Countersunk MFX bright zinc plated
Material	Hardened steel SAE1018 (SS1370)
Surface treatment	According to ISO 4042 5µm
Corrosion categories	C1

Machine screw MRX pan head, 7985/ISO 7045. Bright zinc plated

ESSBOX

Item no.	Dimension mm	Bit no	ESSBOX size	Qty/pack.
61069515	M3×6	PH 1	102	400
61069522	M3×10	PH 1	102	200
61069539	M3×16	PH 1	102	200
61069546	M3×20	PH 1	102	200
61069553	M3×25	PH 1	102	200
61069560	M3×30	PH 1	202	200
61069577	M3×40	PH 1	202	200
61069584	M4×10	PH 2	102	200
61069591	M4×12	PH 2	102	200
61069607	M4×16	PH 2	202	200
61069614	M4×20	PH 2	202	200
61069621	M4×30	PH 2	202	200
61069638	M4×40	PH 2	202	200
61069645	M5×12	PH 2	202	200
61069652	M5×16	PH 2	202	200
61069669	M5×20	PH 2	202	200
61069676	M5×25	PH 2	202	100
61069683	M5×30	PH 2	202	100
61069690	M5×40	PH 2	202	100
61069706	M6×16	PH 3	202	100
61069713	M6×20	PH 3	202	100
61069720	M6×25	PH 3	202	100
61069737	M6×30	PH 3	202	50
61069744	M6×40	PH 3	202	50
61069751	M6×50	PH 3	202	50

