

### 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 MFX countersunk, DIN 965/ISO 7046. Bright zinc plated

### ESSBOX

Item no.	Dimension mm	Bit no	ESSBOX size	Qty/pack.
61069379	M3×6	PH 1	102	400
61069386	M3×10	PH 1	102	200
61069393	M3×16	PH 1	102	200
61069409	M3×20	PH 1	102	200
61069416	M3×30	PH 1	202	200
61069423	M4×20	PH 2	202	200
61069430	M4×30	PH 2	202	200
61069447	M5×20	PH 2	202	200
61069454	M5×30	PH 2	202	200
61069461	M5×40	PH 2	202	100
61069478	M6×20	PH 3	202	200
61069485	M6×30	PH 3	202	100
61069492	M6×40	PH 3	202	50
61069508	M6×50	PH 3	202	50

