SUFIX
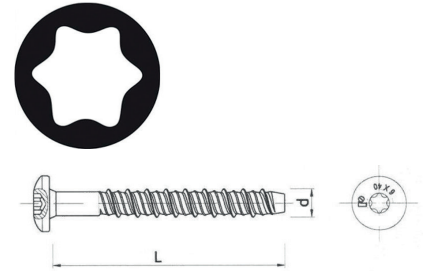

Pan head concrete screw with Torx T30 connection type PHCS

Concrete screw with pan head and Torx T30 connection.
Especially designed for fixing 41x41 mounting profiles in different concrete types (see applications), to guarantee the free movement of the sliding nuts.
To be fixed together with the bodywork washers **WAS MR30 M8**.

Brand
Sufix

Application
- Cracked concrete C20/25 - C50/60
- Non-cracked concrete C20/25 - C50/60
- Reinforced concrete

Specifications
- Zinc-coated steel
- Steel strength class: 12.9

Composition
- Nominal tensile strength 1200Nmm²
- Yield strength 1080Nmm²
- Tensile strength in case of fire R30 = 0.28kN / R60 = 0.25kN / R90 = 0.20kN / R120 = 0.14kN

Accessories
- Mounting profiles **MR GT 41x41**
- Body washers **WAS MR30 M8**
- Torx bit **BIT PHCS**

Text for tender
Self-tapping concrete screw with steel strength 12.9 that can be fixed directly into the concrete without other accessories such as plugs. The total load kan be determined in functioin of the quality of the concrete and the anchorage depth and is always between 9kN and 10.71kN. According to EN & DIN standards, this screw has a fire resistance of R30 0.28kN – R60 0.25kN – R90 0.20kN – R120 0.14kN.

1. Drill a hole with a 6mm drill bit to the indicated depth.
2. Make sure the hole is free of dust and dirt.
3. Place the profile and the body washer in front of the hole.
4. Tighten the screw with an impact driver.
5. Tighten to recommended torque.
6. The screw can be reused several times.

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Fasteners

Mounting instructions
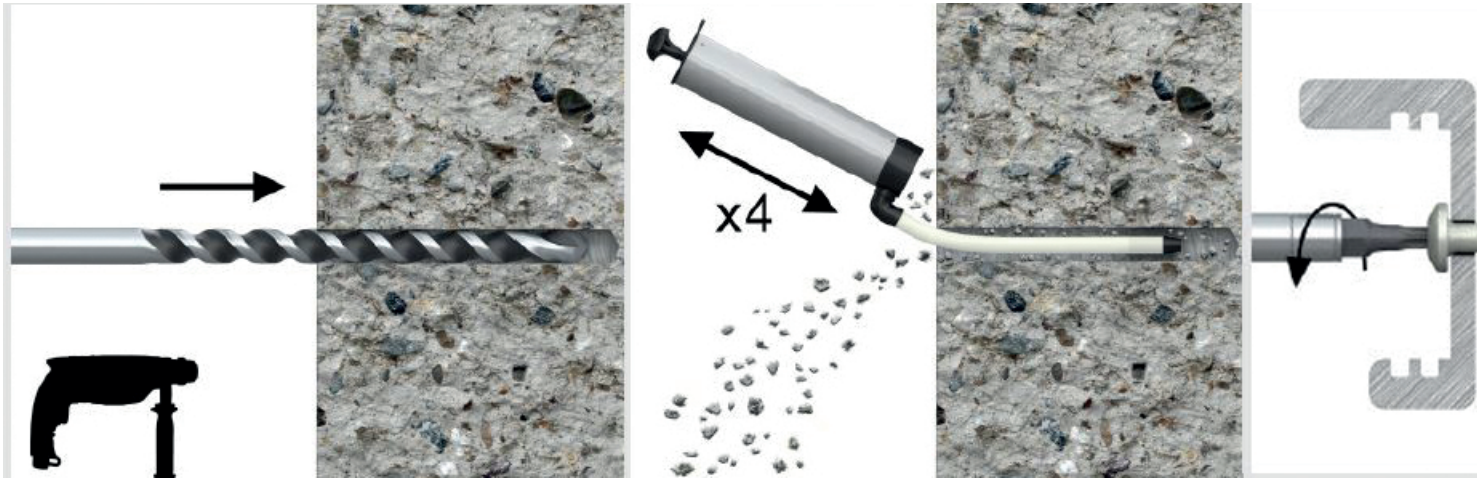
Technical data / Selection table			
Installation Parameters			**PHCS06L40T30**
Nominal drill bit diameter	d_0	mm	6
Cutting diameter of drill bit	$d_{cut} \leq$	mm	6.4
Depth of drill hole*	$h_0 \geq$	mm	45
Nominal embedment depth	h_{nom}	mm	35
Effective embedment depth	h_{ef}	mm	24.7
Maximum installation torque	$T_{imp.max}$	Nm	400
Minimum edge distance	C_{min}	mm	50
Minimum spacing	S_{min}	mm	100
Minimum distance between anchor groups	A_{min}	mm	100
*Real depth of drill hole $h_0 = L + 10 - t_{fix}$			