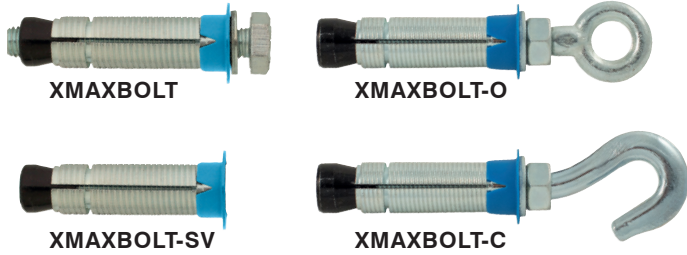


HIGH EXPANSION METAL ANCHOR HEAVY LOADS IN CONCRETE AND MASONRY

XMAX-BOLT



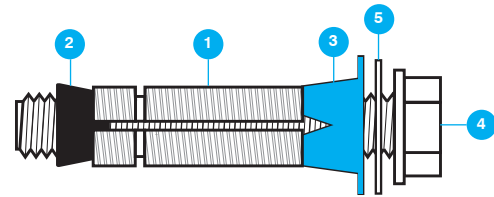
CONCRETE
SOLID BRIK
SOFT CONCRETE BLOCK
HOLLOW BRIK
HOLLOW CONCRETE



FEATURES

Material :

- 1 Sleeve : steel Q195, white zinc plated $\geq 3 \mu\text{m}$
- 2 Nut : steel Q195, black zinc plated $\geq 3 \mu\text{m}$
- 3 Plastic flange : PE (blue color)
- 4 Screw : steel class 8.8 – DIN933, white zinc plated $\geq 3 \mu\text{m}$
- 5 Washer : steel Q195 – DIN125, white zinc plated $\geq 3 \mu\text{m}$



Advantages :

- 4 expansion legs for perfect anchorage in any kind of substrate: concrete, solid masonry and hollow masonry
- Alternative to chemical anchoring in hollow base material (high loads, even in masonry)
- Wide plastic flange to help spread the load
- 2 versions available : with pre-assembled washer/screw or without (to set threaded studs or specific screws)

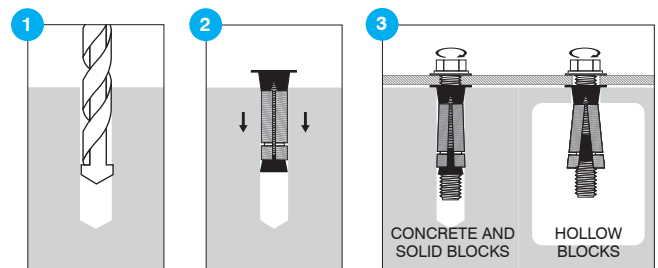
APPLICATION EXAMPLES

- Shelving
- Industrial doors or equipments
- Guard rails
- Balcony

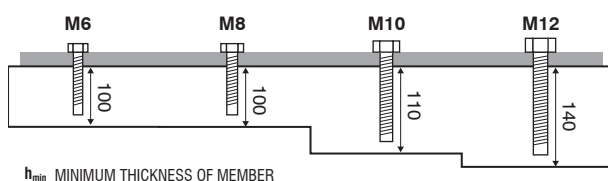
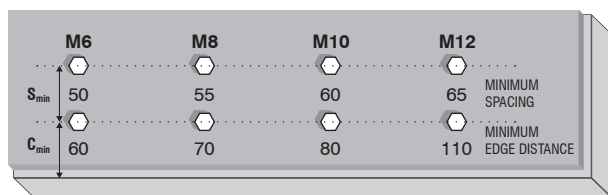
INSTALLATION

Instructions of pose :

- 1 Drill a hole with a hammer drill to the recommended depth h1 and remove the dust with a wire brush or blow out with a manual hand pump or compressed air.
- 2 Put the anchor into the hole with a hammer. The flange must be at the surface of the material.
- 3 Tighten the XMAX-BOLT through the fixture with a wrench applying sufficient torque as recommended Tinst.

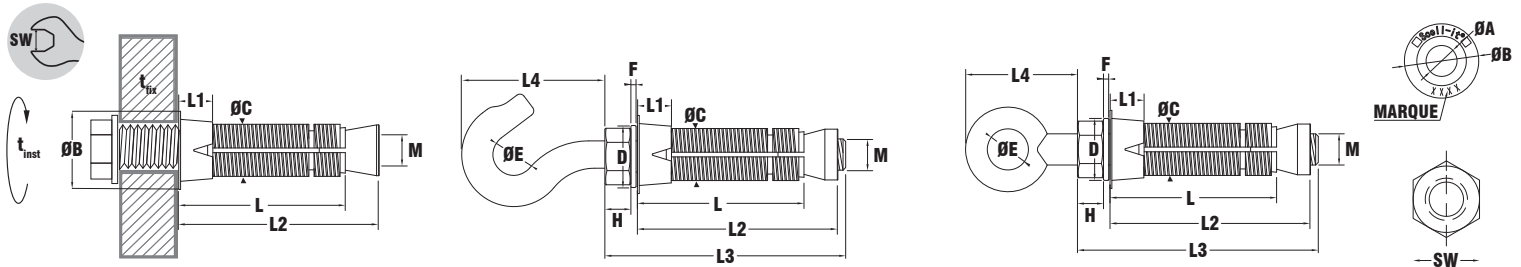


INSTALLATION DATAS



Ø Screw	Ø Drill mm	Drill depth mm	Recommended torque Nm	
			CONCRETE	MASONRY
M6	12	58	10	5
M8	14	66	25	7.5
M10	16	73	50	13
M12	20	87	80	23

DIMENSIONS & APPLICATION DATAS

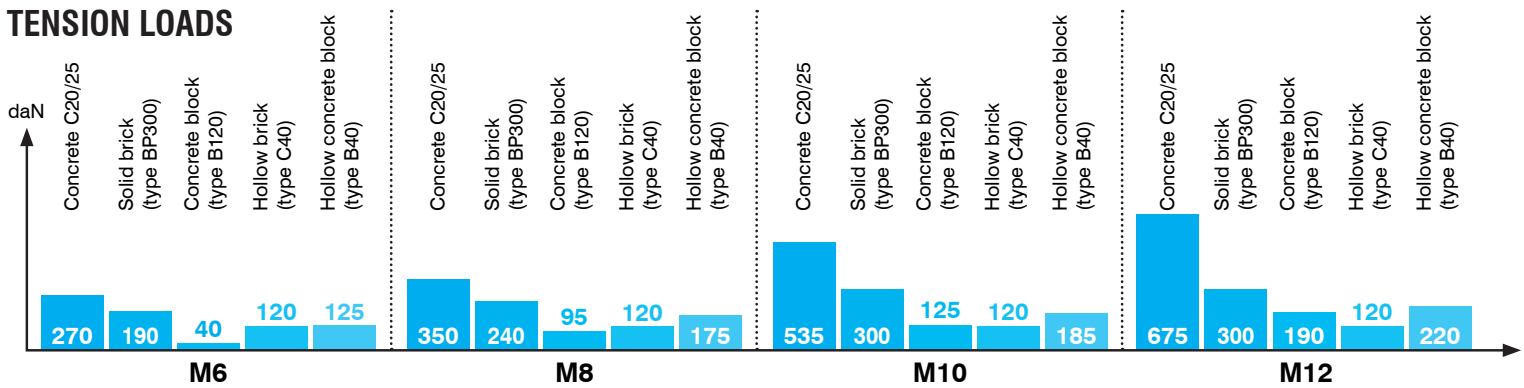


Øscrew	L3	L	L1	L2	t _{fix}	ØA	ØB	ØC	SW	L4	ØE	D	F	H	Version	Reference
	screw length mm	mm	mm	anchor length mm	fixing thickness mm	mm	Ø flange mm	Ø anchor mm	mm	mm	mm	mm	mm	mm		
M6	-				-					-	-	-	-	-	without screw	XMAX-BOLT-M06-SV
	60				10					-	-	-	-	-	screw M6x60	XMAX-BOLT-M06X60
	75	39	6.5	48	25	6.5	20	12	10	-	-	-	-	-	screw M6x75	XMAX-BOLT-M06X75
	55				-					30	9.5	12	1.5	5	hook	XMAX-BOLT-M06-C
	55				-					25	9	12	1.5	5	eyelet	XMAX-BOLT-M06-0
M8	-				-					-	-	-	-	-	without screw	XMAX-BOLT-M08-SV
	60				10					-	-	-	-	-	screw M8x60	XMAX-BOLT-M08X60
	75	46	7.5	56	25	8.5	22	14	13	-	-	-	-	-	screw M8x75	XMAX-BOLT-M08X75
	65				-					40	10.5	16	1.5	6.5	hook	XMAX-BOLT-M08-C
	65				-					28	11.5	16	1.5	6.5	eyelet	XMAX-BOLT-M08-0
M10	-				-					-	-	-	-	-	without screw	XMAX-BOLT-M10-SV
	75	54	9	63	10	10.5	25	16	17	-	-	-	-	-	screw M10x75	XMAX-BOLT-M10X75
	90				25					-	-	-	-	-	screw M10x90	XMAX-BOLT-M10X90
M12	-				-					-	-	-	-	-	without screw	XMAX-BOLT-M12-SV
	90	64	12.5	77	10	12.5	30	20	19	-	-	-	-	-	screw M12x90	XMAX-BOLT-M12X90
	110				25					-	-	-	-	-	screw M12x110	XMAX-BOLT-M12X110

RECOMMENDED LOADS

These recommended loads are given for information only, according to internal tests.

TENSION LOADS



SHEAR LOADS

