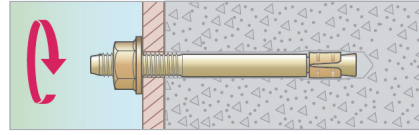
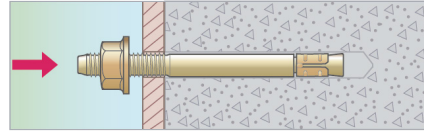
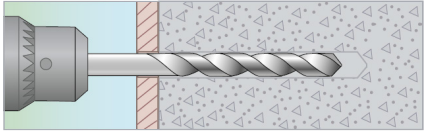


# GOLDEN ANCHOR

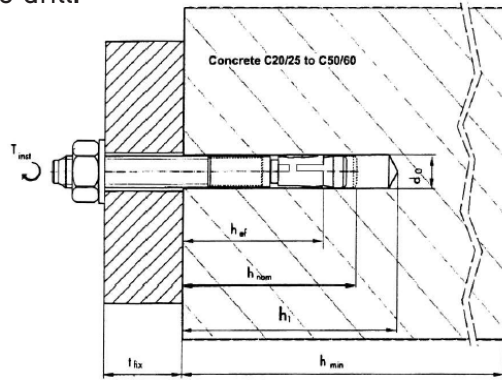
## Mounting



1. Place the part in position. Drill holes with the same drill diameter as the bolt, see min. drilling depth in the Load table. No blow cleaning is required, only basic cleaning with the drill.

2. Knock in the expander bolt to the correct installation depth, see min. installation depth in the Load table.

3. Tighten the nut to the specified torque, see Load Table or Technical data. The installation is finished.



### Recommended load and technical data

This load value can be used directly, it has safety factor  $\gamma = 1.4$  applied on the Design Resistance.

		M6	M8		M10			M12		M16		M20		
Drill hole diameter	$d_0$	6	8		10			12		16		20	mm	
Drill depth	$h_1$	45	40	60	70	45	65	90	85	100	130	150	mm	
Effective anchorage depth	$h_{ef}$	35	28	48	55	25	45	70	63	80	65	95	mm	
Tension load C20/25 <sup>1</sup>	$N_{rec}$	255	340	485	555	430	515	555	735	1455	1170	1940	1645	kg
Shear load C20/25 <sup>1</sup>	$V_{rec}$	195	340	365	540	500	515	845	770	1230	1725	2285	1500	kg
Critical Edge Distance	$c_{cr}$	53	42	72	83	39	69	105	95	120	98	143	173	mm
Critical Spacing distance	$s_{cr}$	105	84	144	165	78	138	210	189	240	195	285	345	mm
Minimum Concrete Thickness	$h_{min}$	80	80	80	110	80	100	160	120	160	140	230	170	mm
Installation Torque	$T_{inst}$	10	23		35			55		120		180	Nm	
Installation Torque, A4	$T_{inst}$	10	29		45			70		150		225	Nm	

1. Valid for a single anchor where distance to any other anchor or edge is larger than  $s_{cr}$  and  $c_{cr}$ .