



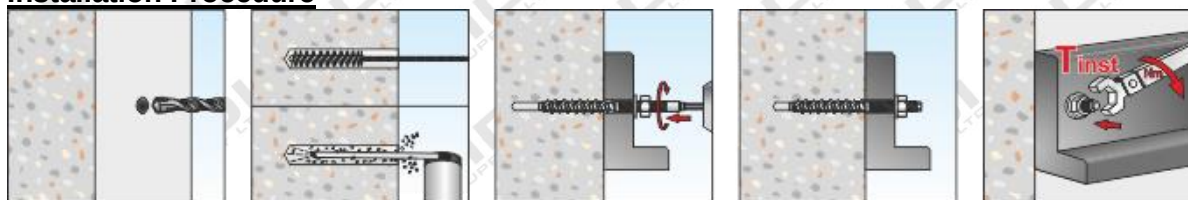
Technical Data Sheet



Product Designation	: CSS
Type	: CS Stud Screw with metric thread
Material	: Hardened Steel
Finish	: 500 Hours SST finish
Load Class (TG20)	: Light to Heavy Duty

Stud type version of the CS Bolt, a single fixing solution for the majority of construction materials which are very easy to install and have high pull out and shear values. Fixture can be secured using nut and washer or stud can be extended using a threaded adaptor and stud. In Scaffold/ Access markets a Ringbolt or Eye can be attached to secure tubes and standards. They can be used close to an edge without breaking the substrate. Suitable for brick, wood, marble, block & stone.

Installation Procedure



Anchor Sizes & Setting Details		12x118	12x138	12x208	12x248
d0	Pilot Drill Diameter	10			
df	Thread Size	M12			
l	Anchor Length	118	138	208	248
tfix	Maximum Fixing Thickness	10	30	100	140
hnom	Nominal Embedment	80			
hmin	Minimum Structure	120			
h1	Minimum Hole Depth	90			
tinst	Installation Torque (Nm)	80			
Num	Characteristic Tensile Action (kN)	24.4			
Vum	Characteristic Shear Action (kN)	30.6			
Nrec	Maximum Allowable Tensile Action (kN)	12.2			
Vrec	Maximum Allowable Shear Action (kN)	15.3			
af	hexagon drive size	8			

All dimensions in mm unless otherwise shown,
Loads in C20/25 Concrete

Preliminary tests must be carried out to ascertain allowable loads **before the use of the fixing in any other application.**

NB - Recommended loads are limited by suitability of base material and structure.



Registered in the UK
05002500

CSS Concrete Screw Stud

11th February 2015 Rev 3.0

Page 1 of 1

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