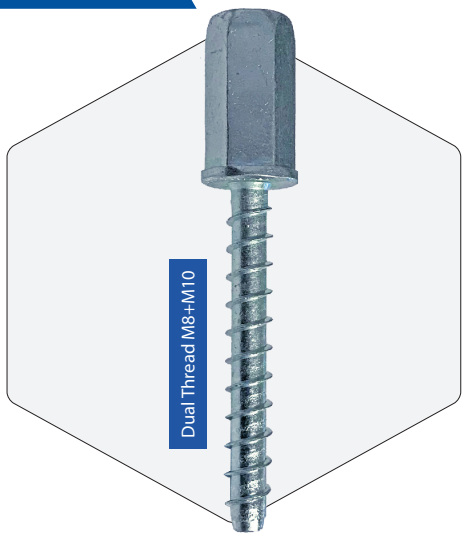
ETA Dual Threaded Socket Bolt



INFORMATION

The ETA Approved Ankerbolt Socket Bolt is a self tapping anchor for use in a variety of base materials.
The undercutting action provides a positive anchorage with no expansion forces.

- The Dual Thread allows for the use of M8 or M10 thread rod with the need for only one socket.
- The choice of M8 and M10 gives options for the diameter of threaded rod being used.

BASE MATERIAL

- Concrete C20/25 To C50/60
- Cracked/Non-cracked Concrete
  (Only for Multiple Use for Non-structural Applications)
- Hollow Concrete Planks
- Solid Brickwork
- Concrete Block
- Natural Stone

FEATURES

- Undercutting action
- Fast And Secure Installation
- Expansion Free
- Zinc Plated Minimum 5µm
  (For Dry, Internal Applications Only)
- Reaction to Fire Class A1
- Fire Resistant Classification R120

APPROVALS

European Technical Assessment
ETAG 001-06

ETA-20/0727

Fire Resistance
ETA-20/0727

RELATED PRODUCTS

SD06

SDS+ Drill Bits

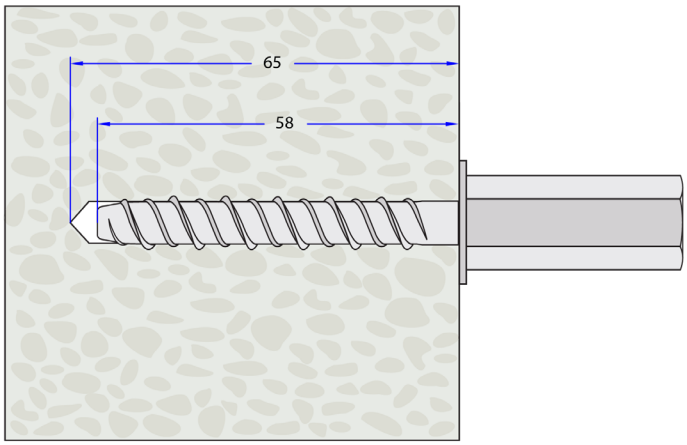
Hole Cleaning Pump

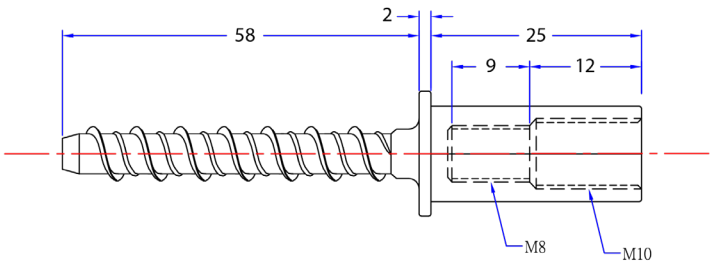
M8 or M10

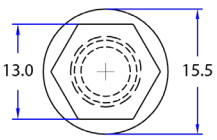
Threaded Rods

RANGE AND LOAD DATA

RANGE AND LOAD DATA											
Part Number	Drill Hole Diam	Hole Depth	Overall Length	Embedment Depth	Minimum Concrete Thickness	M8 Internal Thread Length	M10 Internal Thread Length	Across Flats	Design Tensile Resistance	Recommended Tensile Resistance	Tightening Torque
	(d_0)	(h_1)	(L)	(h_{nom})	($h_{c,min}$)	(l_{Th})	(l_{Th})	(AF)	(N_{Rd})	(N_{Ra})	(T_{inst})
	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	Nm
Solid concrete Cracked and uncracked(C20/25)											
JAB06/08SOCETA	6	65	85	55	100	9	12	13	3.3	2.3	20







Front View

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Technical Data Sheet

ETA Dual Threaded Socket Bolt

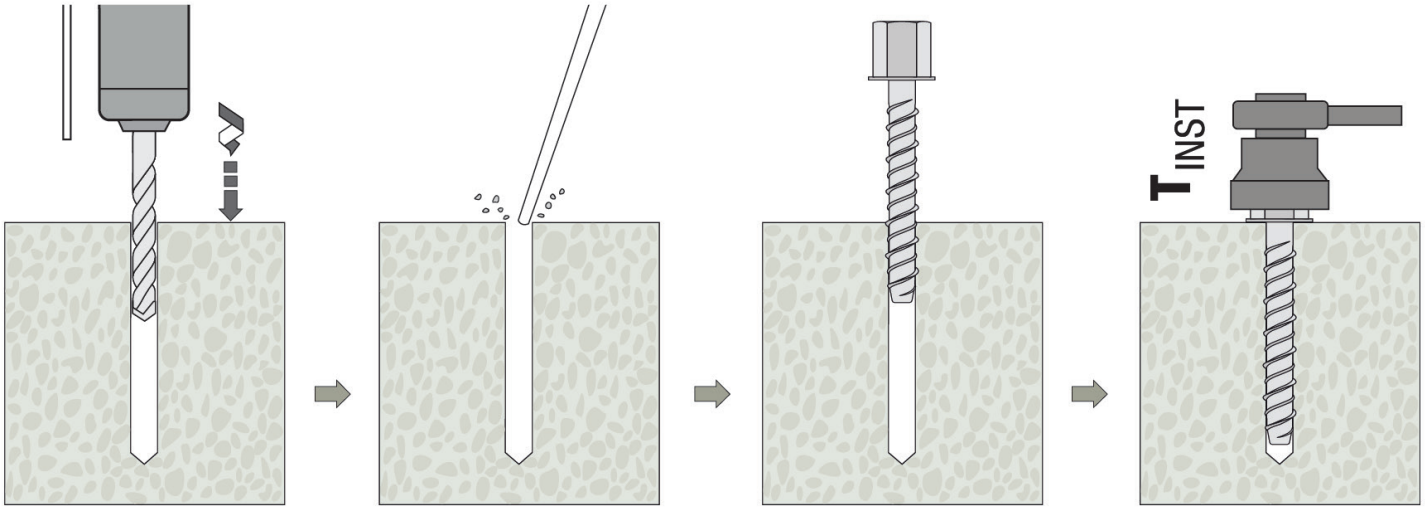
FIRE RESISTANCE DATA

Fire Resistance Data*											
Drill Diam (d_0)	Overall Embedment Depth (h_{nom})	Design Resistance**				Approved Resistance				Spacing ($s_{cr,fi}$)	Edge Distance ($c_{cr,fi}$)
		Tensile ($N_{Rd,fi}$) or Shear ($V_{Rd,fi}$) (kN)				Tensile ($N_{Ra,fi}$) or Shear ($V_{Ra,fi}$) (kN)					
mm	mm	30min (R30)	60min (R60)	90min (R90)	120min (R120)	30min (R30)	60min (R60)	90min (R90)	120min (R120)	mm	mm
6	55	0.23	0.20	0.16	0.11	0.16	0.14	0.11	0.07	180	90

* If the fire attack is from more than one side, the design method may be taken only, if the edge distance of the anchor is $c_{min} \geq 300$ mm.

** Steel failure

INSTALLATION INSTRUCTIONS



-Drill correct diameter hole to corresponding depth by using the rotary hammer drilling mode

-Clean hole by blowing to remove drilling debris and dust

-Insert anchor into concrete using suitable impact wrench (maximum machine power setting is limited to 80Nm)

-Tighten with torque wrench to recommended torque

INSTALLATION INSTRUCTIONS VIDEO

To watch the video and subscribe, please click on the link or scan the QR code:

-How to install a Concrete Bolt Socket - JCP Fixings: https://www.youtube.com/watch?v=ksCmPK9Plrc

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