

Spit Grip Lip & Grip Drop-In Anchor Range



Substrates

- Concrete

Approvals



Spit Grip L, Spit Grip S / Steel - ETA option 7 for non-cracked concrete

Applications

- Mechanical and electrical services
- Cable trays
- Pipe work
- Ventilation ducts
- Suspended ceilings
- Handrails



A broad range of female anchors for threaded rod

Spit Drop-in anchors, including lipped anchors for a flush finish, not dependent on hole depth.

Product Advantages

Spit Grip L

- Retainer lip keeps the anchor flush with the surface, keeping all rods the same length and avoiding the risk of over-drilling.
- The lip allows installation into hollow materials.
- Cone insert that expands the anchor when driven with setting tool and hammer.
- Reduced diameter for easier setting.
- M10 x 30 now available for shallow embedment to avoid contact with rebar.
- The internal thread has a modified expansion angle, now requiring 20% fewer hammer blows for complete expansion.
- Patented grooves enable deformation of the anchor, making expansion in hard materials easier and more effective.
- White zinc coating - 10 microns (except M10 x 30 / yellow)

Spit Grip Stainless Steel

- The Spit offering for those who demand an approved stainless steel version of the Drop-In anchor.

Spit Drop-In

- Spit also offer a competitively priced alternative in the Drop-In range, available without ETA.

Specification

Drop-In and Grip L - internally threaded, hammer set anchors. Flush fix design is pre-set by inserting into the drilled hole and hammering the internal expansion cone inside the body of the anchor using a setting tool.

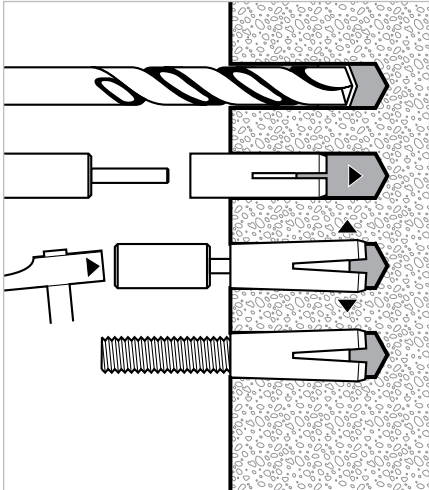
Body steel S300 Pb NFA 35 - 561, expansion cone FB10 NFA 35 - 053.

Grip Stainless Steel - female, internally threaded, hammer set anchor. Flush fix design is pre-set by inserting into the drilled hole and hammering the internal expansion cone inside the body of the anchor using a setting tool.

Body steel stainless steel A4 X5 Cr Ni Mo 17 - 12 - 2, expansion cone stainless steel A4 X5 Cr Ni Mo 17 - 12 - 2.

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Installation



1. Drill the correct diameter hole to the required depth for the Spit Grip selected.
2. Clean the hole with a blow out bulb.
3. Push the anchor into the hole.
4. Insert the relevant Spit expander of the same diameter as the anchor until it makes contact with the cone. Use a hammer to drive the setting tool into the anchor - stop hammering when the expander shoulder rests against the anchor or when it is blocked (in hard concrete).
5. Insert stud and tighten to the recommended torque using a torque wrench.

Product Range - Spit Grip Lip Anchor



Eurocode	Thread Diameter	Anchor Length	Thread Length	Drilling Depth	Max Tightening Torque	Box Qty
050789	M6	30mm	13mm	32mm	5Nm	100
050790	M8	30mm	12mm	33mm	10Nm	100
050799	M10	30mm	11mm	33mm	22Nm	100
050791	M10	40mm	15mm	43mm	22Nm	100
050792	M12	50mm	21mm	54mm	36Nm	50
050793	M16	65mm	28mm	70mm	80Nm	20

Spit Grip Lip Anchor - Zinc Plated Indicative Tensile Loads in Concrete

Thread Diameter	Embed Depth	Torque	Centre Spacing	Edge Dist.	C20 / 25 Tensile Loads	>C20 Shear Loads
8.8 Grade Threaded Rod						
M6	30mm	5Nm	95mm	70mm	3.4kN	2.4kN
M8	30mm	10Nm	95mm	80mm	3.7kN	4.1kN
M10	40mm	22Nm	125mm	100mm	5.8kN	6.2kN
M12	50mm	36Nm	150mm	130mm	10.4kN	6.4kN
M16	65mm	80Nm	195mm	170mm	11.8kN	20.6kN

Recommended loads expressed in accordance with design method CC

Spit Grip Lip & Grip Drop-In Anchor Range

Product Range - Spit Drop-In Anchor



Eurocode	Thread Diameter	Anchor Length	Thread Length	Drilling Depth	Max Tightening Torque	Box Qty
062010	M6	30mm	13mm	32mm	5Nm	100
062020	M8	30mm	13mm	32mm	10Nm	100
062330	M10	40mm	15mm	42mm	22Nm	100
062390	M12	50mm	18mm	53mm	36Nm	50
062470	M16	65mm	23mm	70mm	80Nm	20

Spit Drop-In Anchor - Zinc Plated Indicative Tensile Loads in Concrete

Thread Ø (mm)	Embed Depth (mm)	Torque (Nm)	Centre Spacing (mm)	Edge Dist. (mm)	C20 / 25 Tensile Load (kN)	>C20 / 25 Shear Load (kN)
M6 (x 30)	32	5	100	70	2.7	1.6
M8	32	10	120	80	3.4	3.2
M10	42	22	160	100	5.0	4.5
M12	53	36	200	130	6.8	8.7
M16	70	80	250	170	10.9	16.9

Product Range - Spit Grip Stainless Steel Anchor



Eurocode	Thread Diameter	Anchor Length	Thread Length	Drilling Depth	Max Tightening Torque	Box Qty
062240	M6	30mm	13mm	32mm	32kN	100
062250	M8	30mm	13mm	32mm	32kN	100
062260	M10	40mm	15mm	42mm	42kN	50
062270	M12	50mm	18mm	53mm	53kN	50
062280	M16	65mm	23mm	70mm	70kN	25

Spit Grip Lip & Grip Drop-In Anchor Range

Spit Grip Stainless Steel Anchor - Indicative Tensile Loads in Concrete

Thread Ø (mm)	Embed Depth (mm)	Torque (Nm)	Centre Spacing (mm)	Edge Dist. (mm)	C20 / 25 Tensile Load (kN)	C30 / 37 Tensile Load (kN)	C40 / 50 Tensile Load (kN)	C50 / 60 Tensile Load (kN)	>C20 Shear Load (kN)
M6	32	5	100	70	2.3	2.4	2.8	3.1	1.8
M8	32	10	120	100	3.3	3.4	3.8	4.1	4.9
M10	42	22	160	125	4.9	5.0	7.5	7.5	7.3
M12	53	36	200	160	6.8	8.0	9.5	13.9	12.4
M16	70	80	250	210	9.9	12.2	15.9	17.4	21.4

Product Range - Stainless Steel Anchor Setting Tools for Spit Grip Lip and Drop-In Anchors



Eurocode	Description	Thread Diameter	Box Qty
062090	Stainless Steel Setting Tool	M6	1
062100	Stainless Steel Setting Tool	M8	1
062110	Stainless Steel Setting Tool	M10	1
062120	Stainless Steel Setting Tool	M12	1
062130	Stainless Steel Setting Tool	M16	1

Product Range - Scaffold Ring Bolt



Eurocode	Description	Thread Diameter	Eye Diameter	Length	Box Qty
997120	SRB16	M16	53mm	210mm	1