

SKK Cone

The SKK steel climbing cone can be used in conjunction with 15mm tie bar and a M 24 bolt. It can be used wherever the MKK 15 was used as the leading cone. The SKK 15 is tightened and released with the special SKK spanner. (Details on application).



Code	Item	Weight Kg
SKK15	SKK Cone	1.27
SKKS	Spanner	2.50

Steel Cone

Re-usable steel cone for use when the tie rod or anchors are to be left embedded in the concrete.



Code	Item	Weight Kg
TL15	Re-usable Steel Cone 15	0.65
TL20	Re-usable Steel Cone 20	0.95

Spring Clamp

A fast and effective method for securing wire tie rods in light formwork applications. The tension tool is used to pull the wire tie bar through the clamp.



Code	Item	Weight Kg
SC	Spring Clamp	0.47
TT	Tension Tool	3.43

FORMWORK – ANCHORS

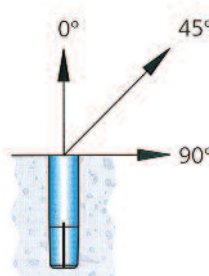
Drop in Anchor 15mm

A drop in Anchor specifically designed for the use with 15mm Formwork Tie Rod Bars.

It is ideal for low load applications, such as fixings for hand rails into existing concrete.

For safety reasons we state that admissible loads for a low concrete strength of 15 N/mm.

This means in practice that the anchors are often installed the next day after concreting and are already loaded.



Code	Item	Weight kg
IA15	Drop in Anchor 15mm	0.2
IAP	Drop in Anchor Punch	0.3

Load Direction	Concrete Strength		
	15 N/mm	25 N/mm	35 N/mm
Axial tension	17.0	21.9	26.0
Diagonal Pull 45	21.5	27.8	32.8
Shearing 90	27.5	35.5	42.0

Weldable Anchor – Fitsch

A metal anchor which can be welded to RSJ's, sheet piling and other metal structures to accept 15mm tie rod.

Anchors must be welded continuously all the way round – load tests should be conducted before use.



Code	Item	Weight Kg
F115	Fitsch	0.40

Mechanical Anchor

For securing single sided formwork to rock or concrete walls. Hole diameter required: 35mm–37mm.

Conduct tensile tests before applying final load. A rock anchor for 20mm tie rod is available. Technical details on request.



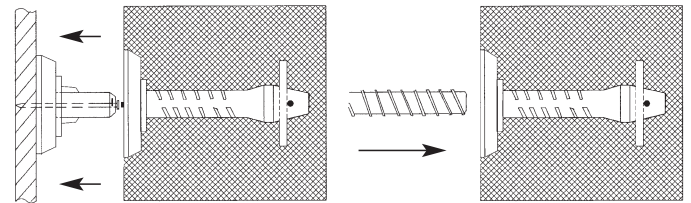
Code	Bar Dia	Weight Kg
RAD15	15mm	0.30
RAD20	20mm	0.69

Form Anchor

The Form-Anchor is versatile, non-corrosive and used mainly for securing single-sided and climbing formwork. Easily fixed using the plastic cone locator enabling quick formwork erection, with no drilling of plywood. Can also be used for securing slab edge formwork, guard rails, etc. For use with 15mm Dywidag Thru Tie Rods.



Concrete in, and remove the formwork. Screw in the Dywidag tie-rod.



Code	O/A Length	Thread Length	Failing Load	Recommended Safe Working Load
SFA	130mm	65mm	100kn	50kn

Uni-Sleeve Anchor

The Uni-Sleeve has a 65mm long internal thread for 15mm tie rods and is ideal for:

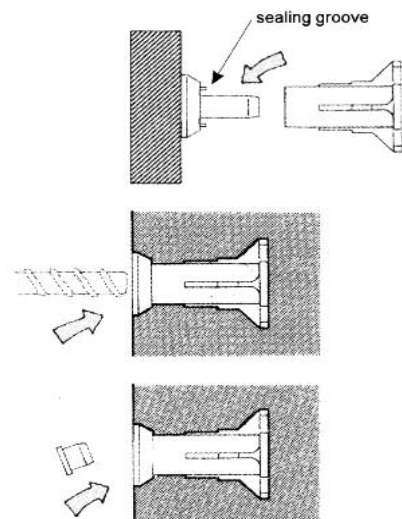
- single-faced formwork
- edge formwork
- scaffolding brackets
- general guard rails

Safe working load: 27 kn.

Assembly

- 1 The cone is nailed to the formwork with preassembled nail.
- 2 Push on Uni-Sleeve
- 3 Concrete and then remove formwork
- 4 Screw in tie rod as required

With the special sealing groove, the sleeve closes tightly preventing concrete from entering the sleeve.



Code	Item	Pack Size
SUNIS	Uni-Sleeve & Cone	100

Recoverable Anchor Screws

Applications

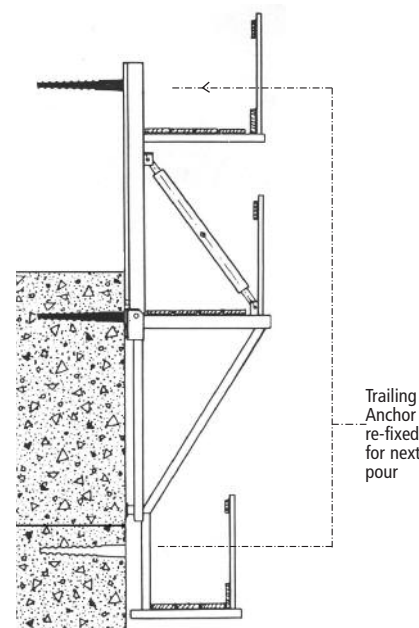
- anchoring single-sided formwork, etc.
- clamping tunnel formwork
- lifting and positioning of pre-cast elements
- anchoring scaffolding
- anchoring tower cranes/hoists
- anchoring cantilevers and 'drawer-forms'

Economy

Reusable over 50 times with costs recovered with as few as six re-uses

Easy extraction

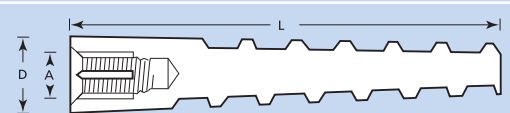
Lightly oiled or greased anchors unscrew from the concrete with a single blow to the extractor



Safe Loading Capacities		Anchors											
Using a safety factor of 2:1		Max Load for Anchors kN								Physical Dimensions			
Code	Anchor Size	Concrete Strength N/mm ²								Length (L)	Major Dia. (D)	Thread Depth (E)	Weight (kg)
		5	10	20	30	40	50	60					
SRSA2012	M20 x 120	12	18	28	43	54	63	72	120	39	36	0.60	
SRSA2414	M24 x 140	15	22	34	49	62	72	79	140	39	35	0.72	
SRSA2420	M24 x 200	25	36	57	76	92	105	114	200	39	40	0.91	
SRSA2428	M24 x 280	45	60	90	115	135	155	170	280	39	50	1.02	
SRSA3036	M30 x 360	details available on application							360	48	57	2.5	
SRSA3643	M36 x 430	80	104	150	190	220	250	280	430	58	64	4.00	

Important: In critical loading cases, a greater factor of safety should be used.

Note: Specific extractors are required for each anchor bolt size.



APT Anchors

The new APT anchor range of fixings provide the construction professional with a single fixing anchor for the majority of fixing needs.

A fixing for all substrates. No plugs or inserts needed.

- Single thread design to give maximum grip with minimum insertion torque.
- Balancing thread designed to ensure correct alignment of anchor with drilled hole.
- One piece fixing for ease of installation and reduced cost.
- Uses standard drill sizes.
- Threading system allows for total removal of anchor from substrates.
- Self tapping multi-substrate anchor.



Areas of Application

Concrete – Brick – Wood – Stone – Block – Marble.

- Thread designed to provide positive anchorage into the substrate.
- Thread provides safe anchorage over full embedment of anchor.
- Threaded anchorage is not subject to expansion pressure and maintains its fix without preload.
- No expansion gives close edge fixing ability.

Code	Size mm	Drill Bit Size mm	Hole Depth mm
APT860	8 x 60	8	75
APT875	8 x 75	8	90
APT8100	8 x 100	8	115
APT1075	10 x 75	10	95
APT10100	10 x 100	10	120
APT10150	10 x 150	10	170
APT1275	12 x 75	12	95
APT12100	12 x 100	12	125
APT12130	12 x 130	12	155
APT12150	12 x 150	12	175
APT12200	12 x 200	12	225