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## SECTION 03

# LIGHTWEIGHT ANCHORS

Our comprehensive range of lightweight anchors from leading manufacturers, means that you can find the perfect fixing for the job.

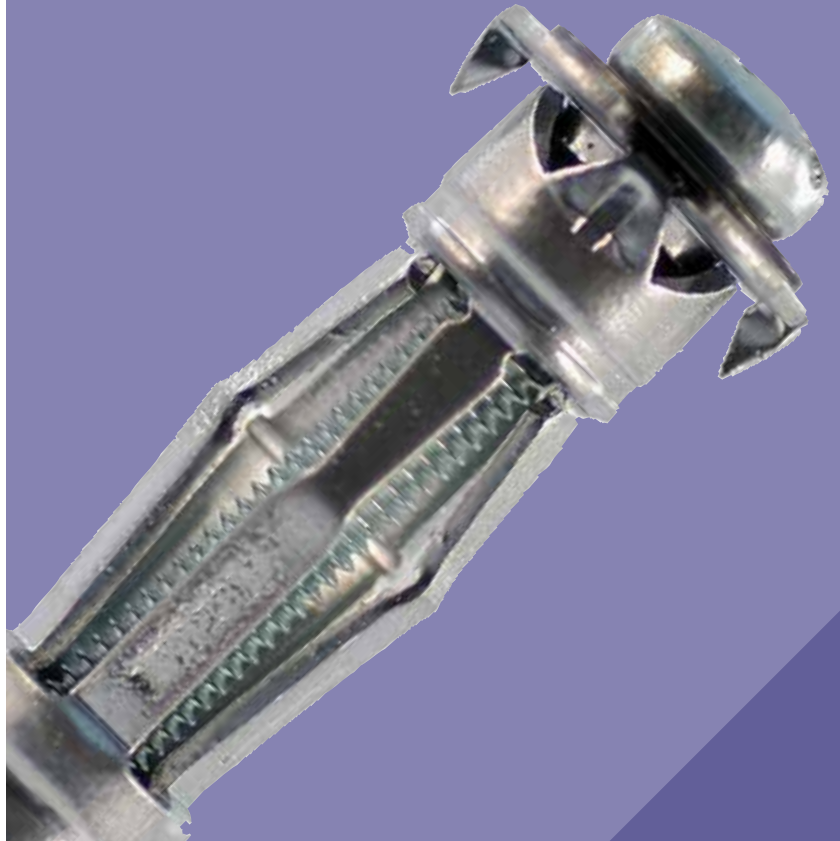
**Buildex**

**fischer** 

**RAWL**  
FIXINGS

SPECIALIST  
CONSTRUCTION  
PRODUCTS  
**SCP** 

**SPIT**



## TAPCON MASONRY ANCHORS

For fastening to concrete and other masonry materials, carbon steel self tapping anchors. Special Hi-Lo form and blue climaseal finish. Can be supplied complete with one 'D' end rotary percussion masonry drill bit.

### Countersunk Tapcon

DESCRIPTION	THREAD Ø (MM)	DRIVE STYLE	FIXTURE THICKNESS (MM)	ANCHOR LENGTH (MM)	HOLE Ø (MM)	MIN. HOLE DEPTH (MM)	MIN. EMBED. (MM)	BOX QTY
3F32	5	P2	0 – 7	32	4	35	25	100
3F45	5	P2	5 – 20	45	4	35	25	100
3F57	5	P2	17 – 32	57	4	35	25	100
3F70	5	P2	30 – 45	70	4	35	25	100
3F82	5	P2	42 – 57	82	4	35	25	100
3F100	5	P2	60 – 75	100	4	35	2	100
4F32	6	P3	0 – 7	32	5	35	25	100
4F45	6	P3	5 – 20	45	5	35	25	100
4F57	6	P3	17 – 32	57	5	35	25	100
4F70	6	P3	30 – 45	70	5	35	25	100
4F82	6	P3	42 – 57	82	5	35	25	100
4F100	6	P3	60 – 75	100	5	35	25	100
4F125	6	P3	85 – 100	25	5	35	25	100



### Hex Head Tapcon

DESCRIPTION	THREAD Ø (MM)	DRIVE STYLE	FIXTURE THICKNESS (MM)	ANCHOR LENGTH (MM)	HOLE Ø (MM)	MIN. HOLE DEPTH (MM)	MIN. EMBED. (MM)	BOX QTY
3H32	5	6.5	Hex0 – 7	32	4	35	25	100
3H45	5	6.5	Hex5 – 20	45	4	35	25	100
3H57	5	6.5	Hex17 – 32	57	4	35	25	100
4H32	6	8	Hex 0 – 7	32	5	35	25	100
4H45	6	8	Hex 5 – 20	45	5	35	25	100
4H57	6	8	Hex 17 – 32	57	5	35	25	100
4H70	6	8	Hex 30 – 45	70	5	35	25	100
4H82	6	8	Hex 42 – 57	82	5	35	25	100
4H100	6	8	Hex 60 – 75	100	5	35	25	100



### Hex Head Tapcon Accessories

DESCRIPTION	BOX QTY
Tapcon Condrive Kit 1000	1
Tapcon 6.5mm Drive Tru Socket 5mm Diameter Hex Head	1
Tapcon 8mm Drive Tru Socket for 6mm Diameter Hex Head	1

### Countersunk Head Tapcon Accessories

DESCRIPTION	BOX QTY
P2 Phillips N° 2 Driver Bit	1
P3 Phillips N° 3 Driver Bit	1



## CONCRETE SCREWS

Frame fixing screw with Torx-drive and self-tapping thread.  
Flat head for metal and plastic windows, cylindrical head for recessed installation with wooden windows.

### Advantages/benefits

Stress-free stand-off installation without additional plugs.  
Universal use for all common building and frame materials.  
Tapered thread diameter at the front for easy attachment.  
Optimised thread for a smooth, easy turn action.  
Only a 6 mm drill diameter necessary, thereby reduced work.  
The continuous thread prevents the fixture being pulled up against the building material.  
Cover caps to conceal fixing.

### Typical Application

Windows, door frames, fire protection doors, squared timbers.

### Countersunk, Torz, T30 Head, BZP

SIZE (MM)	LENGTH (MM)	BOX QTY
7.5	50	100
7.5	75	100
7.5	100	100
7.5	120	100
7.5	140	100

Includes white cover caps + driver



## FISCHER TYPE FFS FRAME FIXING

### Countersunk, Torx Head, Zinc Plated/Yellow Passivated Screw

DESCRIPTION	SIZE (MM)	DRILL Ø (MM)	DRIVE	BOX QTY
FFS	7.5 x 42, 52, 62, 72, 82, 92, 102, 112, 132, 152, 182, 212	6	T30	100

Minimum embedment in different substrates (applies to all sizes);  
concrete 20mm, brick 40 mm, light block 50mm, not aircrete.



## FISCHER TYPE S RS FRAME FIXING

### Countersunk, Cross Drive, Zinc Plated Screw

DESCRIPTION & SIZE (MM)	DRILL Ø (MM)	MIN. ANCHORAGE DEPTH (MM)	MAX. USABLE LENGTH (MM)	DRIVE	BOX QTY
S 6 RS 60 Z	6	30	30	PZ2	50
S 8 RS 60 Z	8	50	10	PZ3	25
S 8 RS 80 Z	8	50	30	PZ3	25
S 8 RS 100 Z	8	50	30	PZ3	50
S 10 RS 80 Z	10	50	30	PZ3	50
S 10 RS 100 Z	10	50	50	PZ3	25
S 10 RS 115 Z	10	50	65	PZ3	50
S 10 RS 135 Z	10	50	85	PZ3	25
S 10 RS 160 Z	10	50	110	PZ3	25



## FISCHER TYPE F WINDOW FIXING

### Countersunk, Cross Drive, Zinc Plated Screw

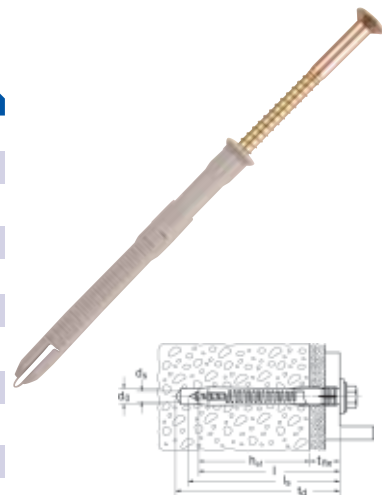
DESCRIPTION & SIZE (MM)	DRILL Ø (MM)	MIN. ANCHORAGE DEPTH (MM)	MAX. USABLE LENGTH (MM)	DRIVE	BOX QTY
F 8 S 75	8	40	25	PZ3	50
F 8 S 100	8	40	50	PZ3	50
F 8 S 120	8	40	70	PZ3	50
F 8 S 140	8	40	90	PZ3	50
F 10 S 75	10	50	15	PZ3	50
F 10 S 100	10	50	40	PZ3	50
F 10 S 120	10	50	60	PZ3	50
F 10 S 140	10	50	80	PZ3	50
F 10 S 165	10	50	105	PZ3	50



## FISCHER TYPE FUR UNIVERSAL FRAME FIXING

Countersunk, Torx Head, Zinc Plated Screw

DESCRIPTION & SIZE (MM)	DRILL Ø (MM)	MIN. ANCHORAGE DEPTH (MM)	MAX. USABLE LENGTH (MM)	DRIVE	BOX QTY
FUR 8 x 80 T	8	70	10	T30	50
FUR 8 x 100 T	8	70	30	T30	50
FUR 8 x 120 T	10	70	50	T30	50
FUR 10 x 80 T	10	70	10	T40	50
FUR 10 x 100 T	10	70	30	T40	50
FUR 10 x 115 T	10	70	45	T40	50
FUR 10 x 135 T	10	70	65	T40	50
FUR 10 x 160 T	10	70	90	T40	50
FUR 10 x 185 T	10	70	115	T40	50
FUR 10 x 200 T	10	70	130	T40	50
FUR 10 x 230 T	10	70	160	T40	50



## FISCHER TYPE SXS T HIGH PERFORMANCE FRAME FIXING

Countersunk, Torx Head, Zinc Plated CO-NA Screw

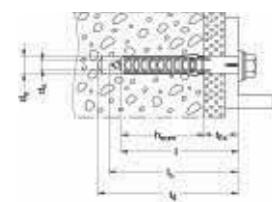
DESCRIPTION & SIZE (MM)	DRILL Ø (MM)	MIN. ANCHORAGE DEPTH (MM)	MAX. USABLE LENGTH (MM)	DRIVE	BOX QTY
SXS 10 x 80 T	10	50	30	T40	50
SXS 10 x 100 T	10	50	50	T40	50
SXS 10 x 120 T	10	50	70	T40	50
SXS 10 x 140 T	10	50	90	T40	50
SXS 10 x 160 T	10	50	110	T40	50
SXS 10 x 180 T	10	50	130	T40	50
SXS 10 x 200 T	10	50	150	T40	50
SXS 10 x 230 T	10	50	180	T40	50
SXS 10 x 260 T	10	50	210	T40	50



## FISCHER TYPE SXS-F US FRAME FIXING

With zinc plated CO-NA hexagon-head screw with integrated washer

DESCRIPTION & SIZE (MM)	DRILL Ø (MM)	MIN. DRILL HOLE DEPTH (MM)	EFFECT ANCHORING DEPTH (MM)	ANCHOR LENGTH (MM)	MAX. USABLE LENGTH (MM)	FISCHER CO-NA-SCREWS(MM)	WIDTH ACROSS NUT	BOX QTY
SXS 10 x 60 F US	10	70	50	60	10	7,6 x 69	SW13	50
SXS 10 x 80 F US	10	90	50	80	30	7,6 x 89	SW13	50
SXS 10 x 100 F US	10	110	50	100	50	7,6 x 109	SW13	50
SXS 10 x 120 F US	10	130	50	120	70	7,6 x 129	SW13	50
SXS 10 x 140 F US	10	150	50	140	90	7,6 x 149	SW13	50
SXS 10 x 160 F US	10	170	50	160	110	7,6 x 169	SW13	50
SXS 10 x 180 F US	10	190	50	180	130	7,6 x 189	SW13	50



## FISCHER TYPE SXS-F US A4 FRAME FIXING

With CO-NA hexagon-head screw in A4 stainless steel with integrated washer

DESCRIPTION & SIZE (MM)	DRILL Ø (MM)	MIN. DRILL HOLE DEPTH (MM)	EFFECT ANCHORING DEPTH (MM)	ANCHOR LENGTH (MM)	MAX. USABLE LENGTH (MM)	FISCHER CO-NA-SCREWS(MM)	WIDTH ACROSS NUT	BOX QTY
SXS 10 x 60 F US A4	10	70	50	60	10	7,6 x 69	SW13	50
SXS 10 x 80 F US A4	10	90	50	80	30	7,6 x 89	SW13	50
SXS 10 x 100 F US A4	10	110	50	100	50	7,6 x 109	SW13	50
SXS 10 x 120 F US A4	10	130	50	120	70	7,6 x 129	SW13	50
SXS 10 x 140 F US A4	10	150	50	140	90	7,6 x 149	SW13	50
SXS 10 x 160 F US A4	10	170	50	160	110	7,6 x 169	SW13	50
SXS 10 x 180 F US A4	10	190	50	180	130	7,6 x 189	SW13	50



## FISCHER SELBO HAMMERSCREW

Steel Screw, Zinc Plated

CODE	DESCRIPTION SIZE (MM)	BOX QTY
5/15/45 SK	M5 x 40	100
6/12/42 SK	M6 x 40	100
6/25/55 SK	M6 x 50	100
6/40/70 SK	M6 x 70	100
8/12/57 SK	M8 x 60	100
8/30/75 SK	M8 x 80	100
8/60/100 SK	M8 x 100	100
8/80/120 SK	M8 x 120	100



## SELF DRILL PLASTERBOARD ANCHORS

The plasterboard anchor is a fast and cost effective fixing for lightweight items into plasterboard. It can be used in single or double thickness plasterboard. Rapid and easy installation can be achieved by use of a pozi drive screwdriver.

### Suitable for:

Plasterboard

### Typical Application

Electrical boxes      Cable trunking  
Sanitary ware        Lightweight shelving

SIZE (MM)	TENSILE LOAD LOAD KN	SHEAR LOAD KN	ANCHORAGE DEPTH (MM)	BOX QTY
Metal (30mm Screw)	0.06	0.18	35	100
Metal (50mm Screw)	0.06	0.18	35	100



## SPRING TOGGLES

SIZE (MM)	DRILL Ø (MM)	MAX. FIXTURE THICKNESS (MM)	BOX QTY
M3 no screw	11	-	100
M5 no screw	14	-	100
M6 no screw	18	-	50
M3 x 50 with screw	11	30	100
M5 x 50 with screw	14	24	100
M5 x 80 with screw	14	54	100
M6 x 60 with screw	18	28	50
M6 x 80 with screw	18	48	50



## HOLLOW WALL ANCHORS & SETTING TOOL

SIZE (MM)	HOLE Ø (MM)	MAX. FIXTURE THICKNESS (MM)	GRIP RANGE (MM)	BOX QTY
M4 x 20 with screw	8	10	2-5	100
M4 x 32 with screw	8	15	2-10	100
M4 x 40 with screw	8	15	8-15	100
M5 x 40 with screw	10	15	5-13	100
M5 x 65 with screw	10	20	15-28	100
M6 x 52 with screw	12	20	13-15	100
M6 x 65 with screw	12	25	15-28	100
Hollow Wall Setting Tool				1



## DROP IN ANCHORS

Drop-in anchor with internal thread for pre-positioned installation. When the expander plug is driven in with EAW H Plus setting tool, the anchor sleeve is expanded and is tensioned against the hole wall.

### Advantages/benefits

Low anchoring depth reduces drilling time and thus cost-efficient installation.  
 Surface flush anchor allows the attached item to be removed and refitted several times.  
 8 to 16mm diameter also for reduced anchoring depths, e.g. for small loads or if reinforcements are hit.  
 Embossed letter on the head for subsequent control of the installation as it indicates the setting depth.  
 Hook anchor FBN 8 H for simple installation of meshed reinforcements, wire gratings, etc.

### Suitable for:

Non-cracked concrete C12/15, natural stone with dense structure.  
 Suitable for non-cracked concrete and for anchoring light ceiling linings and suspended ceilings.  
 Suitable for all screws or studs with metric threads.

### Typical Application

Pipes, ventilation systems, sprinkler systems, consoles, steel constructions, gratings, cable trays, facades, suspended ceilings.



LIPPED DROP-IN ANCHOR

### Drop-in Anchor TL

TYPE	DRILL Ø (MM)	MIN. DRILL HOLE DEPTH T (MM)	EFFECT. ANCHORAGE DEPTH HEF (MM)	ANCHOR LENGTH L (MM)	THREAD	BOX QTY
TL Drop-in Anchor M6	8	25	25	25	M6	100
TL Drop-in Anchor M8	10	30	30	30	M8	100
TL Drop-in Anchor M10	12	40	40	40	M10	50
TL Drop-in Anchor M12	16	55	55	55	M12	50
TL Drop-in Anchor M16	20	65	65	65	M16	20
EA M 16 N	20	65	65	65	M16	25
EA M 20 N	25	80	80	80	M20	25
Lipped Drop-in Anchor M8	10	32	30	25	M8	100
Lipped Drop-in Anchor M10	12	33	30	25	M10	50

Can be used in conjunction with hammer set tool & sleeve anchor.

## HAMMERSET TOOLS

TYPE	FITS	BOX QTY
EAW H 6	TL, EA M6	1
EAW H 8	TL, EA M8	1
EAW H 8 x40	TL, EA M8 x40	1
EAW H 10	TL, EA M10	1
EAW H 12	TL, EA M12	1
EAW H16	TL, EA M16	1
EAW H 20	TL, EA M20	1



Door closers available from page 97 of the Ironmongery section.



## SPIT ISOMET INSULATION ANCHOR

An all metal through fix anchor for insulation materials.

### Advantages/benefits

Quick and easy to install. Tapered shank to aid installation. 100% metal anchor (fire-resistant tested by CSTB). Holes in head provide key for render. Large diameter head to support insulation material. Barbs to offer extra grip in the expansion zone.

### Suitable for:

Concrete, solid block, solid brick, stone.

### Typical Application

Insulation materials.

CODE	DESCRIPTION	DRILL Ø (MM)	OVERALL LENGTH (MM)	MAX. INSULATION THICKNESS (MM)	MIN. DRILL DEPTH (MM)	MIN. EMBED. (MM)	BOX QTY
059700	SS8 - 30	8	80	30	60	50	250
059710	SS8 - 60	8	110	60	60	50	250
059720	SS8 - 90	8	140	90	60	50	250

Other lengths available to order in stainless steel.

## SPIT ISO UNIVERSAL INSULATION ANCHOR

A pre-assembled through fixing anchor for insulation materials.

### Advantages/benefits

Rough cast head provides a key for render. Quick and easy to install through the insulation Ø 50 for rigid insulation material. Very good performance in hollow materials. Rigid, watertight glass fibre nail.

### Suitable for:

Concrete, hollow floor beams, solid block, solid brick, stone.

### Typical Application

Fixing of rigid insulation onto solid materials. Internal and external insulation boards.

Note: The anchor must be protected from UV rays by a suitable screen such as rendering or panelling.

CODE	DESCRIPTION	DRILL Ø (MM)	OVERALL LENGTH (MM)	MAX. INSULATION THICKNESS (MM)	MIN. DRILL DEPTH (MM)	MIN. EMBED. (MM)	BOX QTY
057600	10 - 30	10	60	30	50	30	200
057610	40 - 60	10	90	60	50	30	200
057620	70 - 80	10	110	80	50	30	200
057630	90 - 100	10	130	100	50	30	200
057640	110 - 120	10	150	120	50	30	200

## IDP INSULATION FASTENER

### Advantages/benefits

Excellent bonding of plaster on special structured fastener head.

### Suitable for:

Concrete, hollow floor beams, solid block, solid brick, stone.

### Typical Application:

Fastening of hard, self supporting insulation materials, such as expanded polystyrene.

DESCRIPTION	DRILL Ø (MM)	HOLE Ø (MM)	OVERALL LENGTH (MM)	MAX. INSULATION THICKNESS (MM)	MIN. HOLE DEPTH (MM)	BOX QTY
IDP 0/2	8	8	50	up to 20	50	500
IDP 0/2	8	8	70	20 - 40	50	500
IDP 0/2	8	8	90	40 - 60	50	500
IDP 0/2	8	8	110	60 - 80	50	500
IDP 0/2	8	8	130	80 - 100	50	500
IDP 0/2	8	8	150	100 - 120	50	500
IDP 0/2	8	8	180	130 - 150	50	500



## METAL HAMMER DRIVE

### Suitable for:

Brick, concrete.

SIZE (MM)	HOLE DIAMETER (MM)	SHEAR LOAD (KN)*	ANCHORAGE DEPTH (MM)	BOX QTY
6 x 40	6	1.1/1.4	35	100
6 x 70	6	1.1/1.4	40	100



## NAIL IN ANCHOR

### Zinc Alloy Type

### Suitable for:

Brick, concrete.

SIZE (MM)	HOLE DIAMETER (MM)	SHEAR LOAD (KN)*	ANCHORAGE DEPTH (MM)	BOX QTY
6 x 30	6	1.4	30	200
6 x 40	6	1.4	40	100
6 x 50	6	1.4	50	100
6 x 65	6	1.4	65	100



## NAIL IN ANCHOR

### All Metal Type

### Suitable for:

Brick, concrete.

SIZE (MM)	HOLE DIAMETER (MM)	SHEAR LOAD (KN)*	ANCHORAGE DEPTH (MM)	BOX QTY
6 x 30	6	0.18	30	100
6 x 35	6	0.18	35	100
6 x 40	6	0.18	40	100
6 x 50	6	0.18	50	100



\*Performance may vary by manufacturer. Contact us for more information.

## WIREHANGERS

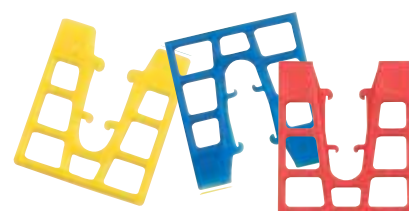
SIZE (MM)	HOLE Ø (MM)	BOX QTY
M6 x 55	6	100



## PLASTIC PACKING SHIMS

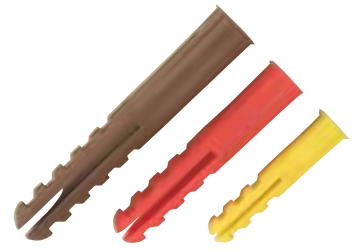
Economical levelling and packing out of frames and battens.

SIZE (MM)	THICKNESS (MM)	COLOUR	BOX QTY
40 x 45, 50 x 100	1	Yellow	1000
40 x 45, 50 x 100	1.5	White	1000
40 x 45, 50 x 100	2	Green	1000
40 x 45, 50 x 100	3	Blue	1000
40 x 45, 50 x 100	4	Red	1000
40 x 45, 50 x 100	5	Brown	1000
40 x 45, 50 x 100	6	Black	1000
40 x 45, 50 x 100	10	Grey	500



## PLASTIC PLUGS

COLOUR	SCREW SIZE		HOLE DIAMETER	PLUG LENGTH	BOX QTY
	(MM)	GAUGE (G)	(MM)		
Yellow	3-5	4-10	5	25	1000
Red	3.5-5.5	6-12	6	35	1000
Brown	5-6	10-12	7	45	1000



## FISCHER TYPE SX HIGH PERFORMANCE NYLON WALLPLUG

DESCRIPTION	SIZE (MM)	HOLE DIAMETER (MM)	MIN. HOLE DEPTH (MM)	MIN. ANCHORAGE DEPTH (MM)	USE WITH WOODSCREW (MM)	BOX QTY
SX4	4 x 20	4	25	20	2-3	200
SX5	5 x 25	5	35	25	3-4	100
SX6	6 x 30	6	40	30	4-5	100
SX8	8 x 40	8	50	40	4.5-6	100
SX10	10 x 50	10	70	50	6-8	50
SX12	12 x 60	12	80	60	8-10	25
SX14	14 x 70	14	90	70	10-12	20
SX16	16 x 80	16	80	60	8-10	10
SX6L	6 x 50	6	60	50	4-5	100
SX8L	8 x 65	8	75	65	4.5-6	50



## FISCHER TYPE S NYLON WALLPLUG

DESCRIPTION	SIZE (MM)	HOLE DIAMETER (MM)	MIN. HOLE DEPTH (MM)	MIN. ANCHORAGE DEPTH (MM)	USE WITH WOODSCREW (MM)	BOX QTY
S4	4 x 20	4	25	20	2-3	100
S5	5 x 25	5	35	25	3-4	100
S6	6 x 30	6	40	30	4-5	100
S7	7 x 30	7	40	30	4-5.5	100
S8	8 x 40	8	55	40	4.5-6	100
S10	10 x 50	10	70	50	6-8	50
S12	12 x 60	12	80	60	8-10	25
S14	14 x 75	14	90	75	10-12	20
S16	16 x 80	16	100	80	12	10
S20	20 x 90	20	120	90	16	5



## FISCHER TYPE GB AIRCRETE TWIST LOCK ANCHOR

DESCRIPTION	SIZE (MM)	HOLE DIAMETER (MM)	MIN. HOLE DEPTH (MM)	MIN. ANCHORAGE DEPTH (MM)	USE WITH WOODSCREW (MM)	BOX QTY
GB8	8 x 50	8	60	50	5	25
GB10	10 x 55	10	65	55	7	20
GB14	14 x 75	14	90	75	10	10



## FISCHER TYPE UX PLUG UNIVERSAL PLUG

DESCRIPTION	SIZE (MM)	HOLE DIAMETER (MM)	MIN. HOLE DEPTH (MM)	MIN. ANCHORAGE DEPTH (MM)	USE WITH WOODSCREW (MM)	BOX QTY
UX6	6 x 35	6	45	9.5	4-5	100
UX8	8 x 50	8	60	9.5	4.5-6	100
UX10	10 x 60	10	75	12.5	6-8	50
UX12	12 x 70	12	85	-	8-10	25
UX14	14 x 75	14	95	-	10-12	20
UX6R	6 x 35	6	45	9.5	4-5	100
UX8R	8 x 50	8	60	9.5	4.5-6	100
UX10R	10 x 60	10	75	12.5	6-8	50
UX6L	6 x 50	6	60	9.5	4-5	100
UX6LR	6 x 50	8	60	9.5	4-5	100

