



f^m ferrometal

fix master
CONSTRUCTION FASTENERS

Ferrometal Oy founded in 1976

Location: Nurmijärvi, Finland.

Stocked articles 45.000 pcs.

Pallet locations in stock: 14.000 pcs.

Part of Würth Group since 1989.

Modern logistics to guarantee superior service level.

Quick and prompt deliveries.

In the Baltic region, Ferrometal Oy is known as the industry-leading supplier of fasteners and other small accessories required for the assembly and installation of our customers' end products. Having the widest product range in the field ensures that the products required are quickly found and delivered to the customers' production facilities or work sites in a timely manner.

For our industrial customers, we offer logistics solutions tailored to their needs and utilising the latest technology. We are known for our Rfid-Kanban solutions, as well as for our ability to streamline the customers' small accessories logistics.

With regard to our retailers, in addition to the products, we offer the training and the expert assistance required for serving specialised customers. Our retail solutions specially designed for retailers allow them to save space and to display the products in an excellently visible manner.

In the field of construction, we offer compliant, high-quality products – everything from fasteners used in foundations to roof installation works. In addition to the certificates required and up-to-date expertise, our training courses ensure distribution of the latest expertise in the field, all the way to the installation works.

Our success is based on satisfied customers relying on our industry and product-related skills.

Ferrometal. Fasteners for professionals.



A		EPDM seal washer, aluminium	107
Adjustable frame screw for stone/concrete	30	Express nail, zinc plated	32
Adjustable frame screw for wood, drill point	30	Extra battery for PowerMax guns	18
Adjustable frame screw for wood, sharp point	30	Eye screw	116
Adjustable magnetic chuck	125		
Aerated concrete screw, countersunk head, TX30	13	F	
Aerated concrete screw KBRM, mushroom head, TX40	13	Façade anchor Sormat S-KAR, stainless	28
Aerated concrete screw KBRM-P, round pan head, TX30	14	Façade construction screw to metal frame	54
Air pump	18	Façade construction screw to timber frame	54
Anchor nail, zinc-electroplated	114	Finish nail brass	121
Asphalt screw TSM A	33	Finish nail black	122
Asphalt screw installation accessories	34	Finish nail brass, droplet head	122
		Fixing bolt anchor SORMAT S-KA, zinc-electroplated	47-48
B		Fixing bolt anchor SORMAT S-KAH, acid-proof	50-51
Battery powered gun for chemical composite mortar	18	Fixing bolt anchor SORMAT S-KAK, hot-dip galvanised	49-50
Beam shoe	112	FixMaster FIT-Pe 270 Polyester	17
Beam shoe, stainless	113	FixMaster FIT-Ve 200 Vinylester	15
Blind rivet, round head	117-120	FixMaster FIT-Wi 200 Vinylester	16
Blind rivet, round head, painted	118-119	Flat washer for hexagonal screws and nuts	25-27
Bracket, symmetric	109	Frame anchor Sormat RU, stainless	28
Bracket, symmetric, reinforced	109		
Bracket, symmetric, stainless	110	G	
Brass anchor	31	General purpose screw, acid-proof, countersunk TX head, partial thread	78
Brass screw cap head DIN7996 PZ MS	64-65	General purpose screw, countersunk head, full thread	79
		General purpose screw cylinder head A4 Torx	68
C		H	
Chemical anchor stud, acid-proof	44	Hammer rivet	31
Chemical anchor stud, hot dip galvanised	44	Hexagon head, wood screw Cap screw	61-64
Chemical anchor stud, zinc-electroplated	43	Hexagon nut	22-25
Chemical compound for asphalt screw	34	Ho-Bau screw	72-73
Chipboard screw, countersunk head, full thread	76-77		
Chipboard screw, countersunk head, partial thread	75-76	I	
Chipboard screw, cylinder head, A2, TX	65-66	Impact anchor SORMAT LA, zinc-electroplated	51
Chipboard screw, cylinder head, TX	67-68	Impact anchor SORMAT LAH, acid-proof	52
Chipboard screw, stainless, countersunk head, full thread	79	Impact anchor SORMAT LAL, with flange, zinc-electroplated	52
Cleaning brush	19	Insulation board anchor TIDR A2	33
		Insulation board anchor TIDS ZN	32-33
D		L	
Detachable nozzle for chemical mass cartridges	17	Luja screw	107
Drill bit, Plus	35-36		
Drill bit, SDS Max	35	M	
Drilling screw, countersunk head, PH head PIAS	98	Magnetic chuck	124
Drilling screw, c.sunk head with wings, PH, PIASTA Flygel	100	Magnetic holder	125
Drilling screw, countersunk head with wings, PH, PIAS Flygel	99	Metal lath support SORMAT RVKM, plastic	29
Drilling screw, c.sunk head with wings, TX, PIAS flygel	99-100	Metal lath support, stainless SORMAT RVK	29
Drilling screw, hexagon head PIASTA	89-90	Multi-purpose anchor YLT	41
Drilling screw, hexagon head PIAS	91-94		
Drilling screw, hexagon head, long drill tip	89	N	
Drilling screw, hexagon head, long drill tip PIAS	93-94	Nailing plate screw, Ruspert-coated, round pan head	115
Drilling screw, hexagon head, long drill tip PIASTA	90	Nailing plate screw, stainless A2, round pan head	115
Drilling screw, round pan head, PH, PIASTA stainless		Nail plate, stainless	111
A2 + RUSPERT coating	81	Nylon plug NAT	40
Drilling screw, round pan head, PH, PIAS stainless		Nylon plug GRIPPER	42
AISI410 + RUSPERT coating	82	Nylon plug NAT L	41
Drilling screw, round pan head, PH, PIAS carbon steel			
+ RUSPERT coating	82	P	
Drilling screw, round pan head, PH, PIAS zinc-electroplated	83	Pan head drilling screw (KFR), painted, PH head	96
		Pan head drilling screw (KFR), PH head	95
E		Pan head drilling screw (KFR), PH head PIAS stainless AISI410	97
EK plasterboard screw, coarse/spike For extra hard plasterboard	55	Pan head drilling screw (KFR), PH head PIAS	97-98
EK plasterboard screw, fine/spike For extra hard plasterboard	56	Particle board screw, TX countersunk head, partial thread	77-78
Element screw, carbon steel + RUSPERT coating PIAS	80		
EPDM seal washer, A2 stainless	107-108		

Particle board screw c.sunk head Fix-cutter, partially threaded	74	Sheet metal screw KFR, zinc-electroplated, PH	58-59
Particle board screw countersunk head Fix-cutter, fully threaded	75	Sheet metal screw KFR, zinc-electroplated, TX	59
Pillar shoe, adjustable, hot dip galvanised	114	Snake polyamide	34
Pillar shoe, type I, hot dip galvanised	114	SORMAT KBT Plastic	39
Pillar shoe, type U, hot dip galvanised	113	SORMAT KBTM Metal	39
Plasterboard screw, coarse/spike	55	SORMAT KEM-VE Vinyl ester	43
Plasterboard screw, coarse thread, blue passivated, in strip spike tip	58	SORMAT KLA Metal	37
Plasterboard screw, double thread, blue passivated, in strip spike tip	57	SORMAT KLA Nylon	37
Plasterboard screw, fine/drill	57	SORMAT LIT Batten plug	41-42
Plasterboard screw, fine/spike	56	SORMAT LYT Countersunk head, yellow passivated	44-45
Plasterboard screw, fine thread, phosphate coated, in strip spike tip	58	SORMAT LYT Cylinder head, stainless	45
Plastic sleeve IOV	19	SORMAT LYT Cylinder head, zinc-electroplated	45
Plumber's sealing screw, drill tip	104-105	SORMAT LYT Round countersunk head, zinc-electroplated	46
Plumber's sealing screw, sharp tip	101-103,105-106	SORMAT MOLA Metal anchor	38
		SORMAT OLA Plastic anchor	40
		SORMAT ZN Hexagon head	46
		SORMAT ZN Countersunk head	47
		Spring chuck	125

R

Raptor mounting screw, drill tip with male thread zinc-electroplated	116
Raptor mounting screw with female thread zinc-electroplated	116
Roofing screw, countersunk head, PH, yellow passivated	73-74
Rooflight screw, drill tip	106
Rooflight screw, sharp tip	106

S

SAKU rebuilding bracket, reinforced	110
Screw anchor, countersunk head, zinc-electroplated Fix-con	12
Screw anchor, hexagon head, zinc-electroplated Fix-con	12-13
Screw anchors with round pan head Zinc-electroplated, TSM-P	8
Screw anchors with wide round pan head Zinc-electroplated, TSM-LP	9
Screw anchor with a female thread zinc-electroplated, TSM-IM	12
Screw anchor with countersunk head A4, TSM-C	10
Screw anchor, csunk head Zinc-electroplated steel, TSM-C	10-11
Screw anchor with hexagon head Acid-proof steel A4, TSM	6
Screw anchor with hexagon head Zinc flake coated steel, TSM	6-7
Screw anchor with male thread Acid-proof steel A4, TSM	11
Screw anchor with male thread Zinc-electroplated steel, TSM	11
Screw anchor with round pan head Acid-proof steel A4, TSM-P	8
Screw anchor with round pan head Zinc-electroplated, TSM-L	9
Screwdriver bit PH	122-123
Screwdriver bit PH, narrow	123
Screwdriver bit PZ,	123
Screwdriver bit TX	124
Self-drilling screw, hex head, includes seal PIASTA A2+RUSP.	84
Self-drilling screw, hex head, includes seal PIASTA A2 + RUSPERT, long drill tip	85
Self-drilling screw, hex head, includes seal PIAS carbon steel + RUSPERT	86
Self-drilling screw, hexagon head, includes seal PIAS carbon steel + RUSPERT, long drill tip	87
Self-drilling screw, hex head, includes seal PIAS zinc-electroplated	87-88
Self-drilling screw, hex head, includes seal PIAS zinc-electroplated, long drill tip	88
Self-drilling screw, hex head, includes seal PIAS AISI410+RUSPERT	85-86
Setting tool MOLA	38
Setting tool for impact anchor PRO	53
Sheet metal screw KFR, black passivated, PH	60
Sheet metal screw KFR, painted white, PH	61
Sheet metal screw KFR, stainless, AISI410, PH	60

T

Terrace screw A2, cutting head, TX Stainless steel A2, bright	70
Terrace screw AISI410, TX Stainless steel AISI410, brown	71
Threaded rod	19-22
Two-way drill bit, HSCO	121
Two-way drill bit, HSS	121

W

Washer for express nail	32
Wood screw, brass, countersunk head	71-72
Wood screw, oval head	69

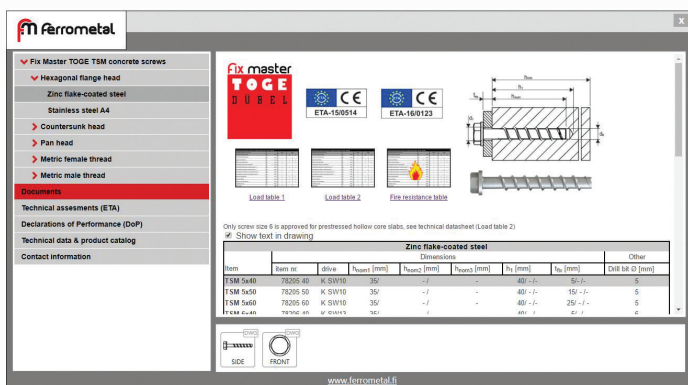
Fix master FIT



**ETA approved Fix master anchoring technology;
Tools from designing to assemblies!**

Ask for more information!

ProdLib



www.ferrometal.fi

Ferrometal Oy, Karhutie 9, 01900 Nurmijärvi, Finland. Tel. +358 10 308 11, sales@ferrometal.fi



Screw anchor with hexagon head Acid-proof steel A4, TSM

- Quick and safe installation
- High load resistance in cracked and non-cracked concrete
- Transfers loads via threading to hole walls
- Can be removed without residue
- Can be instantly loaded

- **Material :** Stainless steel A4

Art. No.	Type description	Drill hole diameter	Nominal diameter	Length	Width across flats	Product weight (per item)
78406 50	6X50/15/10/- (pack 100 pcs)	6 mm	7.5 mm	50 mm	13 mm	19.000 g
78406 60	6X60/25/20/5 (pack 100 pcs)	6 mm	7.5 mm	60 mm	13 mm	21.200 g
78408 70	8X70/25/15/5 (pack 50 pcs)	8 mm	10 mm	70 mm	13 mm	39.600 g
78408 80	8X70/25/15/5 (pack 50 pcs)	8 mm	10 mm	80 mm	13 mm	42.300 g
784010 90	8X80/35/25/15 (pack 50 pcs)	10 mm	12 mm	90 mm	15 mm	74.000 g
784010 100	10X100/45/25/15 (pack 50 pcs)	10 mm	12 mm	100 mm	15 mm	78.900 g
784010 120	10X120/65/45/35 (pack 50 pcs)	10 mm	12 mm	120 mm	15 mm	93.100 g



Screw anchor with hexagon head Zinc flake coated steel, TSM

- Quick and safe installation
- High load resistance in cracked and non-cracked concrete
- Transfers loads via threading to hole walls
- Can be removed without residue
- Can be instantly loaded

- **Material :** Steel
- **Surface :** Flake zinc

Art. No.	Type description	Drill hole diameter	Nominal diameter	Length	Width across flats	Product weight (per item)
78205 40	5X40/5/-/- (pack 100 pcs)	5 mm	6 mm	40 mm	10 mm	9.000 g
78205 50	5X50/15/-/- (pack 100 pcs)	5 mm	6 mm	50 mm	10 mm	10.000 g
78205 60	5X60/25/-/- (pack 100 pcs)	5 mm	6 mm	60 mm	10 mm	12.000 g
78206 40	6X40/5/-/- (pack 100 pcs)	6 mm	7.5 mm	40 mm	13 mm	11.600 g
78206 50	6X50/15//10/- (pack 100 pcs)	6 mm	7.5 mm	50 mm	13 mm	17.400 g
78206 60	6X60/25/20/5 (pack 100 pcs)	6 mm	7.5 mm	60 mm	13 mm	19.500 g
78206 80	6X80/45/40/25 (pack 100 pcs)	6 mm	7.5 mm	80 mm	13 mm	12.000 g

Screw anchor with hexagon head Zinc flake coated steel, TSM

Art. No.	Type description	Drill hole diameter	Nominal diameter	Length	Width across flats	Product weight (per item)
78206 100	6X100/65/60/45 (pack 100 pcs)	6 mm	7.5 mm	100 mm	13 mm	27.700 g
78208 50	8X50/5/-/ (pack 50 pcs)	8 mm	10 mm	50 mm	13 mm	30.000 g
78208 60	8X60/15/5/- (pack 50 pcs)	8 mm	10 mm	60 mm	13 mm	34.600 g
78208 70	8X70/25/15/5 (pack 50 pcs)	8 mm	10 mm	70 mm	13 mm	38.000 g
78208 80	8X80/35/25/15 (pack 50 pcs)	8 mm	10 mm	80 mm	13 mm	42.000 g
78208 90	8X90/45/35/25 (pack 50 pcs)	8 mm	10 mm	90 mm	13 mm	46.000 g
78208 100	8X100/55/45/35 (pack 50 pcs)	8 mm	10 mm	100 mm	13 mm	48.900 g
78208 120	8X120/75/65/55 (pack 50 pcs)	8 mm	10 mm	120 mm	13 mm	56.500 g
78208 140	8X140/95/85/75 (pack 50 pcs)	8 mm	10 mm	140 mm	13 mm	63.700 g
782010 60	10X60/5/-/ (pack 50 pcs)	10 mm	12 mm	60 mm	15 mm	53.000 g
782010 70	10X70/15/-/ (pack 50 pcs)	10 mm	12 mm	70 mm	15 mm	59.000 g
782010 80	10X80/25/25/5/- (pack 50 pcs)	10 mm	12 mm	80 mm	15 mm	65.800 g
782010 90	10X90/35/15/5 (pack 50 pcs)	10 mm	12 mm	90 mm	15 mm	71.500 g
782010 100	10X100/45/25/15 (pack 50 pcs)	10 mm	12 mm	100 mm	15 mm	77.400 g
782010 120	10X120/65/45/35 (pack 50 pcs)	10 mm	12 mm	120 mm	15 mm	90.000 g
782010 140	10X140/85/65/55 (pack 50 pcs)	10 mm	12 mm	140 mm	15 mm	104.000 g
782010 150	10X150/95/75/65 (pack 50 pcs)	10 mm	12 mm	150 mm	15 mm	109.000 g
782010 160	10X160/105/85/75 (pack 50 pcs)	10 mm	12 mm	160 mm	15 mm	113.800 g
782010 180	10X180/125/105/95 (pack 25 pcs)	10 mm	12 mm	180 mm	15 mm	165.100 g
782010 200	10X200/145/125/115 (pack 25 pcs)	10 mm	12 mm	200 mm	15 mm	178.000 g
782010 240	10X240/185/165/155 (pack 25 pcs)	10 mm	12 mm	240 mm	15 mm	203.000 g
782010 360	10X260/305/285/275 (pack 25 pcs)	10 mm	12 mm	360 mm	15 mm	280.000 g
782010 280	10X280/225/205/195 (pack 25 pcs)	10 mm	12 mm	280 mm	15 mm	231.000 g
782010 320	10X320/265/245/235 (pack 25 pcs)	10 mm	12 mm	320 mm	15 mm	272.800 g
782010 400	10X400/345/325/315 (pack 25 pcs)	10 mm	12 mm	400 mm	15 mm	14.800 g
782012 80	12X80/15/-/ (pack 25 pcs)	12 mm	14 mm	80 mm	17 mm	92.000 g
782012 110	12X110/45/25/10 (pack 25 pcs)	12 mm	14 mm	110 mm	17 mm	116.000 g
782012 130	12X130/65/45/30 (pack 25 pcs)	12 mm	14 mm	130 mm	17 mm	134.000 g
782012 150	12X150/85/65/50 (pack 25 pcs)	12 mm	14 mm	150 mm	17 mm	144.000 g
782014 80	14X80/5/-/ (pack 25 pcs)	14 mm	16 mm	80 mm	21 mm	136.000 g
782014 110	14X110/55/30/15 (pack 25 pcs)	14 mm	16 mm	110 mm	21 mm	171.000 g
782014 130	14X130/55/30/15 (pack 25 pcs)	14 mm	16 mm	130 mm	21 mm	195.400 g
782014 150	14X150/75/50/35 (pack 25 pcs)	14 mm	16 mm	150 mm	21 mm	217.000 g



Screw anchor with round pan head Acid-proof steel A4, TSM-P

- Quick and safe installation
- High load resistance in cracked and non-cracked concrete
- Transfers loads via threading to hole walls
- Can be removed without residue
- Can be instantly loaded

- **Material :** Stainless steel A4
- **Drill hole diameter :** 6 mm
- **Nominal diameter :** 7.5 mm
- **Internal drive :** TX30

Art. No.	Type description	Length	Product weight (per item)
78426 50	6X50/15/10/- (pack 100 pcs)	50 mm	13.800 g
78426 60	6X60/25/20/5 (pack 100 pcs)	60 mm	15.000 g
78426 80	6X80/45/40/25 (pack 100 pcs)	80 mm	20.000 g
78426 100	6X100/65/60/45 (pack 100 pcs)	100 mm	23.000 g



Screw anchors with round pan head Zinc-electroplated, TSM-P

- Quick and safe installation
- High load resistance in cracked and non-cracked concrete
- Transfers loads via threading to hole walls
- Can be removed without residue
- Can be instantly loaded

- **Material :** Steel
- **Internal drive :** TX30
- **Surface :** Galvanised

Art. No.	Type description	Drill hole diameter	Nominal diameter	Length	Product weight (per item)
78225 40	5X40/5/-/- (pack 100 pcs)	5 mm	6 mm	40 mm	8.100 g
78225 50	5X50/15/-/- (pack 100 pcs)	5 mm	6 mm	50 mm	9.400 g
78225 60	5X60/25/-/- (pack 100 pcs)	5 mm	6 mm	60 mm	10.800 g
78226 40	6X40/5/-/- (pack 100 pcs)	6 mm	7.5 mm	40 mm	11.000 g
78226 50	6X50/15/10/- (pack 100 pcs)	6 mm	7.5 mm	50 mm	13.500 g
78226 60	6X60/25/20/5 (pack 100 pcs)	6 mm	7.5 mm	60 mm	15.200 g
78226 80	6X80/45/40/25 (pack 100 pcs)	6 mm	7.5 mm	80 mm	19.600 g
78226 100	6X100/65/60/45 (pack 100 pcs)	6 mm	7.5 mm	100 mm	23.000 g



Screw anchor with round pan head Zinc-electroplated, TSM-L

- Approved for installation
- High load resistance in cracked and non-cracked concrete
- Small boreholes
- Quick and safe installation
- Low anchor depth

- **Type description** : 6(7,5)X28/3
- **Material** : Steel
- **Drill hole diameter** : 6 mm
- **Nominal diameter** : 7.5 mm
- **Length** : 28 mm
- **Internal drive** : TX30
- **Product weight (per item)**: 8.000 g
- **Surface** : Galvanised

Art. No.	
5929506028	



Screw anchors with wide round pan head Zinc-electroplated, TSM-LP

- Quick and safe installation
- High load resistance in cracked and non-cracked concrete
- Transfers loads via threading to hole walls
- Can be removed without residue
- Can be instantly loaded

- **Material** : Steel
- **Drill hole diameter** : 6 mm
- **Nominal diameter** : 7.5 mm
- **Internal drive** : TX30
- **Surface** : Galvanised

Art. No.	Type description	Length	Product weight (per item)
78236 40	6X40/5/-/- (pack 100 pcs)	40 mm	12.700 g
78236 60	6X60/25/20/5 (pack 100 pcs)	60 mm	17.000 g



Screw anchor with countersunk head Acid-proof steel A4, TSM-C

- Quick and safe installation
- High load resistance in cracked and non-cracked concrete
- Transfers loads via threading to hole walls
- Can be removed without residue
- Can be instantly loaded

- **Material :** Stainless steel A4

Art. No.	Type description	Product weight (per item)	Nominal diameter	Length	Internal drive
78416 50	6X50/15/10/- (pack 100 pcs)	12.000 g	7.5 mm	50 mm	TX30
78416 65	6X65/30/25/10 (pack 100 pcs)	15.300 g	7.5 mm	65 mm	TX30
78416 85	6X85/50/45/30 (pack 100 pcs)	19.100 g	7.5 mm	85 mm	TX30
78416 105	6X105/50/45/30 (pack 100 pcs)	15.000 g	7.5 mm	105 mm	TX30
78418 80	8X80/35/25/15 (pack 50 pcs)	37.300 g	7.5 mm	80 mm	TX40
784110 90	10X90/35/15/5	60.000 g	12 mm	90 mm	TX50
78410 90	10X90/35/15/5 (pack 50 pcs)	63.000 g	12 mm	90 mm	TX50



Screw anchor with countersunk head Zinc-electroplated steel, TSM-C

- Quick and safe installation
- High load resistance in cracked and non-cracked concrete
- Transfers loads via threading to hole walls
- Can be removed without residue
- Can be instantly loaded

- **Surface :** Galvanised

Art. No.	Type description	Material	Product weight (per item)	Nominal diameter	Length	Internal drive
78215 40	5X40/5/-/- (pack 100 pcs)	Zinc	6.900 g	6 mm	40 mm	TX25
78215 50	5X50/15/-/- (pack 100 pcs)	Zinc	7.900 g	6 mm	50 mm	TX25
78215 60	5X60/25/-/- (pack 100 pcs)	Zinc	9.200 g	6 mm	60 mm	TX25
78216 40	6X40/5/-/- (pack 100 pcs)	Zinc	9.600 g	7.5 mm	40 mm	TX30
78216 50	6X50/15/10/- (pack 100 pcs)	Zinc	11.000 g	7.5 mm	50 mm	TX30
78216 60	6X60/25/20/5 (pack 100 pcs)	Zinc	13.300 g	7.5 mm	60 mm	TX30
78216 80	6X80/45/40/25 (pack 100 pcs)	Zinc	17.500 g	7.5 mm	80 mm	TX30
78216 100	6X100/65/60/45 (pack 100 pcs)	Zinc	21.600 g	7.5 mm	100 mm	TX30
78216 120	6X120/85/80/65 (pack 100 pcs)	Zinc	26.000 g	7.5 mm	120 mm	TX30
78216 140	6X140/105/100/85 (pack 100 pcs)	Zinc	30.000 g	7.5 mm	140 mm	TX30

Screw anchor with countersunk head Zinc-electroplated steel, TSM-C

Art. No.	Type description	Material	Product weight (per item)	Nominal diameter	Length	Internal drive
78218 80	8X80/35/25/15 (pack 50 pcs)	Zinc	37.000 g	10 mm	80 mm	TX40
782110 90	10X90/35/15/5 (pack 50 pcs)	Steel	59.700 g	6 mm	90 mm	TX50



Screw anchor with male thread Acid-proof steel A4, TSM

- Quick and safe to install
- High load resistance in cracked and non-cracked concrete
- Transfers loads via threading to hole walls
- Can be removed without residue
- Can be instantly loaded

- **Material:** Stainless steel A4

Art. No.	Type description	Product weight (per item)
78468 105	8X105 M10X30 ULKOKIERRE (pack 50 pcs)	43.000 g
784610 140	10X140 M12X35 ULKOKIERRE (pack 50 pcs)	1.000 g
784610 160	10X160 M12X55 ULKOKIERRE (pack 50 pcs)	102.000 g
784614 220	14X220 M16X80 ULKOKIERRE (pack 25 pcs)	1.000 g



Screw anchor with male thread Zinc-electroplated steel, TSM

- Quick and safe installation
- High load resistance in cracked and non-cracked concrete
- Transfers loads via threading to hole walls
- Can be removed without residue
- Can be instantly loaded

Art. No.	Type description	Material	Product weight (per item)
78256 35	6X35 M8X16 ULKOKIERRE (pack 100 pcs)	Zinc	13.900 g
78256 55	6X55 M8X16 ULKOKIERRE (pack 100 pcs)	Zinc	19.000 g
78256 75	6X75 M8X16 ULKOKIERRE (pack 100 pcs)	Zinc	22.000 g
78256 95	6X95 M8X16 ULKOKIERRE (pack 100 pcs)	Zinc	26.000 g
78268 105	8X105 M10X30 ULKOKIERRE (pack 50 pcs)	Zinc	1.000 g
782610 120	10X120 M12X20 ULKOKIERRE (pack 50 pcs)	Zinc	1.000 g
782612 165	10X165 M12X45 ULKOKIERRE (pack 50 pcs)	Zinc	1.000 g
782612 145	12X145 M14X35 ULKOKIERRE (pack 25 pcs)	Zinc	1.000 g
782610 165	M12x45		1.000 g



Screw anchor with a female thread zinc-electroplated, TSM-IM

- Quick and safe installation
- High load resistance in cracked and non-cracked concrete
- Transfers loads via threading to hole walls
- Can be removed without residue
- Can be instantly loaded

- **Material :** Steel
- **Drill hole diameter :** 6 mm
- **Nominal diameter :** 7.5 mm
- **Width across flats :** 13 mm
- **Female thread :** 8 mm
- **Female thread 2 :** 10 mm
- **Surface :** Galvanised

Art. No.	Type description	Length	Product weight (per item)
78246 35	6X35 M8/M10 SISÄKIERRE (pack 50 pcs)	35 mm	33.920 g
78246 55	6X55 M8/M10 SISÄKIERRE (pack 50 pcs)	55 mm	38.000 g



Fix master

Screw anchor, countersunk head, zinc-electroplated Fix-con

Art. No.	
----------	--



Fix master

Screw anchor, hexagon head, zinc-electroplated Fix-con

- **Material :** Zinc

Art. No.	Type description	Product weight (per item)
78006 35	6X35	5.600 g
78006 50	6X50	8.100 g
78006 80	6X80	12.600 g
780075 40	7,5X40	15.500 g
780075 50	7,5X50	17.900 g
780075 60	7,5X60	19.600 g
780075 80	7,5X80	25.400 g
780075 100	7,5X100	31.000 g
780075 120	7,5X120	36.800 g
780075 50	7,5x50	17.900 g
780010 60	10X60	33.500 g
780010 80	10X80	38.400 g

Screw anchor, hexagon head, zinc-electroplated Fix-con

Art. No.	Type description	Product weight (per item)
780010 100	10X100	48.000 g
780010 120	10X120	63.000 g



Fix master

Aerated concrete screw, countersunk head, TX30

Easy and quick to use aerated concrete screws for porous base materials, also for outdoor use

- Coarse thread aerated concrete screw anchors are designed for push-through installations in porous base materials, such as blocks.
- Pre-drilling is not normally required. The fitting can be screwed directly to the base material through a wood block. The minimum installation depth for aerated concrete screws is 60 mm.
- No special tools are required, and there is no pre-determined tightening torque.
- A torque-controlled tool or manual final tightening should be used to avoid overtightening.
- The screws are SITAC approved for corrosivity category C4, making them suitable for indoor, outdoor and industrial use.

Art. No.	Type description
78118 65	8X65
78118 90	8X90
78118 110	8X110
78118 130	8X130



SORMAT 

Aerated concrete screw KBRM, mushroom head, TX40

Aerated concrete screw (10.5 mm) for heavy loads

- The Sormat KBRM (10.5 mm) is an aerated concrete screw with a nano coating that is easy and quick to use. It is designed for porous base materials. The screws belong to the C4 corrosivity category, making them suitable for outdoor use and use in harsh and corrosive conditions.
- The aerated concrete screw anchors with coarse thread are designed for push-through installations in porous base materials, such as blocks. The screw is longer and thicker to enable deeper installation where the grip of the base material is improved. No separate pre-drilling is required.
- The aerated concrete screw has a cutting tip, which makes the screw self tapping.
- The shaped profile of the body makes installation easier and lighter. It reduces the installation torque required, especially in push-through installations in wood.
- The KBRM 10.5 is longer in size, which makes it possible to install loads which are three times greater when compared to the loads supported by the KBRM 8 version.
- The screws are equipped with a T40 driver and have a minimum installation depth of 160 mm.

Art. No.	Type description
781210 185	10,5X185
781210 210	10,5X210



Aerated concrete screw KBRM-P, round pan head, TX30

The aerated concrete screw is easy and quick to use. It is designed for porous base materials.

- The aerated concrete screw anchors with coarse thread are designed for push-through installations in porous base materials, such as blocks.
- Pre-drilling is not normally required. The fitting can be screwed directly to the base material through a wood block. The aerated concrete screws have a minimum installation depth of 60 mm.
- No special tools are required, and there is no pre-determined tightening torque.
- Installation should be done using a torque-controlled machine to avoid over tightening. Make the final tightening by hand.
- The screws are SITAC approved for corrosivity category C4, making them suitable for indoor, outdoor and industrial use.
-

Art. No.	Type description
78128 65	8X65
78128 90	8X90



FixMaster FIT-Ve 200 Vinylester

Approved chemical anchor for concrete and natural stone

- CE-market and ETA-approved anchor resin
- ETA option 1 approval for cracked concrete
- ETA Option 7 approval for un-cracked concrete
- Structural rebar approval according Eurocode 2
- For threaded rods M8-M30, classes 4.6-8.8
- Rebars 8 mm-32mm

Base materials :

- Cracked concrete
- Un-cracked concrete
- Natural stone

Benefits :

- Tested for fire resistance up to 240 minutes
- Fast curing time
- Small edge distances and anchor spacing
- LEED tested, A+ emission class
- Styren free

Art. No.	Type description	Product weight (per item)
7571300	300ml	558.000 g
7571420	420ml	680.000 g



FixMaster FIT-Wi 200 Vinylester

Winter resin for concrete and natural stone

- CE-market and ETA-approved anchor resin
- ETA option 1 approval for cracked concrete
- ETA Option 7 approval for un-cracked concrete
- For threaded rods M8-M30, classes 4.6-8.8
- Rebars 8 mm-32mm

Base materials :

- Cracked concrete
- Un-cracked concrete
- Natural stone

Benefits :

- Fast curing time
- Small edge distances and anchor spacing
- LEED tested, A+ emission class
- Styren free

Art. No.	Product weight (per item)
7572300	552.000 g
7572420	810.000 g



FixMaster FIT-Pe 270 Polyester

Approved chemical anchor for masonry and concrete base materials

- CE-market and ETA-approved anchor resin
- 18 different bricks and stones tested for the approval
- ETA option 7 approval for un-cracked concrete
- For threaded rods M8-M24, classes 4.6-8.8
- Installation to hollow base material together with sleeve

Base materials :

- Solid and hollow clay bricks
- Aerated concrete blocks
- Solid and hollow light expanded clay aggregate blocks
- Solid and hollow sand-lime bricks
- Non-cracked concrete

Benefits :

- Suitable for use in all masonry base materials
- Fast curing time
- Small edge distances and anchor spacing
- LEED tested, A+ emission class
- Styren free

Art. No.	Type description	Product weight (per item)
7570280	280 ml (pack 12 pcs)	532.000 g
7570300	300 ml (pack 12 pcs)	545.000 g
7570420	420 ml (pack 12 pcs)	838.000 g



Detachable nozzle for chemical mass cartridges

Art. No.	Type description	Product weight (per item)
7730100	ISL normaali (pack 10 pcs)	13.000 g
7730103	ISL pitkä 0,2m	5.000 g
77301031	ISL pitkä 1,0m (pack 1 pcs)	22.000 g



Fix master

Battery powered gun for chemical composite mortar

- The delivery includes gun, battery and charger packed in a durable plastic case.
- Adjustable compression speed
- Compression force 750 kg
- Battery Li-ion 3Ah, with charge status display
- Fast charging

Art. No.	Type description	Product weight (per item)
7505300	280-300 ML	5790.000 g
7505410	410-420 ML	6090.000 g
7505585	585 ML	7104.000 g



Fix master

Extra battery for PowerMax guns

- Suitable for all battery powered PowerMax guns
- Battery Li-ion 3Ah, with charge status display

- **Type description :** 3 Ah Li-ion
- **Product weight (per item):** 592.000 g

Art. No.	
7506144	



Air pump

For cleaning the chemical mass' borehole

- **Type description :** IPUM ILMAPUMPPU (pack 1 pcs)
- **Product weight (per item):** 236.000 g

Art. No.	
7730101	



Cleaning brush

For cleaning the chemical mass' borehole

Art. No.	Type description	Product weight (per item)
7730113	13X300 (pack 1 pcs)	41.000 g
7730118	18X300 (pack 1 pcs)	43.000 g
7730128	28X300 (pack 1 pcs)	55.000 g



Plastic sleeve IOV

Sleeves are designed to control the amount of chemical mass in anchoring to perforated brick and other hollow base materials.

Art. No.	Type description	Product weight (per item)
773041250	M6-M8 (pack 50 pcs)	0.900 g
7730415135	M10-M12 (pack 20 pcs)	3.200 g
773041585	M10-M12 (pack 20 pcs)	6.500 g
773042085	M16 (pack 20 pcs)	3.500 g



Threaded rod

DIN 975, stainless steel A4

- **Length :** 2000 mm
- **Material :** Stainless steel A4
- **Surface :** Bare
- **DIN :** 975
- **Identification colour :** Red

Art. No.	Thread type x nominal diameter	Type description	Product weight (per item)
095360	M6	M6X2000	354.000 g
095380	M8	M8X2000	638.000 g
0953100	M10	M10X2000	1000.000 g
0953120	M12	M12X2000	1450.000 g
0953160	M16	M16X2000	2660.000 g

Art. No.	Thread type x nominal diameter	Type description	Product weight (per item)
0953200	M20	M20X2000	4160.000 g
0953240	M24	M24X2000	6000.000 g
0953300	M30	M30X2000	9500.000 g
0953360	M36	M36X2000	13800.000 g



Threaded rod

DIN 975, steel 8.8, hot dip galvanized

- **Length :** 2000 mm
- **Material :** Steel
- **Surface :** Hot-dip galvanised
- **DIN :** 975

Art. No.	Thread type x nominal diameter	Type description	Product weight (per item)
095780	M8	M8X2000	628.000 g
0957100	M10	M10X2000	1000.000 g
0957120	M12	M12X2000	1450.000 g
0957160	M16	M16X2000	2660.000 g
0957200	M20	M20X2000	4160.000 g
0957240	M24	M24X2000	6000.000 g
0957270	M27	M27X2000	7630.000 g
0957300	M30	M30X2000	9500.000 g
0957330	M33	M33X2000	12000.000 g
0957360	M36	M36X2000	13800.000 g
0957390	M39	M39X2000	16242.000 g



Threaded rod

DIN 975, steel 8.8, zinc plated

- **Length :** 2000 mm
- **Material :** Steel
- **Surface :** Galvanised
- **DIN :** 975
- **Identification colour :** Yellow

Art. No.	Thread type x nominal diameter	Type description	Product weight (per item)
095960	M6	M6X2000	354.000 g
095980	M8	M8X2000	550.000 g
0959100	M10.000	M10X2000	970.000 g
0959120	M12	M12X2000	1428.000 g
0959160	M16	M16X2000	2660.000 g
0959200	M20	M20X2000	4160.000 g
0959240	M24	M24X2000	5934.000 g
0959270	M27	M27X2000	7700.000 g
0959300	M30	M30X2000	9500.000 g
0959360	M36	M36X2000	13800.000 g



Threaded rod

DIN 975, steel 4.6, zinc plated

- **Length :** 2000 mm
- **Material :** Steel
- **Surface :** Galvanised
- **DIN :** 975

Art. No.	Thread type x nominal diameter	Type description	Product weight (per item)
095850	M5	M5X2000	240.000 g
095860	M6	M6X2000	330.000 g
095880	M8	M8X2000	616.000 g
0958100	M10	M10X2000	976.000 g
0958120	M12	M12X2000	1275.000 g
0958160	M16	M16X2000	2660.000 g

Art. No.	Thread type x nominal diameter	Type description	Product weight (per item)
0958200	M20	M20X2000	4160.000 g
0958240	M24	M24X2000	6000.000 g
0958270	M27	M27X2000	3850.000 g
0958300	M30	M30X2000	9500.000 g
0958360	M36	M36X2000	13800.000 g



Fix master

Hexagon nut

DIN 934 (~ISO 4032), A4-80, acid-proof

- **Material :** Stainless steel A4
- **Surface :** Bare
- **DIN :** 934
- **ISO :** 4032
- **Property class :** 80

Art. No.	Thread type x nominal diameter	Pitch	Height	Type description	Product weight (per item)
100804	M4	0.7 mm	3.2 mm	M4	0.670 g
100805	M5	0.8 mm	4 mm	M5	1.100 g
100806	M6	1 mm	5 mm	M6	2.200 g
100808	M8	1.25 mm	6.5 mm	M8	4.800 g
1008010	M10	1.5 mm	8 mm	M10	10.400 g
1008012	M12	1.75 mm	10 mm	M12	15.500 g
1008016	M16	2 mm	13 mm	M16	30.290 g
100802015	M20	1.5 mm	16 mm	M20X1,5	57.000 g
1008020	M20	2.5 mm	16 mm	M20	56.500 g
1008024	M24	3 mm	19 mm	M24	110.000 g
1008030	M30	3.5 mm	24 mm	M30	223.000 g
1008036	M36	4 mm	29 mm	M36	371.000 g



Hexagon nut

DIN 934-8, strength class 8, hot dip galvanised

- **Material :** Steel
- **Surface :** Hot-dip galvanised
- **DIN :** 934
- **ISO :** 4032
- **Property class :** I8I

Art. No.	Thread type x nominal diameter	Pitch	External drive	Height	Type description	Product weight (per item)	Width across corners
53176	M6	1 mm	WS10	4.9 mm	M6	2.200 g	11.05 mm
53178	M8	1.25 mm	WS13	6.5 mm	M8	4.800 g	14.38 mm
531710	M10	1.5 mm	WS17	8 mm	M10	11.600 g	18.9 mm
531712	M12	1.75 mm	WS19	10 mm	M12	17.300 g	21.1 mm
531716	M16	2 mm	WS24	13 mm	M16	33.300 g	26.75 mm
531720	M20	2.5 mm	WS30	16 mm	M20	54.300 g	32.95 mm
531724	M24	3 mm	WS36	19 mm	M24	110.000 g	39.55 mm
531727	M27	3 mm	WS41	22 mm	M27	148.000 g	45.2 mm
531730	M30	3.5 mm	WS46	24.3 mm	M30	223.000 g	50.85 mm
531733	M33	3.5 mm	WS50	27.4 mm	M33	288.000 g	55.37 mm
531736	M36	4 mm	WS55	29.4 mm	M36	393.000 g	60.79 mm
531739	M39	4 mm	WS60	31.8 mm	M39	502.000 g	66.96 mm
531742	M42	4.5 mm	WS65	32.4 mm	M42	584.200 g	72.09 mm
531745	M45	4.5 mm	WS70	34.4 mm	M45	800.000 g	76.95 mm
531748	M48	5 mm	WS75	36.4 mm	M48	977.000 g	82.6 mm



Hexagon nut

DIN 934 (~ISO4032), strength class 8, zinc-electroplated

- **Material :** Steel
- **Surface :** Galvanised
- **DIN :** 934
- **ISO :** 4032

Art. No.	Thread type x nominal diameter	Pitch	External drive	Height	Type description	Product weight (per item)	Width across corners	Property class
03172	M2	0.4 mm	WS4	1.6 mm	M2	0.140 g	4.38 mm	I8I
031725	M2.5	0.45 mm	WS5	2 mm	M2,5	0.280 g	5.45 mm	I6I
03173	M3	0.5 mm	WS5.5	2.4 mm	M3	0.380 g	6.01 mm	I8I
031735	M3.5	0.6 mm	WS6	2.8 mm	M3,5	0.510 g	6.58 mm	I8I
03174	M4	0.7 mm	WS7	3.2 mm	M4	0.700 g	7.66 mm	I8I
03175	M5	0.8 mm	WS8	4 mm	M5	1.230 g	8.79 mm	I8I
03176	M6	1 mm	WS10	5 mm	M6	2.500 g	11.05 mm	I8I
03178 1	M8	1 mm	WS13	6.5 mm	M8/1,0	5.200 g	14.38 mm	I8I
03178	M8	1.25 mm	WS13	6.5 mm	M8	4.800 g	14.38 mm	I8I
031710 1	M10	1 mm	WS17	8 mm	M10/1	10.900 g	18.9 mm	I8I
031710	M10	1.5 mm	WS17	8 mm	M10	11.600 g	18.9 mm	I8I
031712 1	M12	1 mm	WS19	10 mm	M12/1,0	17.300 g	21.1 mm	I8I
031712 125	M12	1.25 mm	WS19	10 mm	M12/1,25	17.300 g	21.1 mm	I8I
031712 15	M12	1.5 mm	WS19	10 mm	M12/1,5	17.300 g	21.1 mm	I8I
031712	M12	1.75 mm	WS19	10 mm	M12	16.000 g	21.1 mm	I8I
031714 15	M14	1.5 mm	WS22	11 mm	M14/1,5	25.000 g	24.49 mm	I8I
031714	M14	2 mm	WS22	11 mm	M14	25.000 g	24.49 mm	I8I
031716 15	M16	1.5 mm	WS24	13 mm	M16/1,5	23.300 g	26.75 mm	I8I
031716	M16	2 mm	WS24	13 mm	M16	33.300 g	26.75 mm	I8I
031718 15	M18	1.5 mm	WS27	15 mm	M18/1,5	49.400 g	29.56 mm	I8I
031718	M18	2.5 mm	WS27	15 mm	M18	49.400 g	29.56 mm	I8I
031720 15	M20	1.5 mm	WS30	16 mm	M20/1,5	64.400 g	32.95 mm	I8I
031720	M20	2.5 mm	WS30	16 mm	M20	56.000 g	32.95 mm	I8I
031722 15	M22	1.5 mm	WS32	18 mm	M22/1,5	67.000 g	35.03 mm	I8I
031722	M22	2.5 mm	WS32	18 mm	M22	79.000 g	35.03 mm	I8I
031724 15	M24	1.5 mm	WS36	19 mm	M24/1,5	100.000 g	39.55 mm	I8I
031724 2	M24	2 mm	WS36	19 mm	M24/2,0	89.000 g	39.55 mm	I8I
031724	M24	3 mm	WS36	19 mm	M24	110.000 g	39.55 mm	I8I
031727 2	M27	2 mm	WS41	22 mm	M27/2,0	165.000 g	45.2 mm	I8I
031727	M27	3 mm	WS41	22 mm	M27	146.500 g	45.2 mm	I8I
031730 15	M30	1.5 mm	WS46	24 mm	M30/1,5	190.000 g	50.85 mm	I8I
031730 2	M30	2 mm	WS46	24 mm	M30/2	195.400 g	50.85 mm	I8I
031730	M30	3.5 mm	WS46	24 mm	M30	223.000 g	50.85 mm	I8I
031733	M33	3.5 mm	WS50	26 mm	M33	288.000 g	55.37 mm	I8I
031736 15	M36	1.5 mm	WS55	29 mm	M36/1,5	334.000 g	60.79 mm	I8I
031736 3	M36	3 mm	WS55	29 mm	M36/3	347.000 g	60.79 mm	I8I

Hexagon nut

Art. No.	Thread type x nominal diameter	Pitch	External drive	Height	Type description	Product weight (per item)	Width across corners	Property class
031736	M36	4 mm	WS55	29 mm	M36	350.000 g	60.79 mm	I8I
031739	M39	4 mm	WS60	31 mm	M39	455.000 g	66.96 mm	I8I
031742 3	M42	3 mm	WS65	34 mm	M42/3,0	584.200 g	72.09 mm	I8I
031742	M42	4.5 mm	WS65	34 mm	M42	584.200 g	72.09 mm	I8I
031745 3	M45	3 mm	WS70	34.3 mm	M45/3,0	739.000 g	76.95 mm	I8I
031745	M45	4.5 mm	WS70	34.3 mm	M45	800.000 g	76.95 mm	I8I
031748 3	M48	3 mm	WS75	38 mm	M48X3	977.000 g	82.6 mm	I8I
031748	M48	5 mm	WS75	38 mm	M48	977.000 g	82.6 mm	I8I



Flat washer for hexagonal screws and nuts

DIN 125, acid-proof steel A4

- **Material :** Stainless steel A4
- **DIN :** 125
- **ISO :** 7089
- **Vickers hardness, HV :** 140 HV

Art. No.	Type description	Product weight (per item)	Nominal diameter	Suitable for screw thread	Internal diameter x external diameter x thickness
10092	M2	0.010 g	2.200 mm	M2	2.2 x 5 x 0.3 mm
100925	M2,5	0.100 g	2.700 mm	M2.5	2.7 x 6 x 0.5 mm
10093	M3	0.120 g	3.200 mm	M3	3.2 x 7 x 0.5 mm
10094	M4	0.310 g	4.300 mm	M4	4.3 x 9 x 0.8 mm
10095	M5	0.440 g	5.300 mm	M5	5.3 x 10 x 1 mm
10096	M6	1.140 g	6.400 mm	M6	6.4 x 12 x 1.6 mm
10098	M8	2.140 g	8.400 mm	M8	8.4 x 16 x 1.6 mm
100910	M10	4.080 g	10.500 mm	M10	10.5 x 20 x 2 mm
100912	M12	6.270 g	13.000 mm	M12	13 x 24 x 2.5 mm
100914	M14	8.600 g	15.000 mm	M14	15 x 28 x 2.5 mm
100916	M16	11.300 g	17.000 mm	M16	17 x 30 x 3 mm
100918	M18	14.700 g	19.000 mm	M18	19 x 34 x 3 mm
100920	M20	17.200 g	21.000 mm	M20	21 x 37 x 3 mm
100922	M22	18.400 g	23.000 mm	M22	23 x 39 x 3 mm
100924	M24	32.300 g	25.000 mm	M24	25 x 44 x 4 mm
100927	M27	42.300 g	28.000 mm	M27	28 x 50 x 4 mm
100930	M30	53.600 g	31.000 mm	M30	31 x 56 x 4 mm
100933	M33	75.400 g	34.000 mm	M33	34 x 60 x 5 mm
100936	M36	92.000 g	37.000 mm	M36	37 x 66 x 5 mm
100939	M39	133.000 g	40.000 mm	M39	40 x 72 x 6 mm
100942	M42	183.000 g	43.000 mm	M42	43 x 78 x 7 mm
100945	M45	188.000 g	46.000 mm	M45	46 x 85 x 7 mm



Flat washer for hexagonal screws and nuts

DIN 126, steel, hot dip galvanised

- **Material :** Steel
- **DIN :** 126
- **ISO :** 7091
- **Vickers hardness, HV :** 100 HV

Art. No.	Type description	Product weight (per item)	Nominal diameter	Suitable for screw thread	Internal diameter x external diameter x thickness
54076	M6	1.140 g	6.6 mm	M6	6.6 x 12 x 1.6 mm
54078	M8	2.140 g	9 mm	M8	9 x 16 x 1.6 mm
540710	M10	4.080 g	11 mm	M10	11 x 20 x 2 mm
540712	M12	4.450 g	13.5 mm	M12	13.5 x 24 x 2.5 mm
540714	M14	8.600 g	15.5 mm	M14	15.5 x 28 x 2.5 mm
540716	M16	11.300 g	17.5 mm	M16	17.5 x 30 x 3 mm
540720	M20	17.200 g	22 mm	M20	22 x 37 x 3 mm
540722	M22	12.600 g	24 mm	M22	24 x 39 x 3 mm
540724	M24	32.300 g	28 mm	M24	28 x 44 x 4 mm
540727	M27	42.300 g	30 mm	M27	30 x 50 x 4 mm
540730	M30	53.600 g	33 mm	M30	33 x 56 x 4 mm
540733	M33	75.400 g	36 mm	M33	36 x 60 x 5 mm
540736	M36	92.000 g	39 mm	M36	39 x 66 x 5 mm
540739	M39	133.000 g	42 mm	M39	42 x 72 x 5 mm
540742	M42	183.000 g	45 mm	M42	43 x 78 x 7 mm
540745	M45	220.000 g	48 mm	M45	48 x 85 x 7 mm
540748	M48	255.000 g	52 mm	M48	52 x 92 x 8 mm



Flat washer for hexagonal screws and nuts

DIN 125, steel, zinc-electroplated

- **Material :** Steel
- **DIN :** 125
- **ISO :** 7089
- **Vickers hardness, HV :** 140 HV

Art. No.	Type description	Product weight (per item)	Nominal diameter	Suitable for screw thread	Internal diameter x external diameter x thickness
04072	M2	0.004 g	2.200 mm	M2	2.2 x 5 x 0.3 mm
040723	M2,3	0.092 g	2.500 mm	M2.3	2.5 x 6 x 0.5 mm
040725	M2,5	0.108 g	2.7 mm	M2.3	2.5 x 6 x 0.5 mm
040726	M2,6	0.130 g	2.800 mm	M2.6	2.8 x 7 x 0.5 mm
04073	M3	0.120 g	3.200 mm	M3	3.2 x 7 x 0.5 mm
04074	M4	0.310 g	4.300 mm	M4	4.3 x 9 x 0.8 mm
04075	M5	0.440 g	5.300 mm	M5	5.3 x 10 x 1 mm
04076	M6	0.830 g	6.400 mm	M6	6.4 x 12 x 1.6 mm
04077	M7	1.200 g	7.400 mm	M7	7.4 x 14 x 1.6 mm
04078	M8	1.520 g	8.400 mm	M8	8.4 x 16 x 1.6 mm
040710	M10	3.800 g	10.500 mm	M10	10.5 x 20 x 2.0 mm
040712	M12	6.270 g	13.000 mm	M12	13 x 24 x 2.5 mm
040714	M14	8.600 g	15.000 mm	M14	15 x 28 x 2.5 mm
040716	M16	9.600 g	17.000 mm	M16	17 x 30 x 3 mm
040718	M18	14.700 g	19.000 mm	M18	19 x 34 x 3 mm
040720	M20	14.500 g	21.000 mm	M20	21 x 37 x 3 mm
040722	M22	18.400 g	23.000 mm	M22	23 x 39 x 3 mm
040724	M24	29.000 g	25.000 mm	M24	25 x 44 x 4 mm
040727	M27	40.450 g	27.000 mm	M27	27 x 50 x 4 mm
040730	M30	48.000 g	31.000 mm	M30	31 x 56 x 4 mm
040733	M33	75.400 g	34.000 mm	M33	34 x 60 x 5 mm
040736	M36	92.000 g	37.000 mm	M36	37 x 66 x 5 mm
040739	M39	135.000 g	40.000 mm	M39	40 x 72 x 6 mm
040742	M42	183.000 g	43.000 mm	M42	43 x 78 x 7 mm
040745	M45	175.000 g	46.000 mm	M45	46 x 85 x 7 mm
040748	M48	284.000 g	50.000 mm	M48	50 x 92 x 8 mm
040758	M58	54.000 g	60.000 mm	M58	60 x 110 x 9 mm



SORMAT 

Frame anchor Sormat RU, stainless

An unbeatable solution for façade renovations !

- Heat insulation, supports and coatings installed during renovation increase the load on the old outer layer of the element and move the centre of the gravity outwards.
 - If there are concerns about the durability of the old truss and other fixings, the connection of the outer layer to the inner layer should be ensured with additional anchoring.
 - This system makes it possible to support the damaged outer layer of the element, provide additional support against compression forces and transfer the stresses to the inner layer.
 - The PH M8 strain anchor is used together with frame anchor RU M8 in situations where the trusses and/or insulating structures of the element can no longer withstand compression forces.
 - The system is manufactured from stainless steel.
 - This is the only product in Finland that has a product declaration confirmed by Betoniyhdistys ry.
- **Material :** Stainless steel A2

Art. No.	Type description	Product weight (per item)
77808 220	M8X220 (pack 100 pcs)	104.000 g
77808 240	M8X240 (pack 100 pcs)	110.000 g
77808 285	M8X285 (pack 100 pcs)	124.000 g
77808 330	M8X330 (pack 100 pcs)	138.300 g
77808 395	M8X395 (pack 100 pcs)	159.000 g
77808 495	M8X495 (pack 100 pcs)	190.000 g



SORMAT 

Façade anchor Sormat S-KAR, stainless

High-quality fixing bolt anchor A2 for façade renovations

- The only fixing bolt anchors made in Finland !
- High-quality torque-controlled expansion anchors for pre-, push-through and distance installations.
- When torque is applied, the expansion clip expands developing frictional grip with the drill hole walls. The friction generated keeps the anchor securely in place.
- The S-KA setting tool improves the safety of multiple installations and makes installation faster.
- RST A2 for dry and humid indoor use, as well as outdoor use in inland rural areas.

Art. No.	Type description	Product weight (per item)
775448 200	S-KAR M8X200/70 (pack 100 pcs)	83.500 g
775448 240	S-KAR M8X240/70 (pack 100 pcs)	99.600 g
775448 300	S-KAR M8X300/70 (pack 100 pcs)	122.000 g



SORMAT 

Metal lath support, stainless SORMAT RVK

Appropriate support for improving the durability of the plastering

- Stainless metal lath support RVK is designed to fix a 19 x 19 mm metal lath to a structure to ensure an appropriate gap between the base structure and the metal lath. The goal is for the metal lath to be properly immersed in the plastering layer.
- The support should be fixed in the base material using a suitable stainless steel fitting.
- The average ratio of supports used is 4–7 pcs/sqm, depending on the quality of the base material and the thickness of the plastering layer.
- For outdoor use in façade plastering systems.

- **Material:** Stainless steel A2

Art. No.	Type description	Product weight (per item)
77835 6	5/6MM (pack 500 pcs)	2.500 g
77835 8	5/8MM (pack 500 pcs)	2.500 g
778310 6	10/6MM (pack 500 pcs)	3.200 g
778310 8	10/8MM (pack 500 pcs)	3.200 g



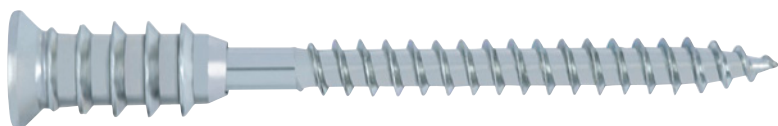
SORMAT 

Metal lath support SORMAT RVKM, plastic

Appropriate support for improving the durability of the plastering

- The metal lath support RVKM is made of polyamide (PA) and is designed to fix a 19 x 19 mm metal lath. It ensures an appropriate gap between the base structure and the plastering layer.
- The support should be fixed in the base material using a suitable corrosion-resistant anchor.
- The average ratio of supports used is 4–7 pcs/sqm, depending on the quality of the base material and the thickness of the plastering layer.
- For outdoor use in façade plastering systems

Art. No.	Type description	Product weight (per item)
778305 6	5/6 (pack 500 pcs)	2.000 g
77830106	10/6 (pack 500 pcs)	2.600 g




Adjustable frame screw for stone/concrete

- **Material :** Steel
- **Surface :** Galvanised

Art. No.	Type description	Product weight (per item)
023456 70	6,0X70	14.000 g
023456 80	6,0X80	15.000 g
023456 90	6,0X90	16.400 g
023456 100	6,0X100	0.100 g
023456 110	6,0X110	21.000 g
023456 120	6,0X120	20.700 g




Adjustable frame screw for wood, sharp point

- **Material :** Steel
- **Surface :** Galvanised

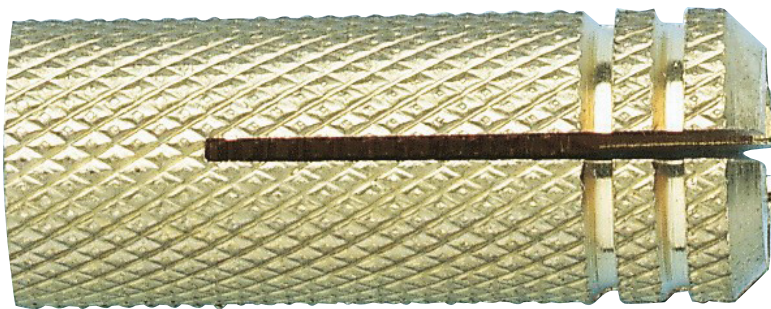
Art. No.	Type description	Product weight (per item)
023436 60	6,0X60	8.700 g
023436 70	6,0X70	10.000 g
023436 80	6,0X80	11.000 g
023436 90	6,0X90	12.000 g
023436 100	6,0X100	13.500 g
023436 120	6,0X120	16.000 g




Adjustable frame screw for wood, drill point

- **Material :** Steel
- **Surface :** Galvanised

Art. No.	Type description	Product weight (per item)
023446 70	6,0X70	9.170 g
023446 80	6,0X80	10.490 g
023446 90	6,0X90	11.710 g
023446 110	6,0X110	16.800 g
023446 100	6X100	18.000 g
023446 120	6X120	18.300 g
023446 130	6X130	17.000 g



Brass anchor

- Brass female thread anchor
- Knurled surface for good holding power
- Screwing in a screw/threaded rod with a metric thread expands the anchor and fixes it in the anchoring base
- Corrosion resistant
- Minimal anchorage depth
- Minimal edge and axial clearance
- Suitable for push-through and cotter-pin installation
- Used without a setting tool
- Cost-effective attachment for outdoor use

• **Material :** Brass

Art. No.	Type description	Product weight (per item)
090434	M4	1.200 g
090436	M6	4.700 g
090438	M8	8.100 g
0904310	M10	13.600 g
0904312	M12	32.200 g



Hammer rivet

Rivet : Aluminium, bolt : Steel A2

- Hammer can be used for attachment via friction locking
- Easy installation by knocking in with a mason's mallet
- Stainless attachment with rounded mushroom head

• **Nominal diameter :** 4.8 mm

Art. No.	Type description	Sleeve length
094548 15	4,8X15	15.3 mm
094548 21	4,8X21	21 mm
094548 26	4,8X26	25.4 mm
094548 30	4,8X30	30 mm
094548 36	4,8X36	35.0 mm
094548 40	4,8X40	40 mm
094548 50	4,8X50	50.0 mm



Fix master

Express nail, zinc plated

Art. No.	Type description
090506 30	6X30
090506 40	6X40
090506 50	6X50
090506 60	6X60
090506 80	6X80
090508 70	8X70
090508 90	8X90
090508 110	8X110
090508 130	8X130
090508 150	8X150



Fix master

Washer for express nail

Art. No.	Type description
090509 6	6X50
090509 8	8X50



Insulation board anchor TIDS ZN

Zinc-electroplated

- Approved for fire resistance classes R30 - R120
- Approved for concrete strength classes C 20/25 - C 50/60
- Cracked and non-cracked concrete
- For attaching insulation boards and refractory insulation boards

Art. No.	Type description
905008080	6X80/50
905008110	6X110/75
905008120	6X120/80
905008140	6X140/100
905008170	6X170/125
905008200	6X200/150

Insulation board anchor TIDS ZN

Art. No.	Type description
905008250	6X250/200
905008300	6X300/250



Insulation board anchor TIDR A2

Stainless A2

- Approved for fire resistance classes R30 - R120
- Approved for concrete strength classes C 20/25 - C 50/60
- Cracked and non-cracked concrete
- For attaching insulation boards and refractory insulation boards

• Type description : 6X200/150

Art. No.	
0905018200	



Asphalt screw TSM A

Coated steel meets the requirements of climate stress category C5-I medium TOGE-KORR TSM B/BC.

- Quick installation.
- Transfers loads to walls of the hole drilled in asphalt via threading and chemical injection resin.
- Good grip under constant shock loads
- No constant tensile load due to adapting features of the asphalt.

Art. No.	Type description	Product weight (per item)
0901716102	A16X100 M10X20	144.000 g
0901722102	A22X100 M16X30	204.000 g
0901722157	A22X155 M16X30	350.000 g



Chemical compound for asphalt screw

- **Type description :** Epoxy resin for asphalt screw
- **Product weight (per item):** 667.000 g

Art. No.	
090190 01	



Asphalt screw installation accessories

Art. No.	Type description	Product weight (per item)
090190003	Resin Cartridge Gun	1172.000 g
090190002	Resin mixing nozzle	10.000 g



Snake polyamide

Fibreglass-reinforced polyamide

- Installation into concrete, brick, natural stone, aerated concrete or light expanded clay aggregate block
- Fixing of barrier boards, edging strips, metal profiles, sheet metal frames, and cable and wire housings, for example

- **Type description :** 6X40
- **Product weight (per item):** 2.600 g

Art. No.	
09026 40	



Drill bit, SDS Max

SDS Max drill bit for various materials

Can be used with any SDS+ suspension system. Suitable for : granite, concrete, brick, stone, brick masonry, tiles, marble

Art. No.	Type description
850020144	390 mm x 16 mm
850020145	400 mm x 22 mm
850020146	440 mm x 32 mm



Drill bit, Plus

Drill bit for various materials

Fits all SDS+ systems. Suitable for : granite, concrete, brick, stone, brick masonry, tiles, marble

Art. No.	Type description
85044 110	4 X 110
85045 110	5 X 110
85045 160	5 X 160
85046 110	6 X 110
85046 160	6 X 160
85046 210	6 X 210
85046 260	6 X 260
85048 110	8 X 110
85048 160	8 X 160
85048 210	8 X 210
85048 260	8 X 260
85048 310	8 X 310
85048 460	8 X 460
850410 110	10 X 110
850410 160	10 X 160
850410 210	10 X 210
850410 260	10 X 260
850410 310	10 X 310
850410 450	10 X 450
850412 160	12 X 160
850412 210	12 X 210
850412 260	12 X 260
850412 310	12 X 310
850412 450	12 X 450
850412 600	12 X 600
850414 210	14 X 210
850414 310	14 X 310

Art. No.	Type description
850415 210	15 X 210
850416 160	16 X 160
850416 210	16 X 210
850416 310	16 X 310
850416 450	16 X 450
850416 600	16 X 600
850418 300	18 X 300
850418 600	18 X 600
850420 300	20 X 300
850420 450	20 X 450
850422 600	22 X 600
850424 450	24 X 450
850425 600	25 X 600
850428 450	28 X 450



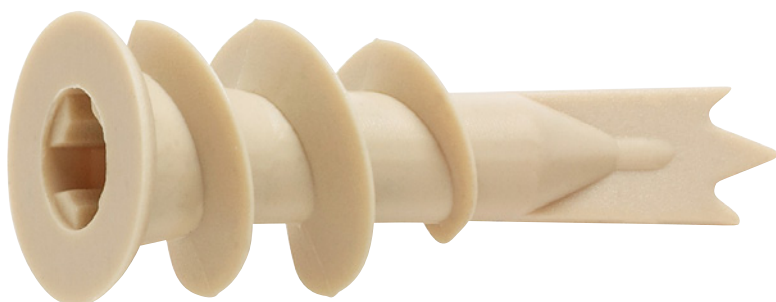
SORMAT 

SORMAT KLA Metal

Self-drilling metallic gypsum plasterboard anchor for quick fixings

- Self-drilling metal anchor suitable for fixings in single- and double-planked gypsum plasterboard walls, as well as for fixings in fibre-reinforced gypsum panels.
- When installing the anchor in fibre-reinforced gypsum panel or double-planked gypsum plasterboard, pre-drill an 8 mm hole for the installation.
- The KLA M anchor is a fast fixing method and no special tools are required for the installation – just a PZ2 screwdriver. Screw the anchor flush with the board surface, but do not overtighten.
- The anchor is equipped with a 4.5 x 35 mm ZN screw with round pan head. Other suitable wood screws, self-tapping screws, chipboard screws, hook screws and eye screws can also be used.
- ZN for dry indoor and temporary outdoor use

Art. No.	Type description	Product weight (per item)
775009 12	KLA METAL 9X12 (pack 100 pcs)	6.300 g
775009 27	KLA METAL P 9X27 (pack 100 pcs)	6.900 g



SORMAT 

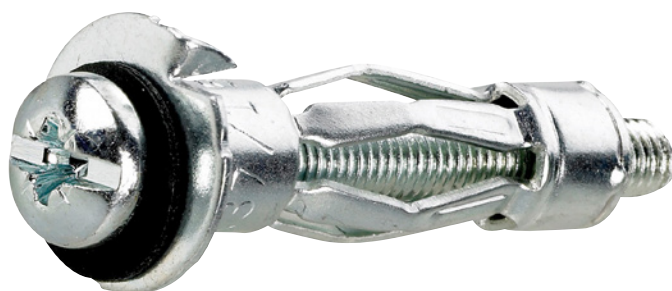
SORMAT KLA Nylon

Self-drilling gypsum plasterboard anchor for quick fixings

- Self-drilling nylon anchor suitable for fixings in single- and double-planked gypsum plasterboard walls.
- The KLA is a fast fixing method and no special tools are required for the installation – just a PZ2 screwdriver. Screw the anchor flush with the board surface, but do not overtighten.
- The anchor is equipped with a 4.5 x 35 mm ZN screw with round pan head. Other suitable wood screws, self-tapping screws, chipboard screws, hook screws and eye screws can also be used.
- The quality of the screw material defines the suitable operating conditions : ZN is suitable for dry indoor and temporary outdoor use ; KZN and RST A2 for dry and humid indoor use, as well as outdoor use in inland rural areas ; HST A4 for indoor, outdoor and industrial use.

- **Type description** : KLA 9X12 (pack 100 pcs)
- **Material** : Nylon (polyamide)
- **Product weight (per item)**: 4.500 g

Art. No.	
77509 12	



SORMAT 

SORMAT MOLA Metal anchor

Full metal anchor for fixing heavy loads in board and hollow walls

- The expansion clip of the Molly-type anchor opens fully and attaches securely against the inner surface of the board, such as a gypsum plasterboard.
- The MOLA anchor is suitable for fixing even heavier loads in accordance with the properties of the board material used.
- Suitable board thickness is 6–26 mm and a hollow cavity is required behind the board. Wall insulation material may complicate the installation.
- Use in applications where fire resistance is required.
- Once installed, the anchor remains securely in place, even if the screw is opened. The fixture can be removed and refitted, if necessary.
- Tighten the anchor with a screwdriver or special MOLA assembly pliers.
- ZN for dry indoor and temporary outdoor use.

Art. No.	Type description	Product weight (per item)
77514 13	41365 (pack 50 pcs)	8.100 g
77515 13	41395 (pack 50 pcs)	11.900 g
77516 13	41426 (pack 50 pcs)	14.100 g
77515 26	46143 (pack 50 pcs)	14.800 g
77516 26	46174 (pack 50 pcs)	20.000 g



SORMAT 

Setting tool MOLA

Professional setting pliers for MOLA anchors

- Molly-type full metal cavity anchors are best installed using designated MOLA pliers, which ensure that the expansion clip of the anchor opens fully and attaches securely against the inner surface of the board.
- After installing the MOLA anchor, remove the screw and attach the fixture.

- **Type description :** PLIERS (pack 1 pcs)
- **Product weight (per item):** 430.700 g

Art. No.	
7790300	



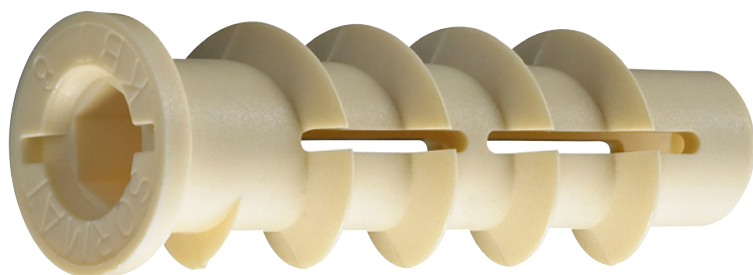
SORMAT 

SORMAT KBTM Metal

Metal plug with internal thread for fixings in aerated concrete and light expanded clay aggregate

- Internally threaded metal plugs with coarse external threading for pre-installation in light expanded clay aggregate (leca) and dense types of aerated concrete.
- Use in applications where fire resistance is required.
- The plug is designed for machine-threaded screws, bolts and studs.
- The plug is installed using an electric screwdriver with low torque or manually with an Allen key.
- Zinc alloy for dry indoor and temporary outdoor use.

Art. No.	Type description	Product weight (per item)
774906	6 (pack 25 pcs)	29.100 g
774908	8 (pack 25 pcs)	36.100 g
7749010	10 (pack 25 pcs)	56.000 g



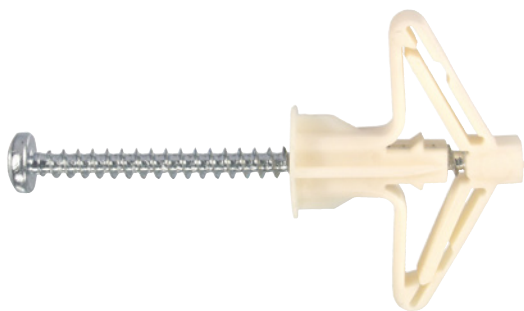
SORMAT 

SORMAT KBT Plastic

Nylon plug with internal thread for aerated concrete fixings

- Internally threaded nylon plugs with coarse external threading for pre-installation in aerated concrete fixings.
- The plug is designed for machine screws, wood screws and universal screws, as well as bolts and studs.
- Installation is easiest using the KBT setting tool. The plug can be installed using an electric screwdriver with low torque or manually with an Allen key.
- The operating temperature range is -40 °C to +80 °C.
- The quality of the screw material defines the suitable operating conditions : ZN is suitable for dry indoor and temporary outdoor use ; KZN and RST A2 for dry and humid indoor use, as well as outdoor use in inland rural areas ; HST A4 for indoor, outdoor and industrial use.

Art. No.	Type description	Product weight (per item)
77494	4 (pack 25 pcs)	3.500 g
77496	6 (pack 25 pcs)	3.600 g
77498	8 (pack 25 pcs)	5.900 g
774910	10 (pack 25 pcs)	8.400 g



SORMAT 

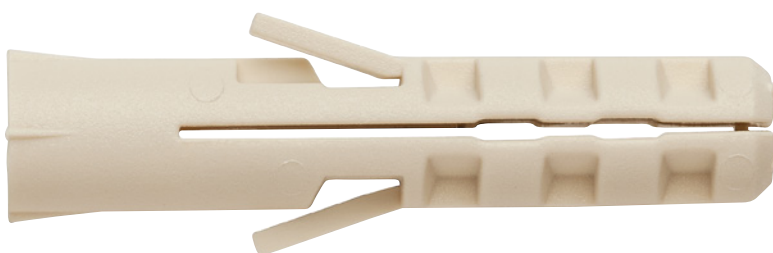
SORMAT OLA Plastic anchor

Reliable anchor for fixings in hollow walls

- The anchor is made from long-life TPE, and its expansion clip opens fully and attaches securely against the inner surface of the hollow structure.
- Minimum board thickness is 12 mm and a hollow cavity is required behind the board. Wall insulation material may complicate the installation.
- The anchor can also be installed in hard materials.
- Due to its material, the OLA anchor can withstand long-term loads, wear and tear, humidity and storage better than ordinary anchors.
- The anchor is equipped with a 4 x 60 mm screw.
- The quality of the screw material defines the suitable operating conditions : ZN is suitable for dry indoor use and temporary outdoor use.

- **Type description :** 4X60 (pack 50 pcs)
- **Product weight (per item):** 5.800 g

Art. No.	
7751012	



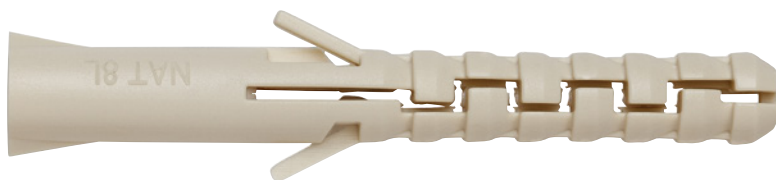
SORMAT 

Nylon plug NAT

The original and proven nylon plug for concrete and brick fixings

- **Material :** Nylon (polyamide)

Art. No.	Type description	Product weight (per item)
77405	5 (pack 100 pcs)	0.300 g
77406	6 (pack 100 pcs)	0.600 g
77408	8 (pack 100 pcs)	1.400 g
774010	10 (pack 50 pcs)	2.600 g
774012	12 (pack 25 pcs)	4.400 g



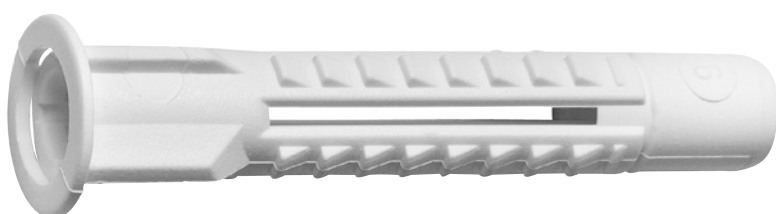
SORMAT 

Nylon plug NAT L

Rugged nylon plugs with long expansion zones for porous and poor-quality base materials

- **Material:** Nylon (polyamide)

Art. No.	Type description	Product weight (per item)
774008	8L (pack 50 pcs)	2.000 g
7740010	10L (pack 25 pcs)	4.000 g



SORMAT 

Multi-purpose anchor YLT

Economical multi-purpose anchor that tightens into a tough knot

- **Material:** Nylon (polyamide)

Art. No.	Type description	Product weight (per item)
77536	6 (pack 150 pcs)	0.500 g
77538	8 (pack 100 pcs)	1.600 g
775310	10 (pack 50 pcs)	3.000 g



SORMAT 

SORMAT LIT Batten plug

For quick fixing of baseboards and covering strips in concrete and brick

- The ready-to-install nylon plug is installed in a push-through hole by tapping the plug into place through the fixed material.
- The head of the nail screw has a Pozidriv head for adjusting and removing the installation.
- The head of the nail screw covers the head of the plug which will not be visible.
- White and brown plugs are available. The nail is available in various colours.
- ZN for dry indoor and temporary outdoor use.

Art. No.	Type description	Colour	Product weight (per item)
774135 35	5x35 (pack 200 pcs)	Ash black	3.000 g
774115 35	5x35 (pack 200 pcs)	Brown	3.000 g
774145 35	5x35 (pack 200 pcs)	Grey	3.000 g
774125 35	5x35 (pack 200 pcs)	White	3.000 g
77415 35	5x35 (pack 200 pcs)	Yellow	3.000 g
774135 45	5x45 (pack 200 pcs)	Ash black	3.600 g
774115 45	5x45 (pack 200 pcs)	Brown	4.000 g

Art. No.	Type description	Colour	Product weight (per item)
774145 45	5x45 (pack 200 pcs)	Grey	3.600 g
774125 45	5x45 (pack 200 pcs)	White	3.900 g
77415 45	5x45 (pack 200 pcs)	Yellow	3.600 g



SORMAT 

Nylon plug GRIPPER

The robust GRIPPER™ is a Finnish wall plug that is suitable for the most common wall fixings in construction, renovation and decoration.

- The GripEdge friction surface ensures a secure hold in all wall materials and structures.
- The mechanical locking of the hinge holds, even if the screw has not been tightened thoroughly.
- The Gripper plug can be used with the most common screw types and diameters.
- The quality of the screw material defines the suitable operating conditions : ZN is suitable for dry indoor use ; KZN and A2 for humid indoor use, as well as outdoor use in inland rural areas ; A4 is suitable for outdoor use.

Art. No.	Type description	Product weight (per item)
77841005	GRIPPER 5 (pack 100 pcs)	0.640 g
77841006	GRIPPER 6 (pack 100 pcs)	1.110 g
77841008	GRIPPER 8 (pack 50 pcs)	2.280 g
778410010	GRIPPER 10 (pack 50 pcs)	3.000 g
778491	LAJITELMA (pack 1 pcs)	2369.000 g



SORMAT 

SORMAT KEM-VE Vinyl ester

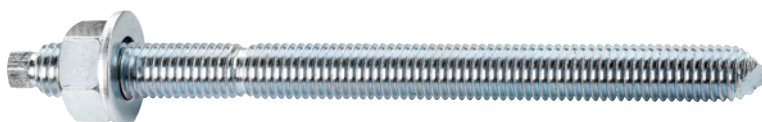
Vinyl ester glass capsule : clean and strong bonding in non-cracked concrete

- The glass capsule contains just the right amount of vinyl ester resin for anchoring studs and re-bars into pre-drilled holes.
- The single-use capsule is economical for individual applications and quick for multiple installations. Enables a clean finish to be achieved.
- The chemical anchor can bear dynamic loads.
- Precise dosing. Holes are guaranteed to be 100 % filled. The capsule is more economical than injection resin with larger hole diameters.
- Resistance to high and low temperatures in the range -40 °C to +80 °C.
- The quality of the stud or re-bar material defines the suitable operating conditions : ZN for dry indoor and temporary outdoor use ; KZN and RST A2 for dry and humid indoor use, as well as outdoor use in inland rural areas ; HST A4 for indoor, outdoor and industrial use ; HCR for extremely harsh and corrosive conditions.

Art. No.	Type description	Product weight (per item)
773108	8 (pack 10 pcs)	11.800 g
7731010	10 (pack 10 pcs)	14.600 g

SORMAT KEM-VE Vinyl ester

Art. No.	Type description	Product weight (per item)
7731012	12 (pack 10 pcs)	25.000 g
7731016	16 (pack 10 pcs)	35.000 g
7731020	20 (pack 6 pcs)	121.700 g
7731024	24 (pack 6 pcs)	161.600 g
7731030	30 (pack 6 pcs)	400.000 g



Chemical anchor stud, zinc-electroplated

- Anchor stud with bevelled tip
- Includes nuts and washers

• **Material :** Zinc

Art. No.	Type description	Product weight (per item)
77348 110	8X110 (pack 10 pcs)	44.500 g
773410 130	10X130 (pack 10 pcs)	82.000 g
773412 160	12X160 (pack 10 pcs)	130.000 g
773416 190	16X190 (pack 10 pcs)	280.000 g
773420 260	20X260 (pack 6 pcs)	570.000 g
773424 300	24X300 (pack 6 pcs)	995.000 g
773530 360	30X360 (pack 6 pcs)	1965.000 g
7735030360	30X360 (pack 6 pcs)	1978.000 g



Chemical anchor stud, hot dip galvanised

- Anchor stud with bevelled tip
- Includes nuts and washers

Art. No.	Type description	Product weight (per item)
773510 130	10X130 (pack 10 pcs)	0.010 g
773512 160	12X160 (pack 10 pcs)	140.000 g
773516 190	16X190 (pack 10 pcs)	300.000 g
773520 260	20X260 (pack 6 pcs)	600.000 g
773524 300	24X300 (pack 6 pcs)	1020.000 g



Chemical anchor stud, acid-proof

- Anchor stud with bevelled tip
- Includes nuts and washers
- **Material:** Stainless steel A4

Art. No.	Type description	Product weight (per item)
77368 110	8X110 (pack 10 pcs)	42.300 g
773610 130	10X130 (pack 10 pcs)	82.300 g
773612 160	12X160 (pack 10 pcs)	130.000 g
773616 190	16X190 (pack 10 pcs)	280.000 g
773620 260	20X260 (pack 6 pcs)	0.010 g
773624 300	24X300 (pack 6 pcs)	1027.000 g
773630 360	30X360 (pack 6 pcs)	1933.000 g



SORMAT LYT Countersunk head, yellow passivated

Quick and simple to install hammer plug for light-duty fixings

- The hammer plug is installed in a push-through hole by hammering the plug with its nail screw into place.
- The head of the nail screw has a Pozidriv head for adjusting and removing the installation.
- The plastic flange of the plug functions as a sealing ring that prevents contact corrosion.
- ZN for dry indoor and temporary outdoor use

Art. No.	Type description	Product weight (per item)
77428 100	8/100 (pack 100 pcs)	14.800 g
77428 120	8/120 (pack 100 pcs)	17.300 g
77428 140	8/140 (pack 100 pcs)	20.500 g
77428 160	8/160 (pack 100 pcs)	24.000 g
77425 30	11079 (pack 200 pcs)	2.600 g
77426 40	14763 (pack 200 pcs)	4.000 g
77425 50	18384 (pack 200 pcs)	3.600 g
77426 60	22068 (pack 200 pcs)	5.500 g
77428 60	22129 (pack 100 pcs)	8.900 g
77426 80	29373 (pack 100 pcs)	7.200 g
77428 80	29434 (pack 100 pcs)	11.600 g



SORMAT 

SORMAT LYT Cylinder head, stainless

Quick and simple to install hammer plug for light-duty fixings

- The hammer plug is installed in a push-through hole by hammering the plug with its nail screw into place.
- The head of the nail screw has a Pozidriv head for adjusting and removing the installation.
- The plastic flange of the plug functions as a sealing ring that prevents contact corrosion.
- RST A2 for dry and humid indoor use, as well as outdoor use in inland rural areas.

Art. No.	Type description	Product weight (per item)
77435 30	1 1079 (pack 200 pcs)	2.300 g
77436 40	14763 (pack 200 pcs)	3.600 g
77436 80	29373 (pack 100 pcs)	7.200 g
77438 80	29434 (pack 100 pcs)	11.600 g



SORMAT 

SORMAT LYT Cylinder head, zinc-electroplated

Quick and simple to install hammer plug for light-duty fixings

- The hammer plug is installed in a push-through hole by hammering the plug with its nail screw into place.
- The head of the nail screw has a Pozidriv head for adjusting and removing the installation.
- The plastic flange of the plug functions as a sealing ring that prevents contact corrosion.
- ZN for dry indoor and temporary outdoor use

Art. No.	Type description	Product weight (per item)
774208 100	8/100 (pack 100 pcs)	14.800 g
774205 30	1 1079 (pack 200 pcs)	2.300 g
774205 40	14732 (pack 200 pcs)	3.000 g
774206 40	14763 (pack 200 pcs)	3.600 g
774205 50	18384 (pack 200 pcs)	3.600 g
774206 60	22068 (pack 200 pcs)	5.500 g
774208 60	22129 (pack 100 pcs)	8.900 g
774206 80	29373 (pack 100 pcs)	7.200 g
774208 80	29434 (pack 100 pcs)	13.000 g



SORMAT 

SORMAT LYT Round countersunk head, zinc-electroplated

Quick and simple to install hammer plug for light-duty fixings

- The hammer plug is installed in a push-through hole by hammering the plug with its nail screw into place.
- The head of the nail screw has a Pozidriv head for adjusting and removing the installation.
- The plastic flange of the plug functions as a sealing ring that prevents contact corrosion.
- ZP for dry indoor and temporary outdoor use.

Art. No.	Type description	Product weight (per item)
774215 30	5/30 (pack 200 pcs)	2.300 g
774216 40	6/40 (pack 200 pcs)	4.000 g



SORMAT 

SORMAT ZN Hexagon head

Approved frame plugs known for their strength and versatility for larger loads

- 10 mm nylon plugs for push-through installations have a longer neck and an extension element. The screw is supplied with the plug. S-FP is designed for pre-installation.
- The plug and metal anchors have similar features.
- S-UF® plugs are recommended for fixing metal structures, while S-UP® plugs should be used for wooden structures.
- The plastic flange of the plug functions as a sealing ring that prevents contact corrosion.
- The plugs are colour-coded according to size for easier identification.
- ZN for dry indoor and temporary outdoor use.

• **Material :** Polyamide/steel

Art. No.	Type description	Product weight (per item)
7747010100	10X100 (pack 50 pcs)	40.000 g
7747010115	10X115 (pack 50 pcs)	36.000 g
774710 135	10X135 (pack 50 pcs)	43.100 g
7747010135	10X135 (pack 50 pcs)	50.000 g
7747010160	10X160 (pack 50 pcs)	50.800 g



SORMAT 

SORMAT ZN Countersunk head

Approved frame plugs known for their strength and versatility for larger loads

- 10 mm nylon plugs for push-through installations have a longer neck and an extension element. The screw is supplied with the plug. S-FP is designed for pre-installation.
- The plug and metal anchors have similar features.
- S-UF® plugs are recommended for fixing metal structures, while S-UP® plugs should be used for wooden structures.
- The plastic flange of the plug functions as a sealing ring that prevents contact corrosion.
- The plugs are colour-coded according to size for easier identification.
- ZN for dry indoor and temporary outdoor use.

• **Material** : Polyamide/steel

Art. No.	Type description	Product weight (per item)
774508 80	8X80 (pack 50 pcs)	1.700 g
774508 100	8X100 (pack 50 pcs)	2.050 g
774508 120	8X120 (pack 50 pcs)	2.440 g
774501080	10X80 (pack 50 pcs)	27.000 g
7745010100	10X100 (pack 50 pcs)	30.100 g
774510 100	10X100 (pack 50 pcs)	30.100 g
7745010115	10X115 (pack 50 pcs)	34.300 g
7745010135	10X135 (pack 50 pcs)	43.100 g
7745010160	10X160 (pack 50 pcs)	52.000 g
7745010161	10X160 (pack 500 pcs)	50.800 g



SORMAT 

Fixing bolt anchor SORMAT S-KA, zinc-electroplated

High-quality ETA Option 1 approved and zinc-electroplated fixing bolt anchors for dry conditions

- The only fixing bolt anchors made in Finland !
- High-quality torque-controlled expansion anchors for pre-, push-through and distance installations.
- When torque is applied, the expansion clip expands developing frictional grip with the drill hole walls. The friction generated keeps the anchor securely in place.
- The size of the anchor and the maximum thickness of the attached element is marked on the anchor body.
- The S-KA setting tool improves the safety of multiple installations and makes installation faster.
- ZN for dry indoor and temporary outdoor use.

• **Material** : Steel

Art. No.	Type description	Nominal diameter	Length	Attachment thickness	Product weight (per item)	Drill hole depth (h 1)	Thread length
77016 65	6/15 L65 (pack 100 pcs)	6 mm	65 mm	15 mm	15.400 g	50 mm	38 mm
77016 40	6/40 L40 (pack 150 pcs)	6 mm	40 mm	2 mm	10.400 g	35 mm	18 mm
77016 100	6/50 L100 (pack 100 pcs)	6 mm	100 mm	50 mm	22.700 g	50 mm	60 mm
770118 72	8/10 L72 (pack 50 pcs)	8 mm	72 mm	10 mm	29.500 g	60 mm	32 mm
770118 92	8/30 L92 (pack 50 pcs)	8 mm	92 mm	30 mm	36.100 g	60 mm	52 mm

Art. No.	Type description	Nominal diameter	Length	Attachment thickness	Product weight (per item)	Drill hole depth (h 1)	Thread length
77018 50	8/50 L52 (pack 100 pcs)	8 mm	52 mm	2 mm	22.200 g	45 mm	23 mm
770118 112	8/50 L112 (pack 40 pcs)	8 mm	112 mm	50 mm	43.500 g	60 mm	72 mm
770118 147	8/85 L147 (pack 40 pcs)	8 mm	147 mm	85 mm	52.800 g	60 mm	107 mm
770111092	10/10 L192 (pack 40 pcs)	10 mm	92 mm	10 mm	60.000 g	75 mm	47 mm
7701110102	10/20 L102 (pack 25 pcs)	10 mm	102 mm	20 mm	66.400 g	75 mm	57 mm
7701110112	10/30 L112 (pack 25 pcs)	10 mm	112 mm	30 mm	69.100 g	75 mm	67 mm
7701110132	10/50 L132 (pack 25 pcs)	10 mm	132 mm	50 mm	75.900 g	75 mm	87 mm
770110 60	10/60 L62 (pack 50 pcs)	10 mm	62 mm	3 mm	44.400 g	50 mm	26 mm
7701110162	10/80 L162 (pack 25 pcs)	10 mm	162 mm	80 mm	88.300 g	75 mm	115 mm
7701112103	12/5 L103 (pack 20 pcs)	5 mm	103 mm	5 mm	95.000 g	90 mm	53 mm
7701112118	12/20 L118 (pack 20 pcs)	12 mm	118 mm	20 mm	106.000 g	90 mm	68 mm
7701112128	12/30 L128 (pack 20 pcs)	12 mm	128 mm	30 mm	113.000 g	90 mm	78 mm
7701112148	12/50 L148 (pack 20 pcs)	12 mm	148 mm	50 mm	128.000 g	90 mm	98 mm
7701112163	12/65 L163 (pack 20 pcs)	12 mm	163 mm	65 mm	124.700 g	90 mm	113 mm
7701112178	12/80 L178 (pack 20 pcs)	12 mm	178 mm	80 mm	150.100 g	90 mm	115 mm
770112 235	12/155 L253 (pack 10 pcs)	12 mm	253 mm	155 mm	219.500 g	90 mm	46 mm
7701116123	16/5 L123 (pack 10 pcs)	16 mm	123 mm	5 mm	185.700 g	110 mm	65 mm
7701116138	16/20 L138 (pack 10 pcs)	16 mm	138 mm	20 mm	204.600 g	110 mm	80 mm
7701116168	16/50 L168 (pack 10 pcs)	16 mm	168 mm	50 mm	239.000 g	110 mm	110 mm
7701116178	16/60 L178 (pack 5 pcs)	16 mm	178 mm	60 mm	296.200 g	110 mm	115 mm
770116 90	16/90 L90 (pack 10 pcs)	16 mm	90 mm	3 mm	159.400 g	80 mm	43 mm
770116 200	16/95 L213 (pack 5 pcs)	16 mm	213 mm	95 mm	328.200 g	110 mm	55 mm
770120 170	20/20 L170 (pack 5 pcs)	20 mm	170 mm	20 mm	448.300 g	135 mm	55 mm
770120 220	20/70 L220 (pack 5 pcs)	20 mm	220 mm	70 mm	570.200 g	135 mm	55 mm
770120 280	20/130 L280 (pack 5 pcs)	20 mm	280 mm	130 mm	717.800 g	135 mm	55 mm


SORMAT 

Fixing bolt anchor SORMAT S-KAK, hot-dip galvanised

High-quality ETA Option 1 approved and hot-dip galvanised fixing bolt anchors

• **Material:** Steel

- The only fixing bolt anchors made in Finland !
- High-quality torque-controlled expansion anchors for pre-, push-through and distance installations.
- When torque is applied, the expansion clip expands developing frictional grip with the drill hole walls. The friction generated keeps the anchor securely in place.
- The size of the anchor and the maximum thickness of the attached element is marked on the anchor body. Short fixing bolt anchor sizes are marked as drilling hole diameter x total length of the anchor.
- The S-KA setting tool improves the safety of multiple installations and makes installation faster.
- KZN for dry and humid indoor use, as well as outdoor use in inland rural areas

Art. No.	Type description	Nominal diameter	Length	Attachment thickness	Product weight (per item)	Drill hole depth (h 1)	Thread length
77026 65	6/15 L65 (pack 100 pcs)	6 mm	65 mm	15 mm	16.500 g	50 mm	38 mm
77026 40	6/40 L40 (pack 150 pcs)	6 mm	40 mm	2 mm	10.400 g	35 mm	18 mm
77026 100	6/50 L100 (pack 100 pcs)	6 mm	100 mm	50 mm	22.700 g	50 mm	60 mm
770208 72	8/10 L72 (pack 50 pcs)	8 mm	72 mm	10 mm	31.000 g	60 mm	32 mm
770208 92	8/30 L92 (pack 50 pcs)	8 mm	92 mm	30 mm	36.100 g	60 mm	52 mm
770208 112	8/50 L112 (pack 40 pcs)	8 mm	112 mm	50 mm	43.000 g	60 mm	72 mm
77028 50	8/50 L52 (pack 100 pcs)	8 mm	52 mm	2 mm	22.200 g	45 mm	23 mm
770208 147	8/85 L147 (pack 40 pcs)	8 mm	147 mm	85 mm	54.000 g	60 mm	107 mm
770201092	10/10 L92 (pack 40 pcs)	10 mm	92 mm	10 mm	62.750 g	75 mm	47 mm
7702010102	10/20 L102 (pack 25 pcs)	10 mm	102 mm	20 mm	66.000 g	75 mm	57 mm
7702010112	10/30 L112 (pack 25 pcs)	10 mm	112 mm	30 mm	72.000 g	75 mm	67 mm
7702010132	10/50 L132 (pack 25 pcs)	10 mm	132 mm	50 mm	84.000 g	75 mm	87 mm
770210 60	10/62 L62 (pack 50 pcs)	10 mm	62 mm	3 mm	44.400 g	50 mm	26 mm
7702010162	10/80 L162 (pack 25 pcs)	10 mm	162 mm	80 mm	96.000 g	75 mm	115 mm
7702012103	12/5 L103 (pack 20 pcs)	12 mm	103 mm	5 mm	100.000 g	90 mm	53 mm
7702012118	12/20 L118 (pack 20 pcs)	12 mm	118 mm	20 mm	110.000 g	90 mm	68 mm
7702012128	12/30 L128 (pack 20 pcs)	12 mm	128 mm	30 mm	120.000 g	90 mm	78 mm
7702012148	12/50 L148 (pack 20 pcs)	12 mm	148 mm	50 mm	132.000 g	90 mm	98 mm
7702012163	12/65 L163 (pack 20 pcs)	12 mm	163 mm	65 mm	143.000 g	90 mm	113 mm
7702012178	12/80 L178 (pack 20 pcs)	12 mm	178 mm	80 mm	152.000 g	90 mm	115 mm
770212 235	12/155 L235 (pack 10 pcs)	12 mm	253 mm	155 mm	219.500 g	90 mm	46 mm
7702016123	16/5 L123 (pack 10 pcs)	16 mm	123 mm	5 mm	205.000 g	110 mm	65 mm
7702016138	16/20 L138 (pack 10 pcs)	16 mm	138 mm	20 mm	230.000 g	110 mm	80 mm

Art. No.	Type description	Nominal diameter	Length	Attachment thickness	Product weight (per item)	Drill hole depth (h 1)	Thread length
7702016168	16/50 L168 (pack 10 pcs)	16 mm	168 mm	50 mm	280.000 g	110 mm	110 mm
7702016178	16/60 L178 (pack 10 pcs)	16 mm	178 mm	60 mm	278.000 g	110 mm	115 mm
770220 170	20/20 L170 (pack 5 pcs)	20 mm	170 mm	20 mm	448.300 g	135 mm	55 mm
770220 220	20/70 L220 (pack 5 pcs)	20 mm	220 mm	70 mm	570.200 g	135 mm	55 mm
770220 280	20/130 L280 (pack 5 pcs)	20 mm	280 mm	130 mm	717.800 g	135 mm	55 mm



SORMAT 

Fixing bolt anchor SORMAT S-KAH, acid-proof

High-quality ETA Option 1 approved and acid-proof fixing bolt anchors

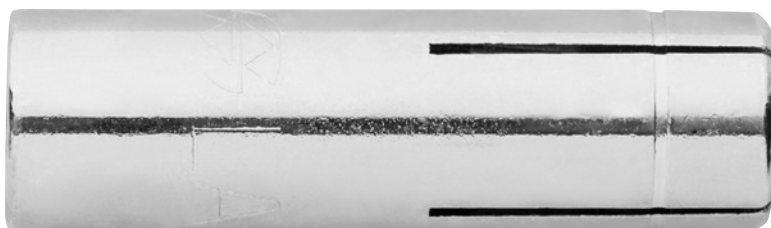
- The only fixing bolt anchors made in Finland !
- High-quality torque-controlled expansion anchors for pre-, push-through and distance installations.
- When torque is applied, the expansion clip expands developing frictional grip with the drill hole walls. The friction generated keeps the anchor securely in place.
- The size of the anchor and the maximum thickness of the attached element is marked on the anchor body. Short fixing bolt anchor sizes are marked as drilling hole diameter x total length of the anchor.
- The S-KA setting tool improves the safety of multiple installations and makes installation faster.
- HST A4 for indoor, outdoor and industrial use.

• **Material :** Stainless steel A4

Art. No.	Type description	Nominal diameter	Length	Attachment thickness	Product weight (per item)	Drill hole depth (h 1)	Thread length
77036 65	6/15 L65 (pack 100 pcs)	6 mm	65 mm	15 mm	15.000 g	50 mm	28 mm
77036 40	6/40 (pack 150 pcs)	6 mm	40 mm	2 mm	10.400 g	35 mm	18 mm
770318 72	8/10 L72 (pack 50 pcs)	8 mm	72 mm	10 mm	29.500 g	60 mm	32 mm
770318 92	8/30 L92 (pack 50 pcs)	8 mm	92 mm	30 mm	36.100 g	60 mm	52 mm
77038 50	8/54 (pack 100 pcs)	8 mm	52 mm	2 mm	22.200 g	45 mm	23 mm
770311092	10/10 L92 (pack 40 pcs)	10 mm	92 mm	10 mm	61.000 g	75 mm	47 mm
7703110102	10/20 L102 (pack 25 pcs)	10 mm	102 mm	20 mm	64.000 g	75 mm	57 mm
7703110112	10/30 L112 (pack 25 pcs)	10 mm	112 mm	30 mm	62.800 g	75 mm	67 mm
7703110132	10/55 L132 (pack 25 pcs)	10 mm	132 mm	50 mm	75.900 g	75 mm	87 mm
770310 60	10/62 (pack 50 pcs)	10 mm	62 mm	3 mm	44.400 g	50 mm	26 mm
7703112103	12/5 L103 (pack 20 pcs)	12 mm	103 mm	5 mm	81.700 g	90 mm	53 mm
7703112118	12/20 L118 (pack 20 pcs)	12 mm	118 mm	20 mm	92.300 g	90 mm	68 mm
7703112128	12/30 L128 (pack 20 pcs)	12 mm	128 mm	30 mm	103.800 g	90 mm	78 mm
7703112148	12/50 L148 (pack 20 pcs)	12 mm	148 mm	50 mm	112.900 g	90 mm	98 mm
7703112163	12/65 L163 (pack 20 pcs)	12 mm	163 mm	65 mm	124.700 g	90 mm	113 mm
7703116123	16/5 L123 (pack 10 pcs)	16 mm	123 mm	5 mm	185.700 g	110 mm	65 mm
7703116138	16/20 L138 (pack 10 pcs)	16 mm	138 mm	20 mm	225.000 g	110 mm	80 mm

Fixing bolt anchor SORMAT S-KAH, acid-proof

Art. No.	Type description	Nominal diameter	Length	Attachment thickness	Product weight (per item)	Drill hole depth (h 1)	Thread length
7703116168	16/50 L168 (pack 10 pcs)	16 mm	168 mm	50 mm	239.000 g	110 mm	110 mm
770320 170	20/20 L170 (pack 5 pcs)	20 mm	170 mm	20 mm	448.300 g	135 mm	55 mm
770320 220	20/70 L220 (pack 5 pcs)	20 mm	220 mm	70 mm	570.200 g	135 mm	55 mm



SORMAT 

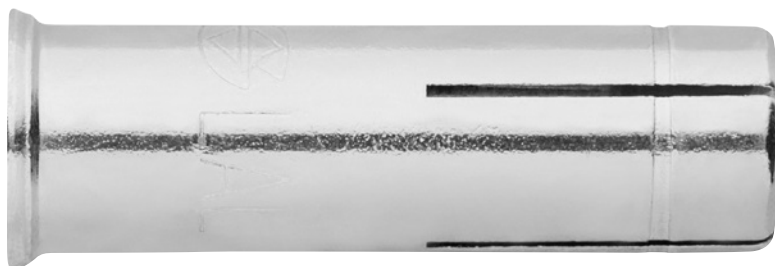
Impact anchor SORMAT LA, zinc-electroplated

ETA-approved impact anchors : the perfect choice for support systems

- Pre-installed impact anchors are hammered into place with a setting tool.
- The anchors have metric threads for bolts and bars.
- Appropriate bolt length is 1 – 1.5 x nominal size of the anchor + thickness of the element to be fixed.
- Minimum installation depth makes overhead installations easy.
- Suitable for sprinkler systems.
- ZN for dry indoor and temporary outdoor use

• **Material :** Zinc

Art. No.	Type description	Product weight (per item)
770496	LA+6 (pack 100 pcs)	6.200 g
770498	LA+8 (pack 100 pcs)	11.200 g
7704910	LA+10 (pack 50 pcs)	21.600 g
7704912	LA+12 (pack 50 pcs)	44.000 g
7704916	LA+16 (pack 25 pcs)	104.000 g
770420	LA20 (pack 20 pcs)	192.000 g



SORMAT 

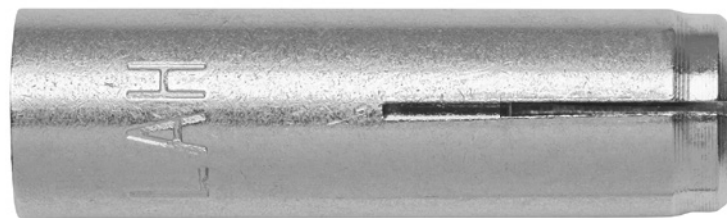
Impact anchor SORMAT LAL, with flange, zinc-electroplated

ETA-approved impact anchors : the perfect choice for support systems

- Pre-installed impact anchors are hammered into place with setting tool LT+.
- The anchors have metric threads for bolts and bars.
- Appropriate bolt length is 1 - 1.5 x nominal size of the anchor + thickness of the element to be fixed.
- Minimum installation depth makes overhead installations easy.
- Suitable for sprinkler systems.
- ZN for dry indoor and temporary outdoor use

• **Material :** Zinc

Art. No.	Type description	Product weight (per item)
7704906	LAL+6 (pack 100 pcs)	6.400 g
7704908	LAL+8 (pack 100 pcs)	12.260 g
77049010	LAL+10 (pack 50 pcs)	22.200 g
77049012	LAL+12 (pack 50 pcs)	44.800 g
77049016	LAL+16 (pack 25 pcs)	110.000 g



SORMAT 

Impact anchor SORMAT LAH, acid-proof

A4 HST impact anchor for suspension systems

- Pre-installed impact anchors are hammered into place with a setting tool.
- The anchors have metric threads for bolts and bars.
- Appropriate bolt length is 1 - 1.5 x nominal size of the anchor + thickness of the element to be fixed.
- Minimum installation depth makes overhead installations easy.
- Suitable for sprinkler systems.
- HST A4 for indoor, outdoor and industrial use.

• **Material :** Stainless steel A4

Art. No.	Type description	Product weight (per item)
77056	LAH6 (pack 100 pcs)	6.800 g
77058	LAH8 (pack 100 pcs)	12.200 g
770510	LAH10 (pack 50 pcs)	22.800 g
770512	LAH12 (pack 50 pcs)	46.300 g
770516	LAH16 (pack 25 pcs)	96.800 g
770520	LAH20 (pack 20 pcs)	192.000 g

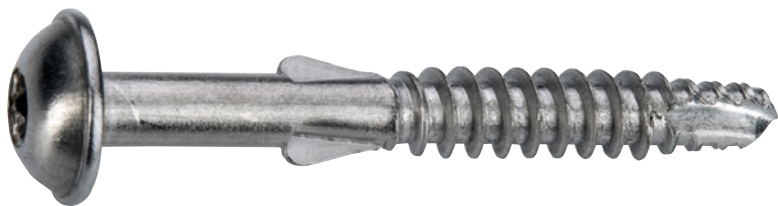


Setting tool for impact anchor PRO

An essential tool for safe and quick installation of impact anchors.

- The relevant original LT+ or LT+ PRO setting tools must be used for impact anchor installations.
- Impact anchors cannot be tightened with a screw or bolt.
- When installing travel-controlled spreading anchors, the correct setting tools should always be used. Using the incorrect tools could damage the threads and make the installation more difficult.
- The PRO model includes a rubber hand guard.

Art. No.	Type description	Product weight (per item)
77901406	LT+6 PRO (pack 1 pcs)	282.000 g
77901408	LT+8 PRO (pack 1 pcs)	289.000 g
77901410	LT+10 PRO (pack 1 pcs)	270.000 g
77901412	LT+12 PRO (pack 1 pcs)	509.000 g
77901416	LT+16 PRO (pack 1 pcs)	600.000 g



Façade construction screw to timber frame

Stainless A2, Ruspert coating

For fastening façade boards to timber frame without pre-drilled holes.

Reduced risk of splitting of wood due to cutting bit.

- **Nominal diameter :** 4.8 mm
- **Length :** 40 mm
- **Head diameter :** 10 mm
- **Internal drive :** TX20
- **Head height :** 3.2 mm
- **Head type :** Pan head
- **Material :** Stainless steel A2
- **Surface :** Bare
- **Product weight (per item):** 4.340 g
- **Drive type :** Internal TX
- **Screw-thread length with drill tip :** 22 mm

Art. No.	
761848 40	



Façade construction screw to metal frame

Stainless A2, Ruspert coating

For fastening façade boards to metal frame without pre-drilled holes.

Drill tip and first two threads made of hardened carbon steel.

Head and shank made of stainless steel A2 (1.4301)

Ruspert-coated.

Drilling capacity 1.2 mm min./1.8 mm max.

- **Nominal diameter :** 4.2 mm
- **Length :** 32 mm
- **Min./max. material thickness for steel :** 1.2-1.8 mm
- **Head diameter :** 10 mm
- **Internal drive :** TX20
- **Head height :** 2.8 mm
- **Head type :** Pan head
- **Material :** Bimetal
- **Surface :** Flake zinc silver
- **Product weight (per item):** 3.190 g
- **Drive type :** Internal TX
- **Max. attachment thickness :** 15 mm
- **Screw-thread length with drill tip :** 32 mm

Art. No.	
761842 32	



Plasterboard screw, coarse/spike

EN 14566, steel, zinc-electroplated

PH, countersunk head

- **Internal drive** : H2
- **Head diameter** : 8.5 mm
- **Material** : Steel
- **Surface** : Galvanised
- **EN standard** : 14566
- **Approval** : CE

Art. No.	Nominal diameter	Length	Type description	Product weight (per item)
119823845	3.5 mm	45 mm	3,8X45	2.000 g
119823841	3.8 mm	41 mm	3,8X41	2.000 g
119823851	3.8 mm	51 mm	3,8X51	2.400 g
119823832	3.9 mm	35 mm	3,8X32	1.650 g
119824265	4.2 mm	65 mm	4,2X65	4.100 g
119824275	4.2 mm	75 mm	4,2X75	4.800 g



EK plasterboard screw, coarse/spike For extra hard plasterboard

EN 14566, steel, zinc-electroplated

PH, countersunk head, combi thread

- **Nominal diameter** : 3.8 mm
- **Internal drive** : H2
- **Head diameter** : 7 mm
- **Material** : Steel
- **Surface** : Galvanised
- **EN standard** : 14566
- **Approval** : CE

Art. No.	Length	Type description	Product weight (per item)
119853828	28 mm	3,8X28	1.500 g
119853835	35 mm	3,8X35	1.800 g
119853841	41 mm	3,8X41	2.000 g
119853845	45 mm	3,8X45	1.800 g
119853851	51 mm	3,8X51	2.600 g



Plasterboard screw, fine/spike

EN 14566, steel, zinc-electroplated

PH, countersunk head

- **Nominal diameter :** 3.5 mm
- **Internal drive :** H2
- **Material :** Steel
- **Surface :** Galvanised
- **EN standard :** 14566
- **Approval :** CE

Art. No.	Length	Type description	Product weight (per item)
119813525	25 mm	3,5X25	1.500 g
119813535	35 mm	3,5X35	1.700 g
119813545	45 mm	3,5X45	2.000 g
119813555	55 mm	3,5X55	2.500 g



EK plasterboard screw, fine/spike For extra hard plasterboard

EN 14566, steel, zinc-electroplated

PH, countersunk head, combi thread

- **Nominal diameter :** 3.8 mm
- **Internal drive :** H2
- **Head diameter :** 6 mm
- **Material :** Steel
- **Surface :** Galvanised
- **EN standard :** 14566
- **Approval :** CE

Art. No.	Length	Type description	Product weight (per item)
119843828	28 mm	3,8X28	1.000 g
119843841	41 mm	3,8X41	2.000 g



Plasterboard screw, fine/drill

EN 14566, steel, zinc-electroplated

PH, countersunk head

- **Internal drive :** H2
- **Material :** Steel
- **Surface :** Galvanised
- **EN standard :** 14566
- **Approval :** CE

Art. No.	Nominal diameter	Length	Type description	Product weight (per item)
119833525	3.5 mm	25 mm	3,5X25	1.440 g
119833535	3.5 mm	35 mm	3,5X35	2.000 g
119833545	3.5 mm	45 mm	3,5X45	2.300 g
119833555	3.5 mm	55 mm	3,5X55	2.900 g
119834265	4.2 mm	65 mm	4,2X65	4.600 g



Fix master

Plasterboard screw, double thread, blue passivated, in strip spike tip

Blue passivated steel, double thread, Phillips groove

- **Material :** Steel

Art. No.	Type description	Product weight (per item)
0179983932	3,9X30	1.760 g
0179983941	3,9X41	2.100 g



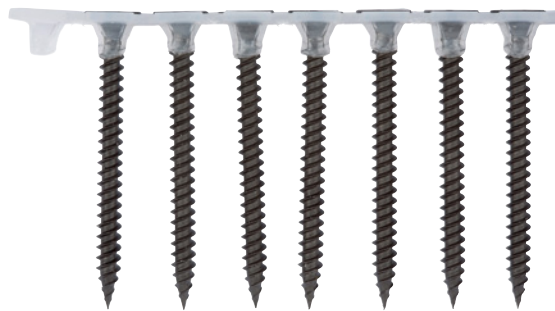
Fix master

Plasterboard screw, coarse thread, blue passivated, in strip spike tip

Blue passivated steel, coarse thread, Phillips groove

• **Material:** Steel

Art. No.	Type description	Product weight (per item)
0179013932	3,9X32	2.000 g
0179013941	3,9X41	2.600 g
0179013955	3,9X55	3.500 g



Fix master

Plasterboard screw, fine thread, phosphate coated, in strip spike tip

Phosphate coated, fine thread, Phillips groove

• **Material:** Steel

Art. No.	Type description	Product weight (per item)
017933925	3,9X25	1.800 g
017933935	3,9X35	2.300 g
017983935	3,9X35	2.400 g



Fix master

Sheet metal screw KFR, zinc-electroplated, PH head with groove

Sheet metal screw KFR, zinc-electroplated, PH head with groove

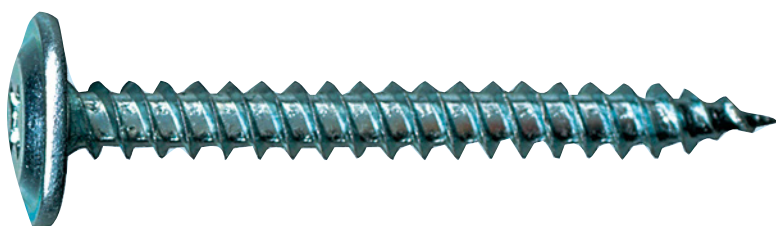
• **Material:** Steel

- Flat head.
- Wide flange : 11 mm.
- Sharp tip, drills in even without a pilot hole.
- For wood and sheet joints.

Art. No.	Type description	Product weight (per item)
113142 13	4,2X13	1.550 g
113142 16	4,2X16	1.770 g

Sheet metal screw KFR, zinc-electroplated, PH head with groove

Art. No.	Type description	Product weight (per item)
113142 19	4,2X19	2.160 g
113142 25	4,2X25	2.370 g
113142 32	4,2X32	2.800 g
113142 38	4,2X38	3.100 g
113142 45	4,2X45	3.800 g
113142 50	4,2X50	2.900 g
113142 55	4,2X55	4.600 g
113142 65	4,2X65	5.500 g
113142 75	4,2X75	6.100 g
113142 85	4,2X85	6.700 g
113142 95	4,2X95	1.500 g



fix master

Sheet metal screw KFR, zinc-electroplated, TX head with groove

Sheet metal screw KFR, zinc-electroplated, TX head with groove

- Flat head.
- Wide flange : 11 mm.
- Sharp tip, drills in even without a pilot hole.
- For wood and sheet joints.

• **Material :** Steel

Art. No.	Type description	Product weight (per item)
113154295	4,2X9,5	1.500 g
113154213	4,2X13	1.800 g
113154216	4,2X16	2.000 g
113154219	4,2X19	2.100 g
113154225	4,2X25	2.500 g
113154232	4,2X32	3.000 g
113154238	4,2X38	3.600 g
113154245	4,2X45	3.800 g
113154250	4,2X50	4.600 g
113154265	4,2X65	5.200 g
113154285	4,2X85	6.500 g



Sheet metal screw KFR, stainless, AISI410, PH head with groove

Sheet metal screw KFR, stainless, AISI410, PH head with groove

- Flat head.
- Wide flange : 11 mm.
- Sharp tip, drills in even without a pilot hole.
- For wood and sheet joints.

• **Material :** Stainless steel AISI 410

Art. No.	Type description	Product weight (per item)
113104213	4,2X13	1.850 g
113104219	4,2X19	2.150 g
113104225	4,2X25	2.600 g
113104232	4,2X32	0.010 g
113104238	4,2X38	3.550 g



Sheet metal screw KFR, black passivated, PH head with groove

Sheet metal screw KFR, black passivated, PH head with groove

- Flat head.
- Wide flange : 11 mm.
- Sharp tip, drills in even without a pilot hole.
- For wood and sheet joints.

• **Material :** Steel

Art. No.	Type description	Product weight (per item)
113114213	4,2X13	1.750 g
113114216	4,2X16	1.860 g
113114219	4,2X19	2.170 g
113114225	4,2X25	2.600 g
113114232	4,2X32	3.000 g
113114238	4,2X38	3.400 g
113114245	4,2X45	3.800 g
113114265	4,2X65	5.500 g



Fix master

Sheet metal screw KFR, painted white, PH head with groove

Sheet metal screw KFR, painted white, PH head with groove

- Flat head.
- Wide flange : 11 mm.
- Sharp tip, drills in even without a pilot hole.
- For wood and sheet joints.

• **Material :** Steel

Art. No.	Type description	Product weight (per item)
113124213	4,2X13	1.750 g
113124216	4,2X16	1.860 g
113124219	4,2X19	2.170 g
113124225	4,2X25	2.600 g
113124232	4,2X32	3.000 g
113124238	4,2X38	3.400 g
113124245	4,2X45	3.800 g
113124250	4,2X50	4.200 g
113124265	4,2X65	5.500 g
113124285	4,2X85	6.600 g



Fix master

Hexagon head, wood screw Cap screw

DIN 571, hot dip galvanised steel

- For secure wood mountings
- Hexagon head allows using more force during installation
- A hole must be predrilled for the screw according to the diameter and wood type (hardwood).

• **Material :** Steel

• **DIN :** 571

Art. No.	Type description	Product weight (per item)
51926 30	6X30	6.620 g
51926 40	6X40	8.220 g
51926 50	6X50	9.640 g
51926 60	6X60	11.200 g
51926 70	6X70	12.500 g
51926 75	6X75	15.000 g
51926 80	6X80	15.600 g
51926 90	6X90	15.500 g
51926 100	6X100	20.000 g
51928 30	8X30	12.900 g
51928 35	8X35	14.200 g
51928 40	8X40	15.600 g
51928 50	8X50	18.200 g
51928 55	8X55	19.000 g
51928 60	8X60	20.900 g
51928 65	8X65	22.200 g

Art. No.	Type description	Product weight (per item)
51928 70	8X70	23.600 g
51928 75	8X75	25.000 g
51928 80	8X80	26.500 g
51928 90	8X90	28.000 g
51928 100	8X100	32.000 g
51928 120	8X120	38.000 g
51928 140	8X140	44.000 g
51928 150	8X150	47.000 g
51928 160	8X160	52.230 g
519210 30	10X30	23.600 g
519210 40	10X40	28.000 g
519210 50	10X50	32.100 g
519210 60	10X60	36.500 g
519210 65	10X65	36.000 g
519210 70	10X70	40.700 g
519210 75	10X75	10.000 g
519210 80	10X80	45.200 g
519210 90	10X90	50.000 g
519210 100	10X100	54.000 g
519210 120	10X120	61.400 g
519210 140	10X140	71.740 g
519210 160	10X160	78.700 g
519210 180	10X180	89.000 g
519210 200	10X200	102.000 g
519212 50	12X50	45.400 g
519212 60	12X60	51.800 g
519212 65	12X65	54.700 g
519212 70	12X70	57.800 g
519212 80	12X80	62.000 g
519212 90	12X90	72.000 g
519212 100	12X100	77.100 g
519212 120	12X120	89.500 g
519212 130	12X130	98.000 g
519212 140	12X140	100.000 g
519212 150	12X150	110.000 g
519212 160	12X160	120.000 g
519212 180	12X180	128.000 g
519212 200	12X200	147.200 g
519216 75	16X75	112.000 g
519216 100	16X100	141.000 g
519216 150	16X150	0.198 g
519216 260	16X260	320.000 g
519216 300	16X300	100.000 g
51928 130	M8X130	42.000 g
519212 75	M12X75	60.700 g



Fix master

Hexagon head, wood screw Cap screw

DIN 571, blue passivated steel

- For secure wood mountings
 - Hexagon head allows using more force during installation
 - A hole must be predrilled for the screw according to the diameter and wood type (hardwood).
- **Material:** Steel
 - **DIN:** 571

Art. No.	Type description	Product weight (per item)
11925 30	5X30	7.000 g
11925 40	5X40	8.000 g
11925 50	5X50	8.500 g
11925 60	5X60	9.000 g
11926 25	6X25	5.820 g
11926 30	6X30	6.620 g
11926 35	6X35	7.420 g
11926 40	6X40	8.220 g
11926 45	6X45	8.000 g
11926 50	6X50	9.640 g
11926 60	6X60	11.200 g
11926 65	6X65	12.000 g
11926 70	6X70	12.500 g
11926 80	6X80	15.600 g
11926 90	6X90	15.500 g
11926 100	6X100	17.000 g
11926 120	6X120	20.000 g
11928 30	8X30	12.900 g
11928 40	8X40	15.600 g
11928 45	8X45	16.900 g
11928 50	8X50	18.200 g
11928 60	8X60	20.900 g
11928 65	8X65	22.200 g
11928 70	8X70	23.600 g
11928 75	8X75	25.000 g
11928 80	8X80	26.500 g
11928 90	8X90	29.400 g
11928 100	8X100	32.000 g
11928 120	8X120	38.000 g
11928 130	8X130	38.000 g
11928 140	8X140	44.000 g
11928 160	8X160	52.230 g
119210 30	10X30	2.360 g
119210 40	10X40	28.000 g
119210 45	10X45	30.000 g
119210 50	10X50	32.100 g
119210 55	10X55	34.300 g
119210 60	10X60	36.500 g
119210 70	10X70	40.700 g
119210 75	10X75	42.900 g
119210 80	10X80	45.200 g
119210 90	10X90	50.000 g
119210 100	10X100	54.000 g
119210 110	10X110	56.400 g
119210 120	10X120	61.400 g

Art. No.	Type description	Product weight (per item)
119210 130	10X130	81.000 g
119210 140	10X140	71.740 g
119210 160	10X160	78.700 g
119210 180	10X180	130.000 g
119210 200	10X200	102.000 g
119212 40	12X40	39.200 g
119212 50	12X50	45.400 g
119212 60	12X60	51.920 g
119212 70	12X70	57.800 g
119212 80	12X80	62.620 g
119212 90	12X90	71.000 g
119212 100	12X100	77.100 g
119212 120	12X120	92.020 g
119212 140	12X140	110.000 g
119212 160	12X160	130.000 g
119212 180	12X180	126.000 g
119212 200	12X200	139.000 g
119212 240	12X240	220.000 g
119212 300	12X300	210.000 g
119216 100	16X100	145.000 g
119216 180	16X180	229.000 g
11926 75	M6X75	13.000 g
11928 25	M8X25	12.000 g
11928 35	M8X35	14.200 g
119212 260	M12X260	187.000 g
119216 140	M16X140	174.000 g



Fix master

Brass screw cap head DIN7996 PZ MS

DIN 7996, brass, Pz driver

- **Material:** Brass
- **DIN:** 7996

Art. No.	Type description	Product weight (per item)
21413 12	3,0X12	0.940 g
21413 16	3,0X16	1.130 g
21413 20	3,0X20	1.340 g
21413 25	3,0X25	1.600 g
21413 30	3,0X30	1.700 g
214135 16	3,5X16	1.530 g
214135 20	3,5X20	1.820 g
214135 25	3,5X25	2.150 g
214135 30	3,5X30	2.480 g
214135 40	3,5X40	2.800 g
21414 20	4,0X20	2.430 g
21414 25	4,0X25	2.840 g
21414 30	4,0X30	3.260 g
21414 35	4,0X35	3.390 g
21414 351	4,0X35	3.390 g
21414 40	4,0X40	3.770 g

Brass screw cap head DIN7996 PZ MS

Art. No.	Type description	Product weight (per item)
21414 50	4,0X50	4.880 g
214145 25	4,5X25	3.650 g
214145 30	4,5X30	4.170 g
214145 35	4,5X35	1.000 g
214145 40	4,5X40	5.240 g
21415 20	5,0X20	0.001 g
21415 30	5,0X30	4.580 g
21415 40	5,0X40	6.650 g
21415 50	5,0X50	7.930 g
21415 60	5,0X60	9.250 g
21415 70	5,0X70	5.300 g



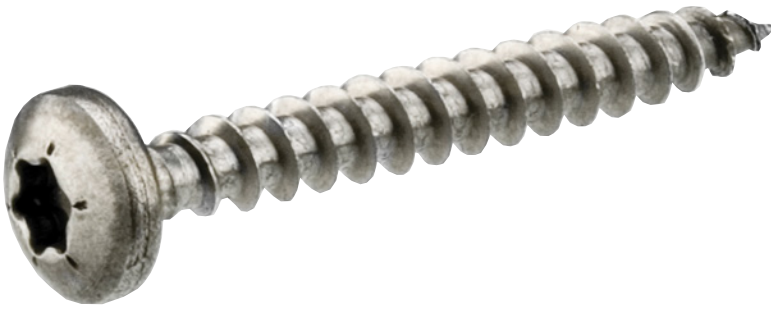
fix master

Chipboard screw, cylinder head, A2, TX

partial thread

- **Material :** Stainless steel A2
- **EN standard :** 14592

Art. No.	Type description	Product weight (per item)
218224 50	4,0X50	3.000 g
218225 50	5,0X50	4.700 g
218225 60	5,0X60	5.600 g
218225 70	5,0X70	7.240 g
218225 80	5,0X80	8.500 g
218226 60	6,0X60	9.050 g
218226 70	6,0X70	9.200 g
218226 80	6,0X80	9.350 g



Chipboard screw, cylinder head, A2, TX

full thread

- **Material :** Stainless steel A2
- **EN standard :** 14592

Art. No.	Type description	Product weight (per item)
218223 16	3,0X16	0.740 g
218223 20	3,0X20	0.910 g
218223 25	3,0X25	1.050 g
218223 30	3,0X30	1.110 g
218223516	3,5X16	0.960 g
218223520	3,5X20	1.520 g
218223525	3,5X25	1.570 g
218223530	3,5X30	1.610 g
218224 16	4,0X16	1.360 g
218224 20	4,0X20	1.550 g
218224 25	4,0X25	1.750 g
218224 30	4,0X30	2.000 g
218224 35	4,0X35	2.290 g
218224 40	4,0X40	2.380 g
218224 45	4,0X45	5.000 g
218225 25	5,0X25	3.400 g
218225 30	5,0X30	3.630 g
218225 35	5,0X35	3.810 g
218225 40	5,0X40	4.300 g
218225 45	5X45	4.000 g
218225 51	5X50	4.700 g
218225 61	5X60	5.600 g
218226 20	6,0X20	0.380 g
218226 30	6,0X30	5.600 g
218226 40	6,0X40	8.450 g
218226 45	6,0X45	8.570 g
218226 50	6,0X50	8.000 g
218226 81	6X80	9.350 g




Chipboard screw, cylinder head, TX

Zinc-electroplated, partial thread

- Pan head.
- Zinc-coated.
- Partial thread.

- **Material :** Hardened steel
- **EN standard :** 14592

Art. No.	Type description	Product weight (per item)
019414 45	4,0X45	2.710 g
019414 50	4,0X50	3.000 g
019414 60	4,0X60	3.500 g
019414550	4,5X50	3.820 g
019414560	4,5X60	4.460 g
019415 45	5,0X45	4.510 g
019415 50	5,0X50	4.720 g
019415 60	5,0X60	5.980 g
019415 70	5,0X70	7.240 g
019415 80	5,0X80	8.500 g
019416 50	6,0X50	6.170 g
019416 60	6,0X60	8.560 g
019416 70	6,0X70	9.650 g
019416 80	6,0X80	10.740 g
019416 100	6,0X100	11.390 g
019416 120	6,0X120	13.510 g




Chipboard screw, cylinder head, TX

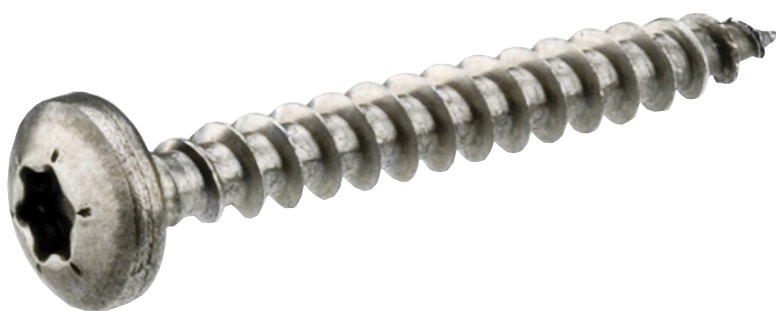
Zinc-electroplated, full thread

- Pan head
- Zinc-coated
- Full thread

- **Material :** Hardened steel
- **EN standard :** 14592

Art. No.	Type description	Product weight (per item)
01943 12	3,0X12	0.530 g
01943 16	3,0X16	0.660 g
01943 20	3,0X20	0.800 g
01943 25	3,0X25	0.900 g
01943 30	3,0X30	1.030 g
019435 12	3,5X12	0.800 g
019435 16	3,5X16	0.960 g
019435 20	3,5X20	1.130 g
019435 25	3,5X25	1.280 g

Art. No.	Type description	Product weight (per item)
019435 30	3,5X30	1.500 g
019435 40	3,5X40	1.820 g
01944 12	4,0X12	1.020 g
01944 16	4,0X16	1.360 g
01944 20	4,0X20	1.550 g
01944 25	4,0X25	1.750 g
01944 30	4,0X30	2.000 g
01944 35	4,0X35	2.290 g
01944 40	4,0X40	2.480 g
019445 20	4,5X20	1.930 g
019445 25	4,5X25	2.290 g
019445 30	4,5X30	2.540 g
019445 35	4,5X35	2.760 g
019445 40	4,5X40	3.180 g
01945 20	5,0X20	2.700 g
01945 25	5,0X25	3.100 g
01945 30	5,0X30	3.630 g
01945 35	5,0X35	3.810 g
01945 40	5,0X40	4.300 g



General purpose screw cylinder head A4 Torx

• EN standard : 14592

Art. No.	Type description	Product weight (per item)
908523 16	3,0X16	0.800 g
908523 25	3,0X25	1.000 g
908523520	3,5X20	1.200 g
908523530	3,5X30	2.000 g
908524 20	4,0X20	2.000 g
908524 30	4,0X30	2.000 g
908524 40	4,0X40	2.000 g
908524 50	4,0X50	3.000 g
908525 25	5,0X25	3.000 g
908525 35	5,0X35	4.000 g
908525 40	5,0X40	4.000 g
908525 50	5,0X50	5.000 g



Fix master

Wood screw, oval head

DIN 7995, brass, PZ groove

- **Material :** Brass
- **DIN :** 7995

Art. No.	Type description	Product weight (per item)
214025 12	2,5X12	0.450 g
214025 16	2,5X16	0.570 g
21403 16	3,0X16	0.930 g
21403 20	3,0X20	1.100 g
21403 25	3,0X25	1.350 g
21403 30	3,0X30	1.590 g
21403 35	3,0X35	1.820 g
21403 40	3,0X40	2.060 g
214035 16	3,5X16	1.400 g
214035 20	3,5X20	1.500 g
214035 25	3,5X20	1.790 g
214035 30	3,5X30	2.110 g
214035 40	3,5X40	2.740 g
214035 50	3,5X50	3.380 g
21404 16	4,0X16	10.000 g
21404 20	4,0X20	1.890 g
21404 25	4,0X25	2.270 g
21404 30	4,0X30	2.660 g
21404 40	4,0X40	3.450 g
21404 50	4,0X50	4.170 g
21404 60	4,0X60	4.890 g
214045 40	4,5X40	4.220 g
214045 50	4,5X50	5.220 g
21405 40	5,0X40	5.160 g
21405 50	5,0X50	7.000 g
21405 60	5,0X60	7.570 g
21405 70	5,0X70	8.770 g



Fix master

Terrace screw A2, cutting head, TX Stainless steel A2, bright

For outdoor use. For impregnated wood.

- **Material :** Stainless steel A2

Countersunk head has nibs for clean finish on wood constructions. Thanks to this form, no separate countersink is needed and the screw can be driven into hard material in a single stage.

Art. No.	Type description	Nominal diameter	Length
718825 70	5X70	5 mm	70 mm
718825 90	5X90	5 mm	90 mm
718825 100	5X100	5 mm	100 mm
718826 120	6X120	6 mm	120 mm



Fix master

Terrace screw A2, cutting head, TX Stainless steel A2, bright

For outdoor use. For impregnated wood, we recommend class A2/A4 fasteners

- **Material :** Stainless steel A2
- **Nominal diameter :** 4.2 mm

Countersunk head has nibs for clean finish on wood constructions. Thanks to this form, no separate countersink is needed and the screw can be driven into hard material in a single stage.

Art. No.	Type description	Length
7188242451	4,2X45 (pack 200 pcs)	45 mm
7188242551	4,2X55 (pack 200 pcs)	55 mm



Terrace screw AISI410, TX Stainless steel AISI410, brown

For outdoor use. For impregnated wood, we recommend class A2/A4 fasteners

Stainless steel AISI 410.

(ISO C1).

AISI 410 can be hardened, unlike other stainless steels. The hardening treatment makes the screws much harder than regular A2 screws.

Being harder, these screws have improved drilling characteristics and head slot retention, which can be problematic with regular A2 screws.

AISI 410 is also magnetic.

- **Material :** Stainless steel AISI 410
- **Colour :** Brown
- **Head diameter :** 8.5 mm

Countersunk head has nibs for clean finish on wood constructions. Thanks to this form, no separate countersink is needed and the screw can be driven into hard material in a single stage.

Art. No.	Type description	Nominal diameter	Length
718884245	4,2X45	4.2 mm	45 mm
718884255	4,2X55	4.2 mm	55 mm
718884870	4,8X70	4.8 mm	70 mm
718884890	4,8X90	4.8 mm	90 mm



Wood screw, brass, countersunk head

DIN 7997 PZ groove

- **Material :** Brass
- **DIN :** 7997

Art. No.	Type description	Product weight (per item)
214225 12	2,5X12	0.470 g
214225 16	2,5X16	0.600 g
214225 20	2,5X20	2.000 g
21423 12	3,0X12	0.760 g
21423 16	3,0X16	0.960 g
21423 20	3,0X20	1.150 g
21423 25	3,0X25	1.410 g
21423 30	3,0X30	1.670 g
21423 35	3,0X35	1.400 g
21423 40	3,0X40	2.180 g
214235 12	3,5X12	1.000 g
214235 16	3,5X16	1.270 g
214235 20	3,5X20	1.550 g
214235 25	3,5X25	1.880 g
214235 30	3,5X30	2.210 g
214235 35	3,5X35	2.350 g
214235 40	3,5X40	2.880 g

Art. No.	Type description	Product weight (per item)
21424 12	4,0X12	1.000 g
21424 16	4,0X16	1.620 g
21424 20	4,0X20	1.940 g
21424 25	4,0X25	2.350 g
21424 30	4,0X30	2.770 g
21424 35	4,0X35	3.190 g
21424 40	4,0X40	3.600 g
21424 45	4,0X45	4.800 g
21424 50	4,0X50	4.390 g
21424 60	4,0X60	5.000 g
214245 25	4,5X25	2.940 g
214245 30	4,5X30	3.460 g
214245 40	4,5X40	4.520 g
214245 50	4,5X50	5.570 g
214245 60	4,5X60	5.770 g
21425 30	5,0X30	4.330 g
21425 40	5,0X40	5.570 g
21425 50	5,0X50	6.850 g
21425 60	5,0X60	8.170 g
21425 70	5,0X70	8.520 g
21425 80	5,0X80	9.450 g
214255 80	5,5X80	1.000 g
21426 45	6,0X45	30.000 g
21426 60	6,0X60	11.700 g
21426 70	6,0X70	13.540 g
21426 80	6,0X80	0.013 g



Fix master

Ho-Bau screw

Zinc-coated, coarse thread. Ph-ura uppokanta

The Ho-Bau thin-core thread penetrates well in wood and different boards.

The small head and its „milling grooves“ will sink the screw in the hardest of wood or board without splitting the material.

- **Material:** Hardened steel

Art. No.	Type description	Product weight (per item)
118823925	3,9X25	1.400 g
118824235	4,2X35	2.250 g
118824245	4,2X45	2.800 g
118824255	4,2X55	3.250 g
1188242622	4,2X65	3.960 g
118824265	4,2X65	3.960 g
118824275	4,2X75	4.530 g



Ho-Bau screw

Zinc-coated, coarse thread. Torx-ura uppokanta

The Ho-Bau thin-core thread penetrates well in wood and different boards.

The small head and its „milling grooves“ will sink the screw in the hardest of wood or board without splitting the material.

The Torx slot enables a better transfer of force.

This reduces the impact bit's tendency to slip from the slot (cam-out), reducing wear and tear.

• **Material :** Hardened steel

Art. No.	Type description	Product weight (per item)
118834235	4,2X35	2.000 g
118834245	4,2X45	2.800 g
118834255	4,2X55	3.000 g
118834265	4,2X65	3.800 g
118834275	4,2X75	4.300 g



Ho-Bau screw

Sinkitty, tiuhakierre. Ph uppokanta

The Ho-Bau thin-core thread penetrates well in wood and different boards.

The small head and its „milling grooves“ will sink the screw in the hardest of wood or board without splitting the material.

• **Material :** Hardened steel

Art. No.	Type description	Product weight (per item)
118814225	3,9X25	1.600 g
118814235	3,9X35	2.200 g
118814245	3,9X45	2.850 g
118814255	3,9X55	3.350 g



Roofing screw, countersunk head, Phillips head, yellow passivated

• **Material :** Hardened steel

Art. No.	Type description	Product weight (per item)
218948 50	4,8X50	4.520 g
218948 60	4,8X60	5.400 g
218948 70	4,8X70	6.400 g
218948 80	4,8X80	7.200 g
218948 90	4,8X90	8.200 g
218948 110	4,8X110	9.570 g

Art. No.	Type description	Product weight (per item)
218948 130	4,8X130	11.390 g
218948 150	4,8X150	13.090 g



Fix master

Particle board screw countersunk head Fix-cutter, partially threaded

Screw with cutting groove, TX-head

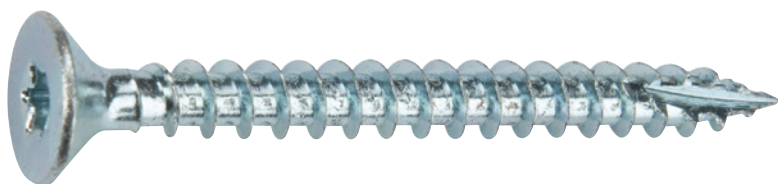
Cutting groove reduces risk of splitting of the wood, and eases the screwing force.

The Torx slot enables a better transfer of force.

This reduces the impact bit's tendency to slip from the slot (cam-out), reducing wear and tear.

• **Material:** Steel

Art. No.	Type description	Product weight (per item)
019314550	4,5X50	3.300 g
019314560	4,5X60	3.920 g
019314 50	4X50	2.640 g
019314 60	4X60	3.090 g
019315 50	5X50	3.440 g
019315 60	5X60	4.900 g
019315 70	5X70	5.800 g
019315 80	5X80	6.520 g
019315 90	5X90	7.240 g
019315 100	5X100	7.960 g
019315 120	5X120	9.400 g
019316 50	6X50	6.100 g
019316 60	6X60	7.150 g
019316 70	6X70	8.210 g
019316 80	6X80	9.270 g
019316 90	6X90	10.330 g
019316 100	6X100	11.390 g
019316 120	6X120	13.510 g
019316 140	6X140	15.630 g
019316 160	6X160	18.000 g
019316 180	6X180	21.000 g
019316 200	6X200	24.000 g



Fix master

Particle board screw countersunk head Fix-cutter, fully threaded

Screw with cutting groove, TX-head

Cutting groove reduces risk of splitting of the wood, and eases the screwing force.

The Torx slot enables a better transfer of force.

This reduces the impact bit's tendency to slip from the slot (cam-out), reducing wear and tear.

• **Material:** Steel

Art. No.	Type description	Product weight (per item)
019345 30	4,5X30	2.140 g
019345 35	4,5X35	2.450 g
019345 40	4,5X40	2.740 g
019345 45	4,5X45	0.560 g
01934 30	4X30	1.620 g
01934 35	4X35	1.870 g
01934 40	4X40	2.180 g
01934 45	4X45	2.350 g
01935 40	5X40	3.440 g

Fix master



Chipboard screw, countersunk head, partial thread

Zinc-electroplated, TX head with groove

• **Material:** Steel

Art. No.	Type description	Product weight (per item)
019713 30	3,0X30	0.420 g
019713540	3,5X40	1.630 g
019713550	3,5X50	1.800 g
019713 40	3X40	1.300 g
019714 28	4,0X25	1.690 g
019714 40	4,0X40	2.180 g
019714 50	4,0X50	2.640 g
019714 60	4,0X60	3.090 g
019714 70	4,0X70	3.560 g
019714545	4,5X45	3.030 g
019714550	4,5X50	3.300 g
019714560	4,5X60	3.920 g
019714570	4,5X70	4.510 g
019714580	4,5X80	5.100 g
019715 40	5,0X40	3.300 g
019715 50	5,0X50	4.200 g

Art. No.	Type description	Product weight (per item)
019715 60	5,0X60	4.900 g
019715 70	5,0X70	5.800 g
019715 80	5,0X80	6.520 g
019715 90	5,0X90	7.240 g
019715 100	5,0X100	7.960 g
019715 120	5,0X120	9.400 g
019716 50	6,0X50	6.100 g
019716 60	6,0X60	7.150 g
019716 70	6,0X70	8.210 g
019716 80	6,0X80	9.270 g
019716 90	6,0X90	10.330 g
019716 100	6,0X100	11.390 g
019716 120	6,0X120	13.510 g
019716 130	6,0X130	14.570 g
019716 140	6,0X140	15.630 g
019716 160	6,0X160	17.750 g
019716 180	6,0X180	20.600 g
019716 200	6,0X200	22.730 g
019716 220	6,0X220	25.000 g
019716 260	6,0X260	37.700 g
019718 100	8,0X100	23.000 g
019718 120	8,0X120	27.000 g
019718 140	8,0X140	31.700 g
019718 160	8,0X160	38.000 g
019718 180	8,0X180	38.000 g
019718 200	8,0X200	38.000 g
019718 220	8,0X220	48.400 g
019718 240	8,0X240	0.050 g
019718 260	8,0X260	56.500 g
019718 300	8,0X300	65.300 g
019718 340	8,0X340	73.700 g



fix master

Chipboard screw, countersunk head, full thread

Zinc-electroplated, TX head with groove

• **Material:** Steel

Art. No.	Type description	Product weight (per item)
019725 16	2,5X16	0.300 g
01973 12	3,0X12	0.420 g
01973 16	3,0X16	0.540 g
01973 20	3,0X20	0.660 g
01973 25	3,0X25	0.780 g
01973 30	3,0X30	0.920 g
01973 35	3,0X35	1.000 g
019735 12	3,5X12	0.630 g
019735 16	3,5X16	0.770 g
019735 20	3,5X20	0.880 g

Chipboard screw, countersunk head, full thread

Art. No.	Type description	Product weight (per item)
019735 25	3,5X25	1.070 g
019735 30	3,5X30	1.300 g
019735 35	3,5X35	1.460 g
019735 40	3,5X40	1.620 g
019735 45	3,5X45	1.800 g
01974 16	4,0X16	0.960 g
01974 20	4,0X20	1.200 g
01974 25	4,0X25	1.390 g
01974 30	4,0X30	1.620 g
01974 35	4,0X35	1.870 g
01974 40	4,0X40	2.180 g
01974 45	4,0X45	2.350 g
01974 50	4,0X50	2.640 g
01974 60	4,0X60	3.090 g
019745 20	4,5X20	1.560 g
019745 25	4,5X25	1.950 g
019745 30	4,5X30	2.140 g
019745 35	4,5X35	2.450 g
019745 40	4,5X40	2.740 g
019745 45	4,5X45	3.020 g
01975 20	5,0X20	1.980 g
01975 25	5,0X25	2.380 g
01975 30	5,0X30	2.640 g
01975 35	5,0X35	3.080 g
01975 40	5,0X40	3.440 g
01975 45	5,0X45	3.720 g
01976 40	6,0X40	4.990 g



Fix master

Particle board screw, TX countersunk head, partial thread

A2 stainless, TX head with groove

• **Material:** Stainless steel A2

Art. No.	Type description	Product weight (per item)
118224535	4,5X35	2.640 g
118224540	4,5X40	2.810 g
118224550	4,5X50	3.390 g
118224560	4,5X60	4.200 g
118224570	4,5X70	5.200 g
118224580	4,5X80	5.630 g
118224 35	4X35	1.890 g
118224 40	4X40	2.130 g
118224 45	4X45	2.350 g
118224 50	4X50	2.970 g

Art. No.	Type description	Product weight (per item)
118224 60	4X60	3.390 g
118224 70	4X70	4.620 g
118225 50	5X50	4.380 g
118225 60	5X60	4.760 g
118225 70	5X70	5.860 g
118225 80	5X80	6.410 g
118225 90	5X90	7.520 g
118225 100	5X100	9.100 g
118226 40	6X40	5.470 g
118226 50	6X50	6.460 g
118226 60	6X60	7.620 g
118226 70	6X70	7.800 g
118226 80	6X80	10.200 g
118226 90	6X90	10.600 g
118226 100	6X100	12.400 g
118226 120	6X120	13.400 g
118226 130	6X130	1.570 g
118226 140	6X140	17.540 g
118226 150	6X150	1.700 g
118226 160	6X160	18.000 g
118226 180	6X180	21.100 g
118226 200	6X200	23.200 g



Fix master

General purpose screw, acid-proof, countersunk TX head, partial thread

A4 acid-proof, TX head

- **Material:** Stainless steel A4

Art. No.	Type description	Product weight (per item)
418314 40	4,0X40	2.180 g
418314 50	4,0X50	2.640 g
418315 30	5,0X30	2.640 g
418315 40	5,0X40	3.440 g
418315 50	5,0X50	4.200 g
418315 60	5,0X60	4.900 g
418315 70	5,0X70	5.800 g
418315 80	5,0X80	7.200 g
418316 40	6,0X40	4.990 g
418316 50	6,0X50	6.100 g
418316 80	6,0X80	9.270 g



Chipboard screw, stainless, countersunk head, full thread

A2 stainless, TX head with groove

• **Material:** Stainless steel A2

Art. No.	Type description	Product weight (per item)
118223516	3,5X16	0.500 g
118223520	3,5X20	1.100 g
118223525	3,5X25	1.200 g
118223530	3,5X30	1.500 g
118223535	3,5X35	0.580 g
118224530	4,5X30	2.000 g
118224 20	4X20	1.280 g
118224 25	4X25	1.610 g
118224 30	4X30	1.710 g
118225 30	5X30	2.770 g
118225 35	5X35	3.290 g
118225 40	5X40	3.690 g
118225 45	5X45	4.000 g



General purpose screw, countersunk head, full thread

A2 acid-proof, TX head

• **Material:** Stainless steel A4

Art. No.	Type description	Product weight (per item)
41833 20	3,0X20	0.660 g
41833 25	3,0X25	0.780 g
41833 30	3,0X30	0.950 g
41834 20	4,0X20	1.200 g
41834 25	4,0X25	1.390 g
41834 30	4,0X30	1.620 g
41834 35	4,0X35	1.870 g



Element screw, carbon steel + RUSPERT coating PIAS

DIN7504-K RUSPERT, with seal, long drill tip

For fastening insulation elements to steel structures.

Drilling length 12 mm. AV 8

Carbon steel, Ruspert-coated

Screw :

- Hardened carbon steel
- Ruspert-coated
- Head DIN 7504 K
- Washer Ø 19mm
- Stainless steel A2 and vulcanised EPDM rubber seal

- **Material :** Hardened steel
- **Surface :** Flake zinc
- **DIN :** 7504
- **Min. material thickness for steel :** 3 mm
- **Max. material thickness for steel :** 12 mm
- **Min./max. material thickness for steel :** 3-12 mm
- **Outside diameter of the sealing washer :** 19 mm
- **Width across flats :** 8 mm

Technical brochure : https://www.ferrometal.fi/fi/ferrometal/products/product_catalogue_and_brochures/brochures_catalogues.php

Art. No.	Type description	Product weight (per item)
0200063110	6,3X110	22.700 g
0200063120	6,3X120	23.500 g
0200063130	6,3X130	26.000 g
0200063141	6,3X140/5	28.000 g
0200063151	6,3X150/5	29.500 g
0200063190	6,3X190	35.790 g
0200063235	6,3X235	42.000 g
0200063285	6,3X285	52.000 g



PIASTA™

Drilling screw, round pan head, PH head with Phillips groove PIASTA stainless A2 + RUSPERT coating

Drilling, threading and screwing all in one step

- **Material :** Bimetal
- **Surface :** Flake zinc
- **Internal drive :** H2
- **Drive type :** Crosshead

Stainless steel A2

- A2 (AISI 304) – screw head and screw shaft made of stainless steel
- Drill tip and first threads from hardened steel ensure good drilling capability
-

Precise bore diameter in each screw connection

- Minimum thread tolerance
- Always optimum mounting

Technical brochure : https://www.ferrometal.fi/fi/ferrometal/products/product_catalogue_and_brochures/brochures_catalogues.php

Art. No.	Type description	Min. material thickness for steel	Max. material thickness for steel	Min./max. material thickness for steel	Effective length	Product weight (per item)
721135 16	3,5X16	0.7 mm	2.25 mm	0.7-2.25 mm	11 mm	1.100 g
721142 16	4,2X16	1.75 mm	3.0 mm	1.75-3.0 mm	10 mm	1.570 g
721142 19	4,2X19	1.75 mm	3.0 mm	1.75-3.0 mm	13 mm	1.810 g
721142 25	4,2X25	1.75 mm	3.0 mm	1.75-3.0 mm	19 mm	2.270 g
721142 32	4,2X32	1.75 mm	3.0 mm	1.75-3.0 mm	26 mm	3.000 g
721142 38	4,2X38	1.75 mm	3.0 mm	1.75-3.0 mm	32 mm	3.200 g
721148 19	4,8X19	1.75 mm	4.4 mm	1.75-4.4 mm	9 mm	3.000 g
721148 25	4,8X25	1.75 mm	4.4 mm	1.75-4.4 mm	15 mm	3.150 g
721148 32	4,8X32	1.75 mm	4.4 mm	1.75-4.4 mm	22 mm	3.750 g
721148 38	4,8X38	1.75 mm	4.4 mm	1.75-4.4 mm	28 mm	4.350 g



Drilling screw, round pan head, PH head with Phillips groove PIAS stainless AISI410 + RUSPERT coating

Drilling, threading and screwing all in one step

Stainless steel AISI410

- AISI 410 – stainless steel, which can be hardened, magnetic

Precise bore diameter in each screw connection

- Minimum thread tolerance
- Always optimum mounting

- **Material :** Stainless steel AISI 410
- **Surface :** Flake zinc
- **Min. material thickness for steel :** 1 mm
- **Max. material thickness for steel :** 2 mm
- **Min./max. material thickness for steel :** 1-2 mm
- **Internal drive :** H2
- **Drive type :** Crosshead

Art. No.	Type description	Effective length	Product weight (per item)
021114213	4,2X13	7 mm	1.370 g
021114216	4,2X16	10 mm	1.570 g
021114219	4,2X19	13 mm	1.810 g
021114225	4,2X25	19 mm	2.200 g



Drilling screw, round pan head, PH head with Phillips groove PIAS carbon steel + RUSPERT coating

Drilling, threading and screwing all in one step

Less time and effort

Exact drilling diameter for each screw-mounting

- Minimum thread tolerance
- Always optimum mounting

- **Material :** Steel
- **Surface :** Flake zinc
- **Internal drive :** H2
- **Drive type :** Crosshead

Technical brochure : https://www.ferrometal.fi/fi/ferrometal/products/product_catalogue_and_brochures/brochures_catalogues.php

Art. No.	Type description	Min. material thickness for steel	Max. material thickness for steel	Min./max. material thickness for steel	Effective length	Product weight (per item)
621135 13	3,5X13	0.7 mm	2.25 mm	0.7-2.25 mm	8 mm	1.010 g
621135 19	3,5X19	0.7 mm	2.25 mm	0.7-2.25 mm	14 mm	1.250 g
621142 25	4,2X25	1.75 mm	3 mm	1.75-3 mm	19 mm	2.200 g
621148 16	4,8X16	1.75 mm	4.4 mm	1.75-4.4 mm	6 mm	2.250 g
621148 19	4,8X19	1.75 mm	4.4 mm	1.75-4.4 mm	9 mm	2.550 g
621148 38	4,8X38	1.75 mm	4.4 mm	1.75-4.4 mm	28 mm	4.300 g
621148 50	4,8X50	1.75 mm	4.4 mm	1.75-4.4 mm	40 mm	5.400 g



Drilling screw, round pan head, PH head with Phillips groove PIAS zinc-electroplated

Drilling, threading and screwing all in one step

Less time and effort

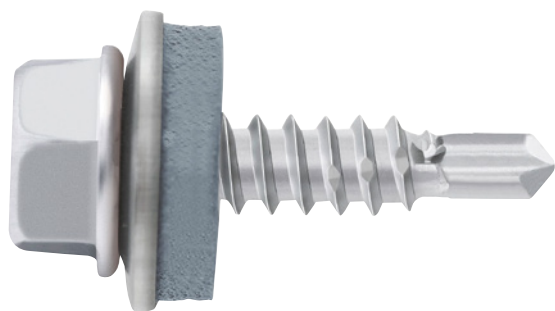
- **Material:** Steel
- **Surface:** Galvanised
- **Drive type:** Crosshead

Exact drilling diameter for each screw-mounting

- Minimum thread tolerance
- Always optimum mounting

Technical brochure : https://www.ferrometal.fi/fi/ferrometal/products/product_catalogue_and_brochures/brochures_catalogues.php

Art. No.	Type description	Min. material thickness for steel	Max. material thickness for steel	Min./max. material thickness for steel	Effective length	Internal drive	Product weight (per item)
021129 95	2,9X9,5	1.20 mm	1.90 mm	1.20-1.90 mm	4 mm	H1	0.520 g
021129 13	2,9X13	1.20 mm	1.90 mm	1.20-1.90 mm	6 mm	H1	0.650 g
021129 19	2,9X19	1.20 mm	1.90 mm	1.20-1.90 mm	12 mm	H1	0.850 g
021129 25	2,9X25	1.20 mm	1.90 mm	1.20-1.90 mm	18 mm	H1	1.100 g
021135 95	3,5X9,5	0.7 mm	2.25 mm	0.7-2.25 mm	4 mm	H2	0.790 g
021135 13	3,5X13	0.7 mm	2.25 mm	0.7-2.25 mm	6 mm	H2	1.100 g
021135 16	3,5X16	0.7 mm	2.25 mm	0.7-2.25 mm	11 mm	H2	1.100 g
021135 19	3,5X19	0.7 mm	2.25 mm	0.7-2.25 mm	12 mm	H2	1.250 g
021135 25	3,5X25	0.7 mm	2.25 mm	0.7-2.25 mm	18 mm	H2	1.500 g
021139 16	3,9X16	0.7 mm	2.40 mm	0.7-2.40 mm	9 mm	H2	1.460 g
021139 19	3,9X19	0.7 mm	2.40 mm	0.7-2.40 mm	10 mm	H2	1.500 g
021142 13	4,2X13	1.75 mm	3 mm	1.75-3 mm	7 mm	H2	1.370 g
021142 16	4,2X16	1.75 mm	3 mm	1.75-3 mm	10 mm	H2	1.570 g
021142 19	4,2X19	1.75 mm	3 mm	1.75-3 mm	13 mm	H2	1.810 g
021142 25	4,2X25	1.75 mm	3 mm	1.75-3 mm	19 mm	H2	2.200 g
021142 32	4,2X32	1.75 mm	3 mm	1.75-3 mm	26 mm	H2	2.800 g
021142 38	4,2X38	1.75 mm	3 mm	1.75-3 mm	32 mm	H2	2.750 g
021142 45	4,2X45	1.75 mm	3 mm	1.75-3 mm	39 mm	H2	3.950 g
021148 13	4,8X13	1.75 mm	4 mm	1.75-4 mm	3 mm	H2	2.220 g
021148 16	4,8X16	1.75 mm	4 mm	1.75-4 mm	6 mm	H2	2.250 g
021148 19	4,8X19	1.75 mm	4 mm	1.75-4 mm	9 mm	H2	2.550 g
021148 22	4,8X22	1.75 mm	4 mm	1.75-4 mm	12 mm	H2	3.100 g
021148 25	4,8X25	1.75 mm	4 mm	1.75-4 mm	15 mm	H2	3.150 g
021148 32	4,8X32	1.75 mm	4 mm	1.75-4 mm	22 mm	H2	3.750 g
021148 38	4,8X38	1.75 mm	4 mm	1.75-4 mm	28 mm	H2	4.300 g
021148 50	4,8X50	1.75 mm	4 mm	1.75-4 mm	40 mm	H2	5.400 g



PIASTA™

Self-drilling screw, hexagon head, includes seal PIASTA A2 + RUSPERT

DIN7504-K A2 + seal

Drilling, threading and screwing all in one step

- **Material :** Bimetal
- **DIN :** 7504

Stainless steel A2

- A2 (AISI 304) – screw head and screw shaft made of stainless steel
- Drill tip and first threads from hardened steel ensure good drilling capability
- Sealing washer : stainless steel A2 + EPDM rubber

Precise bore diameter in each screw connection

- Minimum thread tolerance
- Always optimum mounting

Technical brochure : https://www.ferrometal.fi/fi/ferrometal/products/product_catalogue_and_brochures/brochures_catalogues.php

Art. No.	Type description	Product weight (per item)	Min./max. material thickness	Width across flats	Outside diameter of the sealing washer
421448 25	4,8X25	5.320 g	1.75-4.4 mm	8 mm	14 mm
421448 32	4,8X32	6.300 g	1.75-4.4 mm	8 mm	14 mm
421448 38	4,8X38	5.380 g	1.75-4.4 mm	8 mm	14 mm
421455 25	5,5X25	5.940 g	1.75-5.25 mm	8 mm	16 mm
421455 38	5,5X38	7.550 g	1.75-5.25 mm	8 mm	16 mm
421455 50	5,5X50	9.050 g	1.75-5.25 mm	8 mm	16 mm
421455 60	5,5X60	10.100 g	1.75-5.25 mm	8 mm	16 mm
421455 80	5,5X80	12.500 g	1.75-5.25 mm	8 mm	16 mm
421463 25	6,3X25	6.860 g	2-6 mm	10 mm	16 mm
421463 38	6,3X38	10.400 g	2-6 mm	10 mm	16 mm
421463 60	6,3X60	14.450 g	2-6 mm	10 mm	16 mm



PIASTA™

Self-drilling screw, hexagon head, includes seal PIASTA A2 + RUSPERT, long drill tip

DIN7504-K A2 + seal, long drill tip

Drilling, threading and screwing all in one step

Stainless steel A2

- A2 (AISI 304) – screw head and screw shaft made of stainless steel
- Drill tip and first threads from hardened steel ensure good drilling capability
- Sealing washer : stainless steel A2 + EPDM rubber

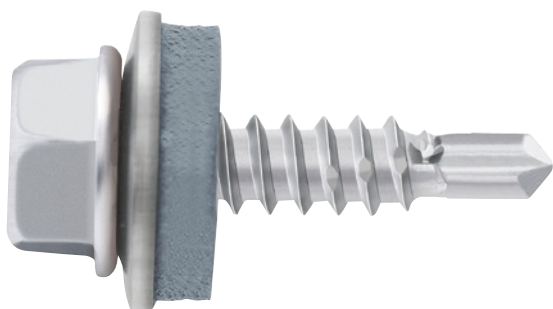
Long drill tip : drilling depth min. 3mm - max. 12mm

Exact drilling diameter for each screw-mounting

- Minimum thread tolerance
- Always optimum mounting

- **Type description :** 5/5,5X40
- **Material :** Bimetal
- **Product weight (per item):** 8.000 g
- **Min./max. material thickness :** 3-12 mm
- **Width across flats :** 8 mm
- **Outside diameter of the sealing washer :** 16 mm

Art. No.	
421455 40	



PIAS™

Self-drilling screw, hexagon head, includes seal PIAS AISI 410 + RUSPERT

DIN 7504-K + seal

Drill, tap and screw – all in one go

Less time and effort

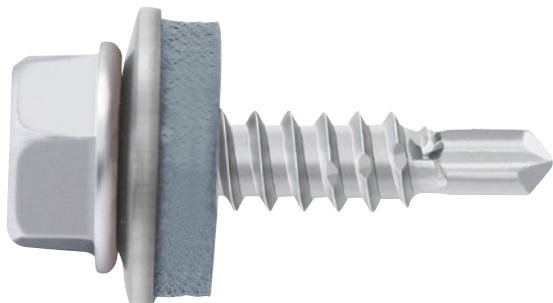
Exact hole diameter for each screw

- Minimum thread tolerance
- Optimal mounting, every time

- **Material :** Stainless steel AISI 410

Art. No.	Type description	Product weight (per item)	Min./max. material thickness	Width across flats	Outside diameter of the sealing washer
821448 16	4,8X16	3.410 g	1.75-4.4 mm	8 mm	14 mm
821448 19	4,8X19	3.620 g	1.75-4.4 mm	8 mm	14 mm
821448 25	4,8X25	4.260 g	1.75-4.4 mm	8 mm	14 mm
821463 19	6,3X19	5.800 g	2-6 mm	10 mm	16 mm
821463 25	6,3X25	6.860 g	2-6 mm	10 mm	16 mm

Art. No.	Type description	Product weight (per item)	Min./max. material thickness	Width across flats	Outside diameter of the sealing washer
821463 32	6,3X32	7.920 g	2-6 mm	10 mm	16 mm
821463 38	6,3X38	8.820 g	2-6 mm	10 mm	16 mm
821463 50	6,3X50	10.730 g	2-6 mm	10 mm	16 mm



Self-drilling screw, hexagon head, includes seal PIAS carbon steel + RUSPERT

DIN7504-K RUSPERT + seal

Drilling, threading and screwing all in one step

Less time and effort

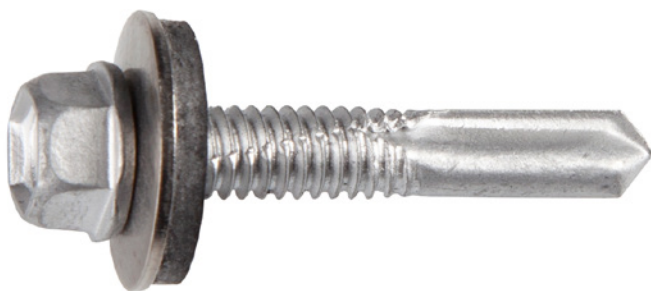
• **Material:** Steel

• **DIN:** 7504

Exact drilling diameter for each screw-mounting

- Minimum thread tolerance
- Always optimum mounting

Art. No.	Type description	Product weight (per item)	Min./max. material thickness	Width across flats	Outside diameter of the sealing washer
621474825	4,8X25	4.340 g	1.75-4.4 mm	8 mm	14 mm
621475525	5,5X25	5.940 g	1.75-5.25 mm	8 mm	16 mm
621476325	6,3X25	8.610 g	2-6 mm	10 mm	16 mm



Self-drilling screw, hexagon head, includes seal PIAS carbon steel + RUSPERT, long drill tip

DIN7504-K RUSPERT + seal, long drill tip

Drilling, threading and screwing all in one step

Long drill tip : drilling depth min. 3mm - max. 12mm

Exact drilling diameter for each screw-mounting

- **Type description :** 5,5X32/5
- **Material :** Steel
- **DIN :** 7504
- **Product weight (per item):** 6.860 g
- **Min./max. material thickness :** 3-12 mm
- **Width across flats :** 8 mm
- **Outside diameter of the sealing washer :** 16 mm

Art. No.	
621495533	



Self-drilling screw, hexagon head, includes seal PIAS zinc-electroplated

DIN7504-K ZN + seal

Drilling, threading and screwing all in one step

With sealing washer, washer material : aluminium + EPMD rubber

Exact drilling diameter for each screw-mounting

- **Material :** Steel
- **DIN :** 7504

- Minimum thread tolerance
- Always optimum mounting

Technical brochure : https://www.ferrometal.fi/fi/ferrometal/products/product_catalogue_and_brochures/brochures_catalogues.php

Art. No.	Type description	Product weight (per item)	Min./max. material thickness	Width across flats	Outside diameter of the sealing washer
321448 19	4,8X19	3.620 g	1.75-4.4 mm	8 mm	14 mm
321448 25	4,8X25	4.260 g	1.75-4.4 mm	8 mm	14 mm
321448 32	4,8X32	7.000 g	1.75-4.4 mm	8 mm	14 mm
321448 38	4,8X38	5.380 g	1.75-4.4 mm	8 mm	14 mm
321448 50	4,8X50	6.200 g	1.75-4.4 mm	8 mm	14 mm
321455 19	5,5X19	5.580 g	1.75-5.25 mm	8 mm	16 mm
321455 25	5,5X25	5.940 g	1.75-5.25 mm	8 mm	16 mm

Art. No.	Type description	Product weight (per item)	Min./max. material thickness	Width across flats	Outside diameter of the sealing washer
321455 32	5,5X32	6.740 g	1.75-5.25 mm	8 mm	16 mm
321455 38	5,5X38	6.150 g	1.75-5.25 mm	8 mm	16 mm
321463 25	6,3X25	6.860 g	2-6 mm	10 mm	16 mm
321463 32	6,3X32	7.920 g	2-6 mm	10 mm	16 mm
321463 50	6,3X50	10.860 g	2-6 mm	10 mm	16 mm



Self-drilling screw, hexagon head, includes seal PIAS zinc-electroplated, long drill tip

DIN7504-K ZN + seal, long drill tip

Drilling, threading and screwing all in one step

Long drill tip : drilling depth min. 3mm - max. 12mm

With sealing washer, washer material : aluminium + EPMD rubber

- **Material :** Steel
- **DIN :** 7504
- **Min./max. material thickness :** 3-12 mm
- **Width across flats :** 8 mm
- **Outside diameter of the sealing washer :** 16 mm

Exact drilling diameter for each screw-mounting

- Minimum thread tolerance
- Always optimum mounting

Art. No.	Type description	Product weight (per item)
321455 33	5/5,5X32	6.920 g
321455 77	5/5,5X76	13.000 g



Drilling screw, hexagon head, long drill tip

DIN7504-K, zinc-coated steel, blue passivated (A3K)

Drilling, threading and screwing all in one step

Long drill tip : drilling depth min 3mm - max 12mm

- **Material :** Steel
- **DIN :** 7504

Art. No.	Type description	Product weight (per item)
921415532	5,5X32	5.330 g
921415538	5,5X38	6.000 g
921415550	5,5X50	8.000 g



PIASTA™

Drilling screw, hexagon head PIASTA

DIN 7504-K, stainless A2 + RUSPERT coating

Drilling, threading and screwing all in one step

- **Material:** Bimetal
- **DIN:** 7504

Stainless steel A2

- A2 (AISI 304) – screw head and screw shaft made of stainless steel
- Drill tip and first threads from hardened steel ensure good drilling capability

Precise bore diameter in each screw connection

- Minimum thread tolerance
- Always optimum mounting

Technical brochure : https://www.ferrometal.fi/fi/ferrometal/products/product_catalogue_and_brochures/brochures_catalogues.php

Art. No.	Type description	Product weight (per item)	Min./max. material thickness for steel	Width across flats	Flange diameter
721448 16	4,8X16	3.150 g	1.75-4.4 mm	8 mm	9.75 mm
721448 19	4,8X19	3.600 g	1.75-4.4 mm	8 mm	9.75 mm
721448 25	4,8X25	4.150 g	1.75-4.4 mm	8 mm	9.75 mm
721448 32	4,8X32	4.600 g	1.75-4.4 mm	8 mm	9.75 mm
721448 38	4,8X38	5.290 g	1.75-4.4 mm	8 mm	9.75 mm
721455 25	5,5X25	4.350 g	1.75-5.25 mm	8 mm	10.1 mm
721455 38	5,5X38	6.000 g	1.75-5.25 mm	8 mm	10.1 mm
721455 50	5,5X50	7.500 g	1.75-5.25 mm	8 mm	10.1 mm
721455 60	5,5X60	9.000 g	1.75-5.25 mm	8 mm	10.1 mm
721463 25	6,3X25	7.150 g	2.0-6.0 mm	10 mm	12.19 mm
721463 32	6,3X32	6.440 g	2.0-6.0 mm	10 mm	12.19 mm
721463 38	6,3X38	7.340 g	2.0-6.0 mm	10 mm	12.19 mm
721463 50	6,3X50	11.500 g	2.0-6.0 mm	10 mm	12.19 mm
721463 60	6,3X60	1.000 g	2.0-6.0 mm	10 mm	12.19 mm


PIASTA™

Drilling screw, hexagon head, long drill tip PIASTA

DIN 7504-K, stainless A2 + RUSPERT coating

Drilling, threading and screwing all in one step

Long drill tip : drilling depth min 3mm – max 12mm

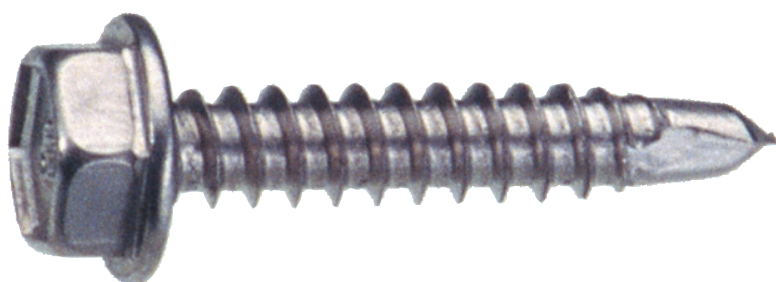
Stainless steel A2

- A2 (AISI 304) – screw head and screw shaft made of stainless steel
- Drill tip and first threads from hardened steel ensure good drilling capability

Technical brochure : https://www.ferrometal.fi/fi/ferrometal/products/product_catalogue_and_brochures/brochures_catalogues.php

- **Type description :** 5/5,5X40
- **Material :** Bimetal
- **DIN :** 7504
- **Product weight (per item):** 6.500 g
- **Min./max. material thickness for steel :** 3.0-12.0 mm
- **Width across flats :** 8 mm
- **Flange diameter :** 10.5 mm

Art. No.	
721455 40	


PIAS™

Drilling screw, hexagon head PIAS

DIN 7504-K, stainless AISI410 + RUSPERT coating

Drilling, threading and screwing all in one step

Stainless steel AISI410

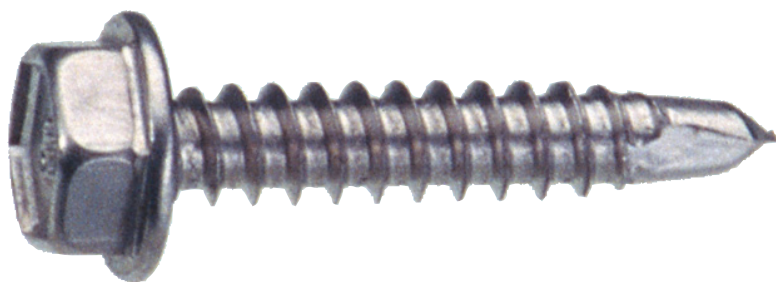
- AISI 410 – stainless steel, which can be hardened, magnetic

Precise bore diameter in each screw connection

- Minimum thread tolerance
- Always optimum mounting

- **Material :** Stainless steel AISI 410
- **DIN :** 7504

Art. No.	Type description	Product weight (per item)	Min./max. material thickness for steel	Width across flats	Flange diameter
021414219	4,2X19	2.140 g	0.7-3.0 mm	7 mm	8.18 mm
021414816	4,8X16	2.720 g	1.75-4.4 mm	8 mm	9.75 mm
021414819	4,8X19	2.970 g	1.75-4.4 mm	8 mm	9.75 mm
021414825	4,8X25	3.510 g	1.75-4.4 mm	8 mm	9.75 mm
021416319	6,3X19	4.170 g	2.0-6.0 mm	10 mm	13 mm
021416325	6,3X25	6.900 g	2.0-6.0 mm	10 mm	13 mm
021416338	6,3X38	9.200 g	2.0-6.0 mm	10 mm	13 mm
021416350	6,3X50	11.000 g	2.0-6.0 mm	10 mm	13 mm



Drilling screw, hexagon head PIAS

DIN 7504-K, carbon steel + RUSPERT coating

Drilling, threading and screwing all in one step

Less time and effort

- **Material :** Steel
- **DIN :** 7504

Exact drilling diameter for each screw-mounting

- Minimum thread tolerance
- Always optimum mounting

Technical brochure : https://www.ferrometal.fi/fi/ferrometal/products/product_catalogue_and_brochures/brochures_catalogues.php

Art. No.	Type description	Product weight (per item)	Min./max. material thickness for steel	Width across flats	Flange diameter
621442 25	4,2X25	2.310 g	0.7-3.0 mm	7 mm	8.18 mm
621448 16	4,8X16	2.770 g	1.75-4.4 mm	8 mm	9.75 mm
621448 19	4,8X19	3.030 g	1.75-4.4 mm	8 mm	9.75 mm
621448 25	4,8X25	3.570 g	1.75-4.4 mm	8 mm	9.75 mm
621448 32	4,8X32	4.200 g	1.75-4.4 mm	8 mm	9.75 mm
621448 38	4,8X38	4.330 g	1.75-4.4 mm	8 mm	9.75 mm
621448 50	4,8X50	5.800 g	1.75-4.4 mm	8 mm	9.75 mm
621448 65	4,8X65	6.780 g	1.75-4.4 mm	8 mm	9.75 mm
621455 19	5,5X19	3.600 g	1.75-5.25 mm	8 mm	10.1 mm
621455 25	5,5X25	4.350 g	1.75-5.25 mm	8 mm	10.1 mm
621455 32	5,5X32	5.160 g	1.75-5.25 mm	8 mm	10.1 mm
621463 19	6,3X19	6.360 g	2.0-6.0 mm	10 mm	12.19 mm
621463 25	6,3X25	7.000 g	2.0-6.0 mm	10 mm	12.19 mm
621463 38	6,3X38	9.370 g	2.0-6.0 mm	10 mm	12.19 mm



Drilling screw, hexagon head, long drill tip PIAS

DIN 7504-K, carbon steel + RUSPERT coating

Drilling, threading and screwing all in one step

Long drill tip : drilling depth min. 3mm - max. 12mm

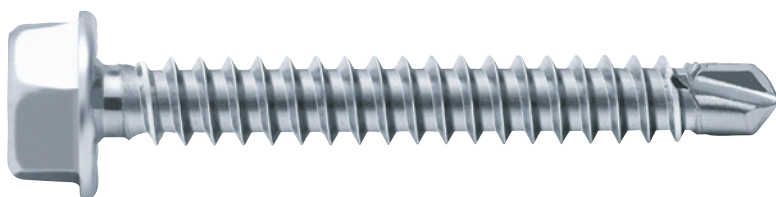
Exact drilling diameter for each screw-mounting

- Minimum thread tolerance
- Always optimum mounting

Technical brochure : https://www.ferrometal.fi/fi/ferrometal/products/product_catalogue_and_brochures/brochures_catalogues.php

- **Type description :** 5/5,5X32
- **Material :** Steel
- **Product weight (per item):** 5.330 g
- **Min./max. material thickness for steel :** 3.0-12.0 mm
- **Width across flats :** 8 mm
- **Flange diameter :** 10.1 mm

Art. No.	
621495532	



Drilling screw, hexagon head PIAS

DIN7504-K, zinc-coated steel, blue passivated (A3K)

Drilling, threading and screwing all in one step

Less time and effort

- **Material :** Steel
- **DIN :** 7504

Exact drilling diameter for each screw-mounting

- Minimum thread tolerance
- Always optimum mounting

Technical brochure : https://www.ferrometal.fi/fi/ferrometal/products/product_catalogue_and_brochures/brochures_catalogues.php

Art. No.	Type description	Product weight (per item)	Min./max. material thickness for steel	Width across flats	Flange diameter
021435 95	3,5X9,5	1.010 g	0.7-2.25 mm	7 mm	7.67 mm
021435 13	3,5X13	1.150 g	0.7-2.25 mm	7 mm	7.67 mm
021435 16	3,5X16	1.360 g	0.7-2.25 mm	7 mm	7.67 mm
021435 19	3,5X19	1.420 g	0.7-2.25 mm	7 mm	7.67 mm
021435 25	3,5X25	1.720 g	0.7-2.25 mm	7 mm	7.67 mm
021442 13	4,2X13	1.500 g	0.7-3.0 mm	7 mm	8.18 mm
021442 16	4,2X16	2.160 g	0.7-3.0 mm	7 mm	8.18 mm
021442 19	4,2X19	2.050 g	0.7-3.0 mm	7 mm	8.18 mm
021442 25	4,2X25	2.700 g	0.7-3.0 mm	7 mm	8.18 mm
021442 32	4,2X32	2.850 g	0.7-3.0 mm	7 mm	8.18 mm

Drilling screw, hexagon head PIAS

Art. No.	Type description	Product weight (per item)	Min./max. material thickness for steel	Width across flats	Flange diameter
021448 13	4,8X13	2.850 g	1.75-4.4 mm	8 mm	9.75 mm
021448 16	4,8X16	2.700 g	1.75-4.4 mm	8 mm	9.75 mm
021448 19	4,8X19	3.030 g	1.75-4.4 mm	8 mm	9.75 mm
021448 22	4,8X22	3.400 g	1.75-4.4 mm	8 mm	9.75 mm
021448 25	4,8X25	3.570 g	1.75-4.4 mm	8 mm	9.75 mm
021448 32	4,8X32	4.200 g	1.75-4.4 mm	8 mm	9.75 mm
021448 38	4,8X38	4.330 g	1.75-4.4 mm	8 mm	9.75 mm
021448 50	4,8X50	5.800 g	1.75-4.4 mm	8 mm	9.75 mm
021448 65	4,8X65	6.780 g	1.75-4.4 mm	8 mm	9.75 mm
021455 19	5,5X19	3.600 g	1.75-5.25 mm	8 mm	10.1 mm
021455 25	5,5X25	4.350 g	1.75-5.25 mm	8 mm	10.1 mm
021455 32	5,5X32	5.160 g	1.75-5.25 mm	8 mm	10.1 mm
021455 38	5,5X38	6.050 g	1.75-5.25 mm	8 mm	10.1 mm
021455 50	5,5X50	9.500 g	1.75-5.25 mm	8 mm	10.1 mm
021463 16	6,3X16	5.600 g	2.0-6.0 mm	10 mm	12.19 mm
021463 19	6,3X19	6.360 g	2.0-6.0 mm	10 mm	12.19 mm
021463 25	6,3X25	7.150 g	2.0-6.0 mm	10 mm	12.19 mm
021463 32	6,3X32	8.400 g	2.0-6.0 mm	10 mm	12.19 mm
021463 38	6,3X38	9.370 g	2.0-6.0 mm	10 mm	12.19 mm
021463 50	6,3X50	9.340 g	2.0-6.0 mm	10 mm	12.19 mm



Drilling screw, hexagon head, long drill tip PIAS

DIN7504-K, zinc-coated steel, blue passivated (A3K)

Drilling, threading and screwing all in one step

Long drill tip : drilling depth min. 3mm - max. 12mm

Exact drilling diameter for each screw-mounting

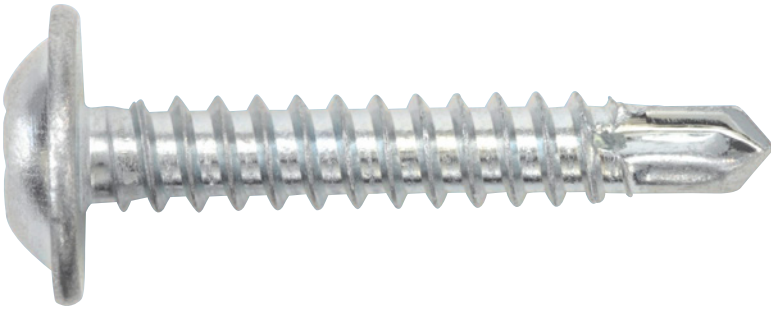
- Minimum thread tolerance
- Always optimum mounting

Technical brochure : https://www.ferrometal.fi/fi/ferrometal/products/product_catalogue_and_brochures/brochures_catalogues.php

- **Material :** Steel
- **Min./max. material thickness for steel :** 3.0-12.0 mm
- **Width across flats :** 8 mm
- **Flange diameter :** 10.1 mm

Art. No.	Type description	Product weight (per item)
121455 32	5,5X32/5	5.330 g
121455 75	5,5X75/5	11.640 g

Art. No.



Pan head drilling screw (KFR), PH head with Phillips groove

Zinc-coated steel, blue passivated (A2K)

Drilling, threading and screwing all in one step

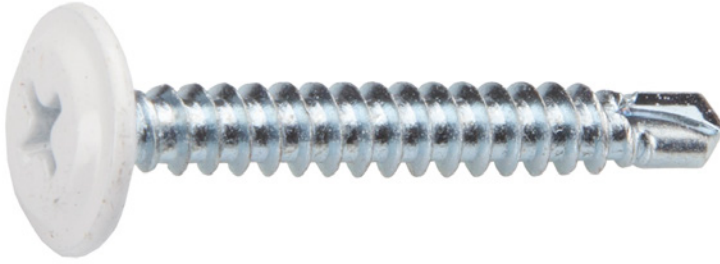
Requires clearly less time and effort

Exact drilling diameter for each screw-mounting

- Minimum thread tolerance
- Always optimum mounting

- **Material :** Steel
- **Surface :** Galvanised
- **Min. material thickness for steel :**
1.75 mm
- **Max. material thickness for steel :**
3.0 mm
- **Min./max. material thickness for steel :**
1.75-3.0 mm
- **Head diameter :** 10 mm
- **Internal drive :** H2
- **Drive type :** Crosshead

Art. No.	Type description	Product weight (per item)
913142 13	4,2X13	1.690 g
913142 16	4,2X16	1.880 g
913142 19	4,2X19	2.140 g
913142 25	4,2X25	2.560 g
913142 32	4,2X32	2.780 g
913142 38	4,2X38	3.350 g
913142 50	4,2X50	3.950 g



Pan head drilling screw (KFR), painted, PH head with Phillips groove

Steel, painted white

Drilling, threading and screwing all in one step

Requires clearly less time and effort

Exact drilling diameter for each screw-mounting

- Minimum thread tolerance
- Always optimum mounting

- **Material :** Steel
- **Surface :** Powder-coated
- **Min. material thickness for steel :** 1.75 mm
- **Max. material thickness for steel :** 3.0 mm
- **Min./max. material thickness for steel :** 1.75-3.0 mm
- **Head diameter :** 10 mm
- **Internal drive :** H2
- **Drive type :** Crosshead

Art. No.	Type description	Product weight (per item)
9131421320	4,2X13	1.800 g
9131421620	4,2X16	2.100 g
9131421920	4,2X19	2.200 g
9131422520	4,2X25	2.600 g
9131423220	4,2X32	2.600 g
9131423820	4,2X38	2.800 g



Pan head drilling screw (KFR), PH head with Phillips groove PIAS stainless AISI410

Stainless AISI410 + RUSPERT coating

The flat head is unobtrusive and wide enough to fasten and hold on to soft or thin materials.

The point drills into metal quickly and effectively without a pilot hole, saving time.

Material stainless steel AISI410

- **Material :** Stainless steel AISI 410
- **Surface :** Flake zinc
- **Min. material thickness for steel :** 1.0 mm
- **Max. material thickness for steel :** 2.5 mm
- **Min./max. material thickness for steel :** 1.0-2.5 mm
- **Head diameter :** 11 mm
- **Internal drive :** H2
- **Drive type :** Crosshead
- **Flange diameter :** 11 mm

Art. No.	Type description	Product weight (per item)
513104216	4,2X16	1.990 g
513104219	4,2X19	2.220 g
513104225	4,2X25	2.700 g



Pan head drilling screw (KFR), PH head with Phillips groove PIAS

Black passivated steel (A2S)

Drilling, threading and screwing all in one step

Less time and effort

Exact drilling diameter for each screw joint

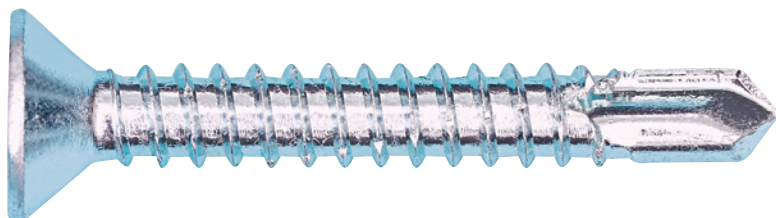
- Minimum thread tolerance
- Always optimum mounting

- **Material :** Steel
- **Surface :** Black, galvanised
- **Min. material thickness for steel :** 1.75 mm
- **Max. material thickness for steel :** 3 mm
- **Min./max. material thickness for steel :** 1.75-3 mm
- **Head diameter :** 11.0 mm
- **Internal drive :** H2
- **Drive type :** Crosshead

Art. No.	Type description	Product weight (per item)
213114213	4,2X13	1.740 g
213114216	4,2X16	1.990 g

Pan head drilling screw (KFR), PH head with Phillips groove PIAS

Art. No.	Type description	Product weight (per item)
213114219	4,2X19	2.180 g
213114225	4,2X25	2.500 g



Drilling screw, countersunk head, PH head with Phillips groove PIAS

DIN 7504-P, zinc-coated, blue passivated, A3K, Phillips head with groove, H

Drilling, threading and screwing all in one step

Exact drilling diameter for each screw-mounting

- Minimum thread tolerance
- Always optimum mounting

- **Material :** Steel
- **DIN :** 7504
- **Drive type :** Crosshead
- **Internal drive :** H2

Art. No.	Type description	Min./max. material thickness for steel	Product weight (per item)	Head diameter
021235 13	3,5X13	1.40-2.25 mm	0.600 g	6.8 mm
021235 16	3,5X16	1.40-2.25 mm	0.900 g	6.8 mm
021235 19	3,5X19	1.40-2.25 mm	1.060 g	6.8 mm
021235 25	3,5X25	1.40-2.25 mm	1.340 g	6.8 mm
021239 16	3,9X16	1.40-2.40 mm	1.080 g	7.5 mm
021239 25	3,9X25	1.40-2.40 mm	1.540 g	7.5 mm
021239 32	3,9X32	1.40-2.40 mm	1.980 g	7.5 mm
021242 13	4,2X13	1.40-3 mm	1.020 g	8.1 mm
021242 16	4,2X16	1.40-3 mm	1.340 g	8.1 mm
021242 19	4,2X19	1.40-3 mm	1.500 g	8.1 mm
021242 25	4,2X25	1.40-3 mm	1.860 g	8.1 mm
021242 32	4,2X32	1.40-3 mm	2.360 g	8.1 mm
021242 38	4,2X38	1.40-3 mm	2.750 g	8.1 mm
021248 16	4,8X16	1.75-4 mm	1.920 g	9.5 mm
021248 19	4,8X19	1.75-4 mm	2.190 g	9.5 mm
021248 25	4,8X25	1.75-4 mm	2.650 g	9.5 mm
021248 32	4,8X32	1.75-4 mm	3.290 g	9.5 mm
021248 38	4,8X38	1.75-4 mm	3.880 g	9.5 mm
021248 50	4,8X50	1.75-4 mm	4.880 g	9.5 mm



Drilling screw, countersunk head with wings, PH head with Phillips groove PIAS Flygel

DIN7504, zinc-electroplated

Fixing wood to steel frame in one step.

- The wings of the Flygel screw make a clearance hole into the wood and break off during drilling.

- **Material :** Steel
- **DIN :** 7504
- **Drive type :** Crosshead
- **Internal drive :** H2

Precise bore diameter in each screw connection

- Always an optimum fixing

Technical brochure : https://www.ferrometal.fi/fi/ferrometal/products/product_catalogue_and_brochures/brochures_catalogues.php

Art. No.	Type description	Min./max. material thickness for steel	Product weight (per item)	Head diameter
021542 25	4,2X25	1.75-3 mm	1.960 g	7.8 mm
021542 32	4,2X32	1.75-3 mm	2.420 g	7.8 mm
021542 38	4,2X38	1.75-3 mm	2.800 g	7.8 mm
021548 25	4,8X25	1.75-4.4 mm	2.700 g	9.3 mm
021548 32	4,8X32	1.75-4.4 mm	3.310 g	9.3 mm
021548 38	4,8X38	1.75-4.4 mm	3.840 g	9.3 mm
021548 50	4,8X50	1.75-4.4 mm	4.920 g	9.3 mm
021548 70	4,8X70	1.75-4.4 mm	6.670 g	9.3 mm



Drilling screw, countersunk head with wings, TX head with groove PIAS Flygel

DIN 7504, RUSPERT-coated

Fixing wood to steel frame in one step.

- The wings of the Flygel screw make a clearance hole into the wood and break off during drilling.

- **Material :** Steel
- **DIN :** 7504
- **Drive type :** Internal hexalobular
- **Internal drive :** TX30

Carbon steel with RUSPERT coating

Precise bore diameter in each screw connection

- Always an optimum fixing

Technical brochure : https://www.ferrometal.fi/fi/ferrometal/products/product_catalogue_and_brochures/brochures_catalogues.php

Art. No.	Type description	Min./max. material thickness for steel	Product weight (per item)	Head diameter
021915538	5,5X38	1.75-5.25 mm	5.560 g	13.8 mm
021915550	5,5X50	1.75-5.25 mm	7.300 g	13.8 mm

Drilling screw, countersunk head with wings, TX head with groove PIAS Flygel

Art. No.	Type description	Min./max. material thickness for steel	Product weight (per item)	Head diameter
0219155651	5,5X65	1.75-5.25 mm	8.630 g	13.8 mm
021916350	6,3X50	2-6 mm	8.900 g	14.9 mm
021916385	6,3X85	2-6 mm	15.810 g	14.9 mm
0219163110	6,3X110	2-6 mm	18.750 g	14.9 mm



Drilling screw, countersunk head with wings, PH head with groove PIASTA Flygel

DIN7504, stainless A2 + RUSPERT coating

Fixing wood to steel frame in one step.

- The wings of the Flygel screw make a clearance hole into the wood and break off during drilling.

- **Material :** Bimetal
- **DIN :** 7504
- **Drive type :** Crosshead

Stainless steel A2

- A2 (AISI 304) – screw head and screw shaft made of stainless steel
- Drill tip and first threads from hardened steel ensure good drilling capability

Precise bore diameter in each screw connection

- Always an optimum fixing

Technical brochure : https://www.ferrometal.fi/fi/ferrometal/products/product_catalogue_and_brochures/brochures_catalogues.php

Art. No.	Type description	Min./max. material thickness for steel	Product weight (per item)	Internal drive	Head diameter
721548 44	4,8X44	1.75-4.4 mm	4.500 g	H2	9.5 mm
721555 55	5,5X55	1.75-5.25 mm	7.000 g	H3	10.6 mm
721555 65	5,5X65	1.75-5.25 mm	8.300 g	H3	10.6 mm
721555 90	5,5X90	1.75-5.25 mm	11.800 g	H3	10.6 mm



Plumber's sealing screw, sharp tip

Stainless AISI410

Painted 8 mm hexagon head

Aluminium washer 14 mm, non-corrosive

Durable EPDM seal

- **Surface :** Bare

- Watertight
- Corrosion resistant
- Secure fastening

Art. No.	Type description	Material
520048 25	4,8X25	Stainless steel AISI 410
520048 32	4,8X32	Stainless steel AISI 410
520048 38	4,8X38	Stainless steel AISI 410
520048 45	4,8X45	Stainless steel AISI 410
520048 50	4,8X50	Stainless steel AISI 410
520048 60	4,8X60	Stainless steel AISI 410
520048 70	4,8X70	Stainless steel A2



Plumber's sealing screw, sharp tip

Painted, zinc-electroplated

Painted 8 mm hexagon head

Aluminium washer 14 mm

EPDM seal

- **Material :** Steel
- **Surface :** Galvanised

- Watertight
- Corrosion resistant
- Secure fastening

Durable powder coating up to the screw threads.

Aluminium washer ; non-corrosive

Durable EPDM seal

Art. No.	Type description	Colour
120033 25	4,8X25	Black
120035 25	4,8X25	Blue RR 35
120031 25	4,8X25	Brown RR 31
120032 25	4,8X25	Dark brown

Plumber's sealing screw, sharp tip

Art. No.	Type description	Colour
120023 25	4,8X25	Dark grey RR 23
120028 25	4,8X25	Dark red RR 28
120037 25	4,8X25	Green RR 37
120022 25	4,8X25	Grey RR 22
120030 25	4,8X25	Light brown RR 30
120036 25	4,8X25	Light green
120034 25	4,8X25	Ligth blue RR 34
120021 25	4,8X25	Ligth grey RR 21
120024 25	4,8X25	Ligth yellow RR 24
120041 25	4,8X25	Metallic dark silver RR 41
120040 25	4,8X25	Metallic silver RR 40
120027 25	4,8X25	Red RR 27
120029 25	4,8X25	Red RR 29
120011 25	4,8X25	Spruce green RR 11
120075025	4,8X25	Tile red RR 750
120020 25	4,8X25	White
120025 25	4,8X25	Yellow RR 25
120032 32	4,8X32	Dark brown
120028 32	4,8X32	Dark red RR 28
120029 32	4,8X32	Red RR 29
120033 38	4,8X38	Black
120035 38	4,8X38	Blue RR 35
120031 38	4,8X38	Brown RR 31
120032 38	4,8X38	Dark brown
120023 38	4,8X38	Dark grey RR 23
120028 38	4,8X38	Dark red RR 28
120037 38	4,8X38	Green RR 37
120022 38	4,8X38	Grey RR 22
120030 38	4,8X38	Light brown RR 30
120036 38	4,8X38	Light green
120034 38	4,8X38	Ligth blue RR 34
120021 38	4,8X38	Ligth grey RR 21
120041 38	4,8X38	Metallic dark silver RR 41
120040 38	4,8X38	Metallic silver RR 40
120027 38	4,8X38	Red RR 27
120029 38	4,8X38	Red RR 29
120011 38	4,8X38	Spruce green RR 11
120075038	4,8X38	Tile red RR 750
120020 38	4,8X38	White
120033 50	4,8X50	Black
120035 50	4,8X50	Blue RR 35
120031 50	4,8X50	Brown RR 31
120032 50	4,8X50	Dark brown
120023 50	4,8X50	Dark grey RR 23
120028 50	4,8X50	Dark red RR 28
120037 50	4,8X50	Green RR 37
120022 50	4,8X50	Grey RR 22
120030 50	4,8X50	Light brown RR 30
120021 50	4,8X50	Ligth grey RR 21
120075050	4,8X50	Metallic dark silver RR 41
120027 50	4,8X50	Red RR 27
120029 50	4,8X50	Red RR 29
120011 50	4,8X50	Spruce green RR 11

Art. No.	Type description	Colour
120020 50	4,8X50	White
120033 65	4,8X65	Black
120035 65	4,8X65	Blue RR 35
120031 65	4,8X65	Brown RR 31
120032 65	4,8X65	Dark brown
120023 65	4,8X65	Dark grey RR 23
120028 65	4,8X65	Dark red RR 28
120037 65	4,8X65	Green RR 37
120022 65	4,8X65	Grey RR 22
120030 65	4,8X65	Light brown RR 30
120021 65	4,8X65	Ligth grey RR 21
120075065	4,8X65	Metallic dark silver RR 41
120027 65	4,8X65	Red RR 27
120029 65	4,8X65	Red RR 29
120011 65	4,8X65	Spruce green RR 11
120020 65	4,8X65	White
120033 80	4,8X80	Black
120035 80	4,8X80	Blue RR 35
120031 80	4,8X80	Brown RR 31
120032 80	4,8X80	Dark brown
120023 80	4,8X80	Dark grey RR 23
120028 80	4,8X80	Dark red RR 28
120037 80	4,8X80	Green RR 37
120022 80	4,8X80	Grey RR 22
120030 80	4,8X80	Light brown RR 30
120021 80	4,8X80	Ligth grey RR 21
120075080	4,8X80	Metallic dark silver RR 41
120027 80	4,8X80	Red RR 27
120029 80	4,8X80	Red RR 29
120011 80	4,8X80	Spruce green RR 11
120020 80	4,8X80	White
120033 105	4,8X105	Graphite black RAL 9011



Plumber's sealing screw, drill tip

Painted, zinc-electroplated

Painted 8 mm hexagon head

Aluminium washer 14 mm

EPDM seal

- Watertight
- Corrosion resistant
- Secure fastening

Durable powder coating up to the screw threads.

Aluminium washer ; non-corrosive

Durable EPDM seal

- **Type description :** 4,8X28
- **Material :** Steel
- **Surface :** Lacquered

Art. No.	Colour
220033 28	Black
220035 28	Blue RR 35
220031 28	Brown
220032 28	Dark brown
220023 28	Dark grey RR 23
220028 28	Dark red RR 28
220037 28	Green
220022 28	Grey RR 22
220030 28	Light brown RR 30
220036 28	Light green
220034 28	Ligth blue RR 34
220021 28	Ligth grey RR 21
220024 28	Ligth yellow RR 24
220041 28	Metallic dark silver RR 41
220040 28	Metallic silver RR 40
220027 28	Red RR 27
220029 28	Red RR 29
220011 28	Spruce green RR 11
220075028	Tile red RR 750
220020 28	White
220025 28	Yellow RR 25



Plumber's sealing screw, drill tip

Zinc-electroplated

Painted 8 mm hexagon head

Aluminium washer 14 mm

EPDM seal

- Watertight
- Secure fastening

Aluminium washer ; non-corrosive

Durable EPDM seal

- **Material :** Steel
- **Surface :** Galvanised

Art. No.	Type description
220048 20	4,8X20
220048125	4,8X28
220048 27	4,8X28
220048 35	4,8 X 35



Plumber's sealing screw, sharp tip

Zinc-electroplated

Painted 8 mm hexagon head

Aluminium washer 14 mm

EPDM seal

- Watertight
- Secure fastening

Aluminium washer ; non-corrosive

Durable EPDM seal

- **Material :** Steel
- **Surface :** Galvanised

Art. No.	Type description
120048 19	4,8X19
120048 25	4,8X25
120048 32	4,8X32
120048 105	4,8X105
120048 38	4,8 X 38
120048 50	4,8 X 50
120048 65	4,8 X 65

Plumber's sealing screw, sharp tip

Art. No.	Type description
120048 80	4,8 X 80
120055 25	5,5X25
120055 32	5,5X32
120055 50	5,5X50
120063 50	6,3X50



fix master

Rooflight screw, sharp tip

Stainless AISI410

- **Material :** Stainless steel AISI 410
- **Surface :** Flake zinc

Art. No.	Type description
520048 33	4,8X32
520048 51	4,8X50



fix master

Rooflight screw, drill tip

Zinc-nickel-plated

- **Material :** Steel
- **Surface :** Zinc nickel

Art. No.	Type description
220048 37	4,8X35
220048 51	4,8X50



Fix master

Luja screw

Steel, yellow passivated

- **Material :** Steel
- **Surface :** Yellow galvanised

Art. No.	Type description	Product weight (per item)
951842 35	4,2X35	2.300 g
951842 46	4,2X45	2.280 g



Fix master

EPDM seal washer, aluminium

Art. No.	Type description	Product weight (per item)
020020 12	12/5,1	0.910 g
020030 14	14/5,2	0.770 g
020015 16	16/6,8	1.520 g



Fix master

EPDM seal washer, A2 stainless

- **Material :** Stainless steel A2

Art. No.	Type description	Product weight (per item)
0200115162	2X16X5	1.500 g
020011796	9,6/5,7/1,7	1.150 g
020012012	12/5,1/2,0	0.850 g
020011714	14/5,7	1.270 g
020011516	16X6,8X0,8	1.650 g
02001197	19/7,0	2.410 g
020012019	19/8,34/2,0	1.800 g

EPDM seal washer, A2 stainless

Art. No.	Type description	Product weight (per item)
02001298	29/8,5/3	7.000 g
020013817	38/7,0/1,7	9.980 g



Bracket, symmetric, reinforced

This bracket is perfect for high-quality timber load joints and timber and concrete load joints in timber construction. Suitable for normal joints, such as self-cutting timber joints.

- Hot dip galvanised sheet metal on both sides (DX51D + Z275 [approx. 20 µm]), in accordance with EN 10327 :2004 standard
- Use classes 1 and 2 according to EN 1995 :2013 standard

Art. No.	Type description
368535006	67/67/90
3685070005	70/70/55/1,5
3685080075	70/70/55/2,5
3685070010	90/90/1,5/65
3685080085	90/90/2,5/65
3685070015	105/105/1,5/90
3685080095	105/105/3/90
368535003	105/105/90



Bracket, symmetric

This bracket without the reinforcing rib is perfect for high-quality timber load joints and timber and concrete load joints in timber construction. Suitable for normal joints, such as self-cutting timber joints.

- Hot dip galvanised sheet metal on both sides (DX51D + Z275 [approx. 20 µm]), in accordance with EN 10327 :2004 standard
- Use classes 1 and 2 according to EN 1995 :2013 standard

Art. No.	Type description
368535015	65/65/55
3685080080	70/70/55/2,5
3685080090	90/90/2,5/65
3685080120	90/90/3/40
3685080100	105/105/3/90



Bracket, symmetric, stainless

This bracket is perfect for high-quality timber load joints and timber and concrete load joints in timber construction. Suitable for normal joints, such as self-cutting timber joints.

Art. No.	Type description
368538480	50/50/35
368538520	90/90/65
368538540	93/93/40
368538580	105/105/90



SAKU rebuilding bracket, reinforced

Larger holes enable fastening with fixing bolt anchor and screw anchor.

Art. No.	Type description
368535280	50/50/50
368535282	50/65/60
368535288	50/90/50
368535283	65/50/60



Art. No.	Type description
0681999200	40/100
0681999300	40/120
0681999301	40/160
0681999100	40/200
0681999302	50/200

Art. No.	Type description
368535084	60/140
0681999303	60/200
368535086	60/240
0681999304	80/200
368535087	80/200
0681999305	80/240
0681999306	80/300
368535097	80/300
368535089	100/140
0681999307	100/200
368535091	100/260
0681999308	100/300
368535098	100/300
0681999309	120/200
368535093	120/260
0681999310	120/300
368535094	120/300
368535095	160/400
368535096	200/300



Nail plate, stainless

Nail plates are versatile in joining many kinds of wooden structures, e.g. ceiling trusses.

The use of two nail plates for each joint is recommended, and the wooden parts of the joint must be of the same width.

Stainless nail plates are suited for use with pressure-treated wood.

Steel quality : Stainless steel/A2/AISI 304

Nail plates manufactured of stainless steel plate.

Nail plates can be used in climate stress category C3.

Suitable fittings :

Nail plate screws A2, anchor nails A2

CE marked according to EN 14545.

Art. No.	Type description
368538701	40/120
368538705	80X200X2



Beam shoe

With external wings

Art. No.	Type description
3685030005	40/95
368535101	40/100/70
3685030010	45/107
3685030015	45/137
3685030020	45/137
368535109	45/137/70
368535116	45/168/85
3685030021	45X197
3685030025	48/96
3685030030	48/96
368535103	48/96/70
3685030026	48/106
3685030031	48/116
368535110	48/136/70
368535117	48/166/85
3685030033	48/196
3685030035	50/93
3685030040	50/105
3685030045	50/135
3685030050	50/164
3685030055	50/195
3685050005	51/93/1,5
368535104	51/95/70
368535107	51/105/70
3685050010	51/135/1,5
368535111	51/135/70
368535124	51/195/85
368535132	51/225/85
368535125	60/190/85
368535114	76/122/70
368535126	76/182/85
368535121	80/150/85
3685050060	90/145
3685030065	100/100
3685030070	100/140
368535128	100/170/85
368535129	115/162/85
368535136	115X190X85X2/5
368535139	140X180X85X2/5



Beam shoe, stainless

With external wings

Art. No.	Type description
368538858	
368538859	
368538840	45/137/70
368538860	51/105/20



Pillar shoe, type U, hot dip galvanised

Art. No.	Type description
368535240	48/40/250/125
368535241	50/40/250/125
368535244	73/70/250/125
368535248	90/90/250/125
368535820	100/60/200/90
368535247	100/70/250/125
368535249	100/90/250/125
368535250	115/90/250/125
368535251	120/90/250/125
368535252	125/90/250/125
368535253	140/90/250/125



Pillar shoe, type I, hot dip galvanised

• **Type description :** I MODEL

Art. No.	
368531955	



Pillar shoe, adjustable, hot dip galvanised

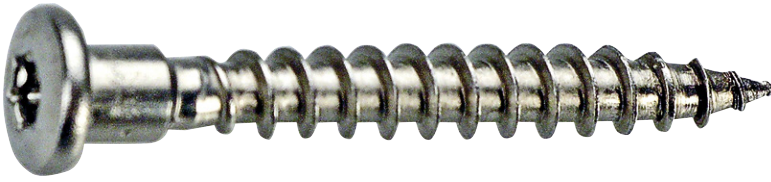
• **Type description :** 65/65/55

Art. No.	
368531950	



Anchor nail, zinc-electroplated

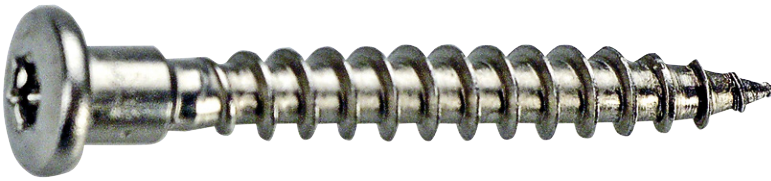
Art. No.	Type description
368535266	4X35
368535260	4X40
368535261	4X50
368535262	4X60
368535263	4X75



Nailing plate screw, stainless A2, round pan head

TX head with groove.

Art. No.	Type description
368574525	4,5X25
36857540	5,0X40



Nailing plate screw, Ruspert-coated, round pan head

TX head with groove

Art. No.	Type description
36855530	4,8X30
36855540	4,8X40
36855550	4,8X50
368565401	5X40



Raptor mounting screw, drill tip with male thread zinc-electroplated

Raptor ST drill tip screw with male thread. Extremely fast drilling in 2-6 mm steels.

Art. No.	Type description
750126 6	M6x6 SW10
750128 10	M8x10 SW13
750108 15	M8X15
750128 15	M8x15 SW13



Raptor mounting screw with female thread zinc-electroplated

Raptor WD screw with female thread for wood. Also suitable for concrete and block fixings with a plug.

Art. No.	Type description
750114535	4,5x35 (M6 SW10)
750115545	5,5x45 (M8 SW10)



Eye screw

zinc-electroplated

Art. No.	Type description
08621189	M8
0862111037	M10
77108	SIRU 8
771010	SIRU 10



Fix master

Blind rivet, round head

Aluminium rivet, steel shank

- **Surface of the sleeve :** Plain
- **Surface of the mandrel :** Galvanised
- **Material of the mandrel :** Steel

Art. No.	Type description	Product weight (per item)	Mandrel diameter	Max. grip range	Min. grip range	Min./max. grip range	Shear-fracture load	Material of the sleeve
830124 6	2,4X6	0.540 g	1.4 mm	4.0 mm	2.0 mm	2.0-4.0 mm	315 N	Aluminium, AlMg 3.5
830124 8	2,4X8	0.550 g	5.0 mm	6.0 mm	4.0 mm	4.0-6.0 mm	315 N	Aluminium, AlMg 3.5
830124 10	2,4X10	2.000 g	1.4 mm	8.0 mm	6.0 mm	6.0-8.0 mm	315 N	Aluminium, AlMg 3.5
830132 6	3,2X6	0.350 g	1.78 mm	3.5 mm	1.0 mm	1.0-3.5 mm	670 N	Aluminium, AlMg 3.5
830132 8	3,2X8	0.950 g	1.78 mm	5.5 mm	3.5 mm	3.5-5.5 mm	670 N	Aluminium, AlMg 3.5
830132 10	3,2X10	0.900 g	1.78 mm	7.0 mm	5.5 mm	5.5-7.0 mm	670 N	Steel
830132 12	3,2X12	1.000 g	1.78 mm	9.0 mm	7.0 mm	7.0-9.0 mm	670 N	Aluminium, AlMg 3.5
830132 14	3,2X14	1.200 g	1.78 mm	11 mm	9 mm	9-11 mm	670 N	Aluminium, AlMg 3.5
830132 18	3,2X18	1.200 g	1.78 mm	15.0 mm	13.0 mm	13.0-15.0 mm	670 N	Aluminium, AlMg 3.5
830132 20	3,2X20	1.500 g	1.78 mm	17.0 mm	15.0 mm	15.0-17.0 mm	670 N	Aluminium, AlMg 3.5
830132 25	3,2X25	2.000 g	1.78 mm	22.0 mm	17.0 mm	17.0-22.0 mm	670 N	Aluminium, AlMg 3.5
830148 8	4,8X8	2.400 g	2.7 mm	4.0 mm	2.5 mm	2.5-4.0 mm	1700 N	Aluminium, AlMg 3.5
830148 10	4,8X10	1.600 g	2.7 mm	6.0 mm	4.0 mm	4.0-6.0 mm	1700 N	Aluminium, AlMg 3.5
830148 12	4,8X12	2.400 g	2.7 mm	8 mm	6 mm	6-8 mm	1700 N	Aluminium, AlMg 3.5
830148 14	4,8X14	3.000 g	2.7 mm	10.0 mm	8.0 mm	8.0-10.0 mm	1700 N	Aluminium, AlMg 3.5
830148 16	4,8X16	3.000 g	2.7 mm	12.0 mm	10.0 mm	10.0-12.0 mm	1700 N	Aluminium, AlMg 3.5
830148 18	4,8X18	3.200 g	2.7 mm	14.0 mm	12.0 mm	12.0-14.0 mm	1700 N	Aluminium, AlMg 3.5
830148 20	4,8X20	3.500 g	2.7 mm	16.0 mm	14.0 mm	14.0-16.0 mm	1700 N	Aluminium, AlMg 3.5
830148 25	4,8X25	3.000 g	2.7 mm	21.0 mm	16.0 mm	16.0-21.0 mm	1700 N	Aluminium, AlMg 3.5
830148 30	4,8X30	4.310 g	2.7 mm	25.0 mm	21.0 mm	21.0-25.0 mm	1700 N	Aluminium, AlMg 3.5
830148 35	4,8X35	4.000 g	2.7 mm	30.0 mm	25.0 mm	25.0-30.0 mm	1700 N	Aluminium, AlMg 3.5
83014 6	4X6	1.400 g	2.18 mm	3.0 mm	1.0 mm	1.0-3.0 mm	1050 N	Aluminium, AlMg 3.5
83014 8	4X8	1.600 g	2.18 mm	5.0 mm	3.0 mm	3.0-5.0 mm	1050 N	Aluminium, AlMg 3.5
83014 10	4X10	1.650 g	2.18 mm	6.5 mm	5.0 mm	5.0-6.5 mm	1050 N	Aluminium, AlMg 3.5
83014 12	4X12	1.600 g	2.18 mm	8.5 mm	6.5 mm	6.5-8.5 mm	1050 N	Aluminium, AlMg 3.5
83014 14	4X14	1.800 g	2.18 mm	10.5 mm	8.5 mm	8.5-10.5 mm	1050 N	Aluminium, AlMg 3.5
83014 16	4X16	2.000 g	2.18 mm	12.5 mm	10.5 mm	10.5-12.5 mm	1050 N	Aluminium, AlMg 3.5
83014 18	4X18	2.170 g	2.18 mm	14.5 mm	12.5 mm	12.5-14.5 mm	1050 N	Aluminium, AlMg 3.5
83014 20	4X20	2.200 g	2.18 mm	16.5 mm	14.5 mm	14.5-16.5 mm	1050 N	Aluminium, AlMg 3.5

Blind rivet, round head

Art. No.	Type description	Product weight (per item)	Mandrel diameter	Max. grip range	Min. grip range	Min./max. grip range	Shear-fracture load	Material of the sleeve
830164 12	6,4X12	6.300 g	3.7 mm	6.0 mm	4.0 mm	4.0-6.0 mm	2800 N	Aluminium, AlMg 3.5
83016 10	6X10	4.000 g	3.7 mm	5.0 mm	3.0 mm	3.0-5.0 mm	2550 N	Aluminium, AlMg 3.5
83016 15	6X15	5.000 g	3.7 mm	10.0 mm	8.0 mm	8.0-10.0 mm	2550 N	Aluminium, AlMg 3.5
83016 18	6X18	5.200 g	3.7 mm	13.0 mm	11.0 mm	11.0-13.0 mm	2550 N	Aluminium, AlMg 3.5



Fix master

Blind rivet, round head, painted

Aluminium rivet, steel shank

- **Surface of the sleeve :** Lacquered
- **Mandrel diameter :** 1.78 mm
- **Surface of the mandrel :** Galvanised
- **Shear-fracture load :** 670 N
- **Material of the sleeve :** Aluminium, AlMg 3.5
- **Material of the mandrel :** Steel
- **Nominal diameter :** 3.2 mm
- **Max. drill hole diameter :** 3.3 mm
- **Head diameter :** 6.5 mm
- **Head height :** 0.8 mm
- **Head type :** Pan head
- **RoHS-compliant :** Yes
- **Tensile fracture load :** 900 N

Art. No.	Type description	Product weight (per item)	Max. grip range	Min. grip range	Min./max. grip range	Nominal diameter x length	Length	Colour
831532 620	3,2X6 RR20	0.800 g	3.5 mm	1.0 mm	1.0-3.5 mm	3.2 x 6.0 mm	6.0 mm	White, similar to RAL 9003
831532 811	3,2X8 RR11	1.100 g	5.5 mm	3.5 mm	3.5-5.5 mm	3.2 x 8.0 mm	8.0 mm	Green
831532 820	3,2X8 RR20	1.100 g	5.5 mm	3.5 mm	3.5-5.5 mm	3.2 x 8.0 mm	8.0 mm	White, similar to RAL 9003
831532 821	3,2X8 RR21	0.950 g	5.5 mm	3.5 mm	3.5-5.5 mm	3.2 x 8.0 mm	8.0 mm	Light grey
831532 822	3,2X8 RR22	1.150 g	5.5 mm	3.5 mm	3.5-5.5 mm	3.2 x 8.0 mm	8.0 mm	Grey
831532 823	3,2X8 RR23	2.000 g	5.5 mm	3.5 mm	3.5-5.5 mm	3.2 x 8.0 mm	8.0 mm	Dark grey RR 23
831532 828	3,2X8 RR28	1.150 g	5.5 mm	3.5 mm	3.5-5.5 mm	3.2 x 8.0 mm	8.0 mm	Dark red RR 28
831532 829	3,2X8 RR29	1.070 g	5.5 mm	3.5 mm	3.5-5.5 mm	3.2 x 8.0 mm	8.0 mm	Red RR 29
831532 830	3,2X8 RR30	1.120 g	5.5 mm	3.5 mm	3.5-5.5 mm	3.2 x 8.0 mm	8.0 mm	Light brown RR 30
831532 831	3,2X8 RR31	1.100 g	5.5 mm	3.5 mm	3.5-5.5 mm	3.2 x 8.0 mm	8.0 mm	Brown
831532 832	3,2X8 RR32	0.900 g	5.5 mm	3.5 mm	3.5-5.5 mm	3.2 x 8.0 mm	8.0 mm	Brown, similar to RAL 8019
831532 833	3,2X8 RR33	0.950 g	5.5 mm	3.5 mm	3.5-5.5 mm	3.2 x 8 mm	8 mm	Black, similar to RAL 9004
831532 837	3,2X8 RR37	1.100 g	5.5 mm	3.5 mm	3.5-5.5 mm	3.2 x 8.0 mm	8.0 mm	Green RR 37
831532 840	3,2X8 RR40	0.950 g	5.5 mm	3.5 mm	3.5-5.5 mm	3.2 x 8.0 mm	8.0 mm	White aluminium, similar to RAL 9006
831532 841	3,2X8 RR41	1.000 g	5.5 mm	3.5 mm	3.5-5.5 mm	3.2 x 8.0 mm	8.0 mm	Dark silver
8315328750	3,2X8 RR750	0.950 g	5.5 mm	3.5 mm	3.5-5.5 mm	3.2 x 8.0 mm	8.0 mm	Brick red

Art. No.	Type description	Product weight (per item)	Max. grip range	Min. grip range	Min./max. grip range	Nominal diameter x length	Length	Colour
8315321020	3,2X10 RR20	0.970 g	7.0 mm	5.5 mm	5.5-7.0 mm	3.2 x 10.0 mm	10.0 mm	White, similar to RAL 9003
8315321033	3,2X10 RR33	1.000 g	5.5 mm	3.5 mm	3.5-5.5 mm	3.2 x 10.0 mm	10.0 mm	Black, similar to RAL 9004



Fix master

Blind rivet, round head

Steel rivet, steel shank

- **Surface of the sleeve :** Galvanised
- **Surface of the mandrel :** Galvanised
- **Material of the sleeve :** Steel
- **Material of the mandrel :** Steel
- **Head type :** Pan head

Art. No.	Type description	Product weight (per item)	Mandrel diameter	Max. grip range	Min. grip range	Min./max. grip range	Shear-fracture load	Nominal diameter
832132 6	3,2X6	1.200 g	1.92 mm	3.0 mm	1.0 mm	1.0-3.0 mm	1160 N	3.2 mm
832132 8	3,2X8	1.350 g	1.92 mm	5.0 mm	3.0 mm	3.0-5.0 mm	1160 N	3.2 mm
832132 10	3,2X10	1.400 g	1.92 mm	7 mm	5 mm	5-7 mm	1160 N	3.2 mm
832132 12	3,2X12	1.700 g	1.92 mm	9 mm	7 mm	7-9 mm	1160 N	3.2 mm
832132 16	3,2X16	1.860 g	1.92 mm	13.0 mm	11.0 mm	11.0-13.0 mm	1160 N	3.2 mm
83214 6	4,0X6,0	2.300 g	2.42 mm	3.0 mm	1.0 mm	1.0-3.0 mm	1700 N	4 mm
832148 6	4,8X6,0	3.300 g	2.92 mm	2.5 mm	1.5 mm	1.5-2.5 mm	2400 N	4.8 mm
832148 8	4,8X8,0	3.500 g	2.92 mm	4.0 mm	2.5 mm	2.5-4.0 mm	2400 N	4.8 mm
832148 10	4,8X10	3.800 g	2.92 mm	6 mm	4 mm	4-6 mm	2400 N	4.8 mm
832148 12	4,8X12	4.000 g	2.92 mm	8.0 mm	6.0 mm	6.0-8.0 mm	2400 N	4.8 mm
832148 14	4,8X14	4.500 g	2.92 mm	10 mm	8 mm	8-10 mm	2400 N	4.8 mm
832148 16	4,8X16	4.500 g	2.92 mm	11.5 mm	10.0 mm	10.0-11.5 mm	2400 N	4.8 mm
832148 18	4,8X18	5.000 g	2.92 mm	13.5 mm	11.5 mm	11.5-13.5 mm	2400 N	4.8 mm
832148 20	4,8X20	4.900 g	2.92 mm	15.0 mm	13.5 mm	13.5-15.0 mm	2400 N	4.8 mm
832148 25	4,8X25	6.000 g	2.92 mm	20.0 mm	17 mm	17-20.0 mm	2400 N	4.8 mm
832148 30	4,8X30	6.550 g	2.92 mm	25.0 mm	20.0 mm	20.0-25.0 mm	2400 N	4.8 mm
83214 8	4X8	2.250 g	2.42 mm	5.0 mm	3.0 mm	3.0-5.0 mm	1700 N	4 mm
83214 10	4X10	2.400 g	2.42 mm	6.5 mm	5.0 mm	5.0-6.5 mm	1700 N	4 mm
83214 12	4X12	2.400 g	2.42 mm	8.5 mm	6.5 mm	6.5-8.5 mm	1700 N	4 mm
83214 16	4X16	2.800 g	2.42 mm	12.5 mm	10.5 mm	10.5-12.5 mm	1700 N	4 mm
832164 8	6,4X8,0	7.000 g	3.8 mm	3.0 mm	1.5 mm	1.5-3.0 mm	4500 N	6.4 mm
832164 12	6,4X12	7.800 g	3.8 mm	6.0 mm	3.0 mm	3.0-6.0 mm	4500 N	6.4 mm
832164 15	6,4X15	8.800 g	3.8 mm	9.0 mm	6.0 mm	6.0-9.0 mm	4500 N	6.4 mm
83216 10	6X10	6.000 g	3.7 mm	5.0 mm	3.0 mm	3.0-5.0 mm	4300 N	6 mm



Fix master

Blind rivet, round head

A2 stainless rivet, A2 stainless steel shank

- **Surface of the sleeve :** Plain
- **Surface of the mandrel :** Plain
- **Material of the sleeve :** Stainless steel A2
- **Material of the mandrel :** Stainless steel A2
- **Head type :** Pan head
- **RoHS-compliant :** Yes

Art. No.	Type description	Product weight (per item)	Mandrel diameter	Max. grip range	Min. grip range	Min./max. grip range	Shear-fracture load	Nominal diameter
83413 8	3,0X8	1.320 g	1.95 mm	5.0 mm	3.0 mm	3.0-5.0 mm	1800 N	3.0 mm
834132 6	3,2X6	1.350 g	1.95 mm	3.0 mm	1.0 mm	1.0-3.0 mm	1900 N	3.2 mm
834132 8	3,2X8	1.400 g	1.95 mm	5.0 mm	3.0 mm	3.0-5.0 mm	1900 N	3.2 mm
834132 10	3,2X10	1.480 g	1.95 mm	7.0 mm	5.0 mm	5.0-7.0 mm	1900 N	3.2 mm
834132 12	3,2X12	1.500 g	1.95 mm	9.0 mm	7.0 mm	7.0-9.0 mm	1900 N	3.2 mm
834132 15	3,2X15	1.800 g	1.95 mm	12 mm	10 mm	10-12 mm	1900 N	3.2 mm
83414 6	4,0X6,0	2.300 g	2.42 mm	3 mm	2 mm	2-3 mm	2900 N	4 mm
83414 16	4,0X16	3.000 g	2.42 mm	12.0 mm	10.0 mm	10.0-12.0 mm	2900 N	4 mm
83414 18	4,0X18	3.000 g	2.42 mm	14.0 mm	12.0 mm	12.0-14.0 mm	2900 N	4 mm
83414 20	4,0X20	3.000 g	2.42 mm	16.0 mm	14.0 mm	14.0-16.0 mm	2900 N	4 mm
834148 8	4,8X8	3.500 g	2.9 mm	4.0 mm	1.5 mm	1.5-4.0 mm	4230 N	4.8 mm
834148 10	4,8X10	3.700 g	2.9 mm	6 mm	4 mm	4-6 mm	4230 N	4.8 mm
834148 12	4,8X12	3.900 g	2.42 mm	8.0 mm	6.0 mm	6.0-8.0 mm	4230 N	4.8 mm
834148 14	4,8X14	4.400 g	2.9 mm	9.5 mm	8.0 mm	8.0-9.5 mm	4230 N	4.8 mm
834148 16	4,8X16	4.600 g	2.9 mm	11.0 mm	9.5 mm	9.5-11.0 mm	4230 N	4.8 mm
834148 20	4,8X20	5.000 g	2.9 mm	16.0 mm	13.0 mm	13.0-16.0 mm	4230 N	4.8 mm
834148 22	4,8X22	5.400 g	2.9 mm	17.0 mm	15.0 mm	15.0-17.0 mm	4230 N	4.8 mm
834148 25	4,8X25	5.800 g	2.9 mm	20.0 mm	17.0 mm	17.0-20.0 mm	4230 N	4.8 mm
834148 30	4,8X30	5.800 g	2.9 mm	25.0 mm	20.0 mm	20.0-25.0 mm	4230 N	4.8 mm
834148 35	4,8X35	7.000 g	2.9 mm	30.0 mm	25.0 mm	25.0-30.0 mm	4230 N	4.8 mm
83414 8	4X8	2.000 g	2.42 mm	4.5 mm	2.5 mm	2.5-4.5 mm	2900 N	4 mm
83414 10	4X10	2.000 g	2.42 mm	6.5 mm	4.5 mm	4.5-6.5 mm	2900 N	4 mm
83414 12	4X12	2.600 g	2.42 mm	8.5 mm	6.5 mm	6.5-8.5 mm	2900 N	4 mm
83414 14	4X14	2.800 g	2.42 mm	10.0 mm	8.5 mm	8.5-10.0 mm	2900 N	4 mm
83415 8	5X8	3.410 g	2.9 mm	4 mm	1.5 mm	1.5-4 mm	4700 N	5 mm
83415 12	5X12	4.040 g	2.9 mm	8 mm	6 mm	6-8 mm	4700 N	5 mm
834164 12	6,4X12	1.000 g	3.85 mm	6.0 mm	4.0 mm	4.0-6.0 mm	7570 N	6.4 mm



Two-way drill bit, HSS

Assembly drill bit for working in thin-sheet steel, tip angle 118°

Precise drilling

The sturdy twist drill with its extra-short design ensures precise drilling.

Self-centring

The crosswise grinding ensures an excellent centring effect even on round materials, eliminating the need for centre-punching or piloting.

Art. No.	
0636325	
063641	
063649	
063651	



Two-way drill bit, HSCO

Assembly drill bit for working in thin-sheet steel, tip angle 118°

Precise drilling

The sturdy twist drill with its extra-short design ensures precise drilling.

Self-centring

The crosswise grinding ensures an excellent centring effect even on round materials, eliminating the need for centre-punching or piloting.

Art. No.	
0636326	
0636410	
0636490	



Finish nail brass

Brass nail with small head

• **Material:** Hardened steel

Art. No.	Type description	Product weight (per item)
047991420	1,4X20	0.230 g
047991425	1,4X25	0.300 g
047991430	1,4X30	0.370 g
047991435	1,4X35	0.430 g
047991440	1,4X40	0.440 g
047991445	1,4X45	0.520 g
047991450	1,4X50	0.570 g



Finish nail black

Brass nail with small head

• **Material :** Steel

Art. No.	Type description	Product weight (per item)
047981425	1,4X25	0.320 g
047981430	1,4X30	0.340 g
047981435	1,4X35	0.440 g
047981440	1,4X40	0.510 g
047981445	1,4X45	0.520 g



Finish nail brass, droplet head

Brass nail with small head

• **Material :** Steel

Art. No.	Type description	Product weight (per item)
772112520	20X1,25	0.200 g
772112525	25/1,25 (pack 1000 pcs)	0.300 g
772114 25	25/1,4 (pack 1000 pcs)	0.400 g
772112530	30X1,25	0.300 g
77212 30	30X2	0.800 g
772114 35	35/1,4 (pack 1000 pcs)	0.500 g
772112535	35X1,25	0.400 g
77212 35	35X2	0.900 g
772114 40	40/1,4 (pack 1000 pcs)	0.500 g
77212 40	40X2	1.100 g
772114 45	45X1,4	0.600 g
77212 50	50/2 (pack 1000 pcs)	1.900 g



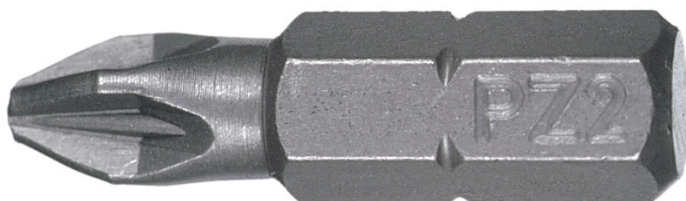
Screwdriver bit PH,

For Phillips heads

• **Drive type :** Outer hexagon
• **Tip type :** PH

Art. No.	Type description	Tip size	Drive	Length
0614176739	NO 2 110 MM	PH2	E 6.3 (1/4 inch)	110 mm
0614176737	PH 2/50	PH2	E 6.3 (1/4 inch)	50 mm

Art. No.	Type description	Tip size	Drive	Length
0614176775	PH 2/73	PH2	E 6.3 (1/4 inch)	73 mm
0614176274	PH1/25	PH1	C 6.3 (1/4 inch)	25 mm
0614176461	PH2/25	PH2	C 6.3 (1/4 inch)	25 mm
0614176736	PH2/50	PH2	E 6.3 (1/4 inch)	50 mm
0614176648	PH3/25	PH3	C 6.3 (1/4 inch)	25 mm



Screwdriver bit PZ,

For Pozidriv heads

- **Drive type :** Outer hexagon
- **Tip type :** PZ

Art. No.	Type description	Tip size	Drive	Length
0614176738	NO 2 110 MM	PZ2	E 6.3 (1/4 inch)	110 mm
0614176651	PZ1/25	PZ1	C 6.3 (1/4 inch)	25 mm
0614176652	PZ2/25	PZ2	C 6.3 (1/4 inch)	25 mm
0614176660	PZ2/50	PZ2	E 6.3 (1/4 inch)	50 mm
0614176653	PZ3/25	PZ3	C 6.3 (1/4 inch)	25 mm
0614176661	PZ3/50	PZ3	E 6.3 (1/4 inch)	50 mm

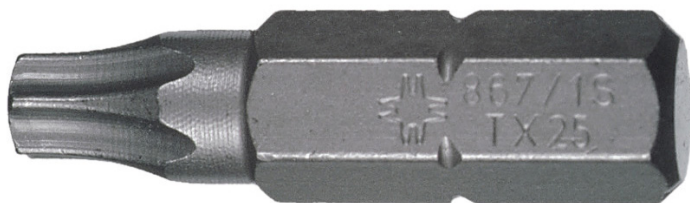


Screwdriver bit PH, narrow

For Phillips heads, narrow type

- **Type description :** 1/4"
- **Tip size :** PH2
- **Drive type :** Crosshead
- **Drive :** C 6.3 (1/4 inch)
- **Tip type :** PH
- **Length :** 25 mm

Art. No.	
16144612	

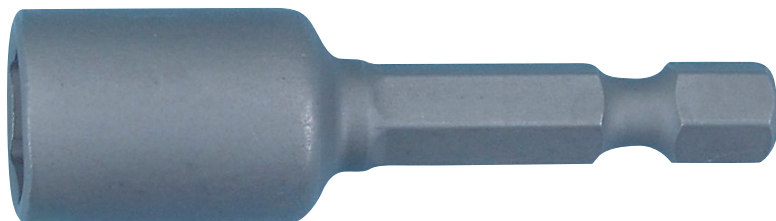


Screwdriver bit TX

For Torx heads

- **Drive type :** Outer hexagon
- **Drive :** C 6.3 (1/4 inch)

Art. No.	Type description	Tip size	Length
06143110	10	TX10	25 mm
06143115	15	TX15	25 mm
06143120	20	TX20	25 mm
06143125	25	TX25	25 mm
06143150	25MM X 1/4"	TX50	25 mm
06143130	30	TX30	25 mm
06143140	40	TX40	25 mm
06143315	TX15 70 MM	TX15	70 mm
06143320	TX20 70 MM	TX20	70 mm
06143325	TX25 70MM	TX25	70 mm
06143330	TX30 70 MM	TX30	70 mm



Magnetic chuck

Art. No.	Type description	Width across flats	Drive
16140 141	1/4"	1/4 inch	C 6.3 (1/4 inch)
16140 14	AV 1/4"	1/4 inch	C 6.3 (1/4 inch)
0614176716	AV 3/8"	3/8 inch	E 6.3 (1/4 inch)
0614176712	AV 5,5 MM	5.5 mm	E 6.3 (1/4 inch)
0614176714	AV 7 MM	7 mm	E 6.3 (1/4 inch)
0614176715	AV 8 MM	8 mm	E 6.3 (1/4 inch)
16140 10	AV 10 MM	10 mm	C 6.3 (1/4 inch)
0614176718	AV 13 MM	13 mm	E 6.3 (1/4 inch)



Adjustable magnetic chuck

- **Type description :** 1/4"
- **Width across flats :** 1/4 inch
- **Drive :** C 6.3 (1/4 inch)

Art. No.	
0614811361	

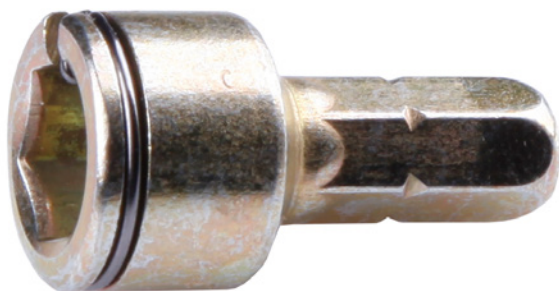


Magnetic holder

1/4" x 60 mm

- **Type description :** 1/4"X60
- **Width across flats :** 1/4 inch
- **Drive :** C 6.3 (1/4 inch)

Art. No.	
161414 60	



Spring chuck

For fastening cladding screws and stainless screws

- **Type description :** AV 8 MM
- **Width across flats :** 8 mm
- **Drive :** C 6.3 (1/4 inch)

Art. No.	
16140 825	



Ferrometal Oy

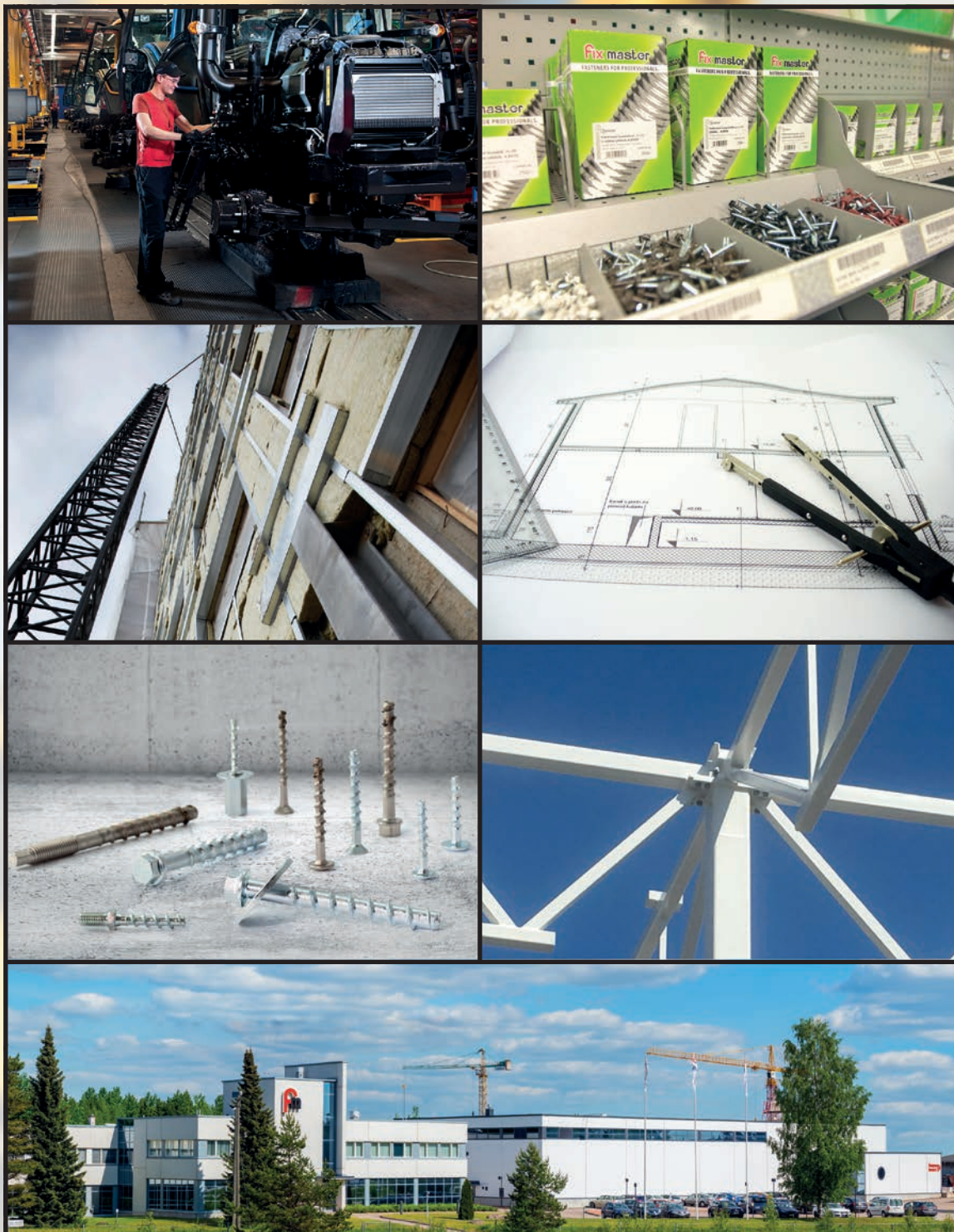
Karhutie 9

01900 Nurmijärvi

Finland

tel. +358 10 308 11

www.ferrometal.fi



Ferrometal Oy - Suomi

Karhutie 9
01900 Nurmijärvi

Tel. +358 10 308 11

Ferrometal OÜ - Estonia

Laki 14 A
10621 Tallinn

Tel. +372 699 0470

Ferrometal - Latvia

Ganību dambis 17a,
Office No: 308
LV-1045 Rīga

Tel. +371 2666 5158