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GLOBAL MANUFACTURING

20+ YEARS EXPERIENCE

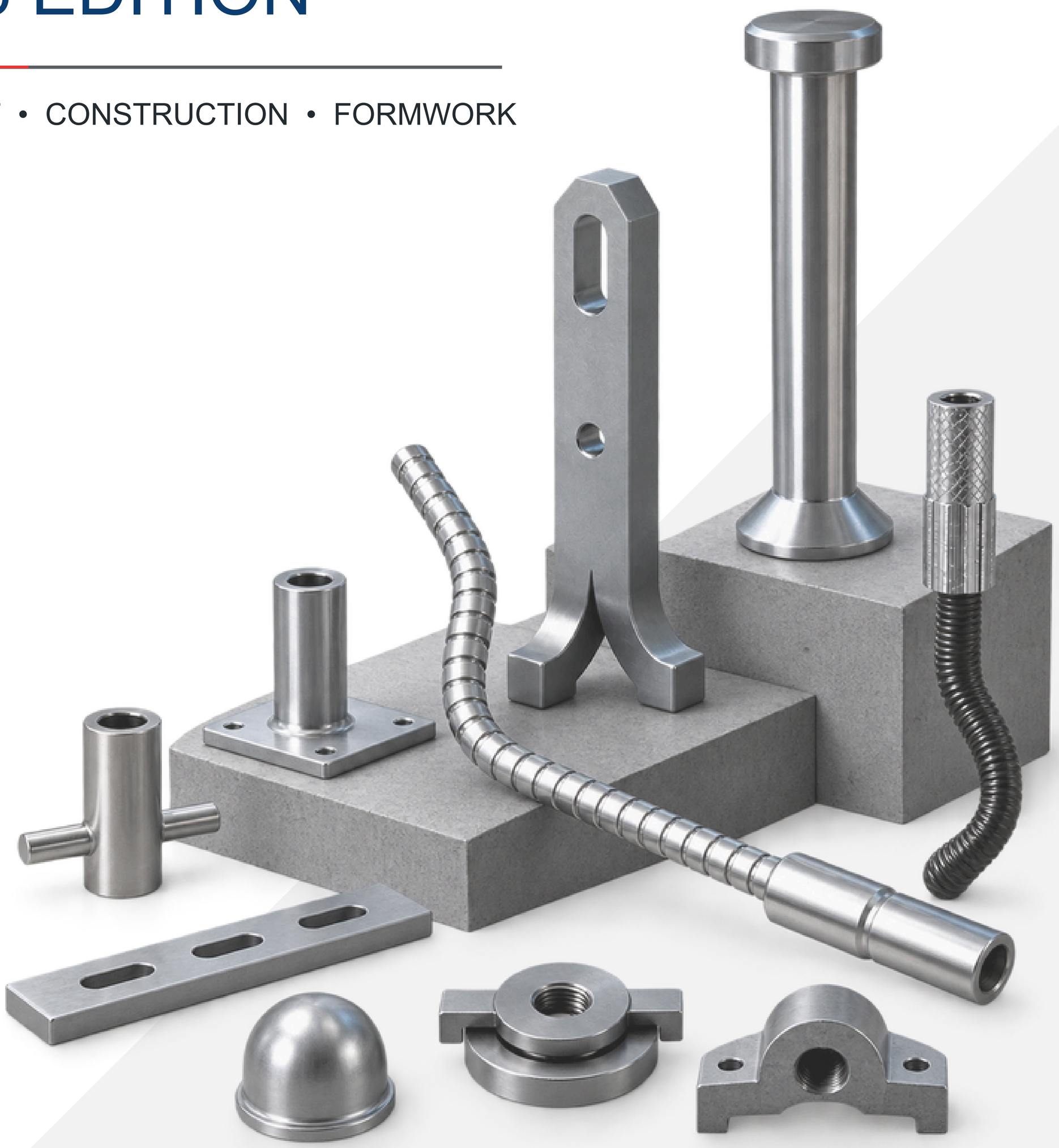
ISO 9001 CERTIFIED

EN 1090 - 2 COMPLIANT

PRODUCT CATALOGUE

2026 EDITION

PRECAST • CONSTRUCTION • FORMWORK



PRECAST & FORMWORK SOLUTIONS

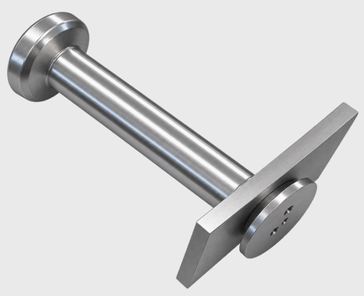
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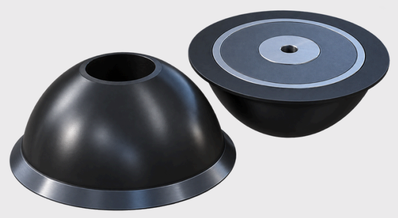




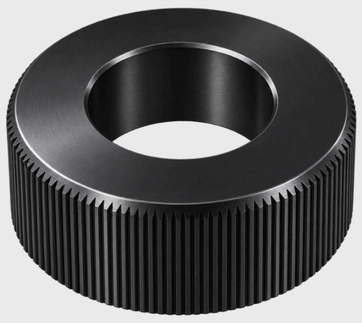








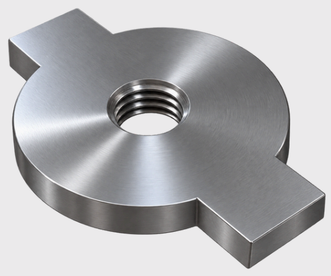


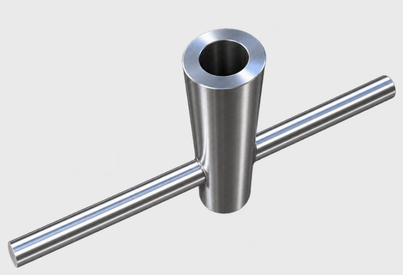


















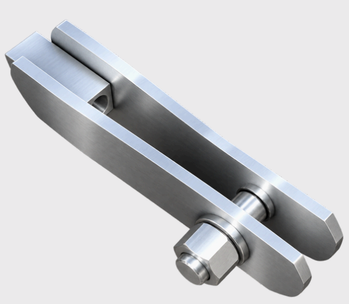




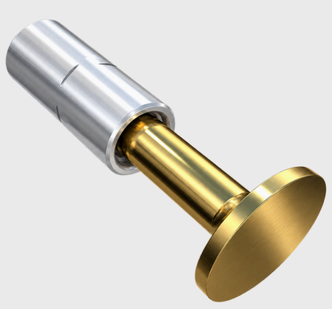


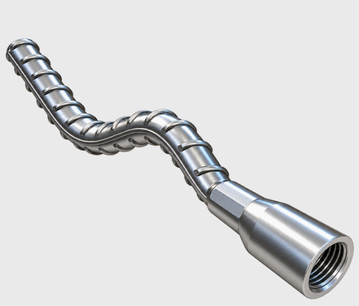


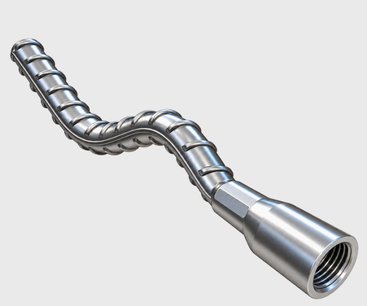




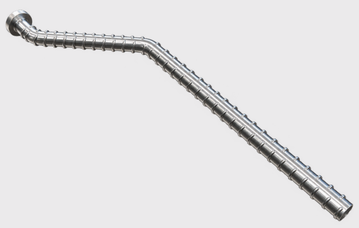










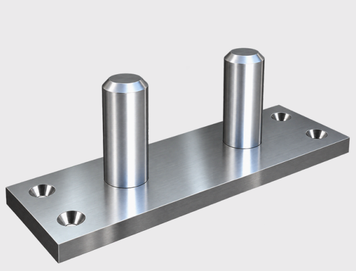










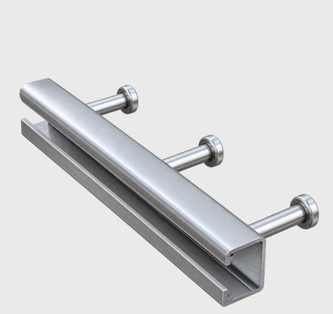












COMPANY PROFILE

Hanyang Group is an international manufacturing and engineering company that develops and produces advanced technical solutions for the construction and industrial sectors.

We operate within construction and concrete technology and deliver customised solutions for industrial production. Through close cooperation with our customers, we translate engineering expertise into efficient, reliable and competitive products.

All production is carried out using a modern, high-technology machine park, ensuring high quality, precision and consistent results – even for complex solutions and large-scale series. Our approach is always based on quality, efficiency and profitability.

Hanyang Group supplies a wide range of industries, with a primary focus on formwork, precast lifting technology and industrial solutions. We export globally and collaborate with some of the market's largest and most recognised international players.

For us, it is about more than products. We prioritise quality, innovation, reliability and long-term partnerships. As a manufacturing and engineering company, we take responsibility for the entire process – from idea and development to production and delivery. We are often involved early in the development phase and follow projects all the way through to implementation and series production.

We are constantly evolving and continuously work on implementing new and future-proof solutions – within quality, technology and environmental considerations. Hanyang Group is certified in accordance with all relevant quality and environmental standards and takes responsibility for continuous improvement and transformation.

Reducing Co2 emissions across our entire supply chain is a key priority in our long-term sustainability strategy. We focus on lowering our carbon footprint through multiple initiatives, including the increased use of renewable energy such as solar power. Our on-site solar generation already covers a significant share of our daily energy consumption, and we continue to expand our solar capacity as part of our commitment to sustainable operations.

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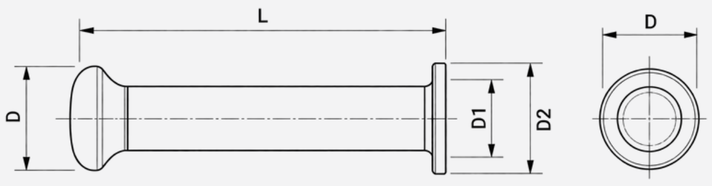
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LIFTING
ANCHOR SYSTEM

LIFTING ANCHOR





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Lifting head anchor for incasing together with a removable recess former, used for lifting, transportation and handeling.

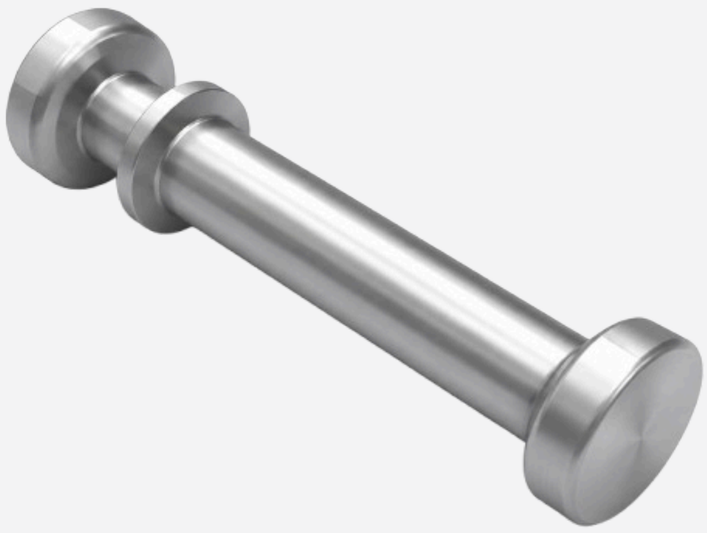
The lifting head anchors are manufactured of quality steel and the anchor head is forged to fit til lifting clutch.

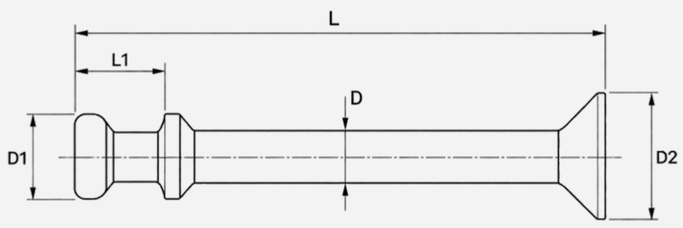
Lifting head anchors are designed and manufactured in accordance with EU Machinery Directive 2006/42/EC and VDI/BV-BS 6205. The lifting head anchors meet the requirements for safe lifting and handling of concrete elements.

Surface treatment: Plain, hot dip galvanized, eletro galvanising or A4/A2 stainless steel
Material plain, hot dip galvanized and electro galvanised: S355J2 according to EN10025
Material A4/A2 Stainless steel: 1.4301 / 1.4401 according to EN10088.

T	L	D	D1	D2
1.3 T	35 mm	10 mm	18 mm	25 mm
1.3 T	40 mm	10 mm	18 mm	25 mm
1,3 T	55 mm	10 mm	18 mm	25 mm
1,3 T	65 mm	10 mm	18 mm	25 mm
1,3 T	85 mm	10 mm	18 mm	25 mm
1,3 T	120 mm	10 mm	18 mm	25 mm
2,5 T	45 mm	14 mm	25 mm	35 mm
2,5 T	55 mm	14 mm	25 mm	35 mm
2,5 T	65 mm	14 mm	25 mm	35 mm
2,5 T	85 mm	14 mm	25 mm	35 mm
2,5 T	120 mm	14 mm	25 mm	35 mm
2,5 T	170 mm	14 mm	25 mm	35 mm
5,0 T	75 mm	20 mm	36 mm	50 mm
5,0 T	95 mm	20 mm	36 mm	50 mm
5,0 T	120 mm	20 mm	36 mm	50 mm
5,0 T	180 mm	20 mm	36 mm	50 mm

DOUBLE HEADED LIFTING ANCHOR





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Double headed lifting anchors are mainly used in light, thin-walled tubes or panels.

The cylindrical double headed anchor is attached to lifting eye for lifting.

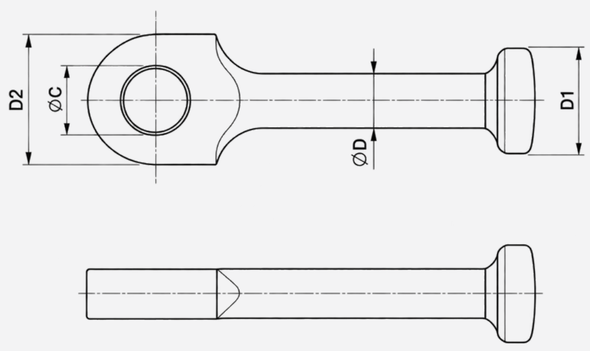
Double headed lifting anchors are designed and manufactured in accordance with EU Machinery Directive 2006/42/EC and VDI/BV-BS 6205. The double headed lifting anchors meet the requirements for safe lifting and handling of concrete elements.

Surface treatment: Plain, Hot dip galvanized, electro galvanised or A4/A2 Stainless steel
Material plain, hot dip galvanized and electro galvanised: S355J2 according to EN10025
Material A4/A2 Stainless steel: 1.4301 / 1.4401 according to EN10088.

LOAD RATING	L	L1	D	D1	D2
1,3 T	40 mm	18 mm	17 mm	10 mm	25 mm
1,5 T	50 mm	18 mm	17 mm	10 mm	25 mm
1,3 T	65 mm	18 mm	17 mm	10 mm	25 mm
1,3 T	85 mm	18 mm	17 mm	10 mm	25 mm
2,5 T	65 mm	23 mm	24 mm	14 mm	35 mm
2,5 T	85 mm	23 mm	24 mm	14 mm	35 mm
2,5 T	120 mm	23 mm	24 mm	14 mm	35 mm
5,0 T	110 mm	29 mm	36 mm	20 mm	50 mm
5,0 T	240 mm	29 mm	36 mm	20 mm	50 mm

CROSS HOLE LIFTING ANCHOR





- **CE Marked**
- **With traceability no**
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- **Can be delivered as private label**

Cross hole lifting anchor is developed for installation on the ends of wall stabs. The anchor is held fast by rebar which is inserted through the cross hole.

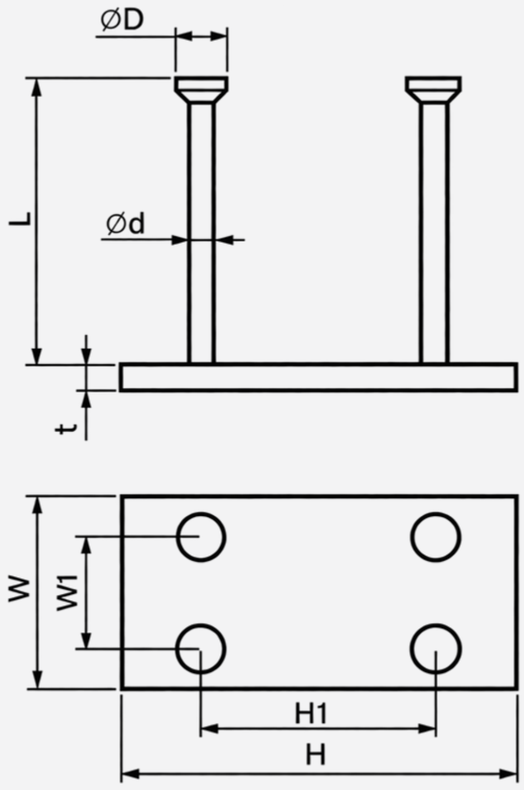
The cross hole lifting anchors are unsed for large precast units such as slabs, beams, panels and pipes.

Cross hole lifting anchors are designed and manufactured in accordance with EU Machinery Directive 2006/42/EC and VDI/BV-BS 6205. The cross hole lifting anchors meet the requirements for safe lifting and handling of concrete elements

T	L	D	D1	C
1 T	1 mm	1 mm	1 mm	1 mm
2,5 T	90 mm	14 mm	26 mm	13 mm
5,0 T	90 mm	20 mm	36 mm	18 mm
5,0 T	120 mm	20 mm	36 mm	18 mm
10,0 T	115 mm	28 mm	47 mm	25 mm
10,0 T	180 mm	28 mm	47 mm	25 mm
20,0 T	250 mm	39 mm	70 mm	30 mm
1.3 T	40 mm	10 mm	18 mm	25 mm

FASTENING PLATE





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Fastening plates are engineered steel plates with integrated anchors, designed to provide strong and reliable connections in concrete structures.

The plates are embedded in the concrete before it hardens, allowing the anchors to efficiently transfer loads and stresses from the steel plate into the surrounding concrete structure. Steel components can subsequently be connected directly to the fastening plates through welding, ensuring a secure and durable connection.

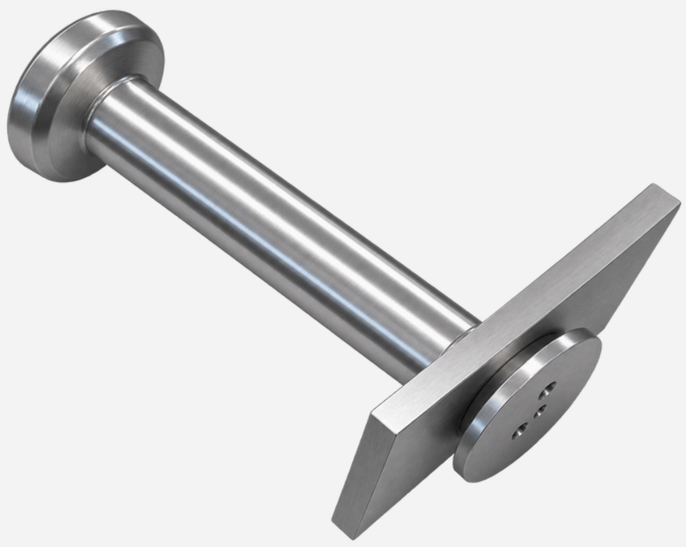
The lifting loops are designed and manufactured in accordance with EU Machinery Directive 2006/42/EC and VDI/BV-BS 6205. The standard wire loops meet the requirements for safe lifting and handling of concrete elements.

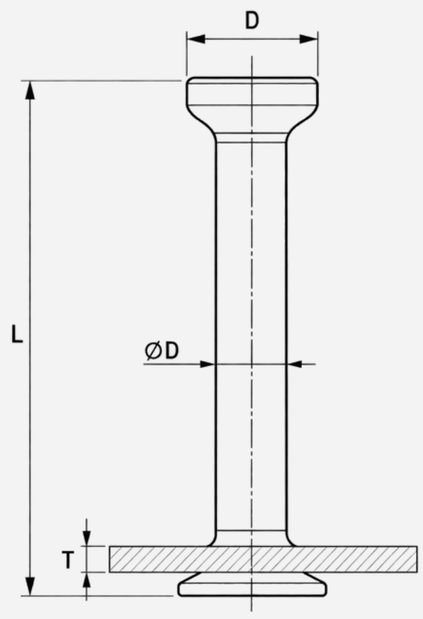
Surface treatment: Electro galvanised or A4 Stainless steel

Material insert: S355J2 or A4 Stainless steel

A	D	H	A	D	Φ	T	WEIGHT
50	100	68	-	60	12or13	8	0.5
100	100	68	60	60	12or13	8	0.9
100	150	70	60	90	12or13	10	1.5
150	150	162	90	90	12or13	12	2.7
100	200	162	60	120	12or13	12	2.5
200	200	162	120	120	16	12	4.9
250	250	165	170	170	16	15	8.5
100	300	165	60	180	16	15	4.7
200	300	165	120	180	16	15	8.2
300	300	165	180	180	16	15	11.9

LIFTING ANCHOR WITH PLATE





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Lifting anchor with plate for lifting, transporting, and handeling of precast concrete units, casting of concrete slabs etc.

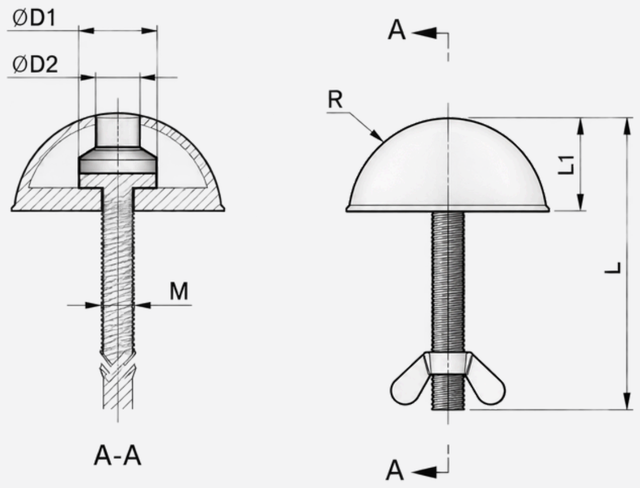
Lifting anchors with plates are designed and manufactured in accordance with EU Machinery Directive 2006/42/EC and VDI/BV-BS 6205. The lifting anchors with plates meet the requirements for safe lifting and handling of concrete elements.

Surface treatment insert: Plain, Hot dip galvanized, electro galvanised or A4/A2 Stainless steel
Material plain, hot dip galvanized and electro galvanised: S355J2 according to EN10025
Material A4/A2 Stainless steel: 1.4301 / 1.4401 according to EN10088.

LOAD GROUP	D	D1	L	T	A	B
2.5 T	14 mm	25 mm	55 mm	6 mm	70 mm	70 mm
2,5 T	14 mm	25 mm	85 mm	6 mm	70 mm	70 mm
2,5 T	14 mm	25 mm	120 mm	6 mm	70 mm	70 mm
5,0 T	20 mm	36 mm	55 mm	8 mm	90 mm	90 mm
5,0 T	20 mm	36 mm	65 mm	8 mm	90 mm	90 mm
5,0 T	20 mm	36 mm	75 mm	8 mm	90 mm	90 mm
5,0 T	20 mm	36 mm	95 mm	8 mm	90 mm	90 mm
5,0 T	20 mm	36 mm	110 mm	8 mm	90 mm	90 mm
5,0 T	20 mm	36 mm	120 mm	8 mm	90 mm	90 mm
7,5 T	24 mm	46 mm	65 mm	8 mm	110 mm	110 mm
7,5 T	24 mm	46 mm	85 mm	8 mm	110 mm	110 mm
7,5 T	24 mm	46 mm	95 mm	8 mm	110 mm	110 mm
7,5 T	24 mm	46 mm	100 mm	8 mm	110 mm	110 mm

RUBBER RECESS FORMERS





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Rubber recess formers attach the pin anchor to the mould and holes the anchor securely in place during casting.

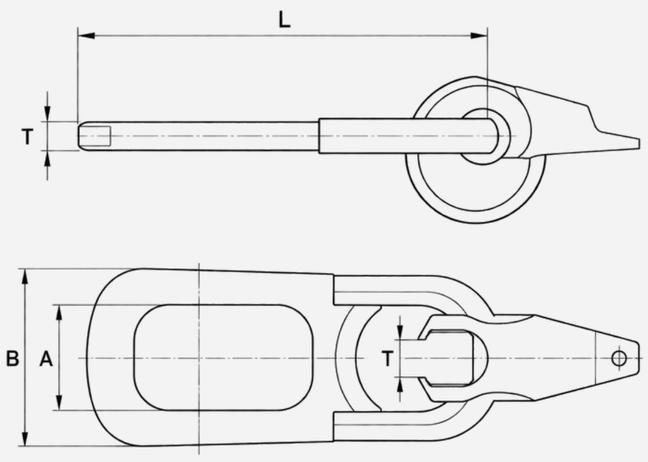
The rubber recess former can be used several times. In order to ease the identification of the load group, the formers are produced in different colours.

A permanent thread stud with one wing nut to tighten against the form to hold the former securely.

T	M	D1	D2	R	L1	L
1,3 T	8 mm	21 mm	10 mm	30 mm	30 mm	86 mm
2,5 T	10 mm	28 mm	14 mm	37 mm	37 mm	90 mm
5 T	10 mm	38 mm	20 mm	47 mm	47 mm	11 mm
10 T	12 mm	47 mm	28 mm	59 mm	59 mm	114 mm
20 T	12 mm	71 mm	38 mm	80 mm	80 mm	116 mm
32 T	16 mm	90 mm	50 mm	104 mm	104 mm	114 mm

LIFTING CLUTCH FOR SPHERICAL HEAD ANCHORS





- CE Marked
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- Delivered with 3.1 certificate
- Can be delivered as private label

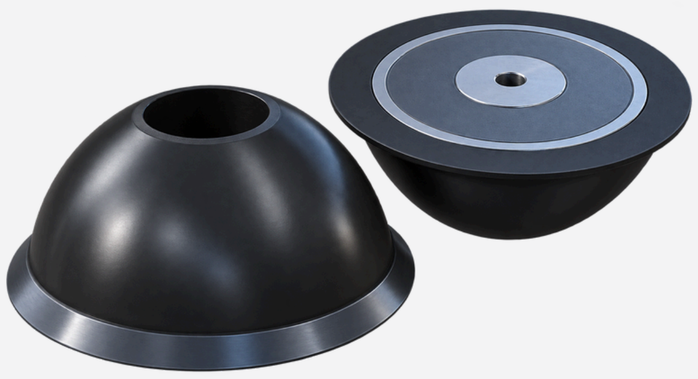
Lifting clutchs are used for lifting and handling of head anchors. The lifting clutch is manufactured of high alloy steel and tested according to safety factor 3 times working load.
The construction ensure the clutch self-lock when applying upward forces ensures a tight and safe connection to the spherical head lifting anchor.

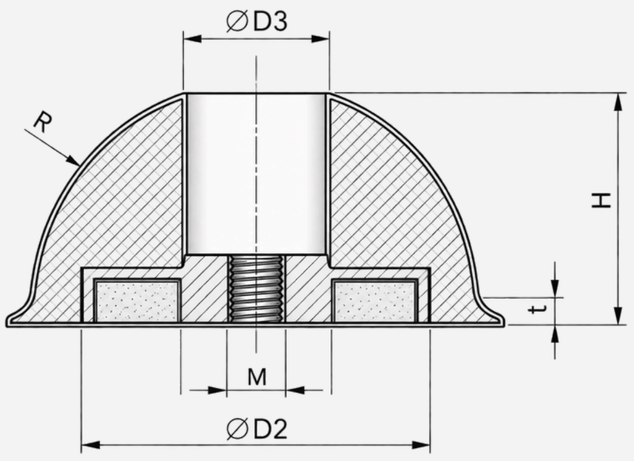
The allowable loads for the individual cases can be taken from the tables in the following table.
Accident prevention regulations of the country of use must always be observed,
especially those for the use of cranes and lifting equipment.

Lifting clutch is a heavy duty lifting device for load groups from 1.3-32.0 tons as standard.
Lifting clutchs are designed and manufactured in accordance with EU Machinery Directive 2006/42/EC and VDI/BV-BS 6205. The lifting clutchs meet the requirements for safe lifting and handling of concrete elements.

PRODUCT CODE	LOAD GROUP	A	B	C	G	H	T	L
6102-1.3	1.3 T	46 mm	74 mm	20 mm	70 mm	11 mm	12 mm	162 mm
6102-2.5	2,5 T	54 mm	88 mm	25 mm	85 mm	16 mm	14 mm	196 mm
6102-5	5 T	70 mm	118 mm	37 mm	88 mm	22 mm	16 mm	238 mm
6102-10	10 T	84 mm	160 mm	50 mm	112 mm	30 mm	26 mm	339 mm
6102-20	20 T	113 mm	191 mm	75 mm	135 mm	42 mm	30 mm	455 mm
6102-32	32 T	180 mm	280 mm	100 mm	189 mm	54 mm	42 mm	582 mm

MAGNETIC RECESS FORMERS





Magnetic recess formers are to facilitate the positioning the lifting anchors in precast concrete panels.
The magnetic former make a quick and easy position of foot anchors.

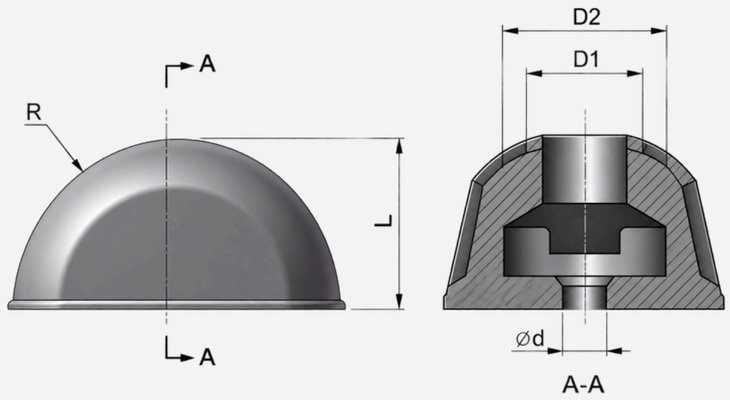
Magnetic recess formers are designed and manufactured in accordance with EU Machinery Directive 2006/42/EC and VDI/BV-BS 6205. The magnetic recess formers meet the requirements for safe lifting and handling of concrete elements.

LOAD GROUP	D1	D2	D3	M	T	H	R
1,3 T	45 mm	19 mm	18 mm	10 mm	6 mm	33 mm	35 mm
2,5 T	50 mm	19 mm	25 mm	10 mm	6 mm	42 mm	46 mm
5,0 T	60 mm	19 mm	36 mm	10 mm	6 mm	55 mm	60 mm

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OVAL RUBBER RECESS FORMER





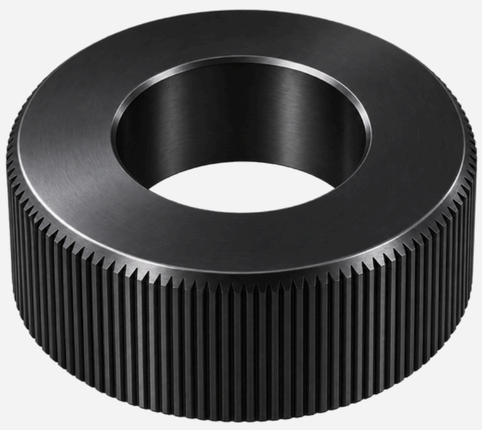
Oval rubber recess former is used by narrow minimal width areas for thin elements such as wall panels.

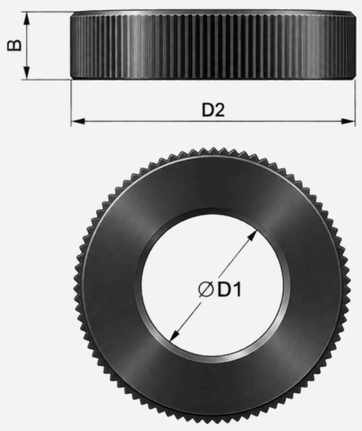
Oval rubbers are designed and manufactured in accordance with EU Machinery Directive 2006/42/EC and VDI/BV-BS 6205. The oval rubber recess formers meet the requirements for safe lifting and handling of concrete elements.

T	D1	D2	D	R	L
1,3 T	21 mm	10 mm	7 mm	30 mm	86 mm
2,5 T	28 mm	14 mm	6 mm	37 mm	90 mm
5 T	38 mm	20 mm	8 mm	47 mm	11 mm
10 T	47 mm	28 mm	10 mm	59 mm	114 mm
20 T	71 mm	38 mm	10 mm	80 mm	116 mm

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RUBBER RING FOR RECESS RP





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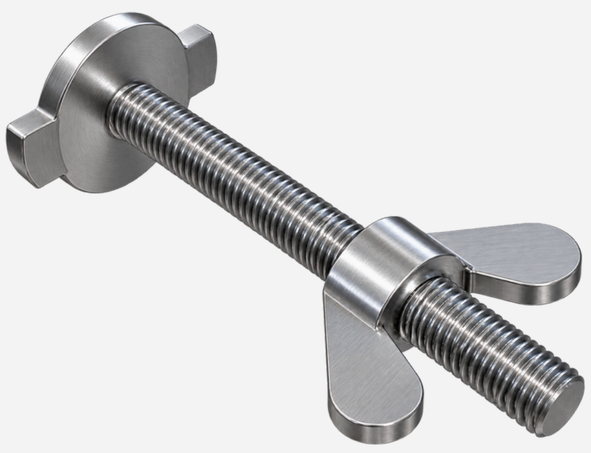
Rubber rings are used to secure the pin anchors position.

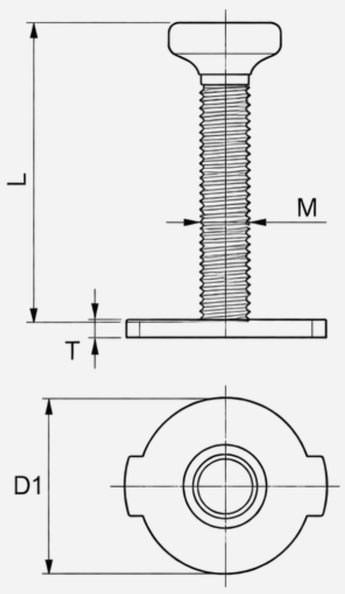
Rubber rings are designed and manufactured in accordance with EU Machinery Directive 2006/42/EC and VDI/BV-BS 6205. The rubber rings meet the requirements for safe lifting and handling of concrete elements

Material: rubber

T	D1	D2	E
1,3 T	10 mm	21 mm	11 mm
2,5 T	14 mm	31 mm	12 mm
5 T	20 mm	38 mm	14 mm
7,5 T	24 mm	49 mm	20 mm
10 T	28 mm	49 mm	20 mm

THREADED PLATE - SCREW





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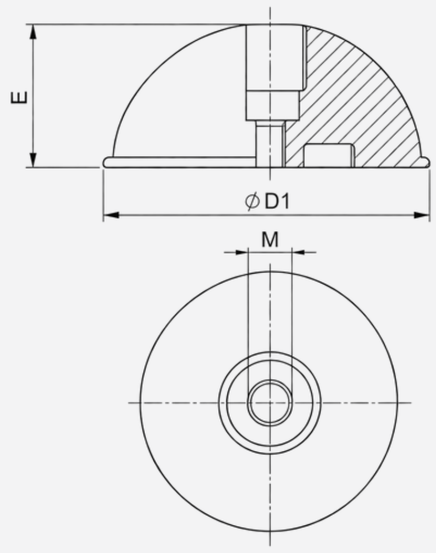
Thread plate - screw with thread rod and wing nut.
The thread plate - screw are designed and manufactured in accordance with EU Machinery Directive 2006/42/EC and VDI/BV-BS 6205.The thread plate - screw meet the requirements for safe lifting and handling of concrete elements.

Surface treatment rebar: Untreated
Surface treatment insert: Galvanized
Material: Rebar K500C-T and SBS-approved.

T	M	D	A	D1	T	L
1,3 T	8 mm	30 mm	10 mm	19 mm	3 mm	80 mm
2,5 T	10 mm	38 mm	12 mm	26 mm	3 mm	80 mm
5 T	10 mm	48 mm	14 mm	36 mm	4 mm	100 mm
32 T	16 mm	110 mm	50 mm	87 mm	5 mm	100 mm
10 T	12 mm	60 mm	15 mm	45 mm	4 mm	100 mm
20 T	12 mm	80 mm	35 mm	68 mm	3 mm	100 mm

STEEL RECESS FORMER





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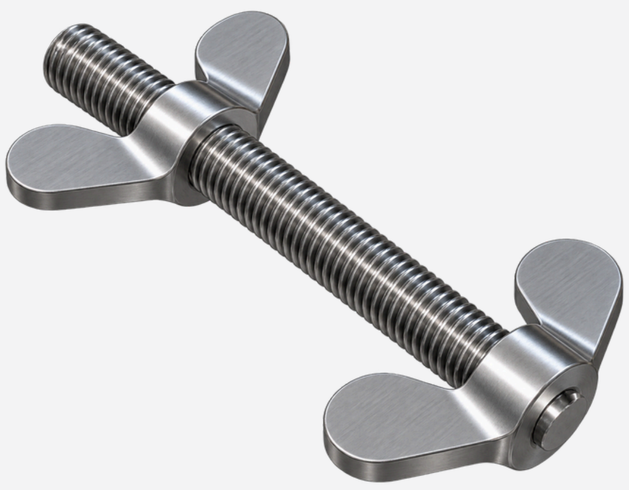
Steel recess former can be provided in two versions with and without magnets.

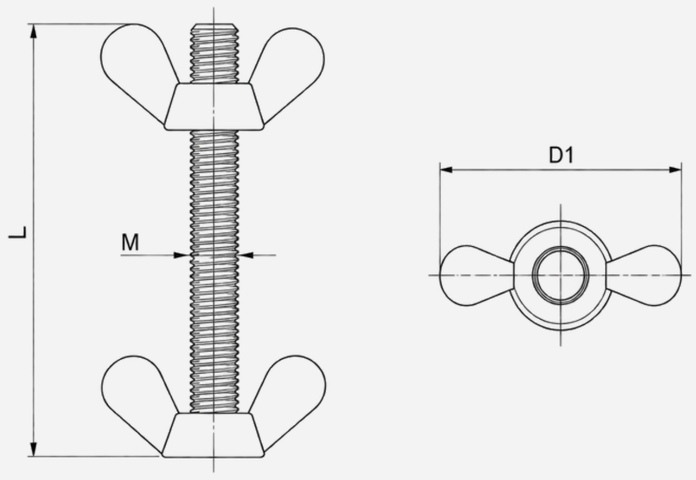
Steel recess formers are designed and manufactured in accordance with EU Machinery Directive 2006/42/EC and VDI/BV-BS 6205. The steel recess formers meet the requirements for safe lifting and handling of concrete elements.

Material: steel

T	D1	D2	E	M
1,3 T	60 mm	18 mm	32 mm	8 mm
2,5 T	74 mm	25 mm	42 mm	10 mm

HOLDING SCREW





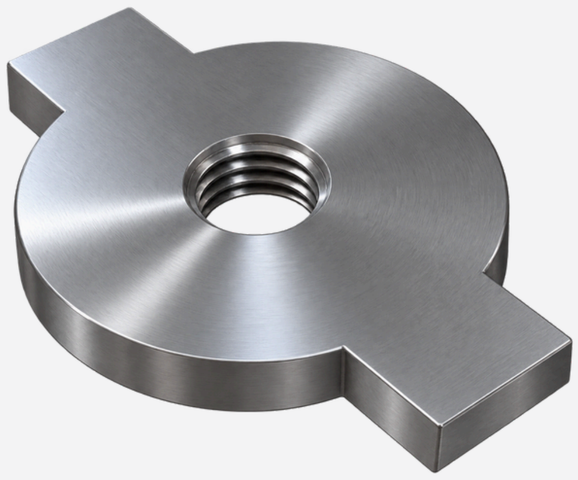
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Holding screw for the recess former through the formwork.

Surface treatment insert: Electro galvanised or A4 stainless steel
Material electro galvanised: S355J2 according to EN 10025
Material A4/A2 stainless steel : 1.4401/1.4301 according to EN 10088

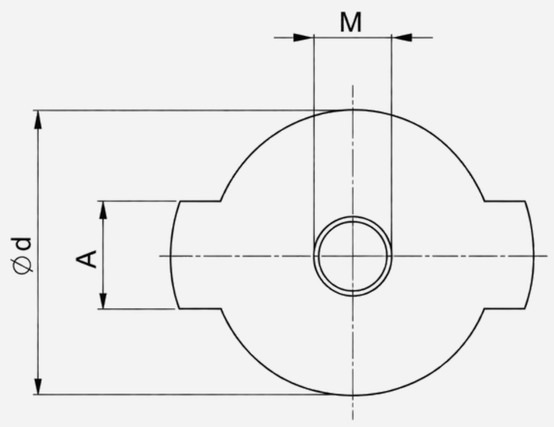
LOAD GROUP	L	M
2,5 T	160 mm	8 mm
5,0 T	160 mm	8 mm
10,0 T	160 mm	12 mm
26,0 T	180 mm	16 mm

THREADED PLATE



Thread plate for rubber recess formers.
The thread plates are designed and manufactured in accordance with EU Machinery Directive 2006/42/EC and VDI/BV-BS 6205.The tread plates meet the requirements for safe lifting and handling of concrete elements.

Surface treatment rebar: Untreated
Surface treatment insert: Galvanized
Material: Rebar K500C-T and SBS-approved.



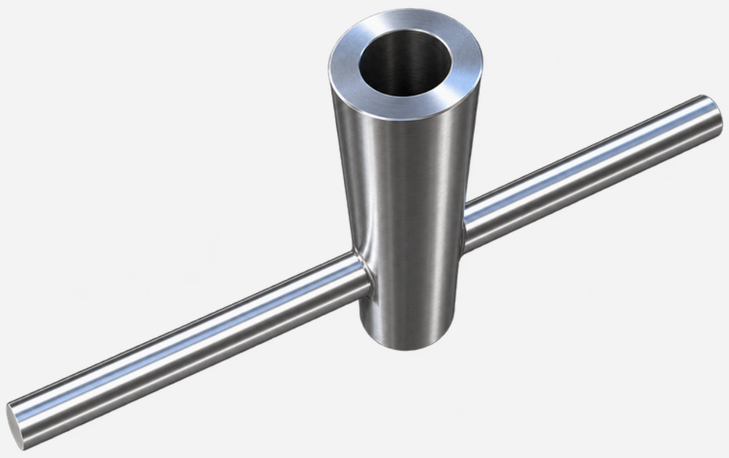
T	M	D	A	D1	T
1,3 T	8 mm	30 mm	10 mm	19 mm	3 mm
2,5 T	10 mm	38 mm	12 mm	26 mm	3 mm
5,0 T	10 mm	48 mm	14 mm	36 mm	4 mm
10,0 T	12 mm	60 mm	15 mm	45 mm	4 mm
20,0 T	12 mm	80 mm	35 mm	68 mm	3 mm
32,0 T	16 mm	110 mm	50 mm	87 mm	5 mm

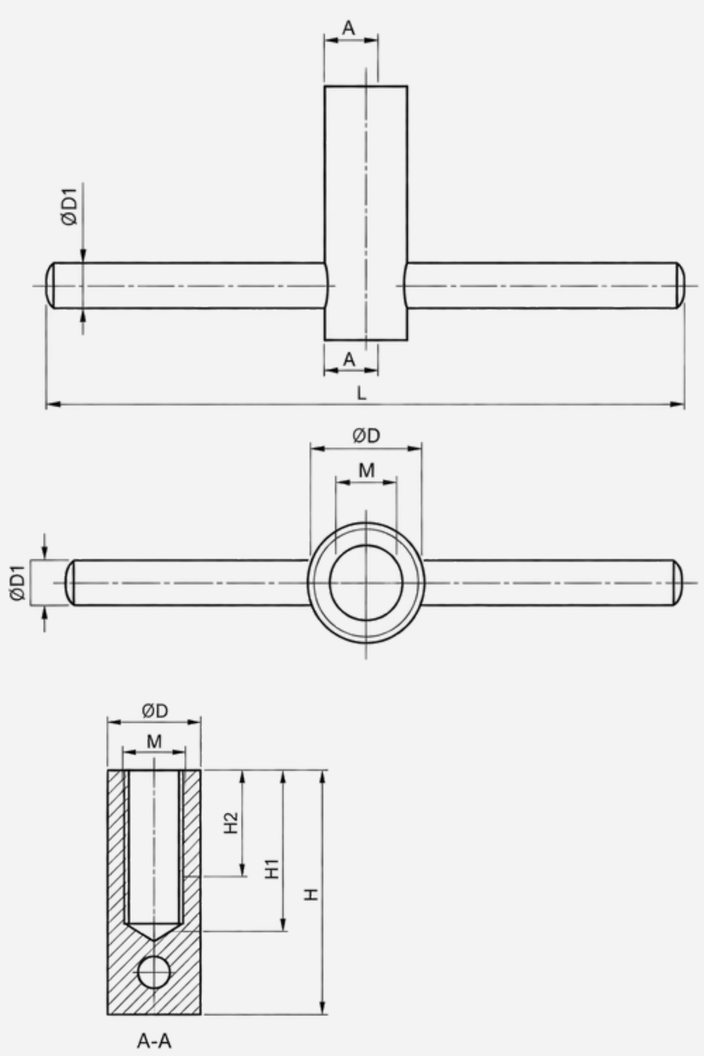
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- **With traceability no**
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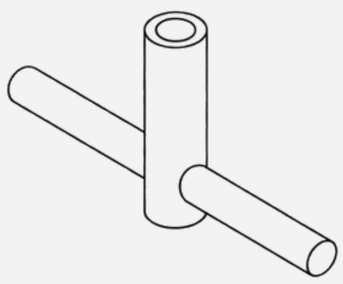
LIFTING & FIXING SYSTEM

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CROSS PIN FIXING INSERT







Cross pin fixing insert provide a cost effective threaded fixing system in cast concrete.The cross pin fixing inserts are effective for a single point fixing where there are no tolerance.

The cross pin fixing inserts are designed and manufactured in accordance with EU Machinery Directive 2006/42/EC and VDI/BV-BS 6205.The cross pin fixing inserts meet the requirements for safe lifting and handling of concrete elements.

Surface treatment: Plain, hot dip galvanized, eletro galvanising or A4/A2 stainless steel
Material plain, hot dip galvanized and electro galvanised: S355J2 according to EN10025
Material A4/A2 Stainless steel: 1.4301 / 1.4401 according to EN10088.

INSERT SIZE	THREAD M	D	H	H1	H2	D1	A
M10x45	10	15	45	26	20	6	50
M10x50	10	15	50	26	20	8	60
M10x60	10	15	60	32	20	8	60
M12x50	12	18	50	32	24	8	60
M12x70	12	18	70	34	24	10	75
M16x50	16	24	50	31	28	8	60
M16x70	16	24	70	40	32	10	75
M16x90	16	24	90	40	32	10	75
M20x100	20	28	100	45	35	12	85
M24x120	24	34	120	60	45	15	110
M24x150	24	34	150	60	45	15	110

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CROSSHOLE INSERT

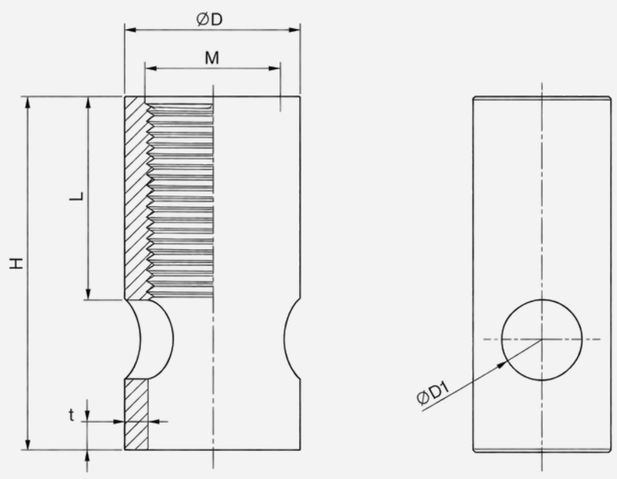


Crosshole inserts are inner threaded inserts designed for lifting of concrete elements.

Crosshole inserts are available in two materials.

The crosshole inserts are designed and manufactured in accordance with EU Machinery Directive 2006/42/EC and VDI/BV-BS 6205.The crosshole insertss meet the requirements for safe lifting and handling of concrete elements.

Surface treatment insert: Electro galvanised or A4 stainless steel
Material electro galvanised: S355J2 according to EN 10025-2
Material A4 stainless steel : 1.4401 according to EN 10088-1/5

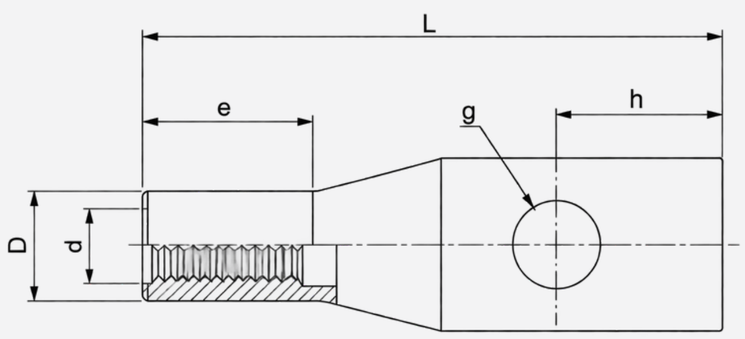


DIA M	H	L	D	D1
12 mm	40 mm	22 mm	15 mm	8 mm
14 mm	47 mm	25 mm	18 mm	10 mm
16 mm	54 mm	27 mm	21 mm	13 mm
18 mm	65 mm	34 mm	22 mm	13 mm
20 mm	69 mm	35 mm	27 mm	15 mm
24 mm	78 mm	43 mm	31 mm	18 mm
30 mm	103 mm	56 mm	40 mm	22 mm
36 mm	125 mm	68 mm	47 mm	27 mm
42 mm	145 mm	80 mm	54 mm	32 mm
52 mm	195 mm	97 mm	67 mm	40 mm

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INSERT WITH CRIMPED END





Insert with crimped end are used primarily for assembly or fixing, for which less capacity is required.
The insert with crimped end is mounted to form with insert holder. It can be fitted with additional reinforcement for increased safety and strength.

The insert with crimped end is designed and manufactured in accordance with EU Machinery Directive 2006/42/EC and VDI/BV-BS 6205.The insert with crimped end meet the requirements for safe lifting and handling of concrete elements.

Surface treatment: Electro galvanised or A4 stainless steel
Material electro galvanised: S355J2 according to EN 10025
Material A4/A2 stainless steel : 1.4401/1.4301 according to EN 10088

INSERT SIZE	THREAD M	L	E	D	G
M12x60	12	60	22	15	10
M14x70	14	70	25	18	10
M16x77	16	77	27	21	13
M18x85	18	85	34	24	13
M20x92	20	92	35	27	15
M24x105	24	105	43	31	18
M30x145	30	145	56	40	22

CE Marked

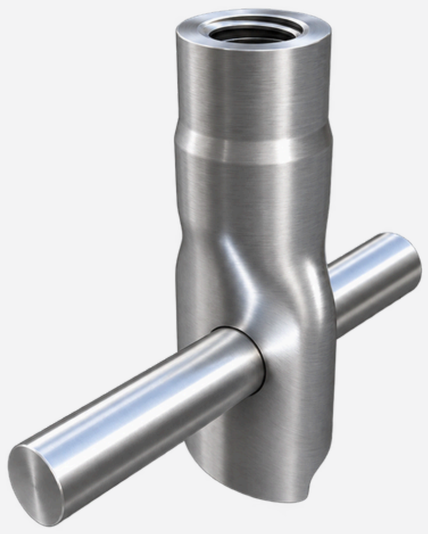
With traceability no

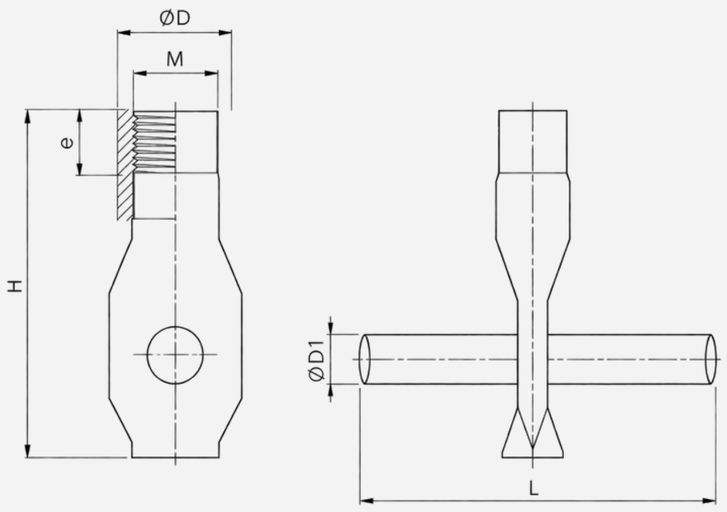
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INSERT WITH CROSS PIN AND CRIMPED END





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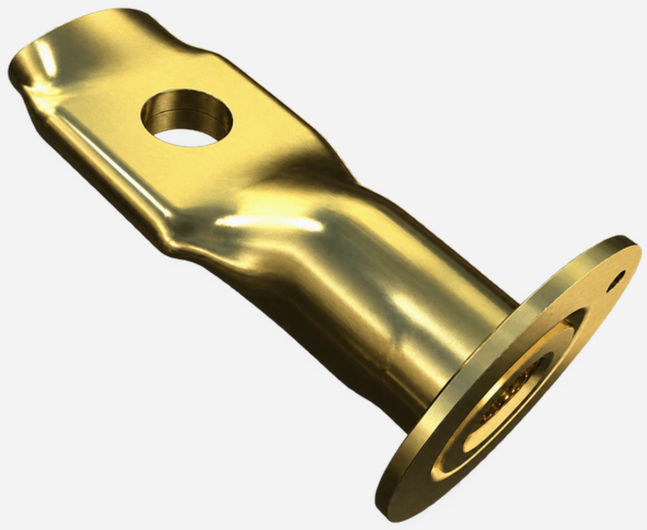
Insert with cross pin and crimped end provide a cost effective threaded fixing system in cast concrete.
The insert with cross pin and crimped ends are effective for a single point fixing where there are no tolerance.

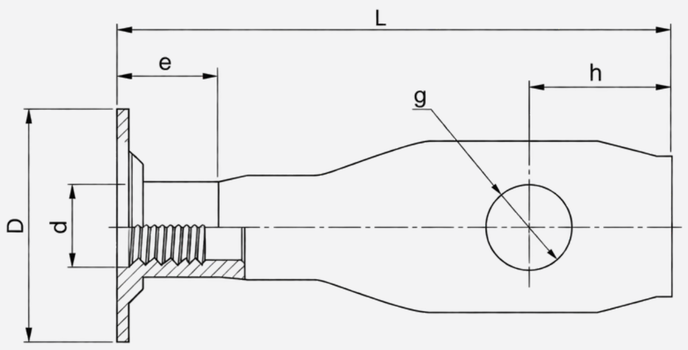
The insert with cross pin and crimped ends are designed and manufactured in accordance with EU Machinery Directive 2006/42/EC and VDI/BV-BS 6205.The insert with cross pin and crimped ends meet the requirements for safe lifting and handling of concrete elements.

Surface treatment: Plain, hot dip galvanized, eletro galvanising or A4/A2 stainless steel
Material plain, hot dip galvanized and electro galvanised: S355J2 according to EN10025
Material A4/A2 Stainless steel: 1.4301 / 1.4401 according to EN10088.

INSERT SIZE	SWL (KG)	THREAD M	D	H	E	D1	L
M 10x50	400 kg	M10	14	50	20	8	50
M12x60	500 kg	M12	15	60	25	10	60
M16x79	1200 kg	M16	21	79	32	12	80
M16x100	1200 kg	M16	21	100	45	12	100
M20x99	2000 kg	M20	27	99	37	14	100
M20x120	2000 kg	M20	27	120	45	14	100
M24x110	2500 kg	M24	31	110	40	14	100

INSERT CRIMPED END WITH FLANGE





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Insert crimped end with flange are designed for low capacities, mainly used for temporary fixing or no structural applications.

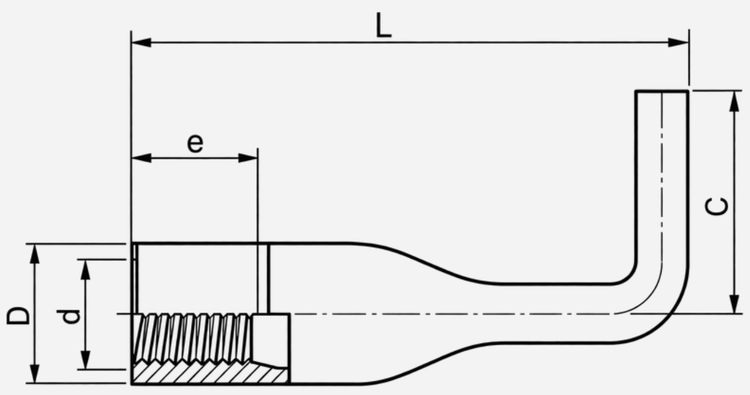
Insert crimped end with flanges are designed and manufactured in accordance with EU Machinery Directive 2006/42/EC and VDI/BV-BS 6205.The insert crimped end with flange meet the requirements for safe lifting and handling of concrete elements.

Surface treatment: Electro galvanised or A4 stainless steel
Material electro galvanised: S355J2 according to EN 10025
Material A4/A2 stainless steel : 1.4401/1.4301 according to EN 10088

INSERT SIZE	THREAD M	L	E	D
M10x50	10	50	10	34
M12x70	12	70	12	40
M16x100	16	100	16	44
M20x100	20	100	20	48
M24x120	24	120	24	52

90 DEGREES BENDED FIXING INSERT





Insert 90 degrees bended fixing insert are designed for low capacities, mainly used for temporary fixing or no structural applications.

Insert 90 degrees bended fixing inserts are designed and manufactured in accordance with EU Machinery Directive 2006/42/EC and VDI/BV-BS 6205.The Insert 90 degrees bended fixing inserts meet the requirements for safe lifting and handling of concrete elements.

Surface treatment: Electro galvanised or A4 stainless steel
Material electro galvanised: S355J2 according to EN 10025
Material A4/A2 stainless steel : 1.4401/1.4301 according to EN 10088

Surface treatment insert:
Material insert:
Material rod:

DESCRIPTION	THREAD M	L	D	E	C
M8x50	M8	50	11	8	20
M10x60	10	60	13	10	25
M12x45	12	45	16	12	25
M12x70	12	70	16	12	30
M16x60	16	60	22	16	30
M16x100	16	100	22	16	35
M20x70	20	70	27	20	30
M20x100	20	100	27	20	35
M24x80	24	80	32	24	35

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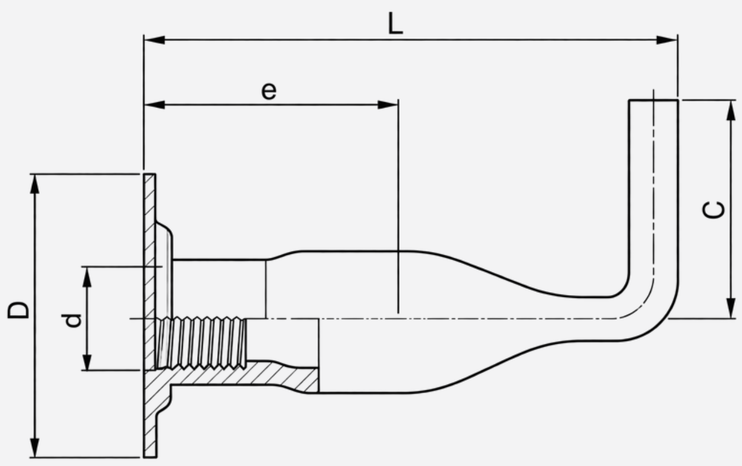
INSERT 90 DEGREES BENDED WITH FLANGE



nsert 90 degrees bended with flanges are designed for low capacities, mainly used for temporary fixing or no structural applications.

Insert 90 degrees bended with flange are designed and manufactured in accordance with EU Machinery Directive 2006/42/EC and VDI/BV-BS 6205.The Insert 90 degrees bended with flange meet the requirements for safe lifting and handling of concrete elements.

Surface treatment: Electro galvanised or A4 stainless steel
Material electro galvanised: S355J2 according to EN 10025
Material A4/A2 stainless steel : 1.4401/1.4301 according to EN 10088



INSERT SIZE	THREAD M	L	E	D	C
M10x50	10	50	10	34	20
M12x70	12	70	12	40	30
M16x100	16	100	16	44	35
M20x100	20	100	20	48	35
M24x120	24	120	24	52	40

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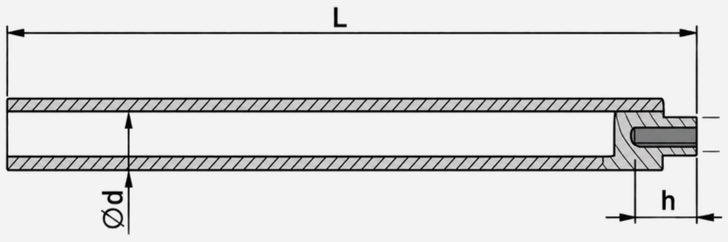


SQUARE LIFTING ANCHOR

The square lifting anchor is with inner threaded sockets, equipped with ribbed steel bars for anchoring.

The square lifting anchors are designed and manufactured in accordance with EU Machinery Directive 2006/42/EC and VDI/BV-BS 6205.The square lifting anchor meet the requirements for safe lifting and handling of concrete elements.

Surface treatment insert: electro galvanized
Material insert: S235J2 / EN 10025-2
Material rebar: B500NC / NS3576-3:2012

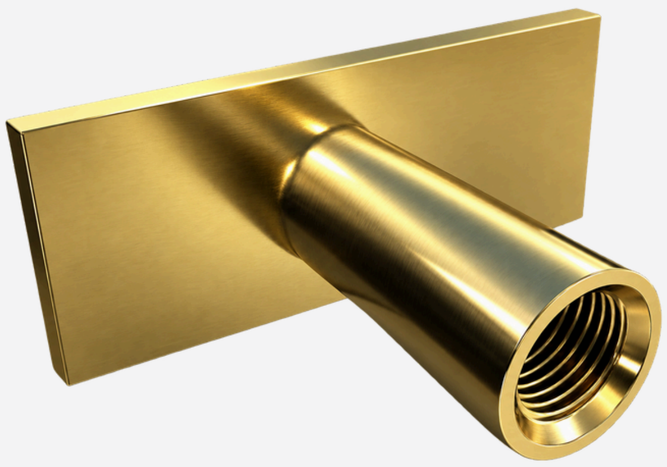


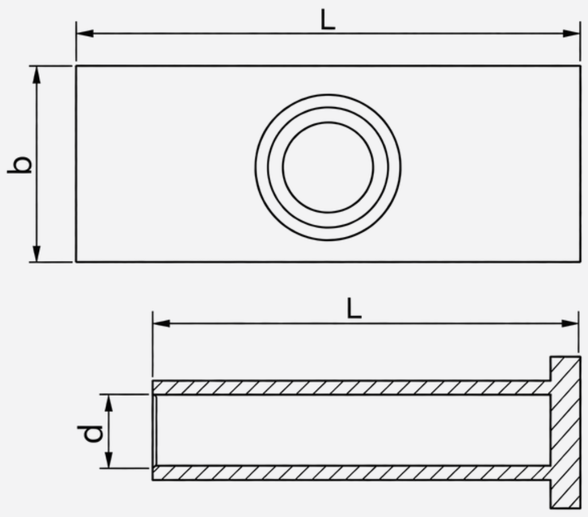
THREAD	LOAD	L	W	H	DIA D
12 mm	1.3 T	300 mm	18 mm	25 mm	12 mm
16 mm	2.5 T	400 mm	22 mm	25 mm	12 mm
20 mm	4 T	500 mm	30 mm	30 mm	12 mm
24 mm	5 T	580 mm	32 mm	40 mm	16 mm

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Parts for building and industrial use

PLATE INSERT ANCHOR





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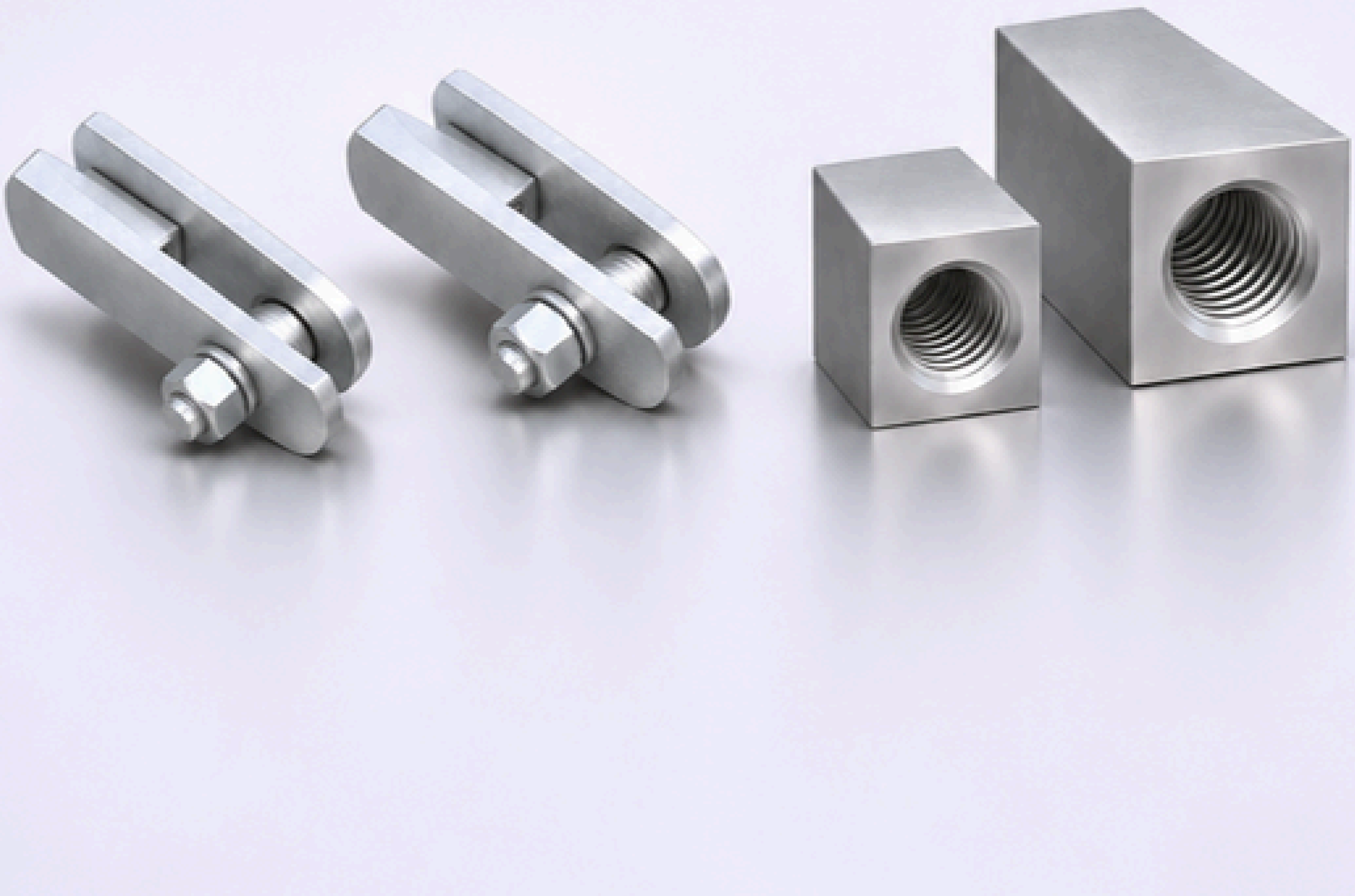
Plate insert anchors consist of steel tube with inner thread which is welded to a flat steel plate.

Plate insert anchors are available in two materials.

Plate lifting anchors are designed and manufactured in accordance with EU Machinery Directive 2006/42/EC and VDI/BV-BS 6205. The plate insert anchors meet the requirements for safe lifting and handling of concrete elements.

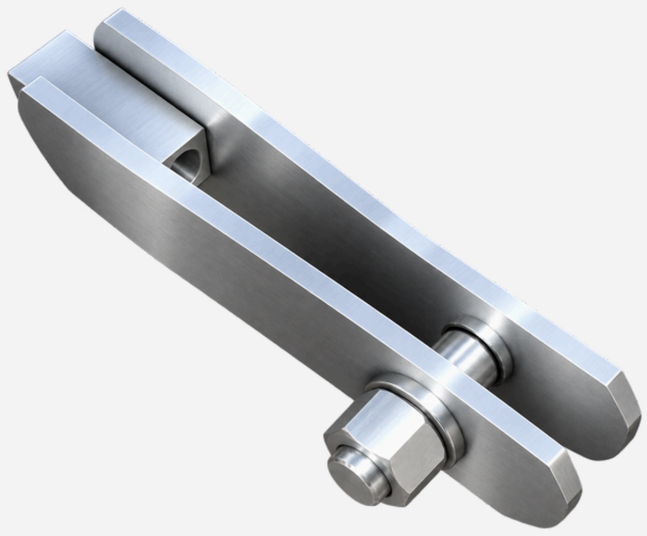
Surface treatment insert: Electro galvanised or A4 stainless steel
Material electro galvanised: S355J2 according to EN 10025
Material A4/A2 stainless steel : 1.4401/1.4301 according to EN 10088

DIA M	L	D	B	A	SURFACE
12 mm	55 mm	17 mm	30 mm	80 mm	Galvanized
16 mm	55 mm	22 mm	35 mm	80 mm	Galvanized
16 mm	75 mm	22 mm	35 mm	80 mm	Galvanized
20 mm	76 mm	27 mm	40 mm	100 mm	Galvanized
20 mm	86 mm	27 mm	40 mm	100 mm	Galvanized
24 mm	86 mm	32 mm	50 mm	120 mm	Galvanized
30 mm	98 mm	40 mm	60 mm	140 mm	Galvanized
12 mm	55 mm	16 mm	40 mm	80 mm	A4/A2
16 mm	55 mm	22 mm	40 mm	80 mm	A4/A2
20 mm	76 mm	26 mm	40 mm	100 mm	A4/A2
24 mm	76 mm	32 mm	50 mm	120 mm	A4/A2



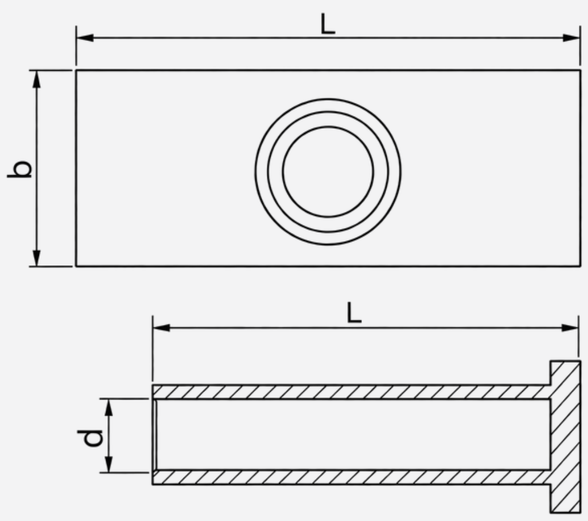
THREAD SYSTEM

FORK HEAD



Fork head belonging to our tension rod system. The fork head is supplied including the locking bolt.

Surface treatment insert: Plain, Hot dip galvanized, Electro galvanised or A4/A2 Stainless steel
Material plain, hot dip galvanized and electro galvanised: S355J2 according to EN10025
Material A4/A2 Stainless steel: 1.4301 / 1.4401 according to EN10088.



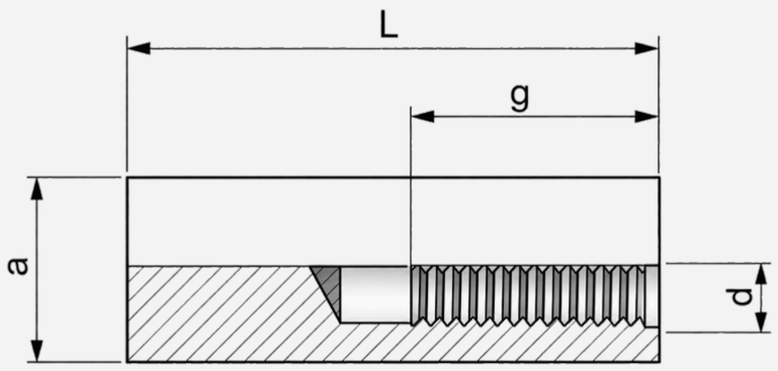
DESCRIPTION	S	L	L1	A	G	W	C
M16	22 mm	202 mm	60 mm	42 mm	18 mm	50 mm	14 mm
M20	30 mm	212 mm	70 mm	42 mm	22 mm	60 mm	14 mm
M24	32 mm	230 mm	80 mm	50 mm	22 mm	60 mm	14 mm
M30	45 mm	265 mm	100 mm	50 mm	29 mm	80 mm	18 mm

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Parts for building and industrial use

THREADED SQUARE SLEEVE





Threaded square sleeve can be used to join threaded bars or be embedded in concrete elements for connection.

Threaded square sleeves are designed and manufactured in accordance with EU Machinery Directive 2006/42/EC and VDI/BV-BS 6205. Threaded square sleeve meet the requirements for safe lifting and handling of concrete elements.

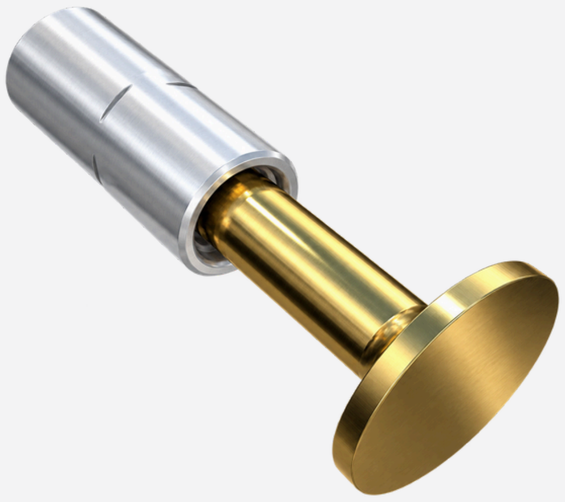
Surface treatment: Electro galvanised or A4 stainless steel
Material electro galvanised: S355J2 according to EN 10025
Material A4/A2 stainless steel : 1.4401/1.4301 according to EN 10088

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DIA M	L	A	D
10 mm	50 mm	18 mm	10 mm
12 mm	50 mm	18 mm	12 mm
16 mm	60 mm	22 mm	16 mm
20 mm	70 mm	30 mm	20 mm
24 mm	80 mm	32 mm	24 mm
27 mm	90 mm	40 mm	27 mm
30 mm	100 mm	45 mm	30 mm
33 mm	115 mm	50 mm	33 mm
36 mm	115 mm	55 mm	36 mm

BOLT ANCHOR

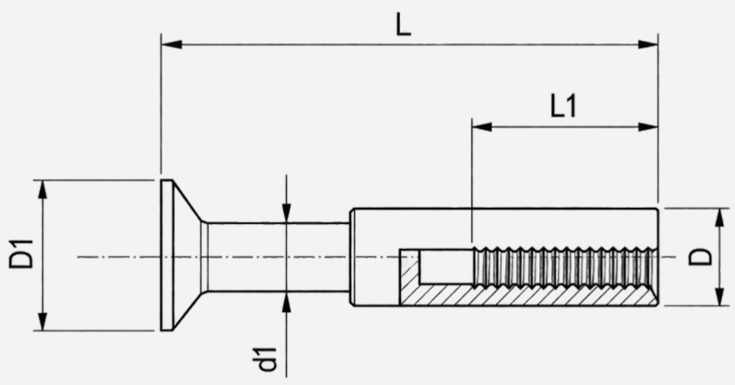
COMBI ANCHOR



Combi anchor are used for lifting various sizes of precast concrete panels. The insert and lifting rod are connected by thread, to increase load ability.

The combi anchors are designed and manufactured in accordance with EU Machinery Directive 2006/42/EC and VDI/BV-BS 6205. The combi anchors meet the requirements for safe lifting and handling of concrete elements.

Surface treatment insert: Electro galvanised or A4 Stainless steel
Material insert: S355J2 or A4 Stainless steel
Material rod: S355J2.



- CE Marked
- With traceability no
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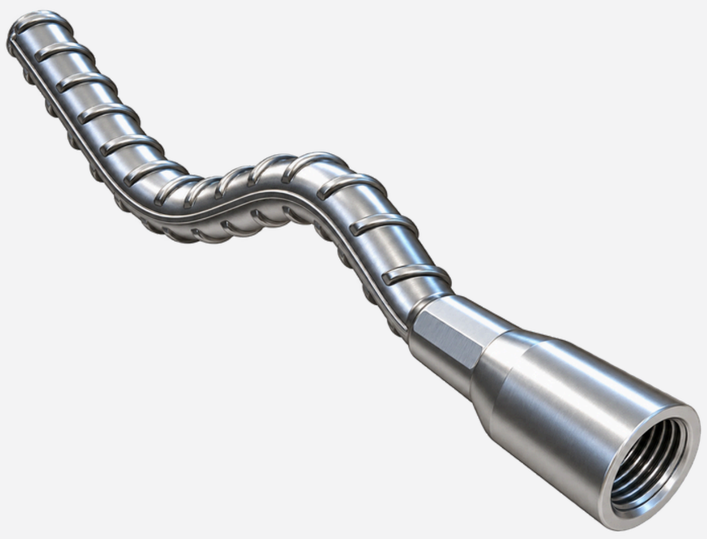
DIA M	LOAD	L	L1	D1	D
12 mm	1.3 T	70 mm	45 mm	25 mm	17 mm
12 mm	1.3 T	100 mm	45 mm	25 mm	17 mm
16 mm	2.5 T	75 mm	58 mm	35 mm	22 mm
16 mm	2.5 T	100 mm	58 mm	35 mm	22 mm
16 mm	2.5 T	140 mm	58 mm	35 mm	22 mm
20 mm	4 T	90 mm	74 mm	45 mm	27 mm
20 mm	4 T	180 mm	74 mm	45 mm	27 mm
24 mm	5 T	110 mm	87 mm	50 mm	32 mm
24 mm	5 T	200 mm	87 mm	50 mm	32 mm
30 mm	7.5 T	155 mm	101 mm	60 mm	39 mm
30 mm	7.5 T	240 mm	101 mm	60 mm	39 mm

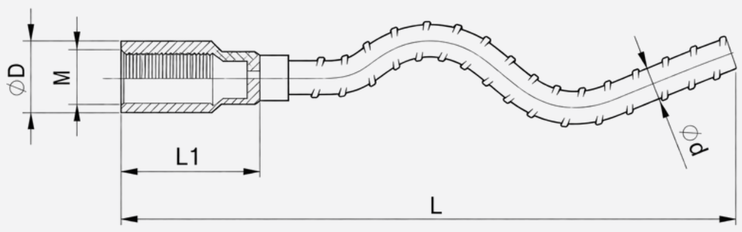


REBAR SYSTEM

HANYANG GROUP
Parts for building and industrial use

THREADED TRANSPORT ANCHOR / SHORT WAVY TAIL (FEMALE)





The threaded transport anchor / short wavy tail is with inner threaded sockets, equipped with ribbed steel bars for anchoring.

The threaded transport anchors are designed and manufactured in accordance with EU Machinery Directive 2006/42/EC and VDI/BV-BS 6205.The treaded transport anchors meet the requirements for safe lifting and handling of concrete elements.

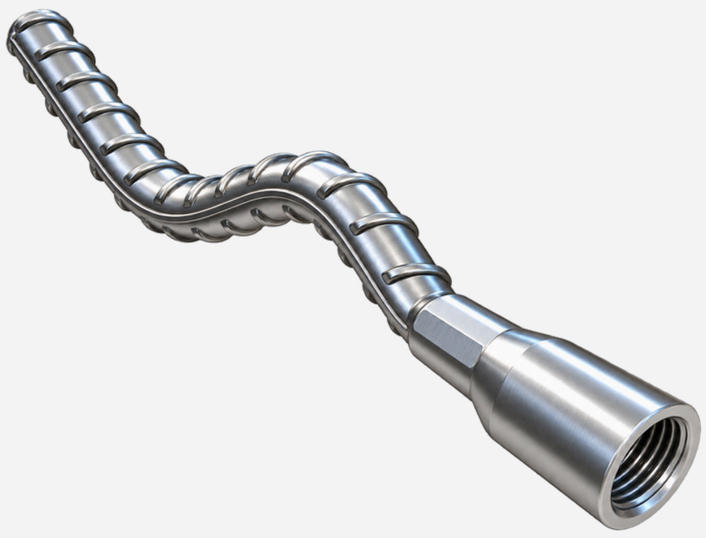
Surface treatment rebar: Untreated
Surface treatment insert: Galvanized
Material: Rebar K500C-T and SBS-approved.

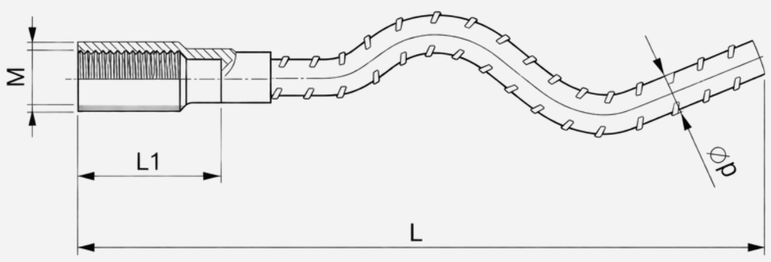
LIFTING PART	M	D	L1	L	DIA STEEL
12x108	12 mm	15 mm	22 mm	108 mm	8 mm
14x130	14 mm	18 mm	25 mm	130 mm	10 mm
16x167	16 mm	21 mm	27 mm	167 mm	12 mm
18x175	18 mm	24 mm	34 mm	175 mm	14 mm
20x187	20 mm	27 mm	35 mm	187 mm	14 mm
24x240	24 mm	31 mm	43 mm	240 mm	16 mm
30x300	30 mm	40 mm	56 mm	300 mm	20 mm

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THREADED TRANSPORT ANCHOR / LONG WAVY TAIL (FEMALE)





The threaded transport anchor / long wavy tail is with inner threaded sockets, equipped with ribbed steel bars for anchoring.

The threaded transport anchors are designed and manufactured in accordance with EU Machinery Directive 2006/42/EC and VDI/BV-BS 6205.The treaded transport anchors meet the requirements for safe lifting and handling of concrete elements.

Surface treatment rebar: Untreated
Surface treatment insert: Galvanized
Material: Rebar K500C-T and SBS-approved.

LIFTING PART	M	D	L1	L	DIA STEEL
12x137	12 mm	15 mm	22 mm	137 mm	8 mm
14x170	14 mm	18 mm	25 mm	170 mm	10 mm
16x216	16 mm	21 mm	27 mm	216 mm	12 mm
18x235	18 mm	24 mm	34 mm	235 mm	14 mm
20x257	20 mm	27 mm	35 mm	257 mm	14 mm
24x360	24 mm	31 mm	43 mm	360 mm	16 mm
30x450	30 mm	40 mm	56 mm	450 mm	20 mm
36x570	36 mm	47 mm	68 mm	570 mm	25 mm
42x620	42 mm	54 mm	80 mm	620 mm	28 mm
52x880	52 mm	67 mm	100 mm	880 mm	32 mm

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Parts for building and industrial use

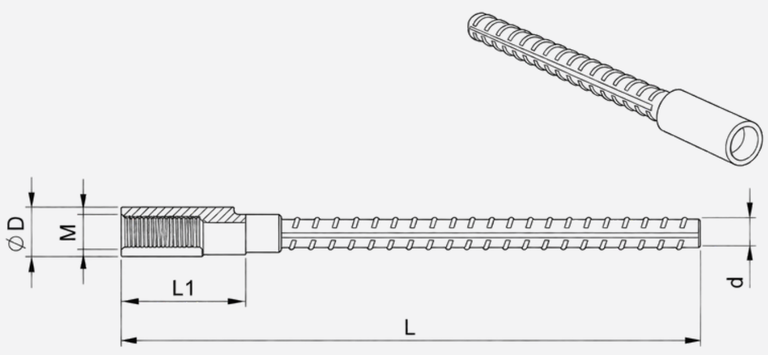
THREADED TRANSPORT ANCHOR / STRAIGHT TAIL (FEMALE)



The threaded transport anchor / straight tail is with inner threaded sockets, equipped with ribbed steel bars for anchoring.

The threaded transport anchors are designed and manufactured in accordance with EU Machinery Directive 2006/42/EC and VDI/BV-BS 6205.The treaded transport anchors meet the requirements for safe lifting and handling of concrete elements.

Surface treatment rebar: Untreated
Surface treatment insert: Galvanized
Material: Rebar K500C-T and SBS-approved.

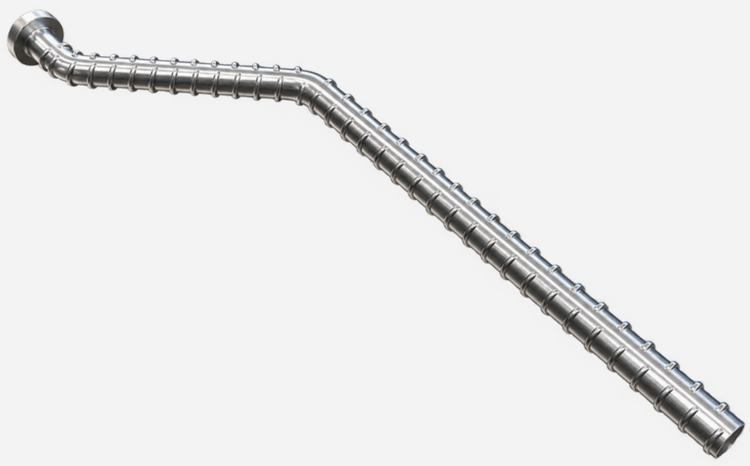


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LIFTING PART	M	D	L1	L	DIA STEEL
12x195	12 mm	15 mm	22 mm	195 mm	8 mm
14x235	14 mm	18 mm	25 mm	235 mm	10 mm
16x275	16 mm	21 mm	27 mm	275 mm	12 mm
18x305	18 mm	22 mm	34 mm	305 mm	14 mm
20x360	20 mm	27 mm	35 mm	360 mm	14 mm
24x400	24 mm	31 mm	43 mm	400 mm	16 mm
36x690	36 mm	47 mm	68 mm	690 mm	25 mm
42x840	42 mm	54 mm	80 mm	840 mm	28 mm
52x950	52 mm	67 mm	97 mm	950 mm	32 mm
20x1500	20 mm	27 mm	35 mm	1500 mm	14 mm
24x1600	24 mm	31 mm	43 mm	1600 mm	16 mm
30x1900	30 mm	40 mm	56 mm	1900 mm	20 mm

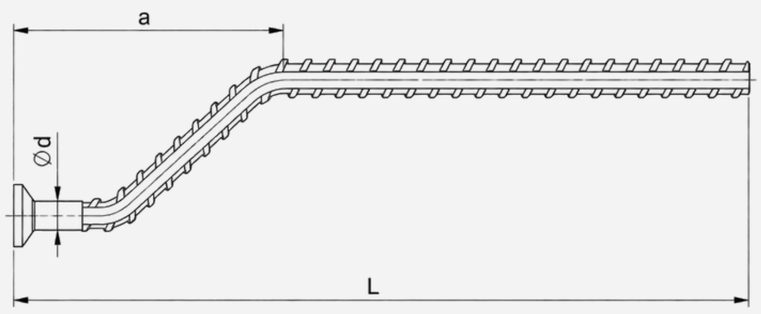
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Parts for building and industrial use

REBAR ROD ANCHOR BENDED



Rebar rod anchor bended for lifting, transport and handeling of sandwichelements.
Rebar rod anchor bended are designed and manufactured in accordance with EU Machinery Directive 2006/42/EC and VDI/BV-BS 6205. The rebar rod anchor bended meet the requirements for safe lifting and handling of concrete elements.

Surface treatment: Hot deep galv.
Material: HRB400 equal to GB 1499-2 (K400B)



LOAD	D	D1	L1	B	L
2.5 T	25 mm	14 mm	10 mm	144 mm	388 mm
5.0 T	36 mm	20 mm	13 mm	190 mm	565 mm
7.5 T	46 mm	25 mm	17 mm	260 mm	734 mm
10 T	46 mm	25 mm	17 mm	320 mm	854 mm
15 T	69 mm	34 mm	27 mm	320 mm	1065 mm

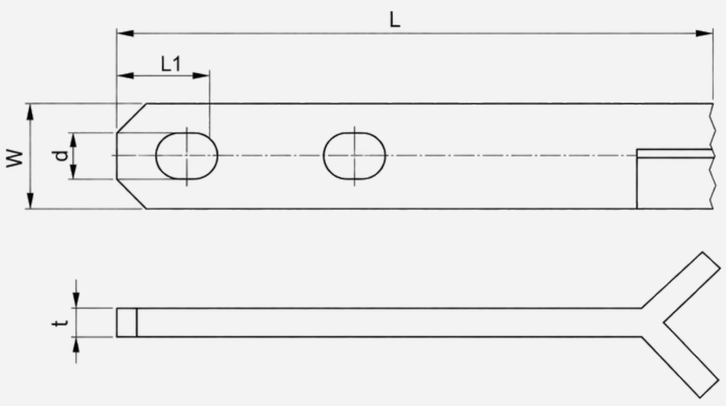
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ERACTION ANCHOR

SPREAD ANCHOR





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pread anchor is used for loads from 0.7 up to 22.0 t and for use in both thin panels and plates.

The head of the spread anchor has a hole in which the locking bolt of the lifting eye is mounted and the other holes are for further reinforcement.

The spread anchors are designed and manufactured in accordance with EU Machinery Directive 2006/42/EC and VDI/BV-BS 6205. The spread anchors meet the requirements for safe lifting and handling of concrete elements.

Surface treatment: plain, hot dip galvanized, electro galvanised or A4 stainless steel
Material electro galvanised: S355J2 according to EN 10025
Material A4/A2 stainless steel : 1.4401/1.4301 according to EN 10088

T	L	W	D	T
1.4 T	110 mm	30 mm	14 mm	6 mm
1.4 T	130 mm	30 mm	14 mm	6 mm
1.4 T	160 mm	30 mm	14 mm	6 mm
1.4 T	210 mm	30 mm	14 mm	6 mm
2.5 T	150 mm	30 mm	14 mm	10 mm
2.5 T	200 mm	30 mm	14 mm	10 mm
2.5 T	250 mm	30 mm	14 mm	10 mm
3.0 T	160 mm	40 mm	18 mm	10 mm
3.0 T	200 mm	40 mm	18 mm	10 mm
3.0 T	280 mm	40 mm	18 mm	10 mm
4.0 T	180 mm	40 mm	18 mm	12 mm
4.0 T	240 mm	40 mm	18 mm	12 mm
4.0 T	320 mm	40 mm	18 mm	12 mm
5.0 T	180 mm	40 mm	18 mm	15 mm
5.0 T	240 mm	40 mm	18 mm	15 mm
5.0 T	400 mm	40 mm	18 mm	15 mm
5.3 T	220 mm	60 mm	26 mm	12 mm
5.3 T	260 mm	60 mm	26 mm	12 mm

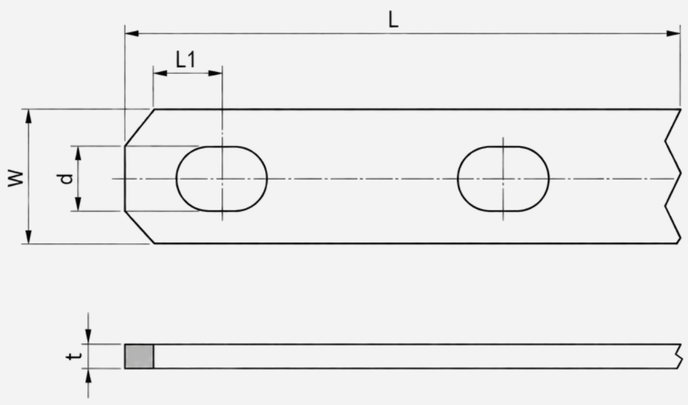
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Parts for building and industrial use

ERACTION ANCHOR

5.3 T	340 mm	60 mm	26 mm	12 mm
7.5 T	260 mm	60 mm	26 mm	16 mm
7.5 T	300 mm	60 mm	26 mm	16 mm
7.5 T	420 mm	60 mm	26 mm	16 mm
10.0 T	300 mm	60 mm	26 mm	20 mm
10.0 T	370 mm	60 mm	26 mm	20 mm
10.0 T	520 mm	60 mm	26 mm	20 mm
14.0 T	370 mm	80 mm	35 mm	20 mm
14.0 T	460 mm	80 mm	35 mm	20 mm
22.0 T	500 mm	80 mm	35 mm	26 mm
22.0 T	620 mm	80 mm	35 mm	26 mm

TWO HOLE ANCHOR





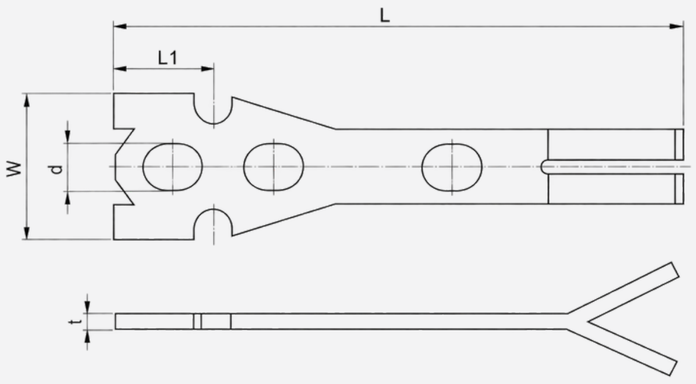
Two hole anchors are constructed and manufactured for lifting, transport and handling.
Two hole anchors are designed and manufactured in accordance with EU Machinery Directive 2006/42/EC and VDI/BV-BS 6205.The two hole anchors meet the requirements for safe lifting and handling of concrete elements.

Surface treatment: plain, hot dip galvanized or electro galvanized
Material: S355 J

T	L	W	D	T
1.4 T	90 mm	30 mm	14 mm	6 mm
2.5 T	90 mm	30 mm	14 mm	10 mm
3.0 T	120 mm	40 mm	18 mm	10 mm
4.0 T	120 mm	40 mm	18 mm	12 mm
5.0 T	120 mm	40 mm	18 mm	15 mm
7.5 T	160 mm	60 mm	26 mm	16 mm
10.0 T	165 mm	60 mm	26 mm	20 mm
14.0 T	240 mm	80 mm	35 mm	20 mm
22.0 T	300 mm	90 mm	35 mm	30 mm
26.0 T	300 mm	120 mm	35 mm	30 mm

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ERECTION ANCHOR, DOUBLE-SIDED

Erection anchors double-sided are constructed for lifting, transportation and handling of precast elements and slabs.

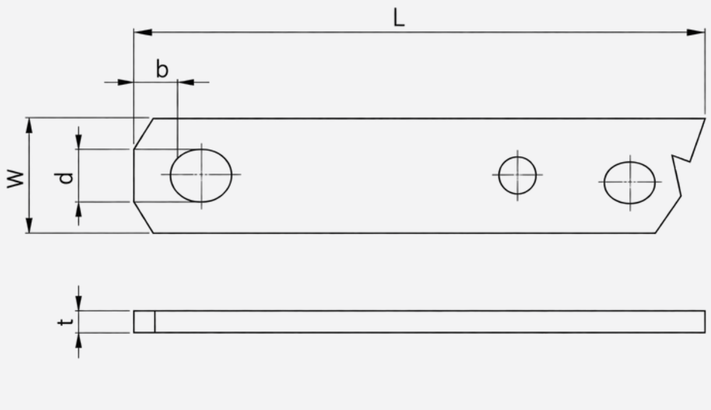
The double sided erection anchor gives the option to lift the element in to directions and tipping panels from horizontal to vertical position.

The double sided erection anchors are designed and manufactured in accordance with EU Machinery Directive 2006/42/EC and VDI/BV-BS 6205.The double sided erection anchros meet the requirements for safe lifting and handling of concrete elements.

Surface treatment: plain, hot dip galvanized, electro galvanised or A4 Stainless steel
Material: S355J2 or A4 Stainless steel

OAD GROUP	T	W	D	L1	L
12.5 T	20 mm	148 mm	36 mm	90 mm	500 mm
17.5 T	25 mm	148 mm	36 mm	90 mm	500 mm
22.0 T	30 mm	148 mm	40 mm	90 mm	500 mm





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SANDWICH ANCHOR

Sandwich anchors are specially designed for use in prefabricated sandwich panels for lifting, transportation and handling

Sandwich anchors are designed and manufactured in accordance with EU Machinery Directive 2006/42/EC and VDI/BV-BS 6205.The sandwich anchors meet the requirements for safe lifting and handling of concrete elements.

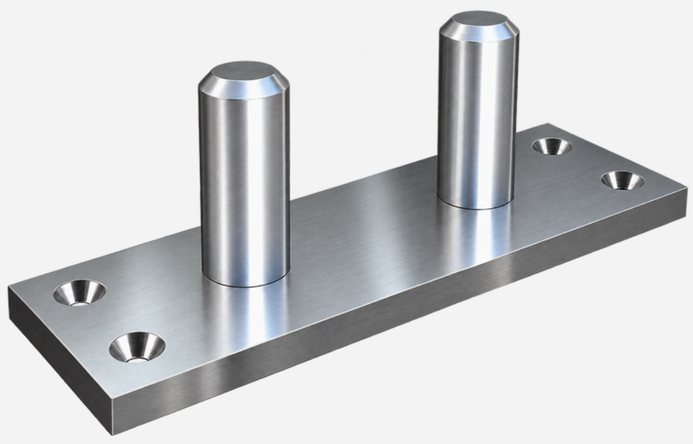
Material: Steel S355JS
Marking: Load group + starcon, batch code, CE.
Working temperature: 200° C
Surface treatment: Black or hot dip galvanized.

Material: S355J2
Surface treatment: Plain, hot dip galvanized and electro galvanized.

LOAD GROUP	L	W	T
2,5 T	200 mm	40 mm	10 mm
5,0 T	300 mm	60 mm	15 mm
7,5 T	350 mm	80 mm	16 mm
10,0 T	350 mm	80 mm	20 mm

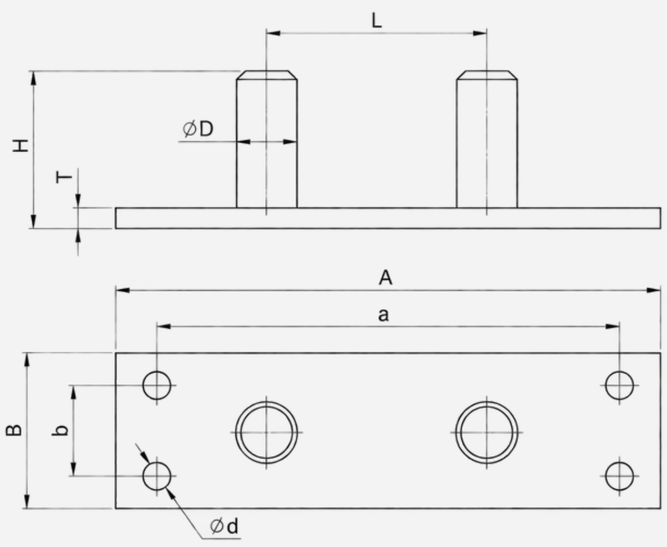
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HOLDING PLATE



Holding plate for recess former are used for hold the hole anchor in place during casting.
The recess former protects the anchor from concrete so that the lifting clutch can hooked on the anchor.
Holding plates are designed and manufactured in accordance with EU Machinery Directive 2006/42/EC and VDI/BV-BS 6205.The holding plates meet the requirements for safe lifting and handling of concrete elements.

Material: S355J2 according to EN 10025



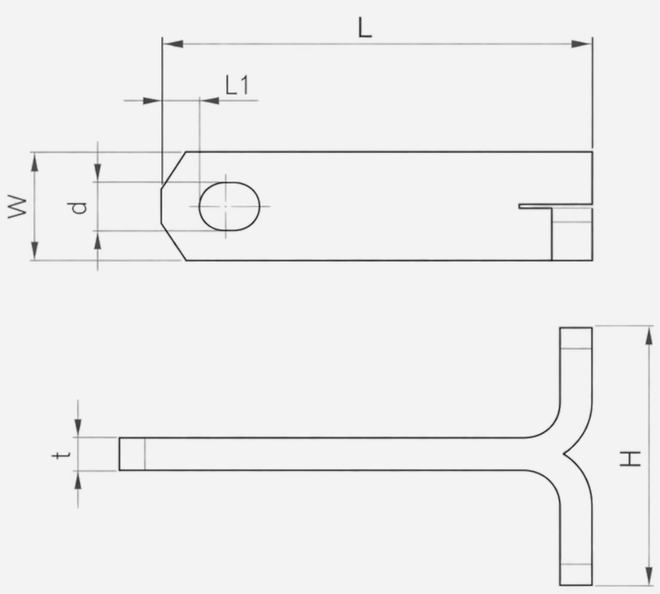
T	L	B	H	CC
2,5 T	70 mm	15 mm	18 mm	29 mm
5,0 T	85 mm	30 mm	25 mm	34 mm
7,5-10,0 T	125 mm	45 mm	40 mm	48 mm
12,5-14,0 T	160 mm	50 mm	43 mm	65 mm
12,5-26,0 T	175 mm	65 mm	61 mm	69 mm

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SPLIT ANCHOR





Split anchor is suitable for lifting plates. The head of the anchor is designed with at hole in which the locking bolt of the lifting eye is mounted.

The split anchors are available in two materials.

Split anchors are designed and manufactured in accordance with EU Machinery Directive 2006/42/EC and VDI/BV-BS 6205. The split anchors meet the requirements for safe lifting and handling of concrete elements.

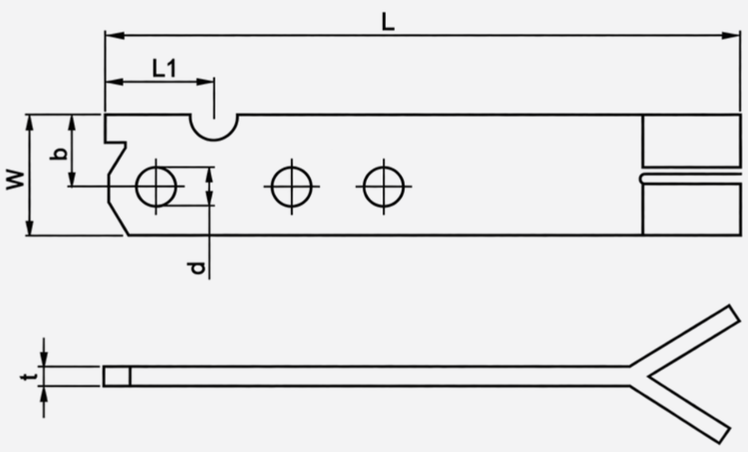
Surface treatment insert: Electro galvanised or A4 stainless steel
Material electro galvanised: S355J2 according to EN 10025
Material A4/A2 stainless steel : 1.4401/1.4301 according to EN 10088

T	L	W	T	H
0,7 T	65 mm	30 mm	5 mm	70 mm
1,4 T	65 mm	30 mm	6 mm	70 mm
2,0 T	70 mm	30 mm	8 mm	80 mm
2,5 T	75 mm	30 mm	10 mm	94 mm
3,0 T	90 mm	40 mm	10 mm	100 mm
4,0 T	110 mm	40 mm	12 mm	100 mm
5,0 T	125 mm	40 mm	15 mm	105 mm
7,5 T	170 mm	60 mm	16 mm	120 mm
10,0 T	200 mm	60 mm	20 mm	120 mm
12,5 T	220 mm	80 mm	16 mm	200 mm
17,0 T	270 mm	80 mm	20 mm	200 mm
22,0 T	310 mm	80 mm	28 mm	200 mm

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ERECTION ANCHOR, ONE-SIDED





Erection anchors one-sided are constructed for lifting, transportation and handling of precast elements and slabs.

The one sided erection anchor gives the option to lift the element in to directions and tipping panels from horizontal to vertical position.

The one sided erection anchors are designed and manufactured in accordance with EU Machinery Directive 2006/42/EC and VDI/BV-BS 6205.The one sided erection anchros meet the requirements for safe lifting and handling of concrete elements.

Surface treatment: plain, hot dip galvanized, electro galvanised or A4 Stainless steel
Material: S355J2 or A4 Stainless steel

LOAD GROUP	L	W	T	L1
1,4 T	200 mm	40 mm	6 mm	42,5 mm
2,5 T	230 mm	40 mm	10 mm	42,50 mm
4,0 T	270 mm	55 mm	12 mm	50,5 mm
5,0 T	290 mm	55 mm	15 mm	50,50 mm
7,5 T	320 mm	80 mm	15 mm	78 mm
10,0 T	390 mm	80 mm	20 mm	78 mm
12,5 T	500 mm	115 mm	20 mm	78 mm
17,0 T	500 mm	115 mm	25 mm	88,5 mm
22,0 T	500 mm	115 mm	30 mm	88,5 mm

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LIFTING LOOPS

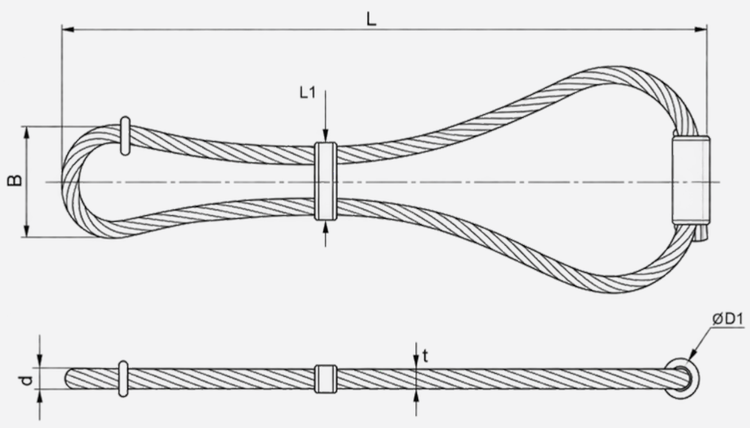
STANDARD WIRE LOOP



Standard wire loops are a lifting systems designed for lifting precast concrete units where the lifting points will be hidden once installed in its final position.

The standard wire loops are designed and manufactured in accordance with EU Machinery Directive 2006/42/EC and VDI/BV-BS 6205.The standard wire loops meet the requirements for safe lifting and handling of concrete elements.

Surface treatment: Electro galvanised or A4 Stainless steel
Material insert: S355J2 or A4 Stainless steel

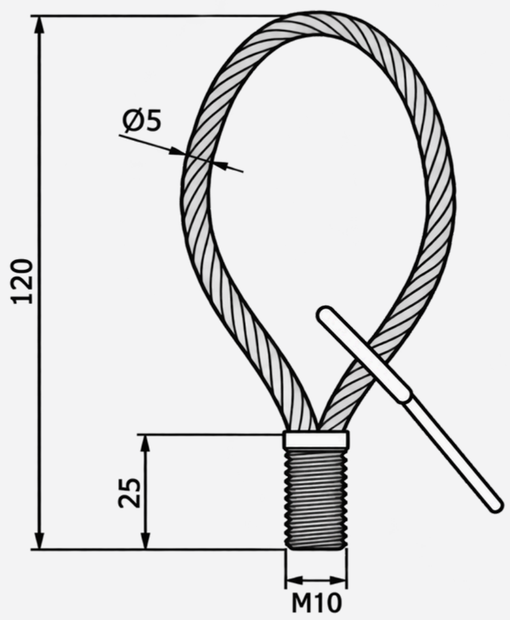


PART NO	DESCRIPTION	H	B	D
127327	0.8 T	200 mm	85 mm	6 mm
127328	1.2 T	225 mm	90 mm	7 mm
127329	1.6 T	245 mm	100 mm	8 mm
127330	2.0 T	265 mm	125 mm	9 mm
127331	2.5 T	285 mm	140 mm	10 mm
127332	4.0 T	345 mm	160 mm	12 mm
127333	5.2 T	390 mm	180 mm	14 mm
127334	6.3 T	415 mm	210 mm	16 mm
127335	8.0 T	460 mm	220 mm	18 mm
127336	10.0 T	510 mm	250 mm	20 mm
127337	12.5 T	570 mm	280 mm	22 mm
127338	16.0 T	640 mm	295 mm	24 mm
127339	20.0 T	715 mm	320 mm	28 mm
127340	25.0 T	800 mm	380 mm	30 mm

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LIFTING LOOP





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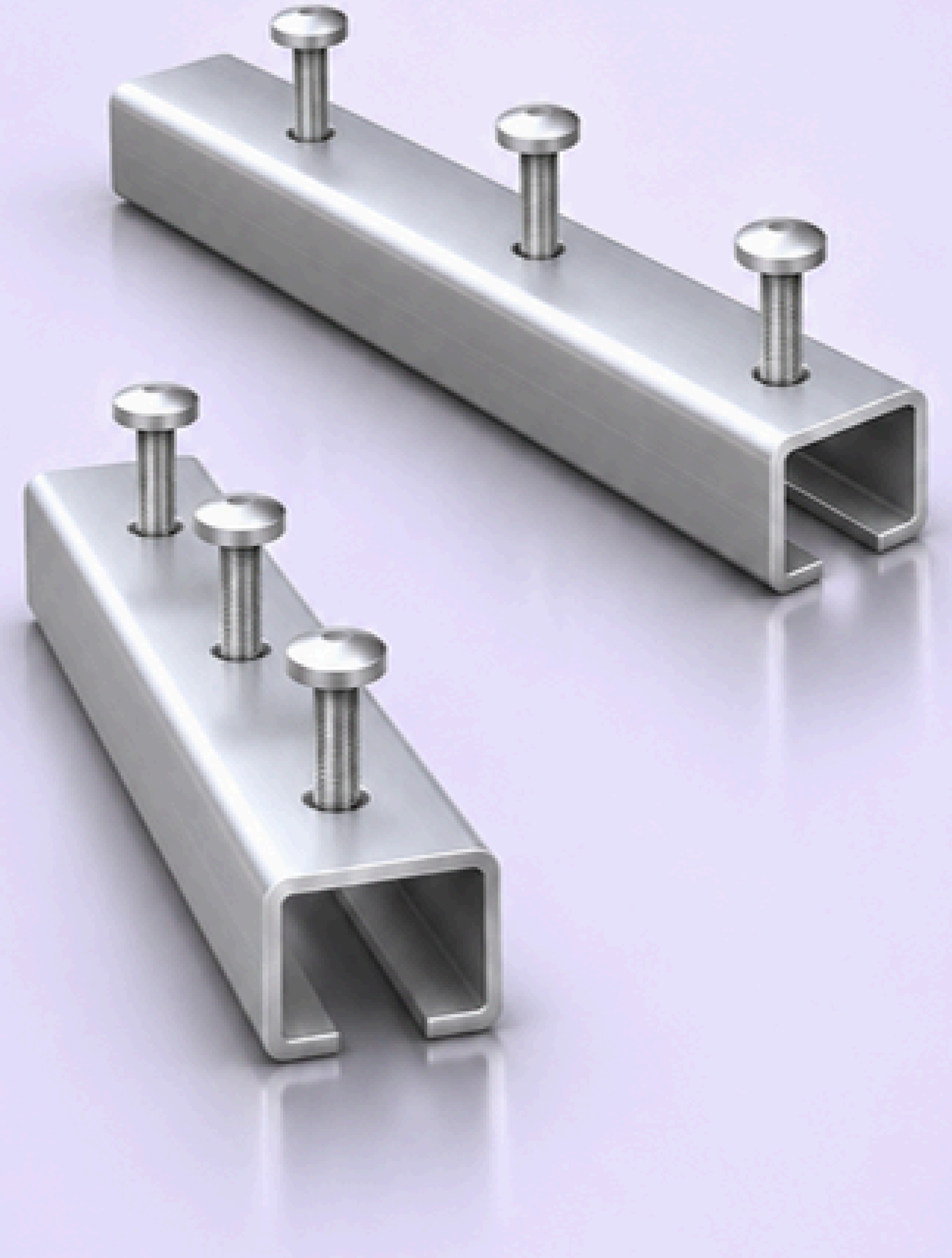
Lifting loops are a lifting system designed for lifting precast concrete units where the lifting points will be hidden once installed in its final position.

The lifting loops are designed and manufactured in accordance with EU Machinery Directive 2006/42/EC and VDI/BV-BS 6205. The standard wire loops meet the requirements for safe lifting and handling of concrete elements.

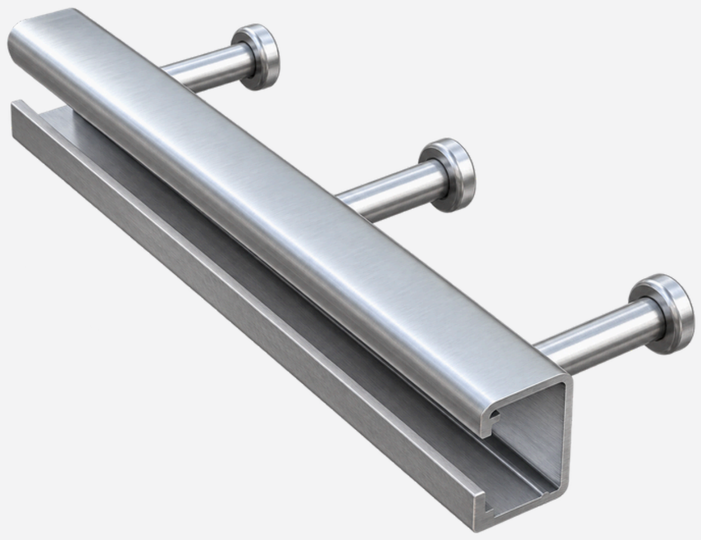
Surface treatment: Electro galvanised or A4 Stainless steel

Material insert: S355J2 or A4 Stainless steel

SIZE	H1	H2	ΦD	L	SWL (TON)
M12	32	20	6	155	0.5
M14	40	22	7	155	0.8
M16	40	23	8	155	1.2
M18	50	28	9	190	1.6
M20	50	31	10	215	2.0
M24	60	38	12	255	2.5
M30	85	50	16	300	4.0
M36	90	60	18	340	6.3
M42	100	68	20	425	8.0
M52	110	86	26	550	12.5



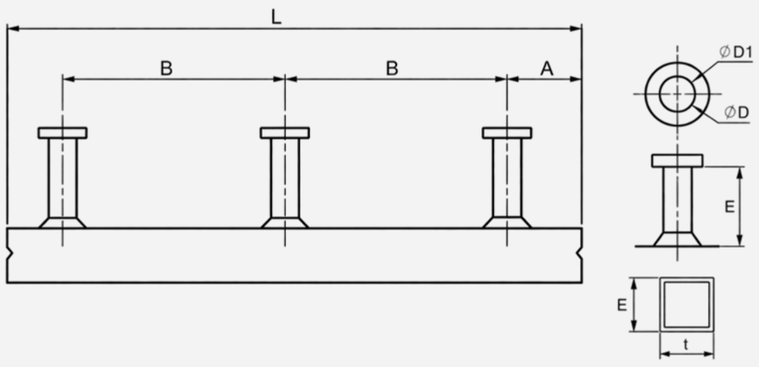
CHANNEL SYSTEM



CAST-IN CHANNELS

Channels are a range of rolled steel profiles designed to provide secure fixings into concrete .
The channels are rectangular in section and bonded to the concrete by anchors . Each channel is complemented by matching T-head bolts .
Surface treatment: hot dip galvanizing, pre-galvanized and stainless steel.
Material insert: Serval versions, cold rolled, hot rolled and stainless steel.

ESCRIPTION	REF. NO.	SWL (KG)	D	D	L	F	E	G
Tekst	0	1 kg	10	10	30	40	50	60



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Parts for building and industrial use

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