

Catalog

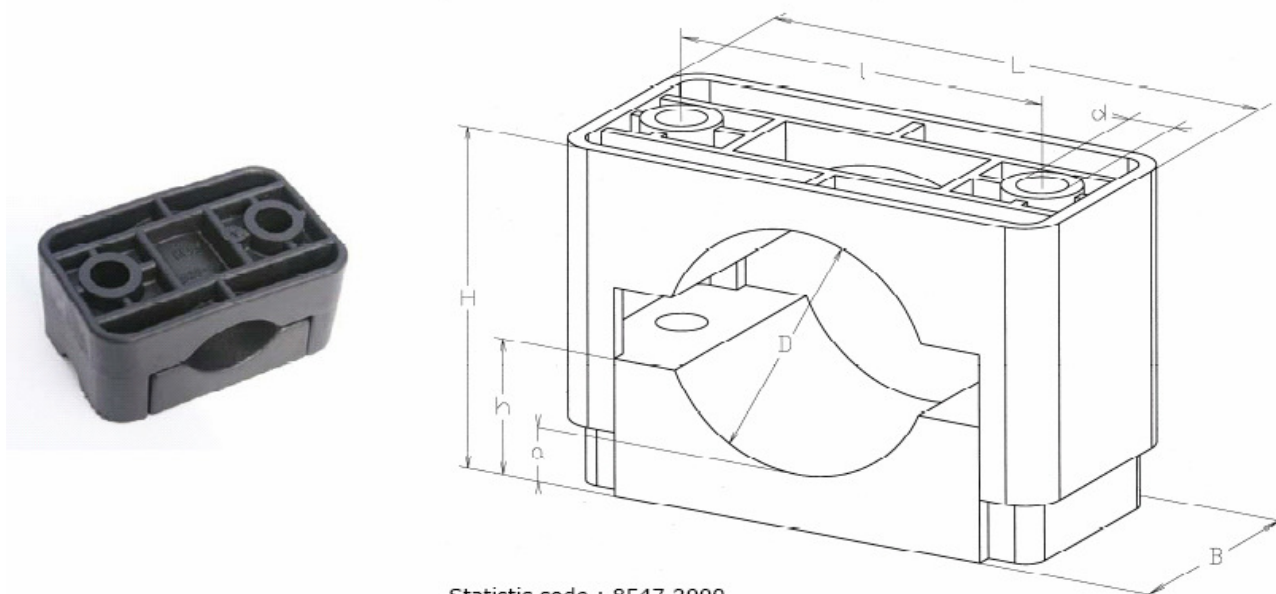
KOZ Cable clamps and Universal blocks



Due to our continued effort to advance technology , product specifications are subject to change without notice.

KOZ Cable clamps Series ST

Mechanical strenght from 25.400 N. to more than 84.000 N



Statistic code : 8547.2000

Dimensions in mm , standard packaging in cardboard boxes per 50 pieces and for type 75-100 and 100-130 per 25 pieces.

Type	D	L	B	l	d Ø	H	h	a	Kg.	Mech. strenght
KOZ ST 18-26	18 - 26	77	45	49	10,5	36-44	13,5	6	0,090	25400 N
KOZ ST 26-38	26 - 38	92	60	60	12,5	48-60	21	10	0,170	34900 N
KOZ ST 36-52	36 - 52	107	60	75	12,5	58-74	27	11	0,225	26100 N
KOZ ST 50-75	50 - 75	128	60	95	12,5	76-101	35	14	0,310	32300 N
KOZ ST 75-100	75-100	169	80	124	14,5	110-135	51	19	0,815	84600 N
KOZ ST 100-130	100-130	200	80	158	14,5	141-170	65	20	1,000	70000 N

Application : Fastening /fitting single- and multiple-conductor low- medium and high-voltage cables.

Range : Six types of clamps for cables with outer diameters from 18 up to 130 mm.

Testing : Tested by KEMA Netherlands and Underwriters Laboratories Inc.
No mechanical loss of strength occurs within a temperature range of -40C° to +135C°.
Fire resistance acc. VDE 0304 Part 3 Class II A .
Glow Wire Tests acc. IEC 695-2-1.
Needle flame Test acc. IEC 695-2-2.

Type : The type indication of the KOZ ST clamps also indicates the outer cable diameters that can be fitted in the clamps.

Advantages : Stackable mounting of clamps possible without extra parts.

Initial torque for fastening bolts/nuts/screws :
5 - 8 Nm (depends also on prescriptions cable manufacturer)

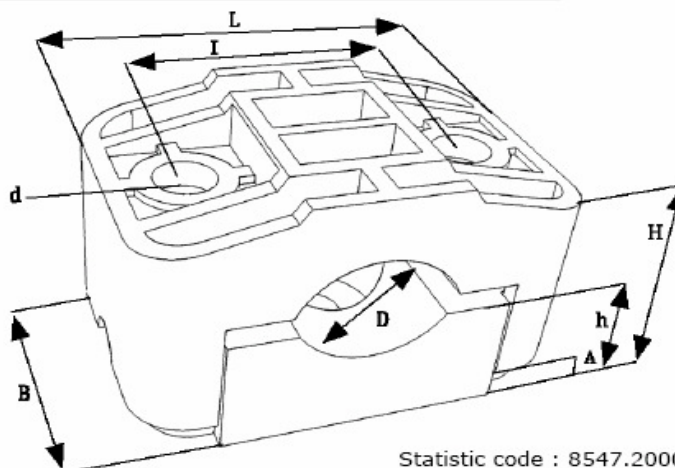
Fastening Materials :
Stainless steel Metric fasteners M10 for d Ø 10,5, M12 for d Ø 12,5 and M14 for d Ø 14,5
such as nuts , bolts, flat washers and threaded rods (2x) on demand.

Due to our continued effort to advance technology , product specifications are subject to change without notice.

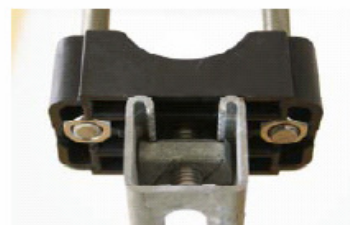
KOZ Cable clamps Series STC

Mechanical strenght from 38.000 N. to more than 47.000 N

NEW !!



Statistic code : 8547.2000



Dimensions in mm

Type	D	L	B	I	d Ø	H	h	A	Kg.	Mech. strenght
KOZ STC 21-38	21-38	92	60	60	12,5	54-70	26	18	0,174	38700 N
KOZ STC 36-52	36-52	107	60	75	12,5	69-84	33	18	0,237	43200 N
KOZ STC 46-75	46-75	128	60	95	12,5	79-109	35	20	0,298	40800 N
KOZ STC 72-100	72-100	172	80	127	14,5	90-115	51	22,5	0,768	47300 N

Application : Fastening /fitting single- and multiple-conductor low- medium and high-voltage cables.

Range : Four types of clamps for cables with outer diameters from 21 up to 100 mm.

Testing : Tested by KEMA Netherlands and Underwriters Laboratories Inc.
No mechanical loss of strength occurs within a temperature range of -40C° to +135C°.
Fire resistance acc. VDE 0304 Part 3 Class II A .
Glow Wire Tests acc. IEC 695-2-1.
Needle flame Test acc. IEC 695-2-2.

Type : The type indication of the KOZ STC clamps also indicates the outer cable diameters that can be fitted in the clamps.

Advantages : Stackable mounting of clamps possible without extra parts. The central fastening hole in the bottom part of the KOZ STC clamps permits fastening with a bolt on fitting rails as well as on a flat surface. Bottom lower part with hex holes for fix placement of hex nuts/bolts. Very quick assembly, important time profit.

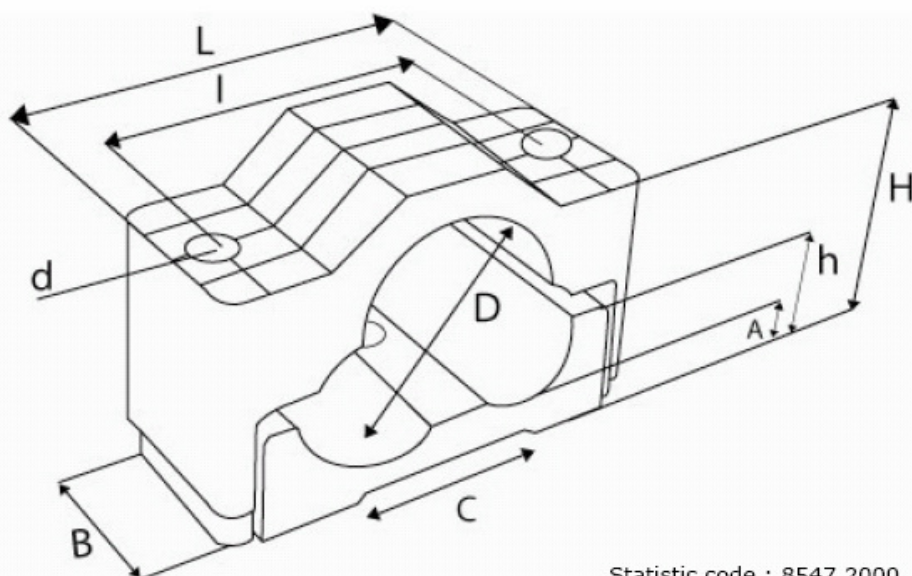
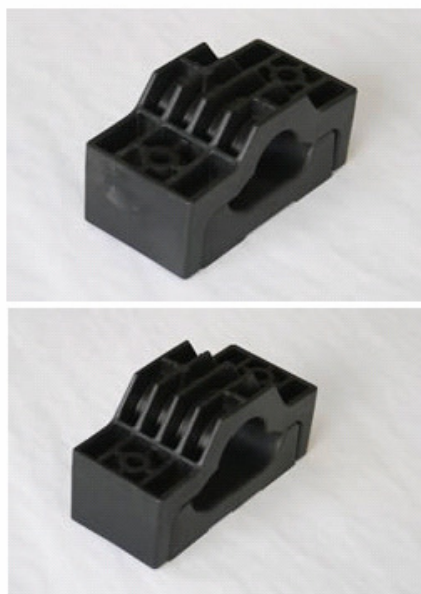
Initial torque for fastening bolts/nuts/screws :
5 - 8 Nm (depends also on prescriptions cable manufacturer)

Fastening Materials :
Stainless steel Metric fasteners M12 for d Ø 12,5 and M14 for d Ø 14,5 such as nuts , bolts, flat washers and threaded rods (2x) on demand.

Due to our continued effort to advance technology , product specifications are subject to change without notice.

KOZ Cable clamps Series TRI ECO

Mechanical strenght from 15.000 N. to 16.900 N



Statistic code : 8547.2000

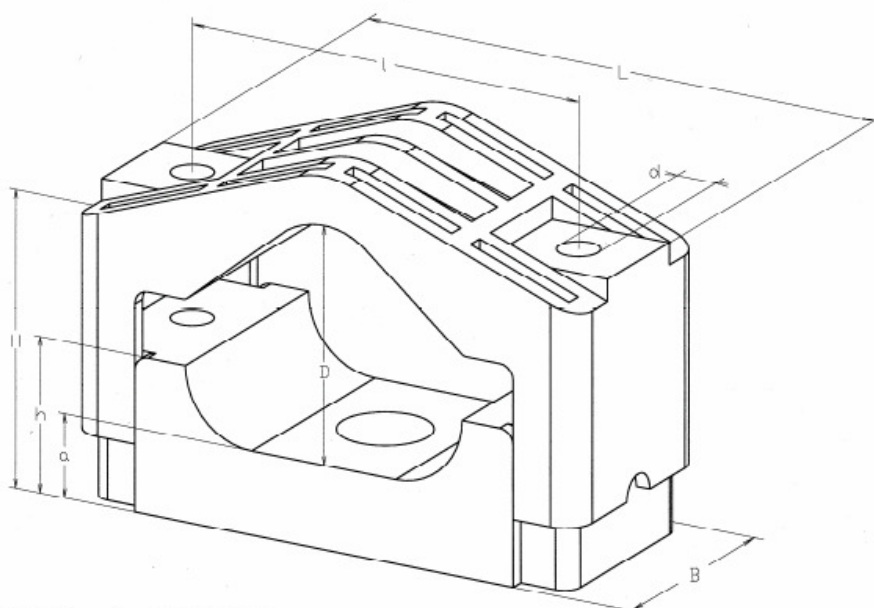
Dimensions in mm .

Type TRI ECO	D	L	B	l	d Ø	H	h	a	Z	Kg.	Mech. strenght
3x Ø24-35	24-35	136	70	101	11	54-78	35	20	40	0,315	15000 N
3x Ø33-46	33-46	156	70	121	11	58-90	41	20	50	0,385	16900 N

- Application :** Fastening /fitting single- and multiple-conductor low- medium and high-voltage cables.
- Range :** 2 types of clamps for 3 cables in triangle each with outer diameter from 24 up to 46 mm.
- Testing :** Tested by KEMA Netherlands and Underwriters Laboratories Inc.
No mechanical loss of strength occurs within a temperature range of -40C° to +135C°.
Fire resistance acc. VDE 0304 Part 3 Class II A .
Glow Wire Tests acc. IEC 695-2-1.
Needle flame Test acc. IEC 695-2-2.
- Type :** The type indication of the KOZ TRI ECO clamps also indicates the outer cable diameters that can be fitted in the clamps.
- Advantages :** Stackable mounting of clamps possible without extra parts.
- Initial torque for fastening bolts/nuts/screws :**
5 - 8 Nm (depends also on prescriptions cable manufacturer)
- Fastening Materials :**
Stainless steel Metric fasteners M10 such as nuts , bolts, flat washers and threaded rods (2xM10x100 or 110) on demand.

Due to our continued effort to advance technology , product specifications are subject to change without notice.

KOZ Cable clamps Type TRI 3xØ25-40



Statistic code : 8547.2000

Dimensions in mm .

Type	D	L	B	l	d Ø	H	h	a	Z	Kg.	Mech. strenght
KOZ TRI 3x Ø25-40	25-40	172	80	125	14,5	80 - 108	46	30	16	0,835	28600 N

Application : Fastening /fitting single- and multiple-conductor low- medium and high-voltage cables.

Range : for 3 cables in triangle each with outer diameter from 25 up to 40 mm.

Testing : Tested by KEMA Netherlands and Underwriters Laboratories Inc.
No mechanical loss of strength occurs within a temperature range of -40C° to +135C°.
Fire resistance acc. VDE 0304 Part 3 Class II A .
Glow Wire Tests acc. IEC 695-2-1.
Needle flame Test acc. IEC 695-2-2.

Type : The type indication of the KOZ TRI clamps also indicates the outer cable diameters that can be fitted in the clamps.

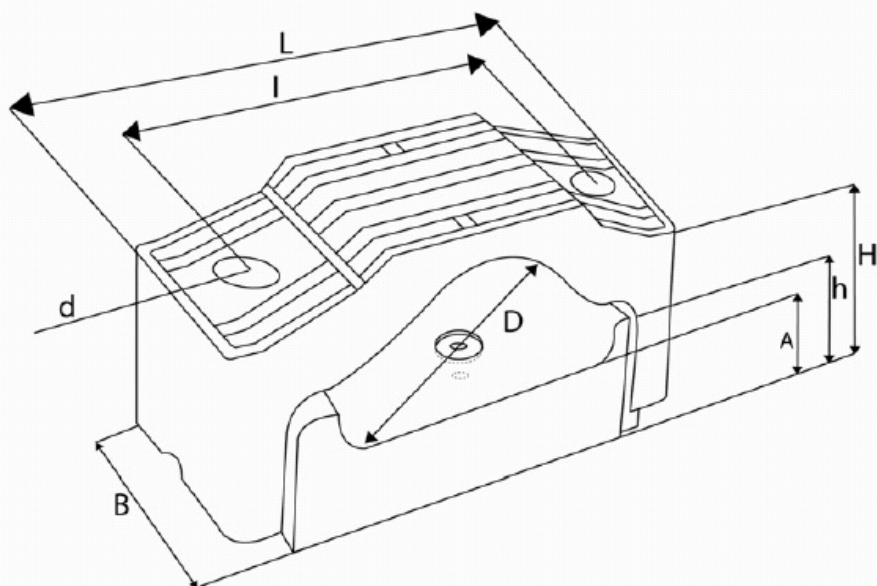
Advantages : with central fastening hole.

Initial torque for fastening bolts/nuts/screws :
5 - 8 Nm (depends also on prescriptions cable manufacturer)

Fastening Materials :
Stainless steel Metric fasteners (M14) such as nuts , bolts, flat washers and threaded rods (2xM14x160) on demand.

Due to our continued effort to advance technology , product specifications are subject to change without notice.

KOZ Cable clamps Type TRI 3xØ38-53



Statistic code : 8547.2000

Dimensions in mm .

Type KOZ TRI	D	L	B	l	d Ø	H	h	a	Z	Kg.	Mech. strenght
3x Ø38-53	38-53	190	80	145	14,5	85-115	54	30		0,890	38700 N

Application : Fastening /fitting single- and multiple-conductor low- medium and high-voltage cables.

Range : for 3 cables in triangle each with outer diameter from 38 up to 53 mm.

Testing : Tested by KEMA Netherlands and Underwriters Laboratories Inc.
No mechanical loss of strength occurs within a temperature range of -40C° to +135C°.
Fire resistance acc. VDE 0304 Part 3 Class II A .
Glow Wire Tests acc. IEC 695-2-1.
Needle flame Test acc. IEC 695-2-2.

Type : The type indication of the KOZ TRI clamps also indicates the outer cable diameters that can be fitted in the clamps.

Advantages : with central fastening hole, stackable mounting of clamps possible without extra parts.

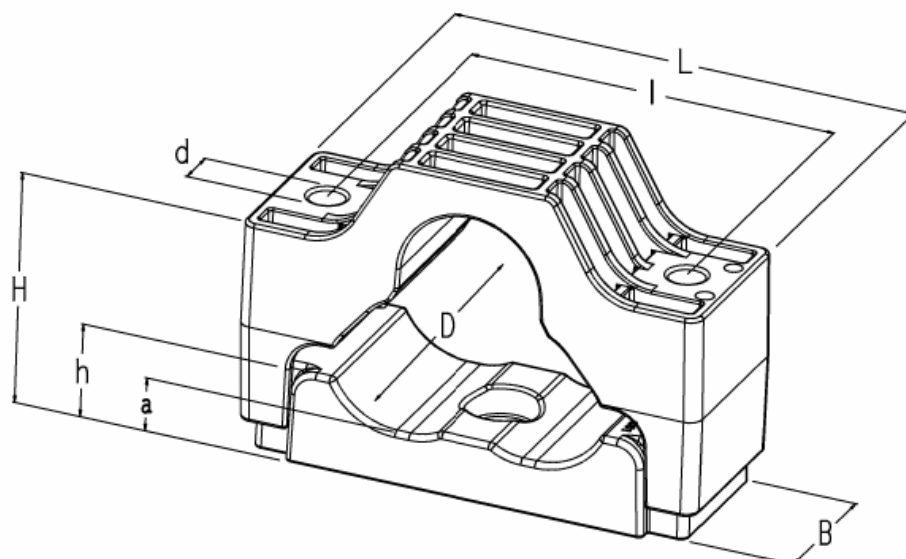
Initial torque for fastening bolts/nuts/screws :
5 - 8 Nm (depends also on prescriptions cable manufacturer)

Fastening Materials :
Stainless steel Metric fasteners (M14) such as nuts, bolts, flat washers and threaded rods (2xM14x160) on demand.

Due to our continued effort to advance technology , product specifications are subject to change without notice.

KOZ Cable clamps Type TRI 3xØ53-66

Mechanical strenght 69000 N



Statistic code : 8547.2000

Dimensions in mm .

Type KOZ TRI	D	L	B	I	d Ø	H	h	a	Z	Kg.	Mech. strenght
3x Ø53-66	53-66	216	80	169	15	100-120	44	25	32	1,300	69000 N

Application : Fastening /fitting single- and multiple-conductor low- medium and high-voltage cables.

Range : for 3 cables in triangle each with outer diameter from 53 up to 66 mm.

Testing : Tested by KEMA Netherlands and Underwriters Laboratories Inc.
No mechanical loss of strength occurs within a temperature range of -40C° to +135C°.
Fire resistance acc. VDE 0304 Part 3 Class II A .
Glow Wire Tests acc. IEC 695-2-1.
Needle flame Test acc. IEC 695-2-2.

Type : The type indication of the KOZ TRI clamps also indicates the outer cable diameters that can be fitted in the clamps.

Advantages : with central fastening hole, stackable mounting of clamps possible without extra parts.

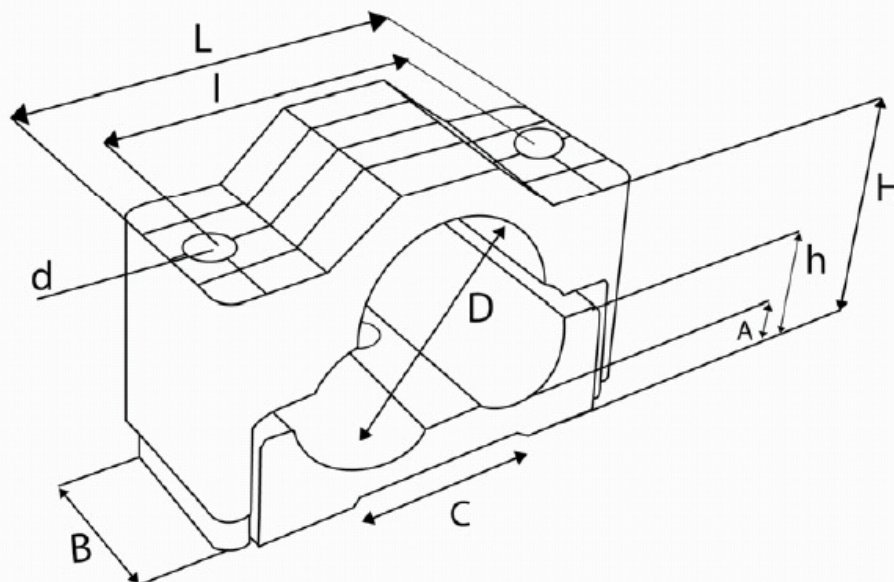
Initial torque for fastening bolts/nuts/screws :
5 - 8 Nm (depends also on prescriptions cable manufacturer)

Fastening Materials :
Stainless steel Metric fasteners (M14) such as nuts , bolts, flat washers and threaded rods (2xM14x150) on demand.

Due to our continued effort to advance technology , product specifications are subject to change without notice.

KOZ Cable clamps Type TRI 3xØ67....98

Mechanical strenght 42.000 N.



Statistic code : 8547.2000

Dimensions in mm .

Type TRI	D	L	B	I	d Ø	H	h	a	Z	Kg.	Mech. strenght
3x Ø67-82	67-82	252	100	202	16,5	140-175	70	26	44	1,840	42000 N
3x Ø82-98	82-98	284	100	234	16,5	168-205	78	26	52	2,515	42000 N

Application : Fastening /fitting single- and multiple-conductor low- medium and high-voltage cables.

Range : for 3 cables in triangle each with outer diameter from 67 up to 98 mm.

Testing : Tested by KEMA Netherlands and Underwriters Laboratories Inc.
No mechanical loss of strength occurs within a temperature range of -40C° to +135C°.
Fire resistance acc. VDE 0304 Part 3 Class II A .
Glow Wire Tests acc. IEC 695-2-1.
Needle flame Test acc. IEC 695-2-2.

Type : The type indication of the KOZ TRI clamps also indicates the outer cable diameters that can be fitted in the clamps.

Advantages : with central fastening hole, stackable mounting of clamps possible without extra parts.

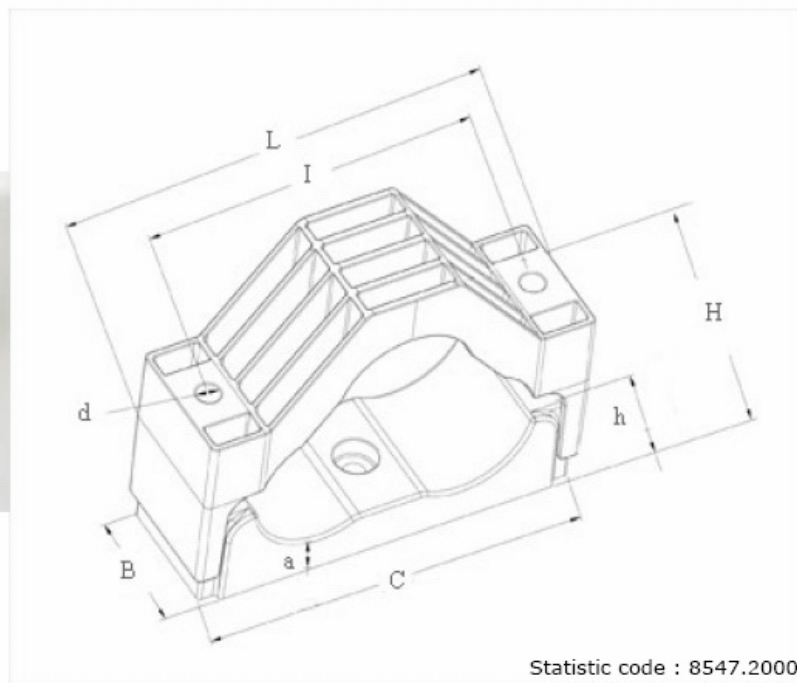
Initial torque for fastening bolts/nuts/screws :
5 - 8 Nm (depends also on prescriptions cable manufacturer)

Fastening Materials :
Stainless steel Metric fasteners (M16) such as nuts, bolts, flat washers and threaded rods (2xM16x245) on demand.

Due to our continued effort to advance technology , product specifications are subject to change without notice.

KOZ Cable clamps Type TRI 3xØ99....120

Mechanical strenght 65.000 N



Dimensions in mm .

Type KOZ TRI	D	L	B	I	d Ø	H	h	a	Z	Kg.	Mech. strenght
3x Ø99-120	99-120	342	115	288	19	155-203	82	33	55	3,065	65000 N

Application : Fastening /fitting single- and multiple-conductor low- medium and high-voltage cables.

Range : for 3 cables in triangle each with outer diameter from 99 up to 120 mm.

Testing : Tested by KEMA Netherlands and Underwriters Laboratories Inc.
No mechanical loss of strength occurs within a temperature range of -40C° to +135C°.
Fire resistance acc. VDE 0304 Part 3 Class II A .
Glow Wire Tests acc. IEC 695-2-1.
Needle flame Test acc. IEC 695-2-2.

Type : The type indication of the KOZ TRI clamps also indicates the outer cable diameters that can be fitted in the clamps.

Advantages : with central fastening hole, stackable mounting of clamps possible without extra parts.

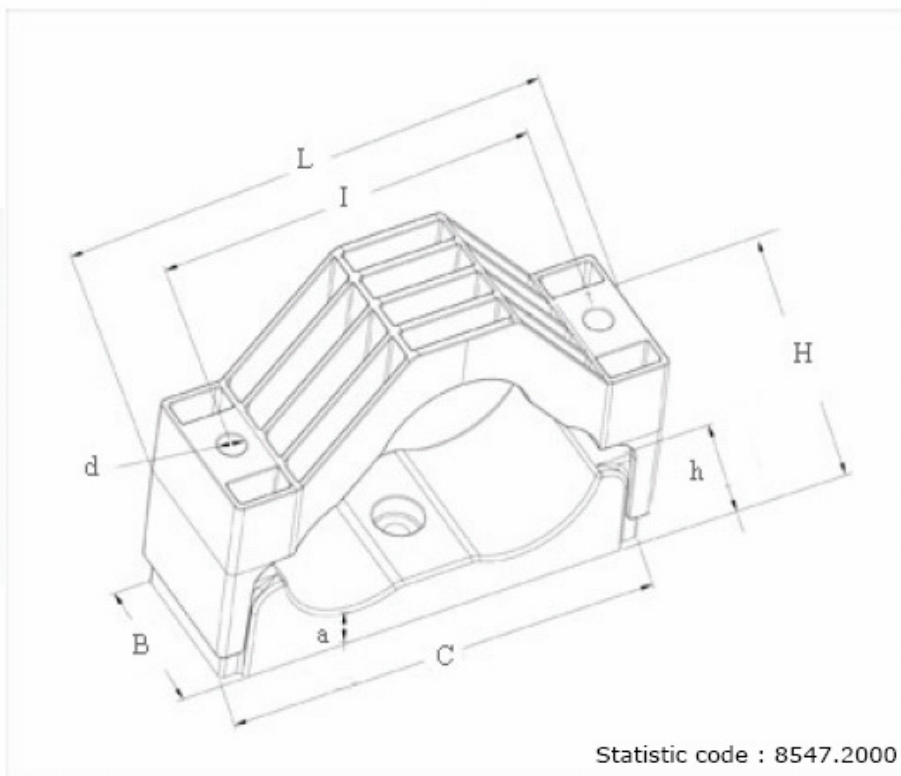
Initial torque for fastening bolts/nuts/screws :
5 - 8 Nm (depends also on prescriptions cable manufacturer)

Fastening Materials :
Stainless steel Metric fasteners (M16) such as nuts, bolts, flat washers and threaded rods (2xM16x247) on demand.

Due to our continued effort to advance technology , product specifications are subject to change without notice.

KOZ Cable clamps Type TRI 3xØ121....145

Mechanical strenght 65.000 N



Statistic code : 8547.2000

Dimensions in mm .

Type KOZ TRI	D	L	B	I	d Ø	H	h	a	Z	Kg.	Mech. strenght
3x Ø121-145	121-145	392	115	338	19	180-238	100	33	67	3,607	65000 N

Application : Fastening /fitting single- and multiple-conductor low- medium and high-voltage cables.

Range : for 3 cables in triangle each with outer diameter from 121 up to 145 mm.

Testing : Tested by KEMA Netherlands and Underwriters Laboratories Inc.
No mechanical loss of strength occurs within a temperature range of -40C° to +135C°.
Fire resistance acc. VDE 0304 Part 3 Class II A .
Glow Wire Tests acc. IEC 695-2-1.
Needle flame Test acc. IEC 695-2-2.

Type : The type indication of the KOZ TRI clamps also indicates the outer cable diameters that can be fitted in the clamps.

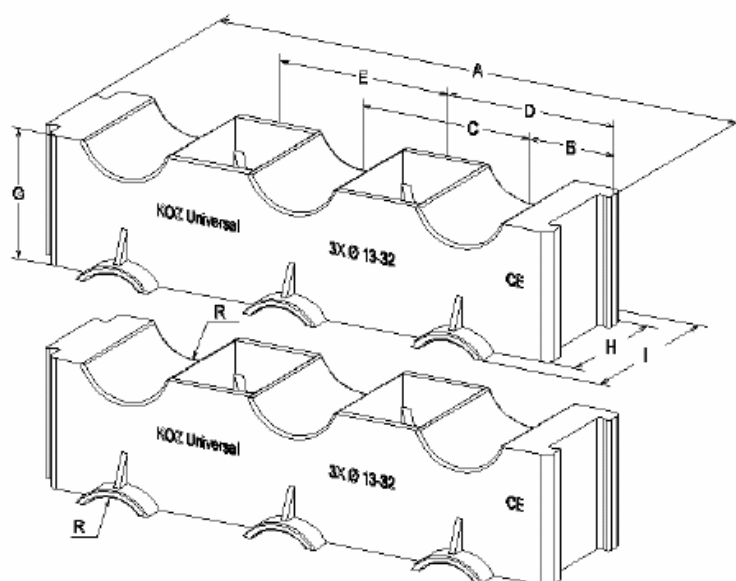
Advantages : with central fastening hole, stackable mounting of clamps possible without extra parts.

Initial torque for fastening bolts/nuts/screws :
5 - 8 Nm (depends also on prescriptions cable manufacturer)

Fastening Materials :
Stainless steel Metric fasteners (M16) such as nuts, bolts, flat washers and threaded rods (M16x280) on demand.

Due to our continued effort to advance technology , product specifications are subject to change without notice.

KOZ Cable clamps Type UNI 3xØ13-32



Statistic code : 8547.2000

Dimensions in mm .

Type	A	B	C	D	E	F	G	H	I	Kg.	Mech. strenght
KOZ UNI 3x Ø13-32	186,5	32,25	35,22	32,25	32,25	10,5	43	45	61	0,155	19500 N

Application : Fastening /fitting single- and multiple-conductor low- medium and high-voltage cables.

Range : 1 layer (2 parts) for 3 cables each with outer diameter from 13 up to 32 mm.

Testing : Tested by KEMA Netherlands and Underwriters Laboratories Inc.
No mechanical loss of strength occurs within a temperature range of -40C° to +135C°.
Fire resistance acc. VDE 0304 Part 3 Class II A .
Glow Wire Tests acc. IEC 695-2-1.
Needle flame Test acc. IEC 695-2-2.

Type : The type indication of the KOZ UNI clamps also indicates the outer cable diameters that can be fitted in the clamps.

Advantages : Stackable mounting or double-stack and triple-stack of clamps possible.

Initial torque for fastening bolts/nuts/screws :
5 - 8 Nm (depends also on prescriptions cable manufacturer)

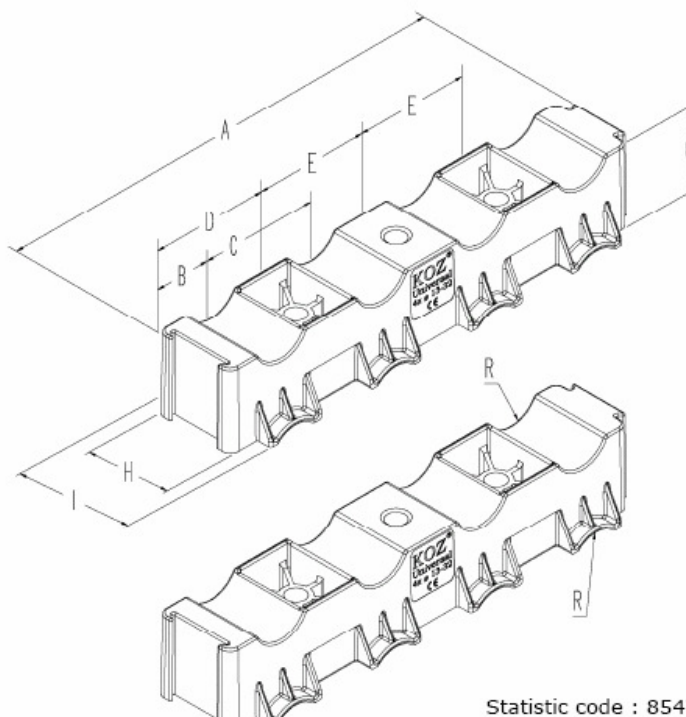
Fastening Materials : Stainless steel Metric fasteners such as nuts , bolts, flat washers and threaded rods on demand.

N° of cable layers stackable mounting	Threaded rods	Nuts	Flat washers
1 layer (2 parts)	2x M10x150	6x M10	6x M10
2 layers (3 parts)	2x M10x210	8x M10	8x M10
3 layers (4 parts)	2x M10x270	10x M10	10x M10
4 layers (5 parts)	2x M10x330	12x M10	12x M10
5 layers (6 parts)	2x M10x390	14x M10	14x M10

Due to our continued effort to advance technology , product specifications are subject to change without notice.

KOZ Cable clamps Type UNI 4xØ13-32

Mechanical strenght 32.500 N



Statistic code : 8547.2000

Dimensions in mm .

Type	A	B	C	D	E	F	G	H	I	Kg.	Mech. strenght
KOZ UNI 4x Ø13-32	242	30,25	60,5	60,5	60,5	10,5	43	45	61	0,205	32500 N

Application : Fastening /fitting single- and multiple-conductor low- medium and high-voltage cables.

Range : 1 layer (2 parts) for 4 cables each with outer diameter from 13 up to 32 mm.

Testing : Tested by KEMA Netherlands and Underwriters Laboratories Inc.
No mechanical loss of strength occurs within a temperature range of -40C° to +135C°.
Fire resistance acc. VDE 0304 Part 3 Class II A .
Glow Wire Tests acc. IEC 695-2-1.
Needle flame Test acc. IEC 695-2-2.

Type : The type indication of the KOZ UNI clamps also indicates the outer cable diameters that can be fitted in the clamps.

Advantages : Stackable mounting or double-stack and triple-stack of clamps possible.

Initial torque for fastening bolts/nuts/screws :
5 - 8 Nm (depends also on prescriptions cable manufacturer)

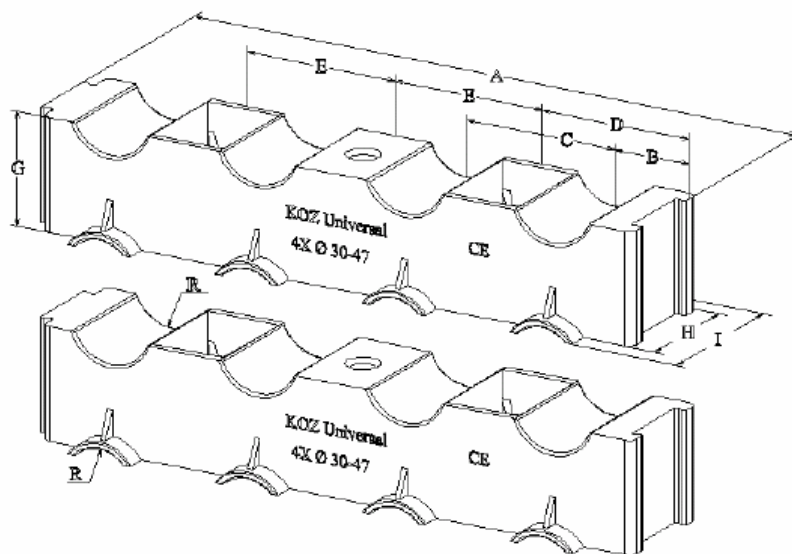
Fastening Materials : Stainless steel Metric fasteners such as nuts , bolts, flat washers and threaded rods on demand.

N° of cable layers stackable mounting	Threaded rods	Nuts	Flat washers
1 layer (2 parts)	2x M10x150	6x M10	6x M10
2 layers (3 parts)	2x M10x210	8x M10	8x M10
3 layers (4 parts)	2x M10x270	10x M10	10x M10
4 layers (5 parts)	2x M10x330	12x M10	12x M10
5 layers (6 parts)	2x M10x390	14x M10	14x M10

Due to our continued effort to advance technology , product specifications are subject to change without notice.

KOZ Cable clamps Type UNI 4xØ30-47

Mechanical strenght 27.400 N



Statistic code : 8547.2000

Dimensions in mm .

Type	A	B	C	D	E	F	G	H	I	Kg.	Mech. strenght
KOZ UNI 4x Ø30-47	340	42,5	85	85	85	13	65	50	66	0,375	27400 N

Application : Fastening /fitting single- and multiple-conductor low- medium and high-voltage cables.

Range : 1 layer (2 parts) for 4 cables each with outer diameter from 30 up to 47 mm.

Testing : Tested by KEMA Netherlands and Underwriters Laboratories Inc.
No mechanical loss of strength occurs within a temperature range of -40C° to +135C°.
Fire resistance acc. VDE 0304 Part 3 Class II A .
Glow Wire Tests acc. IEC 695-2-1.
Needle flame Test acc. IEC 695-2-2.

Type : The type indication of the KOZ UNI clamps also indicates the outer cable diameters that can be fitted in the clamps.

Advantages : Stackable mounting or double-stack and triple-stack of clamps possible.

Initial torque for fastening bolts/nuts/screws :
5 - 8 Nm (depends also on prescriptions cable manufacturer)

Fastening Materials : Stainless steel Metric fasteners such as nuts , bolts, flat washers and threaded rods on demand.

N° of cable layers stackable mounting	Threaded rods	Nuts	Flat washers
1 layer (2 parts)	2x M12x195	6x M12	6x M12
2 layers (3 parts)	2x M12x280	8x M12	8x M12
3 layers (4 parts)	2x M12x360	10x M12	10x M12
4 layers (5 parts)	2x M12x540	12x M12	12x M12
5 layers (6 parts)	2x M12x620	14x M12	14x M12

Due to our continued effort to advance technology , product specifications are subject to change without notice.

KOZ Cable clamps and Universal blocks Specifications

Cable Clamps & Blocks Series ST – STC – TR – TRI-ECO – UN

Material:	Polyamide, fiberglass - reinforced, halogen free, black , not painted, suitable for outdoor en indoor use.
Standards:	NEN-EN 60204-1 , CE label.
Approvals :	KEMA Netherlands for mechanical strength at perpendicular and parallel loading directions with TÜV calibrated machines. Tests were meant to define the behaviour of cable clamps under dynamic strain applied by short circuits currents. Underwriters Laboratories Inc. USA , UL listed.
Flexural strength:	220 N/mm ² .
Tensile strength:	135 N/mm ² .
Thermal expansion:	> 0,01% per 10°C. temperature increase.
Operating Temperature:	- 40° C to + 135° C, shortly up to + 220° C. No alteration of strength and signs of degrading within temperatures ranges from -40°C to +135°C. (shortly up to +220°C)
Fire resistance:	VDE 0304, part 3, Class II A, Glow wire test IEC695-2-1, needle flame test IEC 695-2-2.
Resistance to:	UV-light -Ozone - Oils -fuels -Alkalis -Ammonia -Acetone -Alcohol -asphalt -benzene -calcium chloride -chloroform -ethanol -ethyl - ether -glycerol -glycol -Hexane -kerosene -Methyl chloride - petroleum -Toluene -xylem -hot water -salt -alkali -solventsetc.
Applications:	Fastening of high and low- voltage cables of all types, single -core or multi-core. Especially suitable for fastening of cables with polyethylene (PE) and cross-linked polyethylene (XLPE) insulation in single- or trefoil arrangements. The balanced width of the cable clamps provided a controlled surface pressure on the cables.
Features:	Fastening of cables can be adapted to the most local conditions. Due to their very high mechanical resistance our cable clamps can be used in all applications where damage to cables resulting from short circuit currents must be avoided. Those currents are causing high dynamic forces. The distance between cable clamps can be calculated in function of the short circuit current or the short circuit power. However, to prevent the bending of the cables we recommend a maximum distance of 0,9 or 1 meter. Maximum initial torque for fixing screws: between 5 Nm and 8 Nm., depends also on prescriptions cable manufacturer.

Due to our continued effort to advance technology , product specifications are subject to change without notice.