MIPROMET

Clamps

for plates
for drums
for concrete products

miproClamp

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Description of abbreviations, acronyms and designations

MBL – Minimum Breaking Load
WLL – Working Load Limit

2006/42/EC manufactured according to Directive — The product complies with the Machinery Directive 2006/42/EC, which confirms the performance of tasks leading to the fulfilment of health and safety requirements for machines placed on the market for the first time in the EU.

EN 13155 meets the Standard — The product meets the requirements of the indicated standard.

CE Declaration of conformity — The product is marked with the CE conformity mark, has an EC declaration of conformity, issued by the manufacturer, confirming on his sole responsibility that the marked product meets the requirements of EU directives.

24h INSTOCK Program — Product covered by the Instock Program. Orders placed for this product, correctly placed by 11:00 a.m. are sent to the recipient on the same day. For products requiring individual marking or unusual packaging, the shipping time may be extended to 2 working days. The quantity of products ordered in the Rapid Dispatch mode is limited to the size of the stock. Detailed requirements of the Programme are described in the Rules and Regulations of the Rapid Dispatch Programme, available on the www.mipromet.eu website.

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This material does not constitute an offer within the meaning of the Civil Code and is for informational or educational purposes only.
The information provided in this publication is intended to help the reader to gain an overall understanding of the technical aspects of our offer and to select the best solutions.
All products described in the catalogue have appropriate approvals, instructions and certificates.

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MIPROMET

Sheet metal clamps

miproClamp

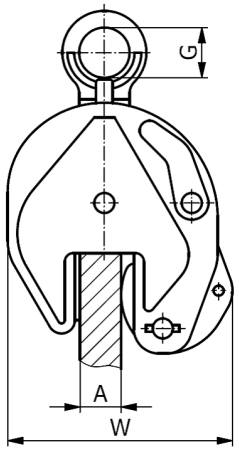
KRA Articulated sheet metal clamp

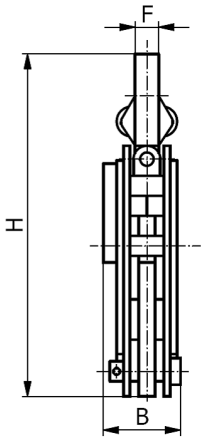
CE Declaration of conformity 2006/42/EC manufactured according to Directive EN 13155 meets the Standard

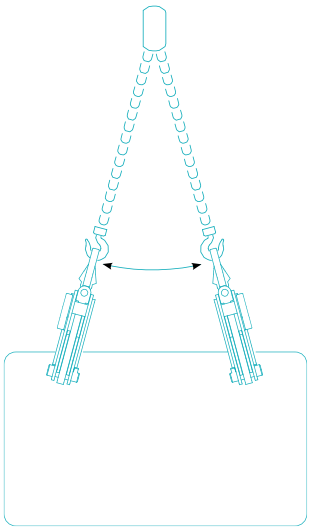
24h INSTOCK Program

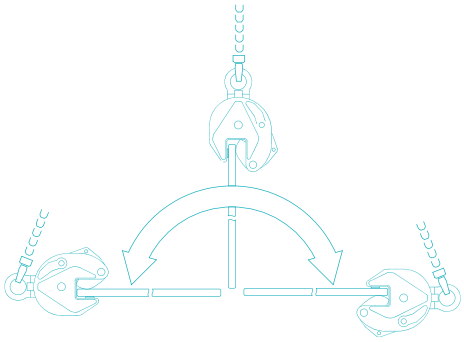
- For lifting metal sheets and steel sheet structures from all positions (horizontal, vertical and lateral)
- For turning (180 °) sheet metal or sheet metal structures
- For transporting sheet metal and steel sheet structures in a vertical position
- The articulated handle allows the clamp to be mounted in any position
- To be used with a two-leg chain sling for longer plates without the need for a traverse
- Equipped with a pre-clamping mechanism to prevent the handle from slipping when lifting and lowering the load
- Self-locking handle (the gripping force is proportional to the force of gravity) - the minimum weight of the lifted load cannot be less than 10% of the **WLL**

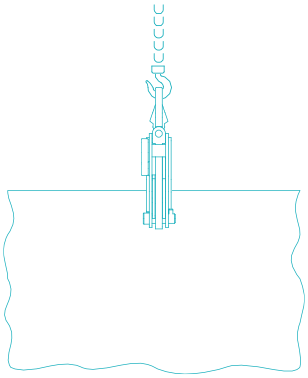
For use with sheet metal with surface hardness up to **25 Rockwell C (HRC)**



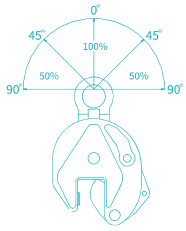


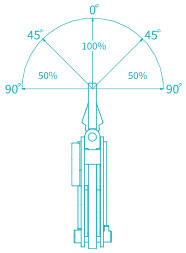






CODE	WLL [kg]	Gripping range A [mm]	Dimensions [mm] H	W	B	G	F	Mass [kg]
KRA 0.5	500	0 – 15	212	103	48	30	10	1,9
KRA 0.8	800	15 – 30	195	131	38	30	12	2,1
KRA 1.0	1 000	0 – 20	294	138	65	48	12	4,6
KRA 1.6	1 600	20 – 40	350	187	61	65	17	7,4
KRA 2.0	2 000	0 – 25	370	164	67	68	16	7,4
KRA 3.0	3 000	0 – 35	418	193	98	74	20	8,4
KRA 3.2	3 200	25 – 50	410	245	76	75	22	15
KRA 4.5	4 500	36 – 60	430	263	86	78	25	21
KRA 5.0	5 000	0 – 52	450	240	105	80	22	24,0
KRA 8.0	8 000	0 – 45	620	290	117	84	25	35,3
KRA 12.0	12 000	50 – 90	730	410	112	80	25	57,1





WLL *reduction depending on the lifting angle*

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RSA Sheet metal clamp - horizontal

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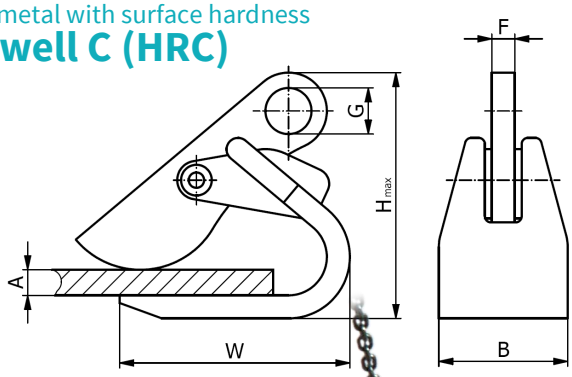
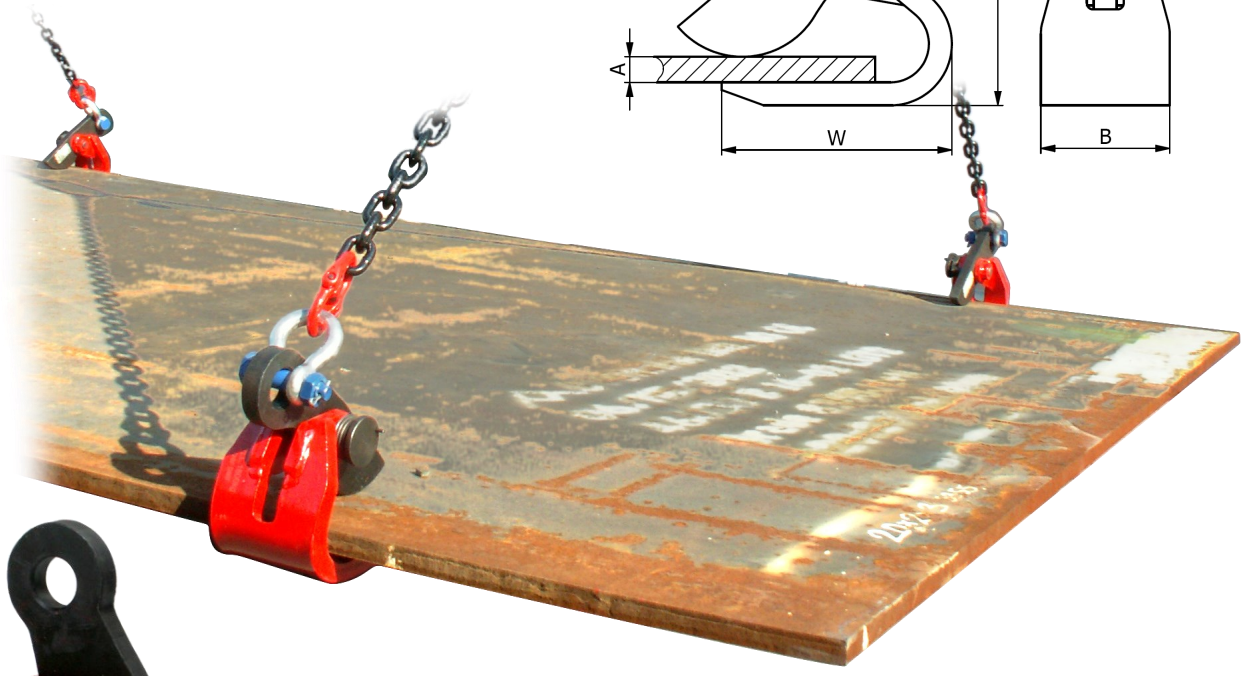
24h INSTOCK Program

- For safe lifting and carrying in a horizontal position
  - single sheets,
  - associated sheet metal packages,
  - sheets of thin steel sheets hanging (bending) during handling
- Only to be used in pairs, pair sets or triple sets with chain slings
- Self-locking handle (the gripping force is proportional to the force of gravity) - the minimum weight of the lifted load cannot be less than **5% of the WLL**

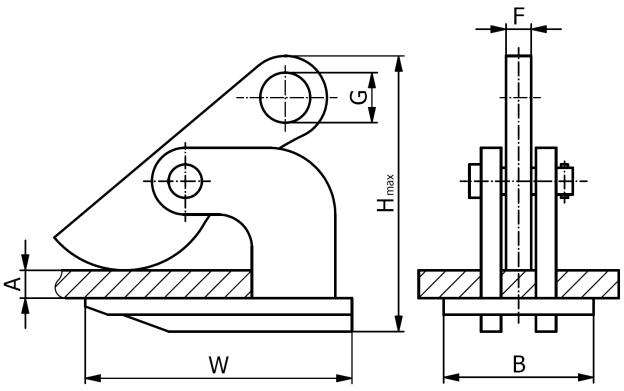
For use with sheet metal with surface hardness up to **25 Rockwell C (HRC)**

RSA 1.5





RSA 3.0 - 9.0



CODE	WLL / pair [kg]	Gripping range A [mm]	Dimensions [mm] H	W	B	G	F	Mass [kg]
RSA 1.5	1 500	0 – 50	218	127	100	30	15	4,0
RSA 3.0	3 000	0 – 50	270	220	110	36	20	7,5
RSA 5.0	5 000	0 – 60	315	260	130	40	22	14
RSA 9.0	9 000	0 – 100	400	300	165	40	25	29

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TKA Sheet metal clamp

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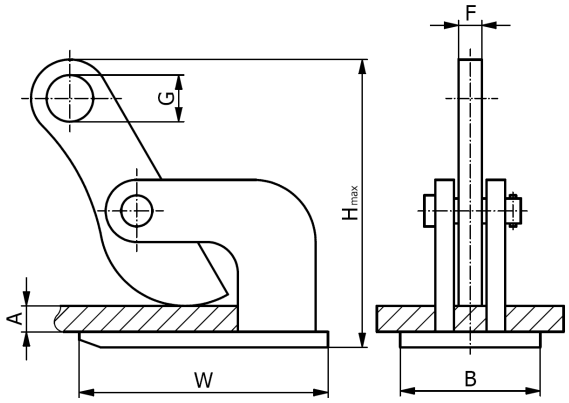
24h INSTOCK Program

- For safe lifting and carrying in a horizontal position
  - single sheets,
  - associated sheet metal packages,
  - sheets of thin steel sheets hanging (bending) during handling
- Only to be used in pairs, pair sets or triple sets with chain slings
- Self-locking handle (the gripping force is proportional to the force of gravity) - the minimum weight of the lifted load cannot be less than **5% of the WLL**

For use with sheet metal with surface hardness up to **25 Rockwell C (HRC)**



CODE	WLL [kg]	Gripping range A [mm]	Dimensions [mm] H	W	B	G	F	Mass [kg]
TKA 1.6	1 600	0 – 45	180	197	99	22	16	7,5
TKA 3.2	3 200	0 – 45	195	200	106	30	18	10,0

CTA Sheet metal clamp

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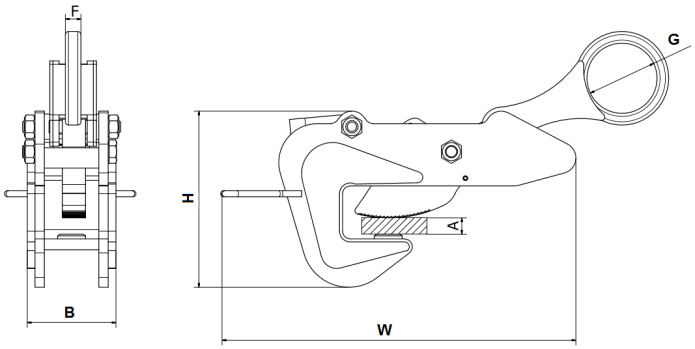
24h INSTOCK Program

- For safe lifting and carrying in a horizontal position
  - single sheets,
  - associated sheet metal packages,
  - sheets of thin steel sheets hanging (bending) during handling
- Only to be used in pairs, pair sets or triple sets with chain slings
- Self-locking handle (the gripping force is proportional to the force of gravity) - the minimum weight of the lifted load cannot be less than **5% of the WLL**



For use with sheet metal with surface hardness up to **25 Rockwell C (HRC)**

CODE	WLL/pair [kg]	Gripping range A [mm]	Dimensions [mm] H	W	B	G	F	Mass [kg]
CTA 1.0	1 000	0 – 25	150	255	61	48	16	5,2
CTA 2.0	2 000	0 – 30	175	280	76	55	18	8,0
CTA 3.0	3 000	0 – 38	203	340	90	58	22	12,3

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WRA Sheet metal grab

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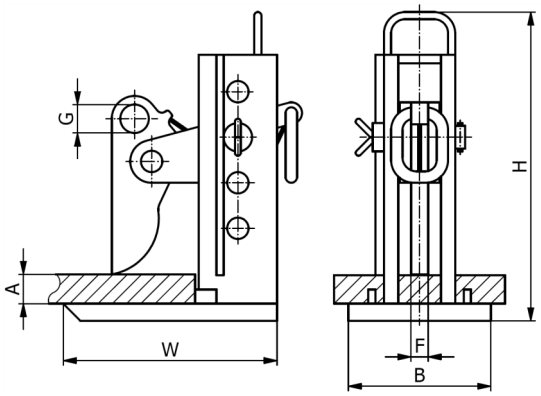
24h INSTOCK Program

- For safe lifting and carrying in a horizontal position
  - single sheets,
  - associated sheet metal packages,
  - sheets of thin steel sheets hanging (bending) during handling
- Only to be used in pairs, pair sets or triple sets with chain slings
- Self-locking handle (the gripping force is proportional to the force of gravity) - the minimum weight of the lifted load cannot be less than **5% of the WLL**

For use with sheet metal with surface hardness up to **25 Rockwell C (HRC)**



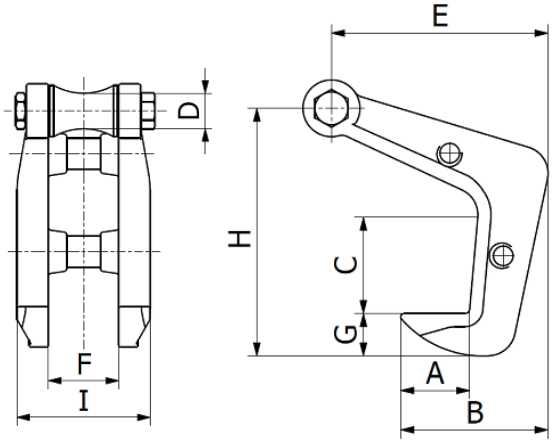
CODE	WLL/ pair [kg]	Gripping range A [mm]	Dimensions [mm] H	W	B	G	F	Mass [kg]
WRA 3.0	3 000	20 – 160	380	210	140	26	20	19,4
WRA 6.0	6 000	40 – 240	450	300	175	30	22	40,0
WRA 8.0	8 000	40 – 240	520	300	200	40	25	53,0
WRA 15.0	15 000	40 – 240	530	300	235	50	30	73,0

RKL Sheet metal clamp

Declaration of conformity 2006/42/EC manufactured according to Directive EN 13155 meets the Standard

24h INSTOCK Program

- For the safe lifting and horizontal handling of individual sheets
- Only to be used in pairs, pair sets or triple sets with chain slings



CODE	WLL/pair [kg]	Dimensions [mm] A	B	C	D	E	F	G	H	I	Mass [kg]
RKL 4.2	4 200	65	135	88	34	200	67	40	230	127	8
RKL 7.0	7 000	84	185	112	49,5	255	86	55	303	164	18

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GE Sheet metal grab

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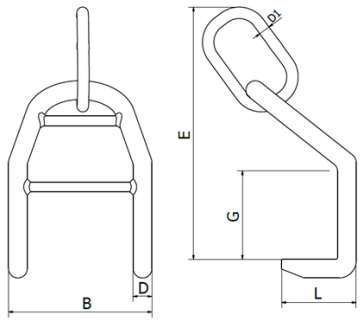
24h INSTOCK Program

- For the safe lifting and horizontal handling of individual sheets
- Only to be used in pairs, pair sets or triple sets with chain slings



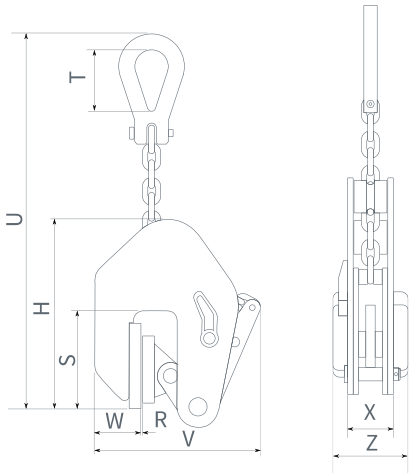
CODE	WLL/pair [kg]	Dimensions [mm]						Mass [kg]
		B	D	D1	E	G	L	
GE 02	2 000	270	30	23	490	130	125	8
GE 05	5 000	490	50	32	700	300	240	39

KWA Sheet metal clamp - vertical

Declaration of conformity 2006/42/EC manufactured according to Directive EN 13155 meets the Standard

24h INSTOCK Program

- For safe lifting and vertical handling of individual sheets
- For turning (180 °) sheet metal or sheet metal structures
- The handle is equipped with polyurethane linings of the jaws to prevent damage to the surfaces of the transferred elements
- Equipped with a pre-clamping mechanism to prevent the handle from slipping when lifting and lowering the load
- Self-locking handle (the gripping force is proportional to the force of gravity) - the minimum weight of the lifted load cannot be less than **10% of the WLL**



CODE	WLL	Jaw opening	Dimensions [mm]								Mass
	[kg]	R [mm]	U	V	W	X	S	T	H	Z	[kg]
KWA 0.5	500	0-20	466	174	47	48	94	65	191	80	4.7
KWA 1.0	1 000	0-30	485	227	48	54	95	65	215	80	6.6
KWA 2.0	2 000	0-50	580	280	63	66	120	76	270	90	12.5

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KNS Sheet metal screw holder

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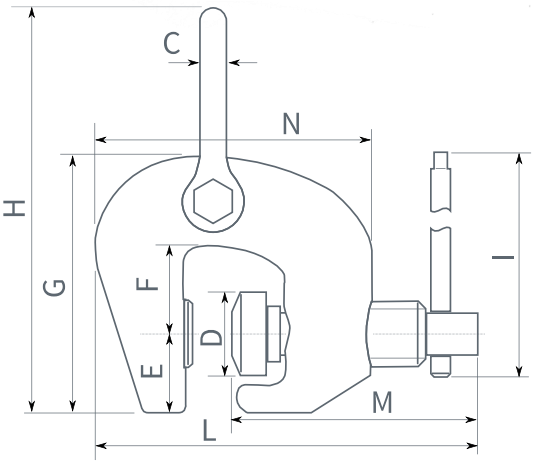
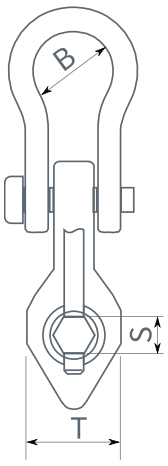
24h INSTOCK Program

For use with sheet metal with surface hardness up to
25 Rockwell C (HRC)

- For safe lifting and vertical handling of individual sheets
- For turning (180 °) sheet metal or sheet metal structures





CODE	WLL	Gripping range	Dimensions [mm]													Mass
	[kg]	[mm]	L	N	M	I	H	G	E	F	D	C	B	T	S	[kg]
KNS 0.5	500	0-28	156	104	89	60	113	76	16	27	26	10	17	30	14	0.8
KNS 0.75	750	0-22	167	135	120	190	201	125	38	44	42	12	38	46	21	2.8
KNS 1.5	1 500	0-32	187	154	135	190	229	143	39	52	42	16	45	46	21	4
KNS 3	3 000	0-50	224	190	165	240	265	165	45	60	49	19	50	54	21	7.1
KNS 6	6 000	0-75	291	255	215	240	365	214	54	76	63	31.5	80	69	21	19.1

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LWL Pipe and rod lifting clamp

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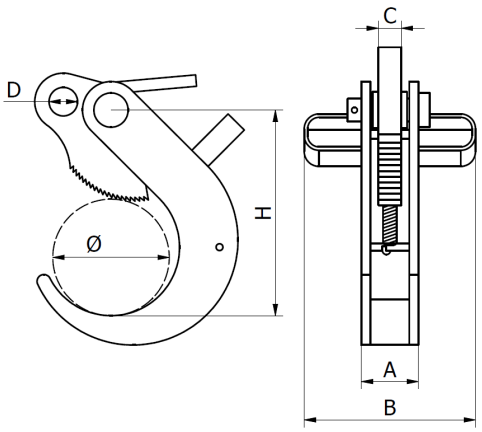
24h INSTOCK Program

- For safe lifting and horizontal handling of pipes and pole
- Only to be used in pairs with chain slings



CODE	WLL [kg]	Gripping range Ø [mm]	Dimensions [mm]					Mass [kg]
			A	B	C	D	H	
LWL 0.4	400	80 – 100	33	115	17	16	165	2,2
LWL 0.5	500	100 – 120	36	125	14	18	205	2,7
LWL 0.75	750	120 – 140	40	145	16	22	230	3,7
LWL 1.0	1 000	140 – 160	36	125	16	25	260	4,1

LKS Pipe lifting grab

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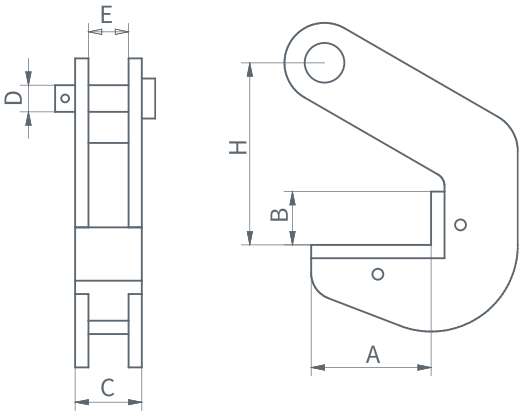
24h INSTOCK Program

- For safe lifting and horizontal caarying of pipes
- Only to be used in pairs with chain slings



CODE	WLL/pair [kg]	Dimensions [mm]						Mass [kg]
		A	B	C	D	E	H	
LKS 1.5	1 500	70	34	35	25	22	125	1,6
LKS 3.0	3 000	70	34	35	25	19	125	2,2
LKS 4.0	4 000	70	40	40	29	19	125	2,8

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MIPROMET

Drum clamp

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BKL Drum clamp

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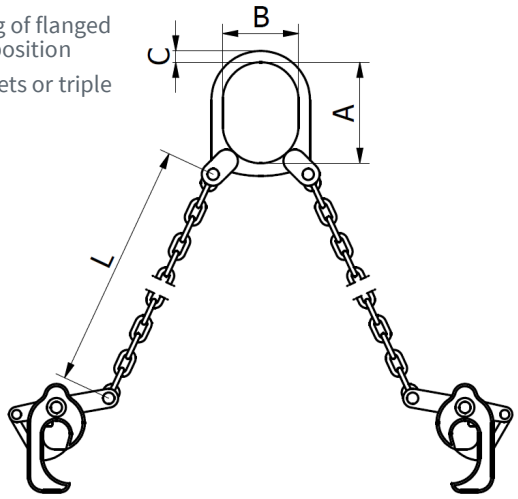
24h INSTOCK Program

- For safe lifting and carrying of flanged steel drums in an upright position
- Only for use in pairs, pair sets or triple sets with chain slings



CODE	WLL/pair	Dimensions [mm]				Mass
	[kg]	A	B	C	L	[kg]
BKL 1.0	1 000	87	62	14	480	3,3

ZBI Drum clamp

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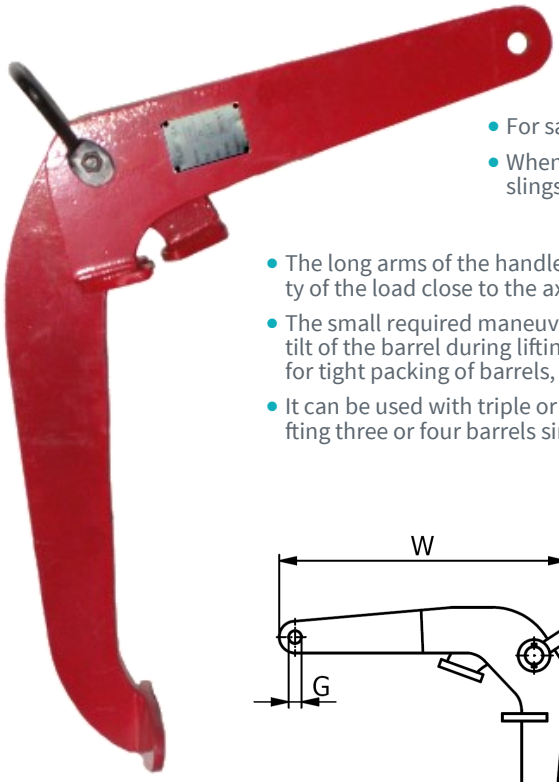
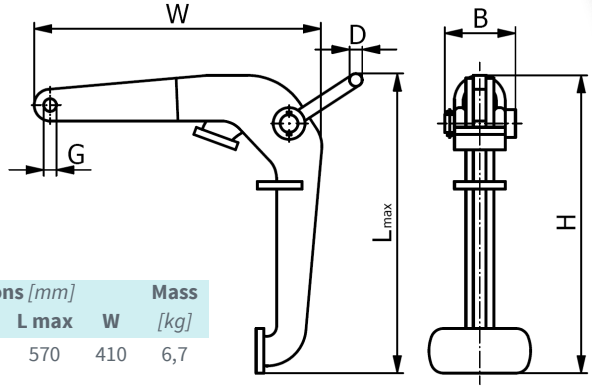
24h INSTOCK Program



- For safe lifting and carrying of flanged steel drums in an upright position
- When lifting, the handle grips the flange on the edge of the barrel chain slings
- The long arms of the handle make the center of gravity of the load close to the axis of the lifting force
- The small required maneuvering space and the slight tilt of the barrel during lifting predispose the handle for tight packing of barrels, e.g. on pallets
- It can be used with triple or quadruple slings for lifting three or four barrels simultaneously



CODE	WLL	Dimensions [mm]					Mass
	[kg]	B	D	G	L max	W	[kg]
ZBI 0.6	600	107	10	16	570	410	6,7

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ZGL Drum clamp

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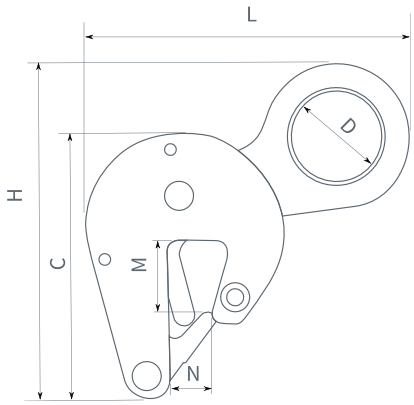
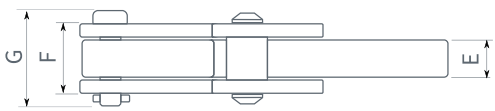
24h INSTOCK Program

WLL *reduction depending on the lifting angle*

- For safe lifting and carrying of flanged steel drums in an upright position
- For barrels not sealed or filled without a lid, holders with slings in double or triple sets should be used
- Self-Clamping Chuck — Should not be used with a load of less than 20% of the WLL





CODE	WLL [kg]	Gripping range [mm]	Dimensions [mm]									Mass [kg]
			H	C	L	D	E	F	G	M	N	
ZGL 0.5	500	0—17	150	125	150	39	15,5	28	42	35	21	1,4

MIPROMET

Clamp for precast concrete manhole rings

miproClamp

GDA BZ Clamp for precast concrete manhole rings

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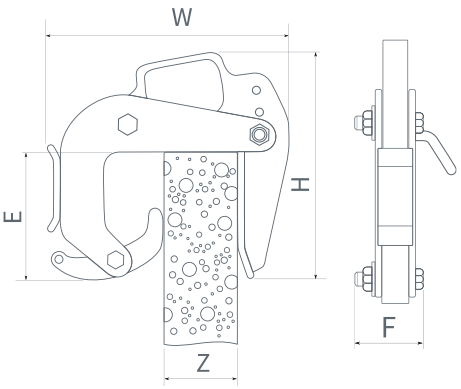
24h INSTOCK Program

- For the safe lifting and vertical handling of concrete pipes and round wells
- For mounting inspection chambers on sewage pipelines
- Only for use in triple sets with chain slings

- The handle is used to attach or remove the clamp and facilitate precise maneuvering of the load



Code	WLL* [kg]	Gripping range Z [mm]	Dimensions [mm] W	E	H	F	Mass [kg]
GDA BZ 2.1	2 100	40 – 120	360	220	420	50	12,7
GDA BZ 3.0	3 000	50 – 180	470	275	470	65	23
GDA BZ 4.0	4 000	90 – 220	470	275	480	65	25

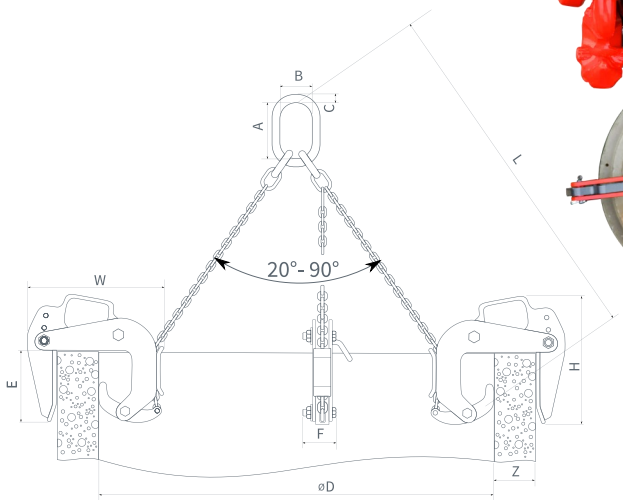
* *The given WLL value relates to a complete three-leg sling completed with the indicated grips*

GDA Sling for precast concrete manhole rings

CE Declaration of conformity 2006/42/EC manufactured according to Directive EN 13155 meets the Standard

24h INSTOCK Program

- For the safe lifting and vertical handling of concrete pipes and precast manhole rings
- For mounting inspection chambers on sewage pipelines
- Only for use in triple sets with chain slings
- Handles on each of the three clamps are used to attach or remove the clamps and facilitate precise maneuvering of the load



Code	WLL [kg]	Gripping range Z [mm]	ØD$_{max}$	L	A	B	C	Dimensions [mm] W	E	H	F
GDA 2.1	2 100	40 – 120	2 500	2 000	160	90	22	360	220	420	53
GDA 3.0	3 000	50 – 180	2 500	2 000	160	90	23	470	275	470	78
GDA 4.0	4 000	90 – 220	3 000	2 500	160	90	23	470	275	480	90

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