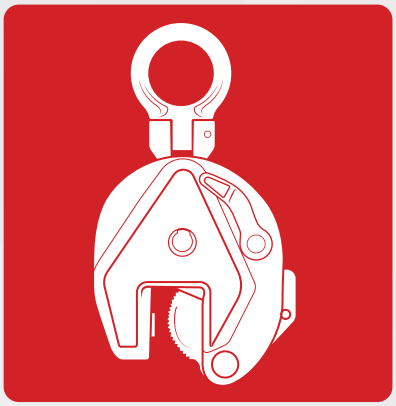
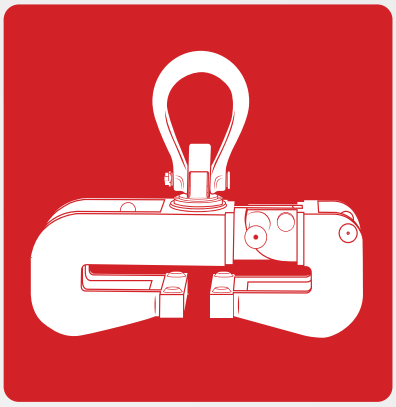
LIFTING CLAMPS & MAGNETS

Innovative lifting clamps for safer and more efficient lifts.





thecrosbygroup®

thecrosbygroup.com

IPU10

Universal - for lifting in any direction

- Available in capacities of .5 thru 30 metric tons (higher Working Load Limits are available upon request).
- Wide variety of jaw openings available: 0” to 6.13”.
- Welded alloy steel body for strength and smaller size. Forged alloy components, where required.
- Individually Proof Tested to 2 times the Working Load Limit with certification.
- Company name (Crosby IP), logo, Working Load Limit and jaw opening permanently stamped on body.
- Each product is individually serialized, with the serial number and Proof Load test date stamped on body. User manual with test certificate is included with each clamp.
- Available in a variety of styles:
  - IPU10 - Standard clamp for materials with a surface hardness to 363HV10 (345 HB).
  - IPU10J - Larger jaw opening.
  - IPU10S - For use with stainless steel material.
  - IPU10H - For use with materials with a surface hardness to 472HV10 (450 HB).
- Full 180° turning range for material transfer, turning or moving.
- Lock open, lock closed ability with latch for pretension on material and then release of material.
- For use with materials with a surface hardness to 279HV10. Only 5% minimum WLL is needed.
- Maintenance and repair kits are available.
- Minimum WLL is 5% of maximum WLL for .5t IPU10 only.
- Minimum WLL is 10% of maximum WLL for all other IPU10, IPU10J, IPU10S, IPU10H clamps.

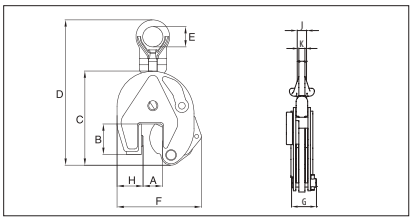
IPU10S

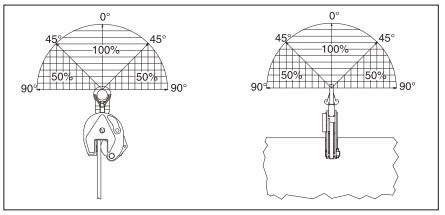
Model IPU10 / IPU10J / IPU10S / IPU10H

Load Rated

Model	Working Load Limit (t)*	Stock No.	Weight Each (lb)	Dimensions (in)									
				Jaw A	B	C	D	E	F	G	H	J	K
IPU10	0.5	2701675	4.19	0 - 0.63	1.73	5.12	8.50	1.57	4.53	1.65	1.10		0.43
IPU10	1	2701663	5.29	0 - 0.75	1.77	5.47	8.86	1.57	5.00	1.65	1.50		0.43
IPU10	2	2701677	18.3	0 - 1.38	3.07	7.91	14.49	2.76	7.40	2.52	2.17		0.63
IPU10	3	2701665	32.6	0 - 1.56	3.94	9.96	17.17	2.95	8.74	3.07	2.36		0.79
IPU10	4.5	2701667	35.3	0 - 1.56	3.94	9.96	17.17	2.95	8.94	3.23	2.56		0.79
IPU10	6	2701669	52.9	0 - 2.00	4.96	11.89	20.67	3.15	11.50	3.31	3.74	1.73	0.79
IPU10	9	2701671	65.0	0 - 2.00	4.96	12.80	21.73	3.15	12.20	3.70	4.09	1.73	0.79
IPU10	12	2701679	126	0 - 2.13	6.30	15.43	24.25	3.15	17.05	4.76	5.39	1.61	0.98
IPU10	16	2701683	174	0.2 - 2.50	7.09	18.23	28.98	3.46	19.37	4.76	6.02	1.77	0.98
IPU10	22.5	2701687	278	0.2 - 3.13	8.74	21.81	33.98	4.33	22.24	5.47	7.32	1.93	0.98
IPU10	30	2701691	311	0.2 - 3.13	8.74	21.81	34.17	4.33	22.83	6.02	7.32	2.13	1.18
With larger jaw opening													
IPU10J	0.5	2701647	4.19	0.63 - 1.19	1.77	5.04	8.19	1.57	5.04	1.65	1.34		0.43
IPU10J	1	2702463	5.51	0.75 - 1.56	2.17	5.94	8.86	1.57	5.55	1.65	1.57		0.43
IPU10J	3	2702465	38.1	1.56 - 3.13	4.53	10.63	17.01	2.95	10.91	3.07	2.64		0.79
IPU10J	4.5	2702467	41.9	1.56 - 3.13	4.53	10.63	17.01	2.95	10.91	3.23	2.83		0.79
IPU10J	6	2702469	58.4	2.00 - 4.00	4.96	11.89	20.28	3.15	13.23	3.31	3.74	1.73	0.79
IPU10J	9	2701673	67.2	2.00 - 4.00	4.96	12.80	21.65	3.15	14.17	3.70	4.13	1.73	0.79
IPU10J	12	2701681	143	2.13 - 4.25	7.01	17.24	26.06	3.15	19.33	4.76	5.35	1.61	0.98
IPU10J	16	2701685	187	2.50 - 5.00	8.19	20.51	30.87	3.46	22.13	4.76	6.30	1.77	0.98
IPU10J	22.5	2701689	328	3.13 - 6.13	10.04	24.72	36.93	4.33	25.98	5.47	7.72	1.93	0.98
IPU10J	30	2701693	364	3.13 - 6.13	10.04	24.72	37.09	4.33	25.98	6.02	7.72	2.13	1.18
For stainless steel - with universal hoisting eye													
IPU10S	0.5	2702275	4.19	0 - 0.63	1.73	5.12	8.50	1.57	4.53	1.65	1.10		0.43
IPU10S	1	2702263	5.29	0 - 0.75	1.77	5.47	8.86	1.57	5.00	1.61	1.50		0.43
IPU10S	2	2702277	18.7	0 - 1 .38	3.07	7.91	14.49	2.76	7.40	2.52	2.17		0.63
IPU10S	3	2702265	32.6	0 - 1.56	3.94	9.96	17.17	2.95	8.74	3.07	2.36		0.79
IPU10S	4.5	2702267	35.3	0 - 1.56	3.94	9.96	17.17	2.95	8.94	3.23	2.56		0.79
IPU10S	6	2702269	52.9	0 - 2.00	4.96	11.89	20.67	3.15	11.50	3.31	3.74	1.73	0.79
IPU10S	9	2702271	65.0	0 - 2.00	4.96	12.80	21.73	3.15	12.20	3.70	4.09	1.73	0.79
IPU10S	12	2702279	126	0 - 2.13	6.30	15.43	24.25	3.15	17.05	4.76	5.39	1.61	0.98
For very hard materials - with universal hoisting eye													
IPU10H	0.5	2702175	4.19	0 - 0.63	1.73	5.12	8.50	1.57	4.53	1.65	1.10		0.43
IPU10H	0.75	2702163	5.29	0 - 0.79	1.77	5.47	8.86	1.57	5.00	1.61	1.50		0.43
IPU10H	1	2702177	18.3	0 - 1.38	3.07	7.91	14.49	2.76	7.40	2.52	2.17		0.63
IPU10H	2	2702165	32.6	0 - 1.56	3.94	9.96	17.17	2.95	8.74	3.07	2.36		0.79
IPU10H	3	2702167	35.3	0 - 1.56	3.94	9.96	17.17	2.95	8.94	3.23	2.56		0.79
IPU10H	4.5	2702169	52.9	0 - 2.00	4.96	11.89	20.67	3.15	11.50	3.31	3.74	1.73	0.79
IPU10H	6	2702171	65.0	0 - 2.00	4.96	12.80	21.73	2.76	12.20	3.70	4.09	1.73	0.79

Design Factor based on EN 13155 and ASME B30.20. Model IPU10R (remote control opening and closing via a cable) on request. Model IPU10W (wedge) available on request.





IP10

For vertical lifting, turning and transfer

- Available in capacities of .5 through 30 metric tons (higher Working Load Limits are available upon request).
- Wide variety of jaw openings available: 0 to 6.13".
- Welded alloy steel body for strength and smaller size. Forged alloy components, where required.
- Individually Proof Tested to 2 times the Working Load Limit with certification.
- Company name (Crosby IP), logo, Working Load Limit and jaw opening permanently stamped on body.
- Each product is individually serialized, with the serial number and Proof Load test date stamped on body. User manual and test certificate included with each clamp.
- Available in a variety of styles:
  - IP10 - Standard clamp for materials with a surface hardness to 363HV10 (345 HB).
  - IP10J - Larger jaw opening.
  - IP10S - For use with stainless steel material.
  - IP10H - For use with materials with a surface hardness to 472HV10 (450 HB).
- Full 180° turning range for material transfer, turning or moving.
- Lock open, lock closed ability with latch for pretension on material and then release of material.
- For plate surface hardness till 279HV10, only 5% min. WLL is needed.
- Maintenance and repair kits are available.
- Minimum WLL is 5% of maximum WLL for .5t IP10 only.
- Minimum WLL is 10% of maximum WLL for all other IP10, IP10J, IP10S, IP10H clamps.

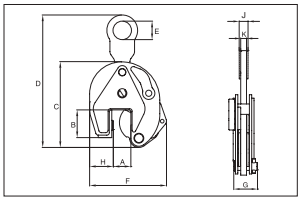
IP10H

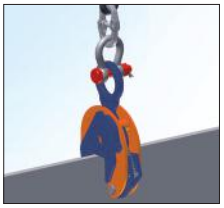
Model IP10 / IP10J / IP10S / IP10H

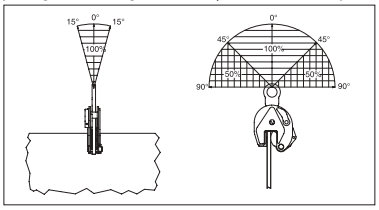
Load Rated

Model	Working Load Limit (t)*	Stock No.	Weight Each (lb)	Dimensions (in)									
				Jaw A	B	C	D	E	F	G	H	J	K
IP10	0.5	2701674	3.97	0 - 0.63	1.73	5.12	7.99	1.57	4.53	1.65	1.10		0.43
IP10	1	2701662	4.85	0 - 0.75	1.77	5.47	8.35	1.57	5.00	1.65	1.50		0.43
IP10	2	2701676	16.8	0 - 1.38	3.07	7.91	12.99	2.76	7.40	2.52	2.17		0.63
IP10	3	2701664	30.4	0 - 1.56	3.94	9.96	17.09	2.95	8.74	3.07	2.36		0.79
IP10	4.5	2701666	33.1	0 - 1.56	3.94	9.96	17.09	2.95	8.94	3.23	2.56		0.79
IP10	6	2701668	51.8	0 - 2.00	4.96	11.89	20.35	3.15	11.50	3.31	3.74	1.57	0.79
IP10	9	2701670	60.6	0 - 2.00	4.96	12.80	17.52	3.15	12.20	3.70	4.09	1.73	0.98
IP10	12	2701678	108	0 - 2.13	6.30	15.43	22.60	3.15	17.05	4.76	5.39	1.61	0.98
IP10	16	2701682	150	0.25 - 2.50	7.09	18.23	27.01	3.46	19.37	4.76	6.02	1.93	0.98
IP10	22.5	2701686	243	0.25 - 3.13	8.74	21.81	31.81	4.33	22.24	5.47	7.32	1.93	0.98
IP10	30	2701690	273	0.25 - 3.13	8.74	21.81	31.61	4.33	22.24	6.02	7.32	2.13	1.18
With larger jaw opening													
IP10J	0.5	2701646	3.97	0.59 - 1.18	1.77	5.04	8.23	1.57	5.04	1.61	1.26		0.43
IP10J	1	2702462	5.07	0.75 - 1.56	2.17	5.94	8.35	1.57	5.55	1.65	1.57		0.43
IP10J	3	2702458	36.4	1.56 - 3.13	4.53	10.63	16.93	2.95	10.91	3.07	2.64		0.79
IP10J	4.5	2702460	39.7	1.56 - 3.13	4.53	10.63	16.93	2.95	10.91	3.23	2.83		0.79
IP10J	6	2701705	54.0	2.00 - 4.00	4.96	11.89	19.92	3.15	13.23	3.31	3.74	1.57	0.79
IP10J	9	2701672	62.8	2.00 - 4.00	4.96	12.80	21.34	3.15	14.17	3.70	4.13	1.73	0.98
IP10J	12	2701680	128	2.13 - 4.25	7.01	17.24	24.41	3.15	19.33	4.76	5.35	1.61	0.98
IP10J	16	2701684	176	2.50 - 5.00	8.19	20.51	28.90	3.46	22.13	4.76	6.30	1.77	0.98
IP10J	22.5	2701688	289	3.13 - 6.13	10.04	24.72	34.76	4.33	25.98	5.47	7.72	1.93	0.98
IP10J	30	2701692	324	3.13 - 6.13	10.04	24.72	34.92	4.33	25.98	6.02	7.72	2.13	1.18
For stainless steel - with fixed hoisting eye													
IP10S	0.5	2702274	3.97	0 - 1.38	1.73	5.12	7.99	1.57	4.53	1.65	1.10		0.43
IP10S	1	2702262	16.8	0 - 1.56	1.77	5.47	8.35	1.57	5.00	1.65	1.50		0.43
IP10S	2	2702276	30.4	0 - 1.56	3.07	7.91	12.99	2.76	7.40	2.52	2.17		0.63
IP10S	3	2702264	33.1	0 - 2.00	3.94	9.96	17.09	2.95	8.74	3.07	2.36		0.79
IP10S	4.5	2702266	51.8	0 - 2.00	3.94	9.96	17.09	2.95	8.94	3.23	2.56		0.79
IP10S	6	2702268	60.6	0 - 2.00	4.96	11.89	20.35	3.15	11.50	3.31	3.74	1.57	0.79
IP10S	9	2702270	60.6	0 - 2.13	4.96	12.80	21.42	3.15	12.20	3.70	4.09	1.73	0.98
IP10S	12	2702278	108	0 - 0.63	6.30	15.43	22.60	3.15	17.05	4.76	5.39	1.61	0.98
For very hard materials - with fixed hoisting eye													
IP10H	0.5	2702174	3.97	0 - 1.38	1.73	5.12	8.15	1.57	4.53	1.65	1.10		0.43
IP10H	0.75	2702162	4.85	0 - 1.56	1.77	5.47	8.62	1.57	5.12	1.10	1.50		0.43
IP10H	1.0	2702176	16.8	0 - 1.56	3.07	7.91	12.99	2.76	7.40	2.52	2.17		0.63
IP10H	2.0	2702164	30.4	0 - 2.00	3.94	9.96	17.09	2.95	8.74	3.07	2.36		0.79
IP10H	3.0	2702166	33.1	0 - 2.00	3.94	9.96	17.09	2.95	8.94	3.23	2.56		0.79
IP10H	4.5	2702168	51.8	0 - 2.36	4.96	11.89	20.35	3.15	11.50	3.31	3.74	1.57	0.79
IP10H	6.0	2702170	60.6	0 - 2.00	4.96	12.80	21.42	3.15	12.20	3.62	4.13	1.73	0.98

Design Factor based on EN 13155 and ASME B30.20. Model IP10 available in 40t, 55t and 100t on request.Model IP10R (remote control opening and closing via a cable) available on request.







IPNM10N

For use in almost all sectors of industry where, during the lift or transfer, no damage to the material is permitted.

- Available in capacities of .5 , 1 and 2 metric tons (higher Working Load Limits are available upon request).
- Wide variety of jaw openings available: 0” to 1.56”
- Welded alloy steel body for strength and smaller size. Forged alloy components, where required.
- Individually Proof Tested to 2 times the Working Load Limit with certification.
- Company name (Crosby IP), logo, Working Load Limit and jaw opening permanently stamped on body.
- Each product is individually serialized, with the serial number and Proof Load test date stamped on body. User manual with test certificate is included with each clamp.
- Full 180° turning range for material transfer, turning or moving.
- Lock open, lock closed ability with latch for pretension on material and then release of material.
- Material must be clean and dry.
- There is no minimum WLL required.
- Maintenance replacement kits are available.
- Temperature range -20° C to 70° C
- Optional with brake pad lining for temperature range -40° C to +200° C
- Special jaw openings or curved jaws upon request.

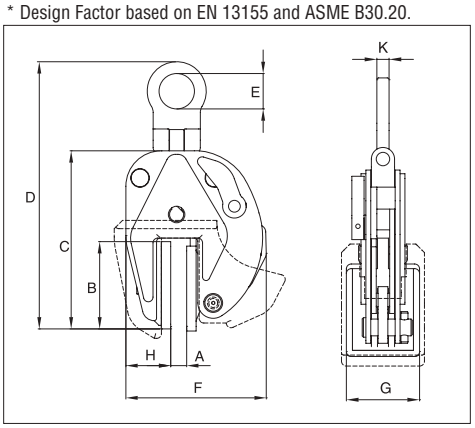
IPNM10P

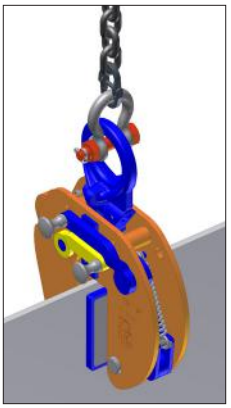
Load Rated

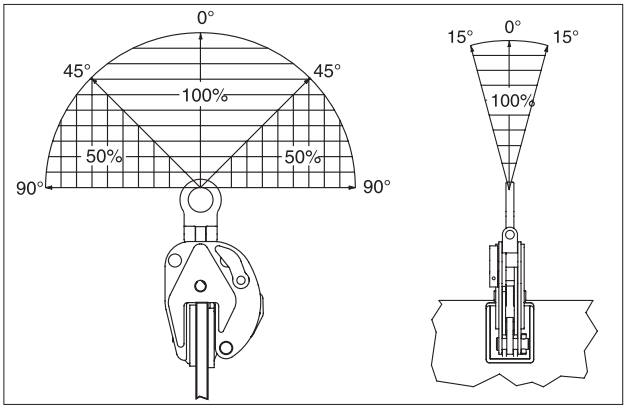
Model IPNM10

Model	Working Load Limit (t)*	Stock No.	Weight Each (lb)	Dimensions (in)								
				Jaw A	B	C	D	E	F	G	H	K
IPNM10N	0.5	2703811	5.95	0 - 0.38	3.31	6.26	9.25	1.57	5.04	2.36	1.61	0.43
IPNM10N	1	2703738	9.70	0 - 0.81	3.82	8.23	10.94	1.57	7.24	3.15	2.20	0.43
IPNM10	2	2703442	32.0	0 - 1.56	6.02	10.16	15.59	2.76	11.65	3.94	6.34	0.63
With protection cap												
IPNM10P	0.5	2703278	6.17	0 - 0.38	3.23	6.18	8.70	1.57	5.71	2.68	1.89	0.43
IPNM10P	1	2703279	9.92	0 - 0.81	3.82	7.68	10.87	1.57	8.07	3.23	2.60	0.43
With larger jaw opening												
IPNM10NJ	1	2703814	10.4	0.81 - 1.44	3.82	8.66	12.64	1.57	7.87	3.15	2.20	0.43
IPNM10NJ1	1	2703819	12.1	0 - 1.00	3.82	9.37	13.82	1.57	8.39	3.15	2.48	0.43

* Design Factor based on EN 13155 and ASME B30.20.



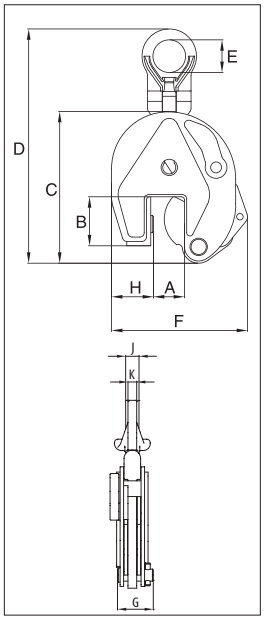




IPU10A

For vertical transport of plates

- Available in capacities of 1, 2 and 6 metric tons (higher Working Load Limits are available upon request).
- Jaw openings available: 0" to 2".
- Welded alloy steel body for strength and smaller size. Forged alloy components where required.
- Individually Proof Tested to 2 times the Working Load Limit with certification.
- Company name (Crosby IP), logo, Working Load Limit and jaw opening permanently stamped on body.
- Each product is individually serialized, with the serial number and Proof Load test date stamped on body. User manual with test certificate is included with each clamp.
- Full 180° turning range for material transfer, turning or moving.
- Lock open, lock closed ability with latch for pretension on material and then release of material.
- Minimum WLL of 10% of Maximum WLL.
- Maintenance and repair kits are available.
- For use with materials with a plate surface hardness to 279HV10, only 5% of minimum WLL is needed.

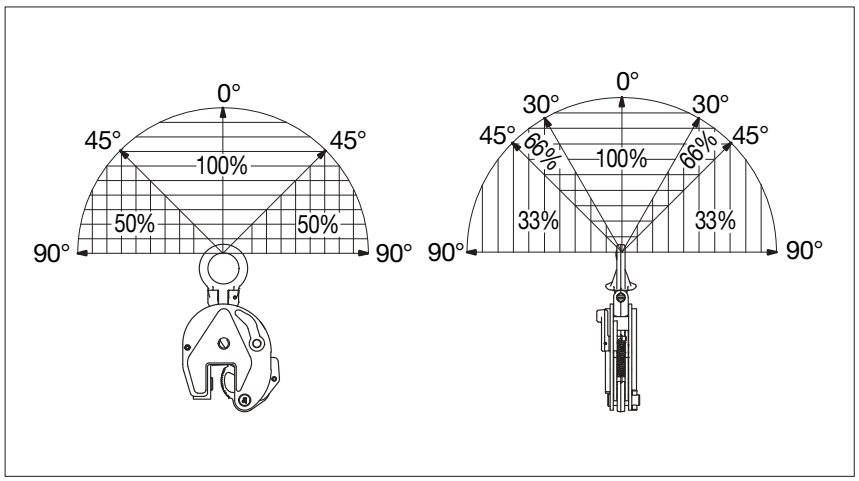


Load Rated

Model IPU10A

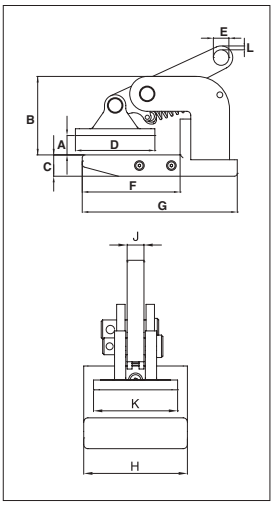
Model	Working Load Limit (t)*	Stock No.	Weight Each (lb)	Dimensions (in)									
				Jaw A	B	C	D	E	F	G	H	J	K
IPU10A	1	2701628	5.07	0 - 0.81	1.77	5.47	8.86	1.57	5.00	1.65	1.50	-	0.43
IPU10A	2	2701629	18.5	0 - 1.38	3.07	7.91	14.49	2.76	7.40	2.52	2.17	-	0.63
IPU10A	6	2701638	56.0	0 - 2.00	4.96	11.89	20.67	3.15	11.50	3.31	3.74	1.73	0.79

* Design Factor based on EN 13155 and ASME B30.20.

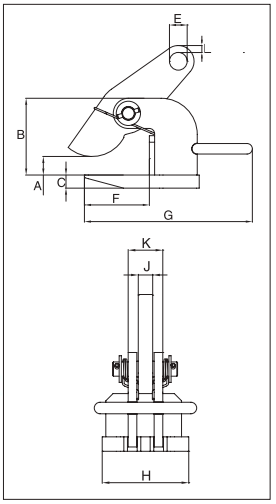


12

IPHNM10



IPH10



For Horizontal Lift and Transfer with Pretension System

- Available in capacities of .5 thru 12 metric tons.
- Jaw openings available: 0" to 4.75".
- Welded alloy steel body for strength and smaller size. Forged alloy components, where required.
- Individually Proof Tested to 2 times the Working Load Limit with certification.
- Company name (Crosby IP), logo, Working Load Limit and jaw opening permanently stamped on body.
- Each product is individually serialized, with the serial number and Proof
- Load test date stamped on body. User manual with test certificate is included with each clamp.
- Maintenance and repair kits are available

Load Rated

Model IPHNM10

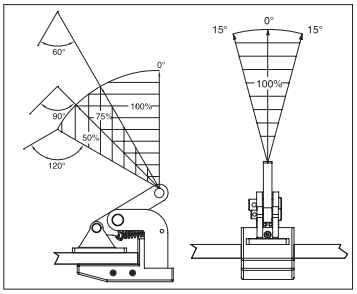
Model	Working Load Limit (Per Pair) (t)*	Stock No.	Weight Each (lb)	Dimensions (in)										
				Jaw A	B	C	D	E	F	G	H	J	K	L
IPHNM10	0.5	2703287	4.0	0 - 0.81	3.19	0.87	3.23	0.63	3.98	6.30	2.91	0.47	2.36	0.16
IPHNM10	1	2703288	7.0	0 - 1.38	3.66	1.18	3.62	0.63	4.06	6.46	2.91	0.47	2.36	0.28
IPHNM10	2	2703290	16.0	0 - 1.18	5.47	1.18	5.16	0.87	6.54	9.65	3.94	0.79	2.91	0.35
IPHNM10J	2	2703291	17.0	1.19 - 2.38	6.65	1.18	5.16	0.87	6.54	9.65	3.94	0.79	2.91	0.35

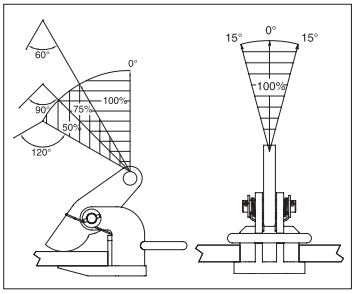
* Design Factor based on EN 13155 and ASME B30.20.

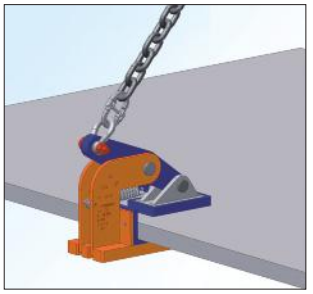
Model IPH10 / IPH10J: With Spring Loaded Tension, Magnets and Handle

Model	Working Load Limit (Per Pair) (t)*	Stock No.	Weight Each (lb)	Dimensions (in)									
				Jaw A	B	C	E	F	G	H	J	K	L
IPH10	0.5+	2703297	3.97	0 - 0.81	3.39	0.47	0.63	4.06	5.91	2.36	0.47	1.06	0.16
IPH10	1+	2703298	5.50	0 - 1.38	3.94	0.63	0.63	4.06	5.91	2.36	0.47	1.22	0.28
IPH10	2	2703522	24.3	0 - 2.38	4.61	0.63	0.87	4.29	10.08	4.33	0.79	1.57	0.35
IPH10	3	2703523	33.1	0 - 2.38	4.61	0.79	1.02	4.29	10.47	4.72	0.79	1.89	0.43
IPH10	4.5	2703524	46.3	0 - 2.38	5.20	0.98	1.18	4.09	11.02	5.12	0.79	1.89	0.47
IPH10	6	2703525	57.3	0 - 2.38	5.63	0.98	1.42	4.84	12.60	5.12	0.79	1.89	0.55
IPH10	9	2703526	81.6	0 - 2.38	6.18	1.18	1.69	5.24	12.99	5.51	0.98	2.44	0.63
IPH10	12	2703527	94.8	0 - 2.38	6.77	1.18	1.85	5.55	13.90	5.91	0.98	2.44	0.67
With larger jaw opening #													
IPH10J	3	2703533	19.0	2.38 - 4.75	6.97	0.79	1.02	4.29	10.47	4.72	0.79	1.89	0.35
IPH10J	4.5	2703534	26.0	2.38 - 4.75	7.56	0.98	1.18	4.09	11.02	5.12	0.79	1.89	0.43
IPH10J	6	2703535	33.0	2.38 - 4.75	7.99	0.98	1.42	4.84	12.60	5.12	0.79	1.89	0.47
IPH10J	9	2703536	45.0	2.38 - 4.75	8.54	1.18	1.69	5.24	12.99	5.51	0.98	2.44	0.55
IPH10J	12	2703537	53.0	2.38 - 4.75	9.13	1.18	1.85	5.55	13.90	5.91	0.98	2.44	0.63

* Design Factor based on EN 13155 and ASME B30.20.+ No handle or magnets. # Larger Working Load Limits available.



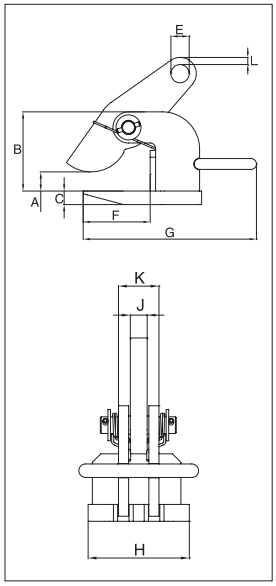




IPH10E

For horizontal lifting and transfer

- Available in capacities of 2.0 thru 25 metric tons.
- Wide variety of jaw openings available: 0 to 4.75".
- Welded alloy steel body for strength and smaller size. Forged alloy, components where required.
- Equipped with handle for easy placement.
- Individually Proof Tested to 2 times the Working Load Limit with certification.
- Company name (CrosbyIP), logo, Working Load Limit and jaw opening permanently stamped on body.
- Each product is individually serialized, with the serial number and Proof Load test date stamped on body. User manual with test certificate is included with each clamp.
- Maintenance and repair spare kits are available.



Load Rated

Model IPH10E

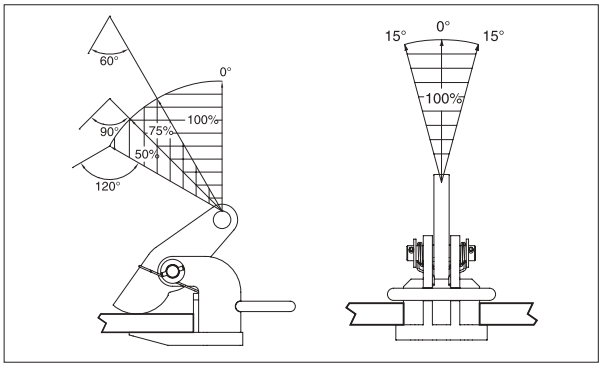
Model	Working Load Limit (Per Pair) (t)*	Stock No.	Weight Each (lb)	Dimensions (in)									
				Jaw A	B	C	E	F	G	H	J	K	L
IPH10E	2	2703542	24.0	0 - 2.38	4.61	0.63	0.87	4.29	10.08	4.33	0.79	1.57	0.35
IPH10E	3	2703543	32.0	0 - 2.38	4.61	0.79	1.02	4.29	10.47	4.72	0.79	1.89	0.43
IPH10E	4.5	2703544	46.0	0 - 2.38	5.20	0.98	1.18	4.09	11.02	5.12	0.79	1.89	0.47
IPH10E	6	2703545	56.0	0 - 2.38	5.63	0.98	1.42	4.84	12.60	5.12	0.79	1.89	0.55
IPH10E	9	2703546	80.0	0 - 2.38	6.18	1.18	1.69	5.24	12.99	5.51	0.98	2.44	0.63
IPH10E	12	2703547	94.0	0 - 2.38	6.77	1.18	1.85	5.55	13.90	5.91	0.98	2.44	0.67

*Design Factor based on EN 13155 and ASME B30.20.

Model IPH10JE

Model	Working Load Limit (Per Pair) (t)*	Stock No.	Weight Each (lb)	Dimensions (in)									
				Jaw A	B	C	E	F	G	H	J	K	L
IPH10JE	3	2703553	19.0	2.38 - 4.75	6.97	0.79	1.02	4.29	10.47	4.72	0.79	1.89	0.43
IPH10JE	4.5	2703554	26.0	2.38 - 4.75	7.56	0.98	1.18	4.09	11.02	5.12	0.79	1.89	0.47
IPH10JE	6	2703555	33.0	2.38 - 4.75	7.99	0.98	1.42	4.84	12.60	5.12	0.79	1.89	0.55
IPH10JE	9	2703556	45.0	2.38 - 4.75	8.54	1.18	1.18	5.24	12.99	5.51	0.98	2.44	0.63
IPH10JE	12	2703557	53.0	2.38 - 4.75	9.13	1.18	1.85	5.55	13.90	5.91	0.98	2.44	0.67

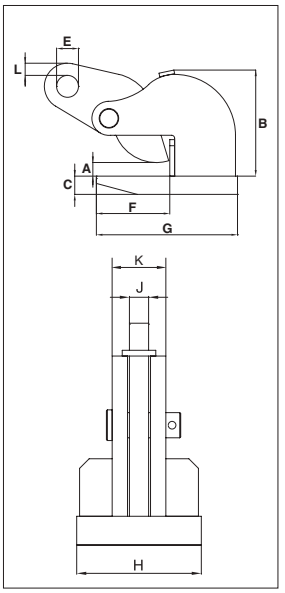
* Design Factor based on EN 13155 and ASME B30.20.



IPHOZ

For Horizontal Lifting and Transfer

- Available in capacities of .75 through 15 metric tons (higher Working Load Limits are available upon request).
- Wide variety of jaw openings available: 0” to 2.38”.
- Welded alloy steel body for strength and smaller size. Forged alloy, components where required.
- Equipped with handle for easy placement.
- Individually Proof Tested to 2 times the Working Load Limit with certification.
- Company name (Crosby IP), logo, Working Load Limit and jaw opening permanently stamped on body.
- Each product is individually serialized, with the serial number and Proof Load test date stamped on body. User manual with test certificate is included with each clamp.
- Maintenance and repair kits are available.

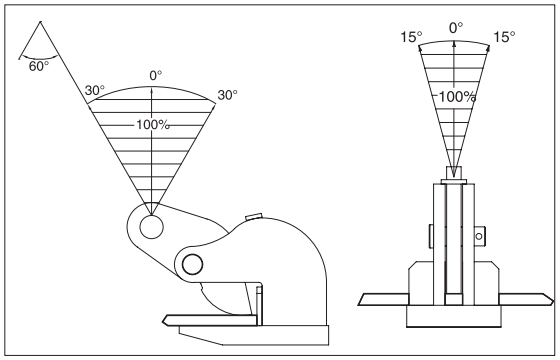


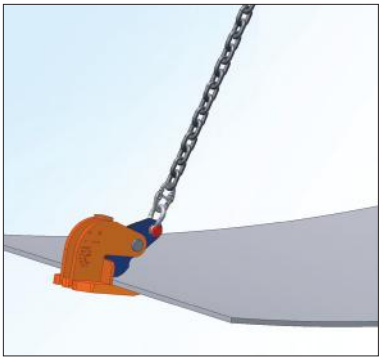
Load Rated

Model IPHOZ

Model	Working Load Limit (Per Pair) (t)*	Stock No.	Weight Each (lb)	Dimensions (in)									
				Jaw A	B	C	E	F	G	H	J	K	L
IPHOZ	0.75	2705401	6.0	0 - 1.19	3.70	0.63	0.63	2.76	4.65	3.19	0.47	1.22	0.47
IPHOZ	1.5	2705402	12.0	0 - 1.75	5.24	0.63	0.87	4.92	7.56	3.94	0.63	1.42	0.47
IPHOZ	3	2705403	17.0	0 - 1.75	5.39	0.79	1.02	4.92	7.87	4.72	0.79	1.89	0.39
IPHOZ	4.5	2705404	21.0	0 - 1.75	5.43	0.98	1.18	4.96	8.66	4.72	0.79	1.97	0.39
IPHOZ	6	2705405	34.0	0 - 2.38	6.73	1.18	1.42	5.31	9.25	5.12	0.79	2.20	0.79
IPHOZ	9	2705406	55.0	0 - 2.38	8.31	1.18	1.69	6.54	10.87	6.30	0.98	2.44	0.79
IPHOZ	12	2705407	64.0	0 - 2.38	8.54	1.57	1.85	6.61	11.57	7.48	0.98	2.44	0.75
IPHOZ	15	2705408	80.0	0 - 2.38	8.66	1.57	1.85	7.20	12.48	9.84	0.98	2.44	0.87

*Design Factor based on EN 13155 and ASME B30.20.





IPPE10B(E)

IPPE10BNM

For lifting and transporting non-bendable sheet metal in a horizontal position.

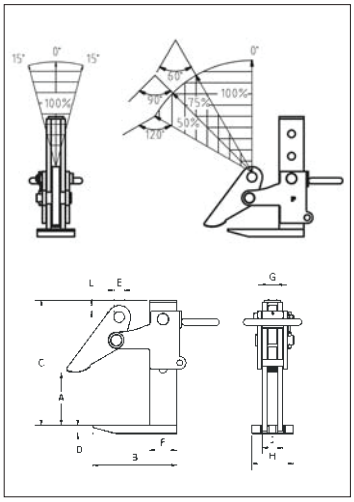
- Available in capacities of 3 through 12 metric tons (higher Working Load Limits are available upon request).
- Wide variety of jaw openings available: 0 to 7.13”.
- Welded alloy steel body for strength and smaller size. Forged alloy components, where required.
- Individually Proof Tested to 2 times the Working Load Limit with certification.
- Company name (Crosby IP), logo, Working Load Limit and jaw opening permanently stamped on body.
- Each product is individually serialized, with the serial number and Proof Load test date stamped on body. User manual with test certificate is included with each clamp.
- Maintenance and repair kits are available.
- IPPE10B: Magnets in foot plate (also applies for D and H Type).
- IPPE10BE: Economic version (also applies for D and H-Type).
- IPPE10BNM: Non-marring (also applies for D and H-Type).

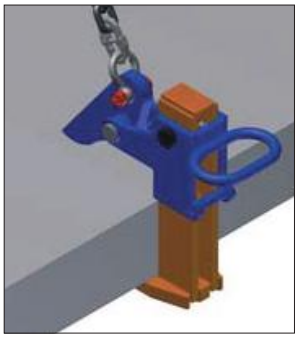
Load Rated

Model IPPE10B / IPPE10BE / IPPE10BNM

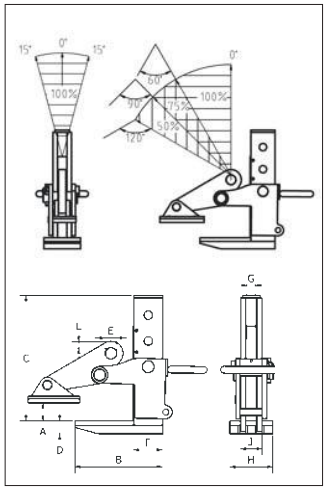
Model	Working Load Limit (Per Pair) (t)*	Stock No.	Weight Each (lb)	Dimensions (in)									
				Jaw A	B	C	D	E	F	G	H	J	L
IPPE10B	3	2703862	25.0	0 - 7.13	8.03	12.68	0.79	1.02	2.60	0.79	3.94	1.97	0.59
IPPE10B	6	2703871	35.0	0 - 7.13	8.66	13.39	0.98	1.18	2.91	0.79	5.51	2.36	0.51
IPPE10B	9	2703888	54	0 - 7.13	9.76	14.37	0.98	1.34	3.54	0.79	7.48	2.76	0.51
IPPE10B	12	2703921	72	0 - 7.13	9.92	14.80	1.18	1.57	3.54	0.98	7.87	2.76	0.71
IPPE10BE	3	2703863	25	0 - 7.13	8.03	12.68	0.79	1.02	2.60	0.79	3.94	1.97	0.59
IPPE10BE	6	2703870	36	0 - 7.13	8.66	13.39	0.98	1.18	2.91	0.79	5.51	2.36	0.51
IPPE10BE	9	2703891	55	0 - 7.13	9.76	14.37	0.98	1.34	3.54	0.79	7.48	2.76	0.51
IPPE10BE	12	2703924	72	0 - 7.13	10.31	14.80	1.18	1.57	3.54	0.98	7.87	2.76	0.71
IPPE10BNM	3	2703864	27	0 - 7.13	8.03	12.68	1.18	1.02	2.68	0.79	3.94	1.97	0.59
IPPE10BNM	6	2703872	38	0 - 7.13	8.66	13.39	1.38	1.18	2.99	0.79	5.51	2.36	0.51
IPPE10BNM	9	2703894	61.0	0 - 7.13	9.76	14.37	1.38	1.34	3.62	0.79	7.48	2.76	0.51
IPPE10BNM	12	2703927	77.0	0 - 7.13	10.31	14.80	1.57	1.57	3.62	0.98	7.87	2.76	0.59

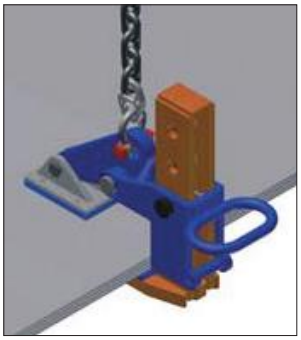
* Design Factor based on EN 13155 and ASME B30.20. Also available in D-Type (maximum jaw opening of 11.75”) and H-Type (maximum jaw opening of 16.50”).





IPPE10(E)





IPPE10NM

IPBC

For Horizontal Transfer - with Pretension System

- Available in capacities of 1 through 4.5 metric tons (Higher Working Load Limits are available upon request).
- Jaw openings available: 0” to 1.56”.
- Welded alloy steel body for strength and smaller size. Forged alloy, components where required.
- Equipped with handle for easy placement.
- Individually Proof Tested to 2 times the Working Load Limit with certification.
- Company name (CrosbyIP), logo, Working Load Limit and jaw opening permanently stamped on body.
- Each product is individually serialized, with the serial number and Proof Load test date stamped on body. User manual with test certificate is included with each clamp.
- Maintenance and repair kits are available.

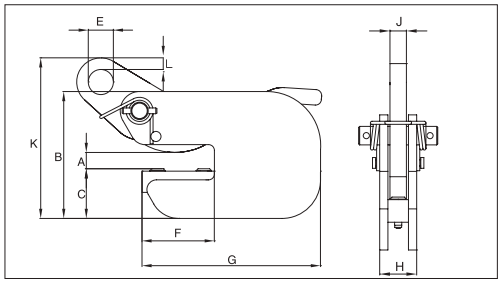
IPHGUZ

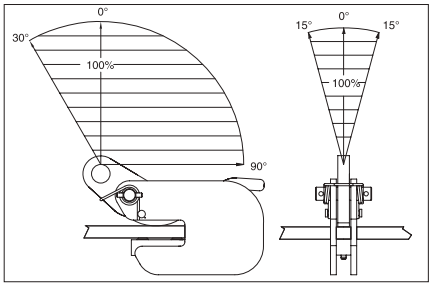
Load Rated

Model IPBC

Model	Working Load Limit (t)*	Stock No.	Weight Each (lb)	Dimensions (in)									
				Jaw A	B	C	E	F	G	H	J	K	L
IPBC	1	2700410	7.72	0 - 0.81	5.20	2.05	1.02	2.95	7.28	1.42	0.63	7.17	0.47
IPBC	2	2700411	14.3	0 - 1.00	5.98	2.44	1.18	3.23	8.27	1.93	0.79	8.58	0.59
IPBC	3	2700412	18.8	0 - 1.00	6.18	2.60	1.18	3.23	8.27	2.24	0.79	8.86	0.59

* Design Factor based on EN 13155 and ASME B30.20.

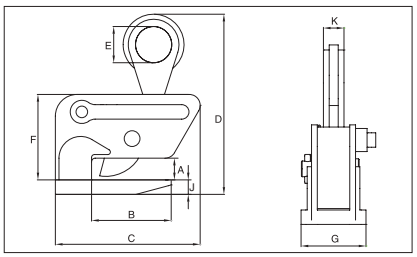


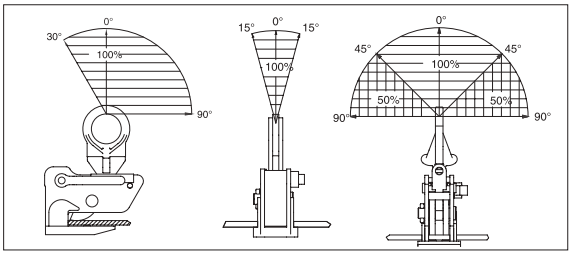


Model IPHGUZ: Universal Lifting Eye / Model IPHGZ: Fixed Hoisting Eye

Model	Working Load Limit (t)*	Stock No.	Weight Each (lb)	Dimensions (in)								
				Jaw A	B	C	D	E	F	G	J	K
IPHGUZ	1.5	2705455	19.8	0 - 1.00	4.33	9.13	11.30	2.76	5.47	3.54	0.79	0.63
IPHGUZ	3	2705456	43.9	0 - 1.56	4.69	9.96	13.70	2.95	6.89	4.72	0.98	0.79
IPHGUZ	4.5	2705457	66.1	0 - 1.56	4.69	11.85	14.57	3.15	6.89	6.10	1.18	1.73
Fixed Hoisting Eye												
IPHGZ	0.75	2705451	8.82	0 - 1.00	3.23	5.83	8.11	1.97	3.90	3.86	0.47	0.87
IPHGZ	1.5	2705452	4.41	0 - 1.00	4.33	7.87	9.84	1.97	4.65	3.54	0.79	1.10
IPHGZ	3	2705453	27.1	0 - 1.56	4.72	8.94	12.01	2.76	5.83	4.72	0.98	1.26
IPHGZ	4.5	2705454	55.1	0 - 1.56	4.72	11.18	15.00	2.76	7.13	6.10	1.18	1.57

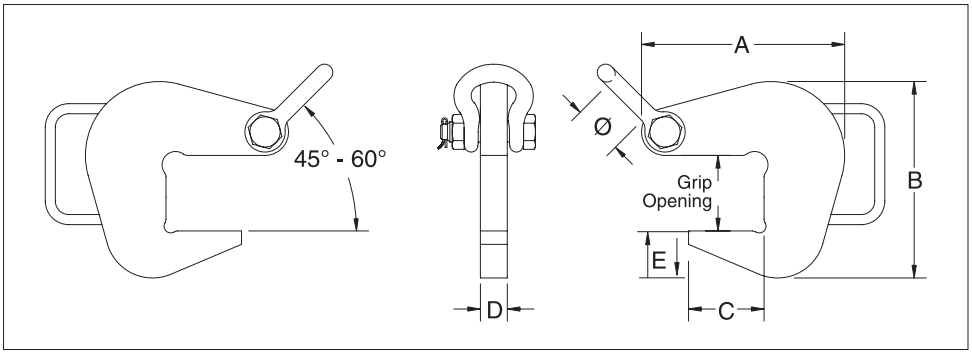
* Design Factor based on EN 13155 and ASME B30.20.





IPPH

- Crosby IP Pipe Hooks provide a fast and efficient method for lifting pipe, tube or any similarly shaped fabrications.
- Alloy steel plate construction.
- Equipped with a convenient handle.
- Equipped with a Bolt Type Shackle.
- Optional non marring inserts available.
- Used in pairs with 45° - 60° horizontal angle or 60° - 90° included angle.



Pipe Hook

Model	Working Load Limit Per Pair (t)**	Stock No.	Weight Each (lb)	Grip Opening (in)	Dimensions (in)						Shackle Size (in)	Nylon (PA6) Inserts*
					A	B	C	D	E	Ø		
IPPH-2	2	2734500	5.94	2.06	5.81	5.06	2.06	1.00	1.25	1.69	5/8	2734900 2734909
IPPH-4	4	2734509	10.03	2.81	7.56	7.31	2.81	1.00	1.75	1.69	5/8	2734918
IPPH-6	6	2734518	17.74	4.06	10.18	10.06	4.06	1.00	2.25	2.00	3/4	2734927
IPPH-10	10	2734527	38.67	6.06	14.81	15.06	6.06	1.00	3.50	2.69	1.0	2734936

**Design factor based on EN13155 and ASME B30.20.

NOTE: To determine grip opening when equipped with an insert, add the insert thickness shown in the Pipe Hook Insert table below.

12

IPPHI

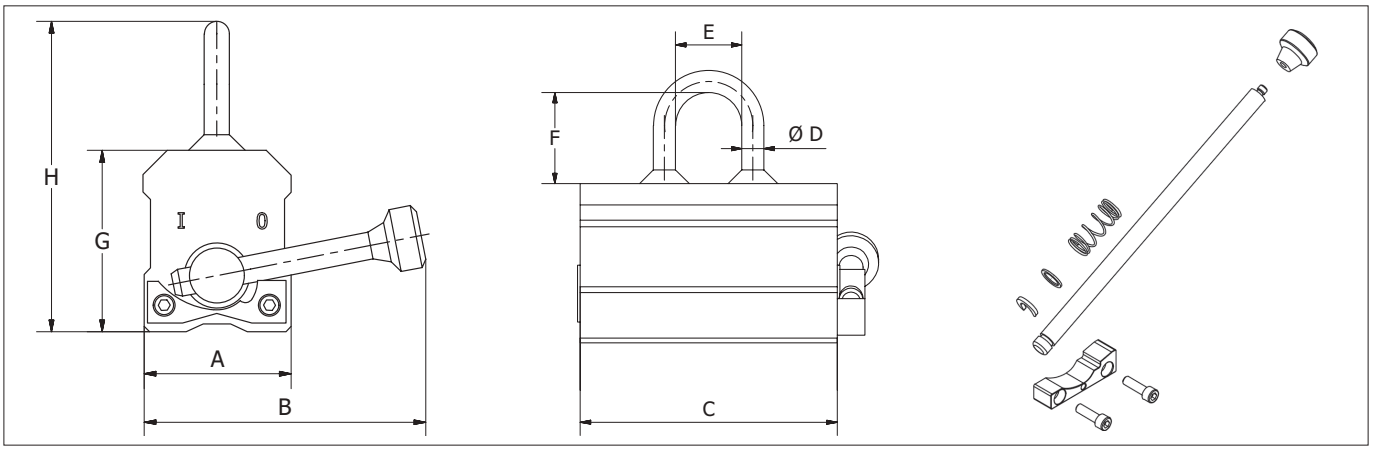
- Replaceable nylon (PA6) inserts for use with the CCPH Pipe Hook that minimizes thread and pipe damage.

Pipe Hook Inserts

Model	Stock No.	ID of Pipe (in)	Grip Opening (in)
IPPHI	2734900	3-12	1.61
	2734909	12-18	1.73
	2734918	18-30	2.48
	2734927	30-42	3.74
	2734936	42-72	5.71

MAGNEX™

- Solid steel construction with recessed area, reducing risk of damage to tags for identification and technical user information.
- Fully welded construction, minimizing maintenance costs.
- Innovative and patented easy switch stop block, equipped with ball bearing and ergonomic handle for increased safety and ease of use.
- Individually proof tested to 3 times the working load limit with certification.
- Each product is individually serialized, with the serial number and proof load test date stamped on body.
- User manual with test certificate included with each magnet
- 5-year warranty on magnetic system.
- CE certified including test certificate in accordance with EN 13155.
- Maintenance replacement kits are available.
- Can be used on both flat and round steel surfaces.



Crosby MAGNEX™ Lifting Magnet

Model	WLL (lb)*	Stock No.	Weight each (lb)	Dimensions (in)							
				A	B	C	D	E	F	G	H
MAGNEX150	331	2708023	6.8	2.4	4.5	4.0	0.4	1.2	1.6	2.7	4.7
MAGNEX300	661	2708024	24	3.9	8.3	6.0	0.6	2.0	2.6	3.9	7.0
MAGNEX600	1323	2708025	47.8	4.7	9.6	9.7	0.8	2.5	2.6	3.9	7.2
MAGNEX1000	2205	2708026	90.2	5.7	13.0	12.0	0.8	2.5	3.6	4.9	9.3
MAGNEX1500	3307	2708027	158.1	6.5	15.4	14.7	0.8	2.5	3.6	6.3	10.7
MAGNEX2000	4409	2708028	201.5	6.5	18.7	18.8	0.8	2.5	3.6	6.3	10.7

Model	Flat Material			Round Material		
	WLL (lb)*	min. thickness for max. WLL (in)*	min. load thickness (in)	WLL (lb)*	min. Ø (in)	max. Ø (in)
MAGNEX150	331	0.98	0.08	166	2.0	3.9
MAGNEX300	661	1.18	0.16	331	2.4	7.9
MAGNEX600	1323	1.57	0.24	662	2.6	10.6
MAGNEX1000	2205	2.36	0.39	1103	3.9	11.8
MAGNEX1500	3307	3.15	0.59	1654	5.9	13.8
MAGNEX2000	4409	3.15	0.59	2205	5.9	13.8

*WLL based on low carbon, mild steel and a working temperature 68°F

IPBK10

For the transfer and stacking of steel beams

- IPVUZ / IPVZ: Available in capacities of 0.75 through 1.5 metric tons.
- IPVUZ / IPVZ: Jaw openings available: 0 to 0.81”.
- IPBK10: Available in capacities of 0.5 through 4 metric tons.
- IPBK10: Jaw openings available: 0.2 to 1.13”.
- Welded alloy steel body for strength and smaller size. Forged alloy components, where required.
- Individually Proof Tested to 2 times the Working Load Limit with certification.
- Company name (Crosby IP), logo, Working Load Limit and jaw opening permanently stamped on body.
- Each product is individually serialized, with the serial number and Proof Load test date stamped on body. User manual with test certificate is included with each clamp.
- Minimum WLL of 10% of Maximum WLL.
- Maintenance and repair kits are available.
- For use with materials with a plate surface hardness to 279HV10, only 5% min WLL is needed.

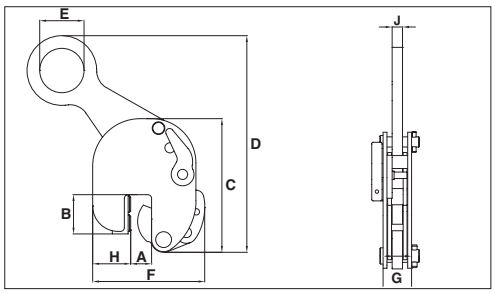
IPVZ

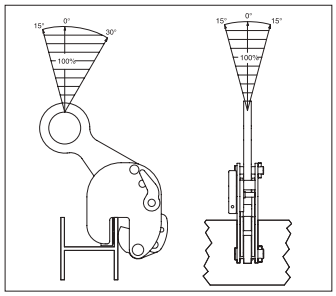
Load Rated

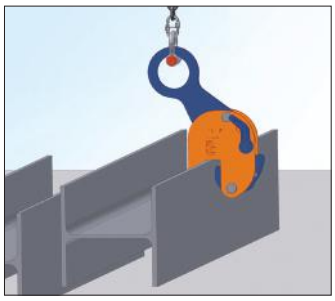
Model IPBK10

Model	Working Load Limit (t)*	Stock No.	Weight Each (lb)	Dimensions (in)								
				Jaw A	B	C	D	E	F	G	H	J
IPBK10	0.5	2703931	5.29	0.19 - 0.63	1.69	5.28	8.50	1.77	4.72	1.89	1.77	0.39
IPBK10	1	2703837	5.73	0.19 - 0.63	1.69	5.98	9.06	1.77	4.84	1.85	1.77	0.39
IPBK10	2	2703838	16.1	0.19 - 1.00	2.44	8.78	13.43	2.76	7.80	2.40	2.76	0.63
IPBK10	4	2703839	37.3	0.19 - 1.13	2.95	11.10	16.97	3.94	9.13	3.07	2.83	0.79

Design Factor based on EN 13155 and ASME B30.20.





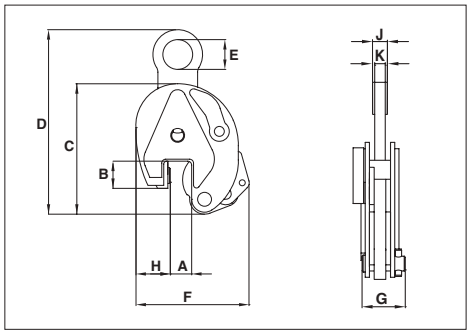


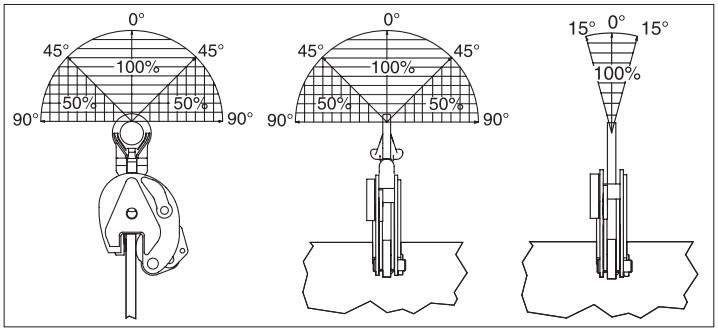
12

Model IPVUZ: Universal Hoisting Eye / Model IPVZ: Fixed Hoisting Eye

Model	Working Load Limit (t)*	Stock No.	Weight Each (lb)	Dimensions (in)								
				Jaw A	B	C	D	E	F	G	H	K
IPVUZ	0.75	2705146	5.07	0 - 0.63	1.02	5.12	8.50	1.57	4.53	1.65	1.18	0.43
IPVUZ	1.5	2705147	15.21	0 - 0.81	2.17	7.87	14.88	2.76	7.87	2.40	2.52	0.63
Fixed Hoisting Eye												
IPVZ	0.75	2705096	3.75	0 - 0.63	1.02	5.12	7.99	1.57	4.53	1.65	1.18	0.43
IPVZ	1.5	2705097	13.01	0 - 0.81	2.17	7.87	13.35	2.76	7.09	2.40	2.52	0.63

* Design Factor based on EN 13155 and ASME B30.20.





IPBHZ

For the lifting and transfer of steel beams

- IPBHZ: Available in capacities of .75 through 12 metric tons (higher Working Load Limits are available upon request).
- IPBHZ: Wide variety of jaw openings available: 0 to 1.56”.
- IPBSNZ: Available in capacities of 1.5 through 4.5 metric tons (higher Working Load Limits are available upon request).
- IPBSNZ: Wide variety of jaw openings available: 0 to 2.00”.
- Welded alloy steel body for strength and smaller size. Forged alloy components, where required.
- Individually Proof Tested to 2 times the Working Load Limit with certification.
- Company name (Crosby IP), logo, Working Load Limit and jaw opening permanently stamped on body.
- Each product is individually serialized, with the serial number and Proof Load test date stamped on body. User manual with test certificate is included with each clamp.
- Minimum WLL of 10% of Maximum WLL.
- Maintenance and repair kits are available.

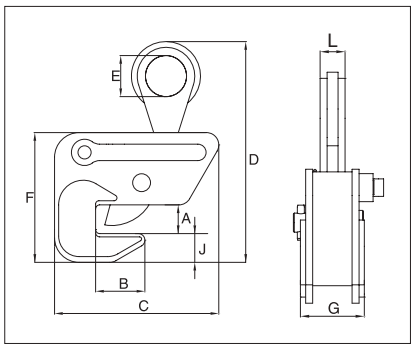
IPBSNZ

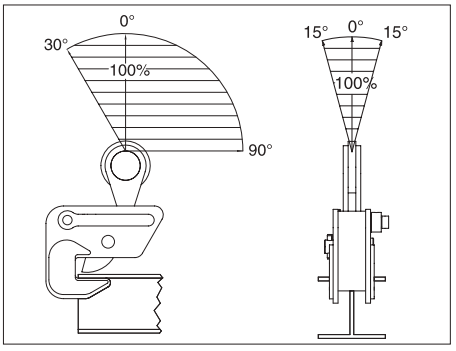
Load Rated

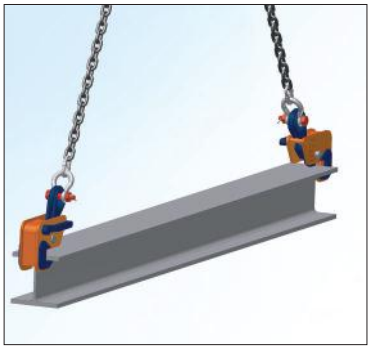
Model IPBHZ

Model	Working Load Limit (t)*	Stock No.	Weight Each (lb)	Dimensions (in)								
				Jaw A	B	C	D	E	F	G	J	L
IPBHZ	0.75	2705461	6.61	0 - 1.00	1.57	5.83	8.66	1.97	5.12	2.72	1.30	0.87
IPBHZ	1.5	2705462	13.2	0 - 1.00	2.36	7.99	10.04	1.97	6.22	2.87	1.38	1.10
IPBHZ	3	2705463	23.2	0 - 1.56	3.15	8.94	12.80	2.76	7.40	4.41	1.50	1.26
IPBHZ	4.5	2705464	55.1	0 - 1.56	4.41	11.18	16.26	2.76	9.88	4.57	3.15	1.57
IPBHZ	12	2705467	93.3	0 - 1.56	4.92	18.35	19.29	3.54	12.48	3.54	3.54	1.85

* Design Factor based on EN 13155 and ASME B30.20.



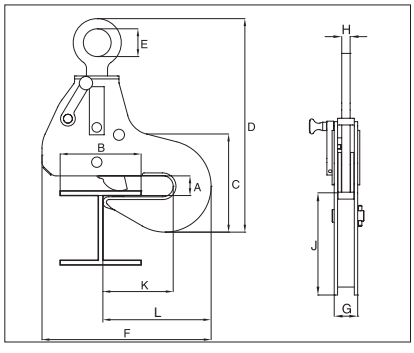


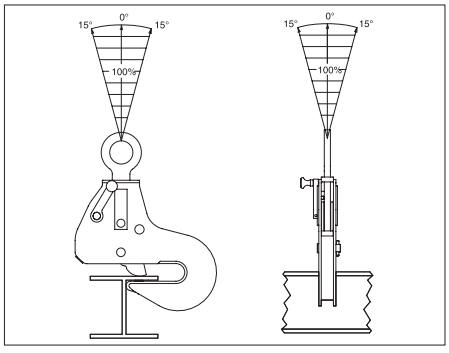


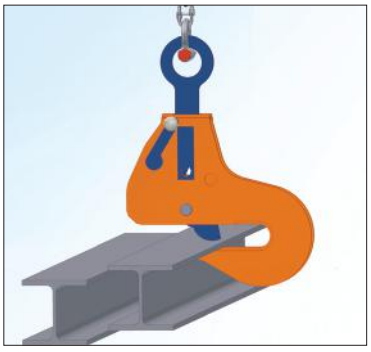
Model IPBSNZ

Model	Working Load Limit (t)*	Stock No.	Weight Each (lb)	Dimensions (in)										
				Jaw A	B	C	D	E	F	G	H	J	K	L
IPBSNZ	1.5	2705925	30.9	0 - 1.25	3.94-10.63	11.97	18.90	2.76	12.56	1.85	0.63	6.50	5.83	9.45
IPBSNZ	3	2705926	48.5	0 - 1.56	3.94-12.99	13.86	19.45	2.95	16.06	2.20	0.79	8.15	7.17	10.24
IPBSNZ	4.5	2705927	67.2	0 - 2.00	3.94-14.17	16.54	24.80	2.95	17.99	2.20	0.79	9.84	7.40	11.54

* Design Factor based on EN 13155 and ASME B30.20.







IPTK

For transferring steel beams and attaching tackle eye

- Available in capacities of 2 through 25 metric tons (higher Working Load Limits are available upon request).
- Wide variety of jaw openings available: 2.95” to 40.16”.
- Welded alloy steel body for strength and smaller size. Forged alloy components, where required.
- Individually Proof Tested to 2 times the Working Load Limit with certification.
- Company name (Crosby IP), logo, Working Load Limit and jaw opening permanently stamped on body.
- Each product is individually serialized, with the serial number and Proof Load test date stamped on body. User manual with test certificate is included with each clamp.
- Maintenance and repair kits are available.

IPTKU

IPTKW

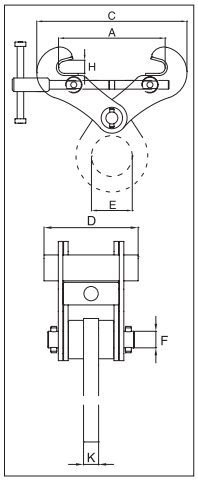
IPTKUM

IPTK: with hoisting eye / **IPTKW**: without hoisting eye
IPTKU: with hinged hoisting eye / **IPTKUD**: with double locking device
IPTKUM: Suitable as anchor device for personnel fall arrest equipment

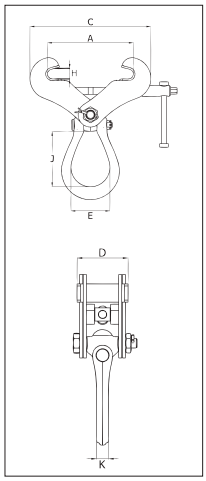
Load Rated

Model	Working Load Limit (t)*	Stock No.	Weight Each (lb)	Dimensions (in)							
				Jaw A	C	D	E	F	H	J	K
IPTK	2	2700996	13.2	2.95 - 7.48	A + 3.13	4.92	2.95	-	0.98	-	0.79
IPTK	3	2700997	14.3	2.95 - 7.48	A + 3.13	4.92	2.95	-	0.98	-	0.79
IPTK	4	2700998	18.7	5.91 - 11.02	A + 4.00	4.92	2.95	-	1.38	-	0.79
IPTK	5	2700994	24.3	4.72 - 13.78	A + 7.67	4.92	2.95	-	1.57	-	0.79
IPTK	25	2702999	496.0	17.72 - 40.16	A + 8.66	19.69	4.92	-	2.99	-	1.77
Without Hoisting Eye											
IPTKW	2	2700966	8.82	3.00 - 7.50	A + 3.13	4.92	-	1.10	0.98	-	-
IPTKW	3	2700967	9.92	3.00 - 7.50	A + 3.13	4.92	-	1.10	0.98	-	-
IPTKW	4	2700968	13.9	5.88 - 11.25	A + 4.00	4.92	-	1.30	1.38	-	-
IPTKW	5	2700969	19.4	4.75 - 13.75	A + 7.67	4.92	-	1.30	1.57	-	-
With Improved Hinged Hoisting Eye											
IPTKU	2	2707996	12.6	3.00 - 7.50	A + 3.94	6.50	2.99	0.87	0.87	3.90	0.75
IPTKU	3	2707997	14.1	3.00 - 7.50	A + 3.94	6.50	3.50	0.87	0.87	4.80	0.87
IPTKU	4	2707998	26.7	4.75 - 11.25	A + 5.91	7.28	3.50	1.57	1.57	4.80	0.87
IPTKU	5	2707994	32.0	4.75 - 13.75	A + 6.89	7.28	3.50	1.57	1.57	4.80	0.87
IPTKU	10	2707970	90.4	7.88 - 18.00	A + 11.81	8.46	4.13	2.36	2.36	5.98	1.02
Suitable as anchor device for personnel fall arrest equipment - standard according to EN 795											
IPTKUM	1 person	2709991	13.2	3.00 - 7.50	A + 3.94	6.50	2.99	-	0.87	3.90	0.75
With Optional Double Locking Device											
IPTKUD	2	2709996	13.2	3.00 - 7.50	A + 3.94	6.50	2.99	0.87	0.87	3.90	0.75
IPTKUD	3	2709993	14.6	3.00 - 7.50	A + 3.94	6.50	3.50	0.87	0.87	4.80	0.87
IPTKUD	4	2709995	27.1	4.75 - 11.25	A + 5.91	7.28	3.50	1.57	1.57	4.80	0.87
IPTKUD	5	2709994	33.7	4.75 - 13.75	A + 6.89	7.28	3.50	1.57	1.57	4.80	0.87
IPTKUD	10	2709970	94.8	7.88 - 18.00	A + 11.81	8.46	4.13	2.36	2.36	5.98	1.02

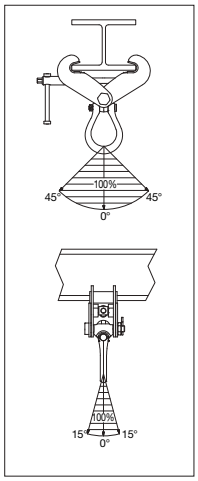
* Design Factor based on EN 13155 and ASME B30.20.



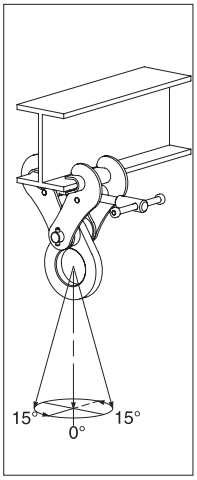
IPTK/IPTKW



IPTKU(D)(M)



IPTKU(D)

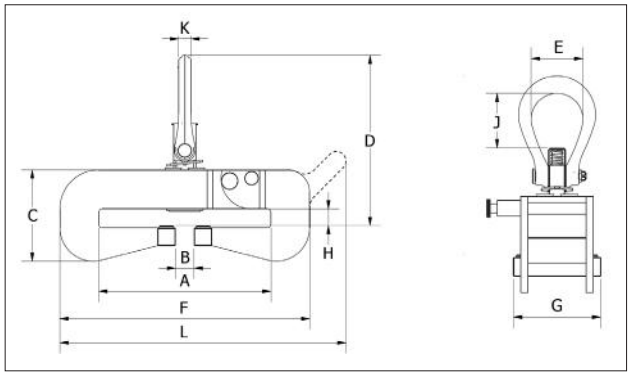


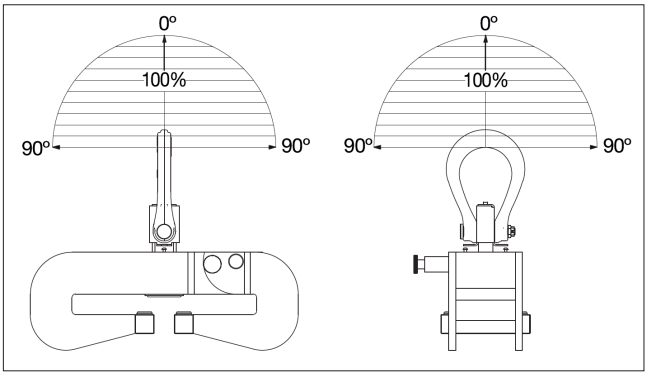
IPTK(W)

12

IPTKA

- Maintains full WLL at angles up to 90°.
- Bail swivels 360° and pivots 180°.
- Easy to close and open with a hinged body with self-locking device.
- Easy to handle with handgrips.
- No interference or space limitations when tightening the clamp.
- Multi-purpose hoisting eye to be used for tightening as well as for hoisting.
- Light weight design.
- All parts are replaceable.
- Maintenance and repair kits are available.
- Can be used for a wide range of profile sizes.





IPTKA Universal Beam Clamp

Load Rated

Model	WLL (t)	Stock No.	Weight (lb)	Dimensions (in)										
				A	B	C	D	E	F	G	H	J	K	L
IPTKA	3	2707111	35	3.9 - 8.1	1.34	5.87	12.09	3.5	12.2	5.12	0.24 - 1	3.7	0.87	14.53
IPTKAJ1	3	2707116	31.3	2.8 - 4.9	0.94	5.28	11.69	3.5	10.12	5.12	0.24 - 1	3.7	0.87	12.4
IPTKAJ2	3	2707117	35.3	3.9 - 8.1	2.13	6.46	12.68	3.5	12.2	5.12	0.8 - 1.57	3.7	0.87	14.53
IPTKA	5	2707065	51.4	3.9 - 12	1.34	6.46	12.05	3.5	17.72	5.91	0.24 - 1	3.7	0.87	-
IPTKAJ1	5	2707114	37.3	2.8 - 4.9	0.94	5.47	11.65	3.5	10.51	5.91	0.24 - 1	3.7	0.87	13.23
IPTKAJ2	5	2707115	51.2	5.1 - 12	2.91	7.05	12.64	3.5	17.72	5.91	0.8 - 1.57	3.7	0.87	-
IPTKA	10	2707118	137	5.5 - 16	2.91	9.21	17.72	4.76	23.6	8.66	0.47 - 1.65	6.0	1.18	-
IPTKA	15	2707124	157	5.5 - 16	2.91	9.61	17.72	4.76	24.8	8.66	0.47 - 1.65	6.0	1.18	-

IPBCF / IPBCNS

For the lifting and transfer of wide flange beam sections and plate girders

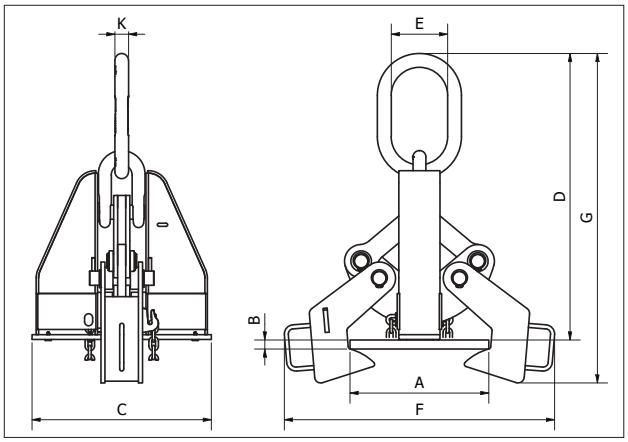
- When lifting, these beam clamps grip the beam at three points, and when properly balanced and safely guided, the beam can be handled even if the clamp is slightly off center lengthwise.
- Capacities: 4.5 through 32 metric tons. (higher Working Load Limits are available upon request).
- Eliminates the need for slings, chokers, and spreader bars.
- When applied to load, the tongs automatically open and slide under the flange of the beam.
- Center plate and gripping tongs work together - the heavier the beam, the greater the clamping pressure.
- Model IPBCNS clamps have a recessed base to accept studs welded to the beam surface.
- Welded alloy steel body for strength and smaller size. Forged alloy components, where required.
- Individually Proof Tested to 2 times the Working Load Limit with certification.
- Company name (Crosby IP), logo, Working Load Limit and jaw opening permanently stamped on body.
- Each product is individually serialized, with the serial number and Proof Load test date stamped on body. User manual with test certificate is included with each clamp.
- Maintenance and repair kits are available.
- Manufactured by an ISO 9001 facility.
- All sizes are RFID equipped.

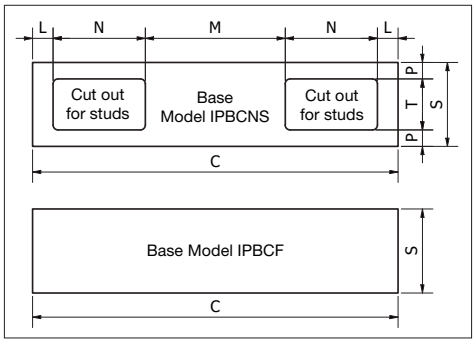
Beam Clamps

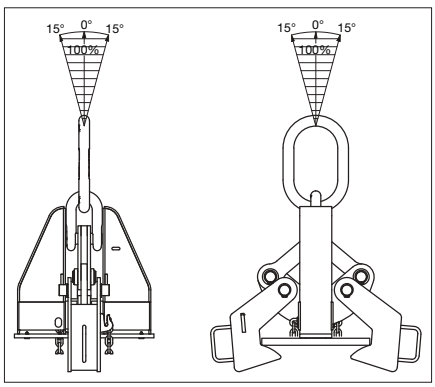
Model No.	WLL (t)	Stock No.	Weight Each (lb)	Flange Grip Range (in)		Dimensions (in)					
				Width (A)	Thickness (B)	C	D	E	F	G	K
IPBCF	4.5	2702000	64.9	4 - 10	0.5 - 1	13.7	21.1 - 17.8	3.75	13.3 - 18.7	23.7 - 20.9	0.84
IPBCNS	13.5	2702018	137	7 - 17	0.5 - 2	17.5	30.5 - 23.3	5.5	19.9 - 29.5	35.2 - 28.3	1.33
IPBCNS	22.5	2702036	291	16 - 24	1 - 3	23.5	39.8 - 32.0	6	30.5 - 38.1	44.9 - 38.7	1.75
IPBCNS	32	2702054	529	16 - 36	1.63 - 4	28.7	46.8 - 40.3	7	31.2 - 53.1	57.4 - 49.5	2.00

Design factor based on EN 13155 and ASME B30.20.

NOTE: Control the beam at all times. Beams should be gripped as near the center as possible. Snubbing lines at each end must be used to control excessive twisting or swinging, and to guide the beam to its proper place. Each lifting situation may have a specific demand which should be addressed before lifting.







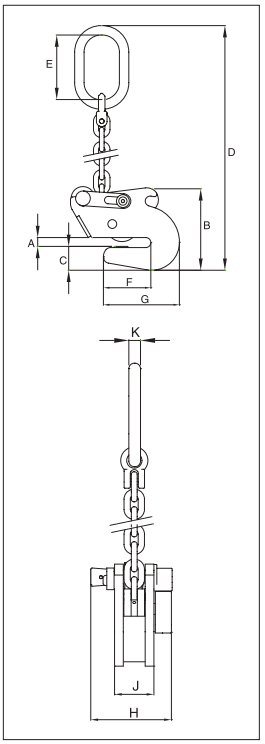
Base Stock No.	Base Dimensions (in)						
	C	L	M	N	P	S	T
IPBCNS	13.7	-	-	-	-	3.00	-
IPBCNS	17.5	1.00	6.70	4.40	0.78	4.00	2.44
IPBCNS	23.5	1.30	7.48	6.70	1.19	6.00	3.62
	28.7	1.90	8.90	8.00	1.19	6.00	3.62

12

IPSTARTEC11

For Lifting, Transferring and Controlled Tilting of Steel Beams

- Available in capacities of 1.5 and 2.5 metric tons (higher Working Load Limits are available upon request).
- Jaw openings available: .25” to .75”.
- Welded alloy steel body for strength and smaller size. Forged alloy, components where required.
- Equipped with handle for easy placement.
- Individually Proof Tested to 2 times the Working Load Limit with certification.
- Company name (Crosby IP), logo, Working Load Limit and jaw opening permanently stamped on body.
- Each product is individually serialized, with the serial number and Proof Load test date stamped on body. User manual with test certificate is included with each clamp.
- Maintenance replacement parts are available.
- Manufactured by an ISO 9001 facility.
- All sizes are RFID equipped.

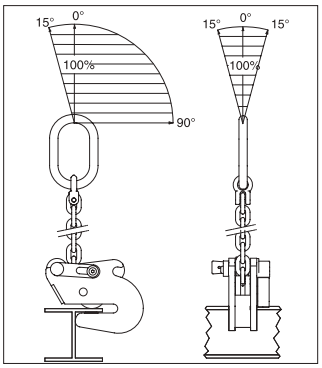


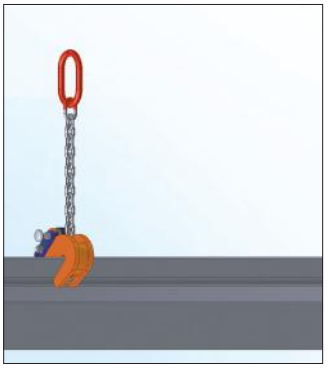
Load Rated

Model IPSTARTEC11

Model	Working Load Limit (t)*	Stock No.	Weight Each (lb)	Dimensions (in)									
				Jaw A	B	C	D	E	F	G	H	J	K
IPSTARTEC11	1.5	2701812	14.6	0.25 - 0.50	5.51	1.54	22.64	4.33	3.19	5.08	4.96	2.13	0.63
IPSTARTEC11	2.5	2701822	32.0	0.25 - 0.75	8.27	2.17	28.54	5.31	4.53	7.17	5.51	2.91	0.71

* Design Factor based on EN 13155 and ASME B30.20.

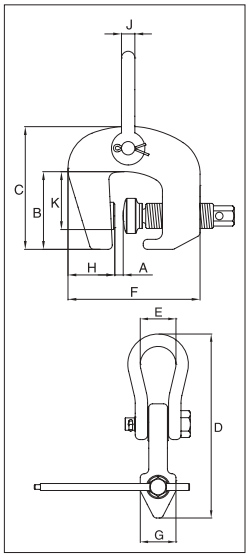




IPSC10

Suitable for use in positioning & turning steel plates and sections. Not to be used as a lifting clamp.

- Available in capacities of 1.5 and 3 metric tons (higher Working Load Limits are available upon request).
- Jaw openings available: 0” to 2.38”.
- Suitable for steel with a surface hardness up to 30 Rc.
- Forged alloy steel body for strength and smaller size. Forged alloy components, where required.
- Individually Proof Tested to 2 times the Working Load Limit with certification.
- Company name (Crosby IP), logo, Working Load Limit and jaw opening permanently stamped on body.
- Each product is individually serialized, with the serial number and Proof Load test date stamped on body. User manual with test certificate is included with each clamp.
- Maintenance and repair kits are available.

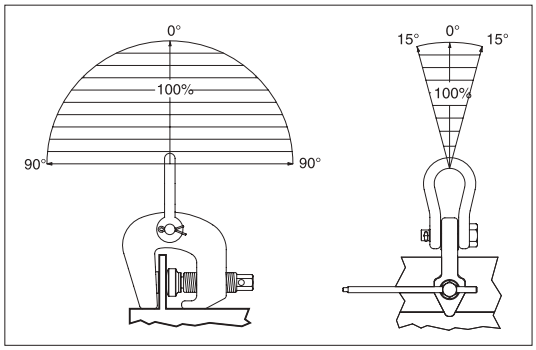


Model IPSC10

Load Rated

Model	Working Load Limit (t)*	Stock No.	Weight Each (lb)	Dimensions (in)									
				Jaw A	B	C	D	E	F	G	H	J	K
IPSC10	1.5	2703857	10.1	0 - 1.57	3.58	5.63	9.88	1.73	6.14	1.97	1.77	0.63	2.56
IPSC10	3	2703858	18.5	0 - 2.38	4.29	6.89	12.20	2.01	7.87	2.44	2.17	0.75	3.27

* Design Factor based on EN 13155 and ASME B30.20.

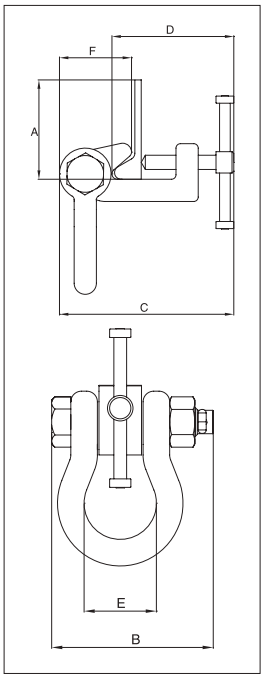


12

IPBTO10

For use as a temporary tackle eye in spaces that have been reinforced with HP (bulb) profiles such as engine rooms and shipsections.

- Available in capacities of 1.5 through 6 metric tons (higher Working Load Limits are available upon request).
- Wide variety of jaw openings available: HP 6.5” to HP 17”.
- Alloy steel body for strength and smaller size. Forged alloy components, where required.
- Individually Proof Tested to 2 times the Working Load Limit with certification.
- Company name (Crosby IP), logo, Working Load Limit and jaw opening permanently stamped on body.
- Each product is individually serialized, with the serial number and Proof Load test date stamped on body. User manual with test certificate is included with each clamp.
- Maintenance and repair kits are available.
- Manufactured by an ISO 9001 facility.

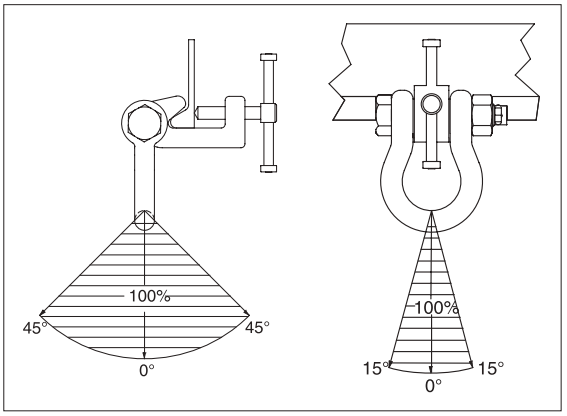


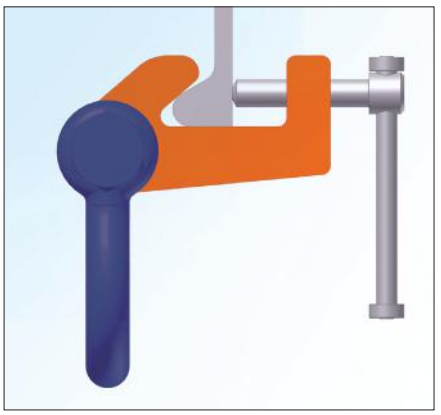
Model IPBTO10

Load Rated

Model	Working Load Limit (t)*	Stock No.	Weight Each (lb)	Dimensions (in)					
				Profile A †	B	C	D	E	F
IPBTO10	1.5	2700980	11.0	HP 6.5 - 9.44	5.39	7.40-8.23	5.08-5.91	2.68	3.19
IPBTO10	3	2700986	13.0	HP 9.44 - 12.56	5.39	7.40-8.54	5.71-6.85	2.68	3.07
IPBTO10	6	2700991	28.7	HP 11.75 - 17.00	7.28	10.03-11.69	7.68-9.29	3.23	4.02

* Design Factor based on EN 13155 and ASME B30.20. **† Profile A is the type of Holland Bulb (HP) style and size material.**

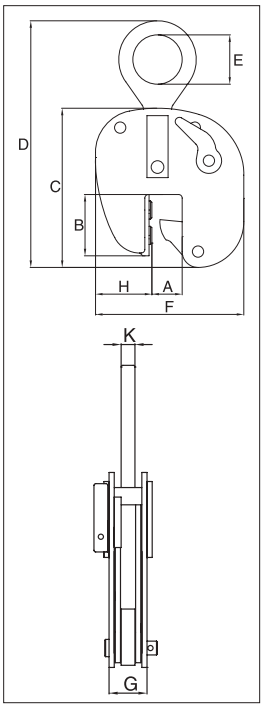




IPBUZ

For Lifting, Transferring and Placing Bulb Profiles onto Ship's Hulls Perpendicularly

- Available in capacities of .75 through 3.75 metric tons (higher Working Load Limits are available upon request).
- Jaw openings available: HP 4.75" to HP 17".
- Welded alloy steel body for strength and smaller size. Forged alloy components, where required.
- Individually Proof Tested to 2 times the Working Load Limit with certification.
- Company name (Crosby IP), logo, Working Load Limit and jaw opening permanently stamped on body.
- Each product is individually serialized, with the serial number and Proof Load test date stamped on body. User manual with test certificate is included with each clamp.
- Maintenance and repair kits are available.



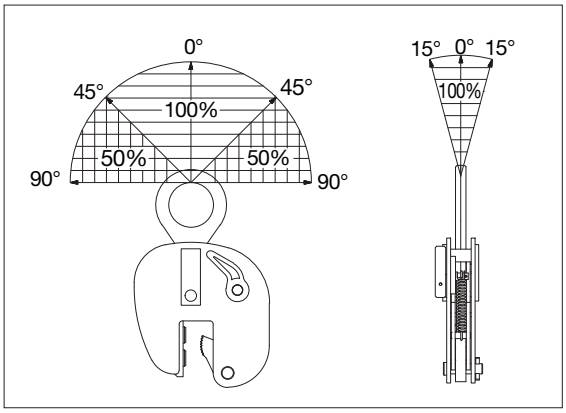
Model IPBUUZ: with Universal Hoisting Eye
Model IPBUZ: with Fixed Hoisting Eye

Load Rated

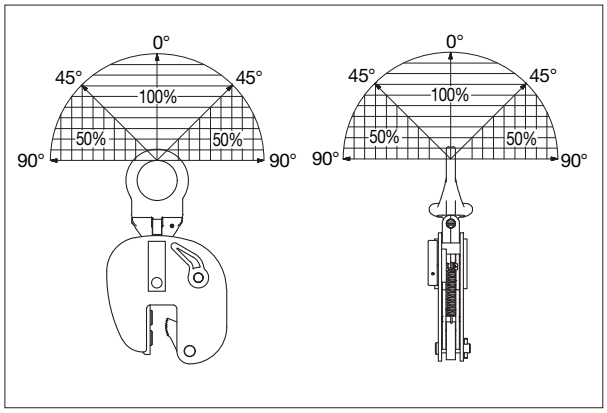
Model	Working Load Limit (t)*	Stock No.	Weight Each (lb)	Dimensions (in)								
				Profile A †	B	C	D	E	F	G	H	K
IPBUUZ	0.75	2705601	18.7	HP 4.75 - 7.88	3.35	8.90	15.35	2.76	8.27	2.40	2.76	0.63
With fixed hoisting eye												
IPBUZ	0.75	2705600	15.4	HP 4.75 - 7.88	3.35	8.90	15.35	2.76	8.27	2.40	2.76	0.63
IPBUZ	1.5	2705701	33.1	HP 8.63 - 17.00	7.72	15.63	22.36	2.76	10.08	2.72	1.89	0.63
IPBUZ	3.75	2705702	64.4	HP 8.63 - 17.00	9.37	17.24	22.24	3.15	13.98	2.52	3.94	0.79

* Design Factor based on EN 13155 and ASME B30.20. **† Profile A is the type of Holland Bulb (HP) style and size material.**

IPBUZ



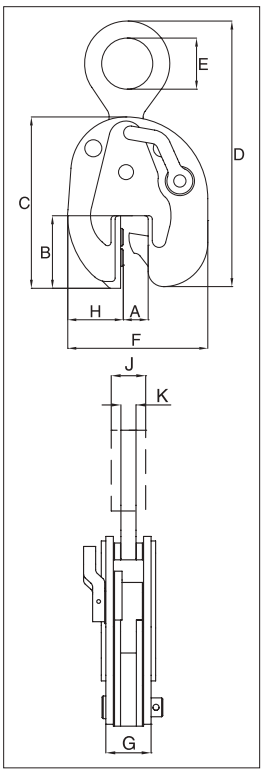
IPBUUZ



IPSBUUZ

For Lifting, Transferring and Placing Complete Shipsections

- Available in capacities of 4.5 through 22.50 metric tons (higher Working Load Limits are available upon request).
- Wide variety of jaw openings available: HP 4" to HP 17".
- Welded alloy steel body for strength and smaller size. Forged alloy components, where required.
- Individually Proof Tested to 2 times the Working Load Limit with certification.
- Company name (Crosby IP), logo, Working Load Limit and jaw opening permanently stamped on body.
- Each product is individually serialized, with the serial number and Proof Load test date stamped on body. User manual with test certificate is included with each clamp.
- Maintenance and repair kits are available.



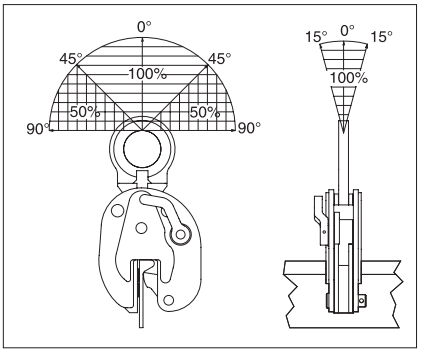
Model IPSBUUZ / IPSBUSUZ: With Universal Hoisting Eye
Model IPSBUZ / IPSBUSZ: With Fixed Hoisting Eye

Load Rated

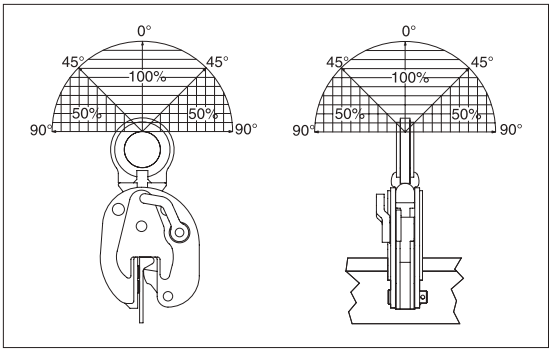
Model	Working Load Limit (t)*	Stock No.	Weight Each (lb)	Dimensions (in)									
				Profile A†	B	C	D	E	F	G	H	J	K
IPSBUUZ	4.5	2705771	34.2	HP 4.00 - 6.25	4.21	9.92	17.72	2.95	8.11	3.78	3.23	1.42	0.79
IPSBUUZ	9	2705773	94.8	HP 4.00 - 6.25	4.13	10.79	19.33	3.15	9.76	4.84	4.09	1.73	0.79
IPSBUSUZ	4.5	2705772	83.8	HP 7.13 - 17.00	8.94	16.85	25.00	2.95	14.84	3.74	5.04	-	0.79
IPSBUSUZ	9	2705774	152	HP 7.13 - 17.00	8.94	18.82	28.27	3.15	16.73	4.65	6.10	1.73	0.98
With fixed hoisting eye													
IPSBUZ	4.5	2705721	29.8	HP 4.00 - 6.25	4.21	9.92	15.04	2.95	8.11	3.78	3.23	-	0.79
IPSBUZ	9	2705723	50.7	HP 4.00 - 6.25	4.13	10.79	18.15	3.15	9.76	4.84	4.09	-	1.18
IPSBUSZ	4.5	2705722	78.9	HP 7.13 - 17.00	8.94	16.85	23.31	2.95	14.84	3.74	5.04	-	0.79
IPSBUSZ	9	2705724	150	HP 7.13 - 17.00	8.94	18.82	26.10	3.15	16.73	4.65	6.10	1.77	0.98
IPSBUSZ	15	2705728	141	HP 7.13 - 17.00	8.90	19.09	27.17	3.46	15.79	3.94	5.31	1.93	0.98
IPSBUSZ	22.5	2705730	220	HP 7.13 - 17.00	8.82	21.38	29.13	3.54	18.50	4.57	7.28	-	0.98

Design Factor based on EN 13155 and ASME B30.20. **† Profile A is the type of Holland Bulb (HP) style and size material.**

IPSBUZ



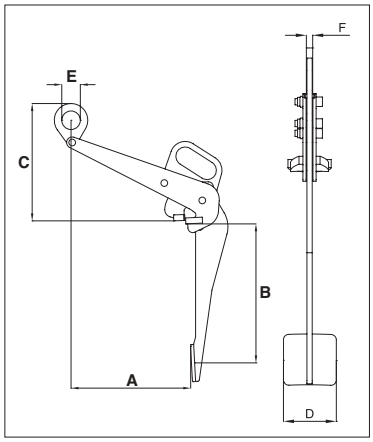
IPSBUUZ

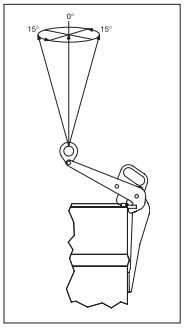


IPDV

Designed to lift, move and transfer 50-55 gallon drums with steel tops

- Available in capacity of .5 metric tons (higher Working Load Limits are available upon request).
- Jaw openings available: IPDV - 11.75” and IPVK - .63”.
- Welded alloy steel body for strength and smaller size. Forged alloy components, where required.
- Individually Proof Tested to 2 times the Working Load Limit with certification.
- Company name (Crosby IP), logo, Working Load Limit and jaw opening permanently stamped on body.
- Each product is individually serialized, with the serial number and Proof Load test date stamped on body. User manual with test certificate is included with each clamp
- Maintenance and repair kits are available.





Model IPDV

Load Rated

Model	Working Load Limit (t)*	Stock No.	Weight Each (lb)	Dimensions (in)					
				Jaw A	B	C	D	E	F
IPDV	0.5	2700118	15.7	11.75	14.76	11.42	3.94	1.97	0.47

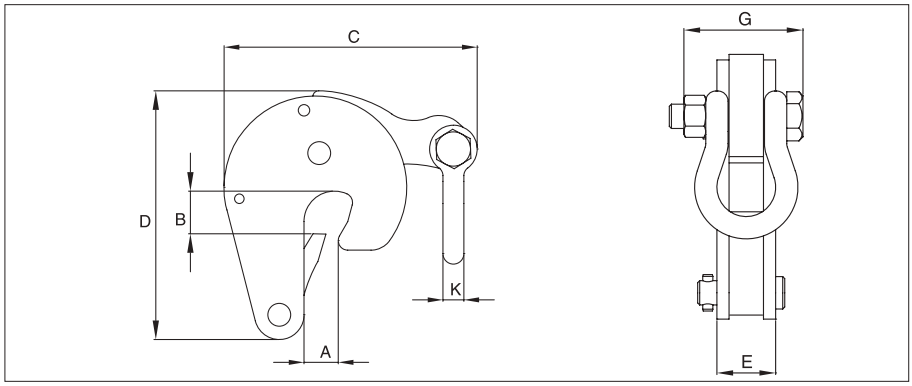
*Design Factor based on EN 13155 and ASME B30.20.

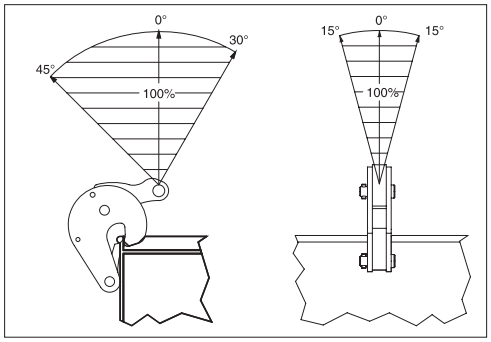
IPVK

Model IPVK

Model	Working Load Limit (t)*	Stock No.	Weight Each (lb)	Dimensions (in)						
				Jaw A	B	C	D	E	G	K
IPVK	0.5	2700116	3.53	0 - 0.63	1.02	5.31	5.20	1.14	2.01	0.43

* Design Factor based on EN 13155 and ASME B30.20.



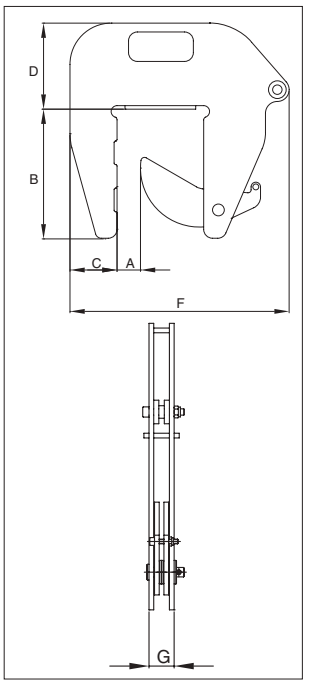


12

IPCC

For Lifting and Transferring Concrete Pipe Sections and Wells

- Available in capacity of 1 metric tons (higher Working Load Limits are available upon request).
- Jaw opening available: 1.56” - 5.50”.
- Welded alloy steel body for strength and smaller size. Forged alloy, components where required.
- Equipped with handle for easy placement.
- Individually Proof Tested to 2 times the Working Load Limit with certification.
- Company name (Crosby IP), logo, Working Load Limit and jaw opening permanently stamped on body.
- Each product is individually serialized, with the serial number and Proof Load test date stamped on body. User manual with test certificate is included with each clamp.
- Maintenance replacement parts are available.

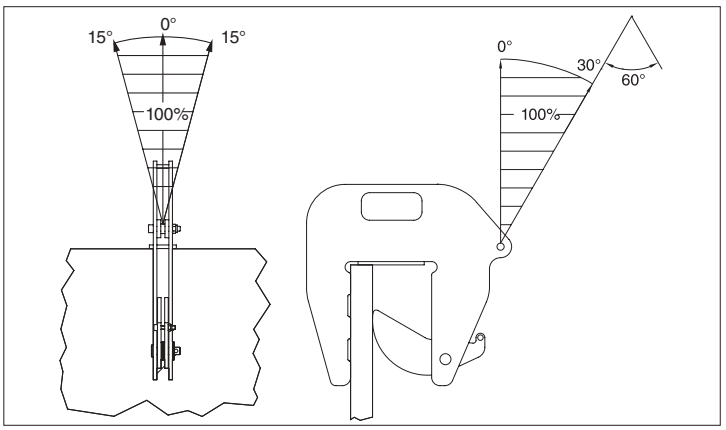


Load Rated

Model IPCC

Model	Working Load Limit Per Pair (t)*	Stock No.	Weight Each (lb)	Dimensions (in)									
				Jaw A	B	C	D	E	F	G	H	J	K
IPCC	1	2700037	20.3	1.56 - 5.50	8.86	3.15	5.75	-	14.65	1.46	-	-	-

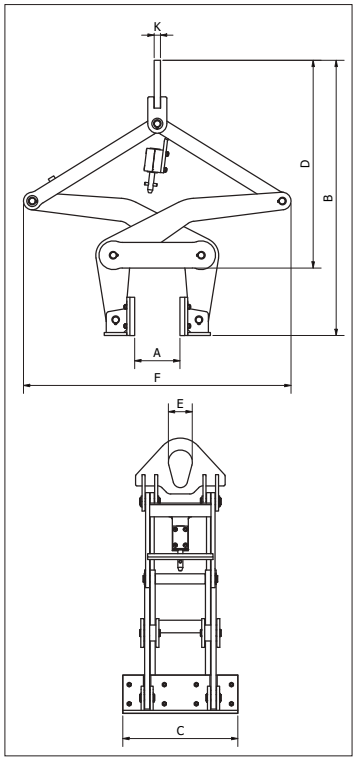
* Design Factor based on EN 13155 and ASME B30.20.



IPBG

The CrosbyIP Barrier Grab provides a fast and efficient method for handling road barriers.

- Hands-free operation.
- Welded alloy steel construction for strength and smaller size.
- Comes equipped with polyurethane pads. (Replacement kits are available.)
- Individually Proof Tested to 2 times the Working Load Limit with certification.
- Company name (Crosby IP), logo, Working Load Limit and jaw opening permanently stamped on body.
- Each product is individually serialized, with the serial number and Proof Load test date stamped on body. User manual with test certificate is included with each clamp.



Load Rated

Barrier Grab

Model	WLL (t)*	Stock No.	Weight Each (lb)	Dimensions (in)						
				Jaw A	B	C	D	E	F	K
IPBG	4	2704018	345	6 (min.)	45.3	18.0	34.7	3.74	40.9	1.00
				12 (max.)	33.9	18.0	23.5	3.74	44.4	1.00

* Design factor based on EN13155 and ASME B30.20.

12

The IPU10 vertical lifting clamp is used for lifting, turning, moving or vertical transfer of sheet, plates, or fabrications from horizontal to vertical and down to horizontal (180°) as needed. The hinged hoisting eye allows for the clamp to place and lift the load from any direction, or with a multiple leg sling without side-loading the clamp.

The IPNM10N vertical lifting clamp is used for lifting, turning, moving or vertical transfer of sheet, plates, or fabrications from horizontal to vertical and down to horizontal (180°) as needed without marring the surface of the material. Materials such as aluminum, stainless steel, painted materials, aircraft skins, composite material, glass, plastic, etc., can be lifted without marring. Will not mar, or scratch the material surface.

The IPNM10P vertical lifting clamp is used for lifting, turning, moving or vertical transfer of sheet, plates, or fabrications from horizontal to vertical and down to horizontal (180°) as needed without marring the surface of the material. Materials such as aluminum, stainless steel, painted materials, aircraft skins, composite material, glass, plastic, etc., can be lifted without marring. The protective cover reduces the risk of damage to surrounding plates. Will not mar, or scratch the material surface.

The IPU10A automatically clicks onto the material as soon as the clamp is placed on the plate. The fact that the safety lock remains in position as the clamp closes precludes hazardous situations. Fastening the IPU10A clamp in places that are difficult to reach is no problem.

The IPHNM10 horizontal lifting clamps have a pretension feature that allows the user to attach the clamps to the material for horizontal lifting and transfer of non-sagging material. To be used where material surface must not be damaged. These clamps must be used in pairs or more.

The IPH10 horizontal lifting clamps with spring loaded tension have a pretension feature that allows the user to attach the clamps to the material for horizontal lifting and transfer of non-sagging material. These clamps must be used in pairs or more.

The IPH10E / IPH10JE horizontal lifting clamps are for use in the lifting and transfer in horizontal position of non-sagging materials or of bundles of non-sagging material. These clamps must be used in pairs or more.

The IPHOZ horizontal lifting clamp is to be used for lifting and transferring, in the horizontal position, of thin sheet and other materials that will sag or bend when lifted. These clamps must be used in pairs or more.

The IPPE10 type clamp is suitable for lifting and transferring bundles of non-bendable sheets of metal in a horizontal position. The jaw opening can be easily adjusted for the height of the bundle or plate. The IPPE10 has magnets in the footplate. This allows one person to operate multiple clamps at the same time when lifting loads. These clamps must be used in pairs or more.

The IPPE10BNM lifting clamps may be used for virtually all applications, where the objects that are to be lifted or transported require optimal protection against surface damage. This also applies to materials with a very smooth surface, composites, plates with a protective cover or hard surface plates. These clamps have to be used in pairs.

The IPBC horizontal lifting clamps have a pretension feature that allows the user to attach the clamps to the material for horizontal lifting and transfer of sagging and non-sagging material. These clamps may also be used to handle material that will be used in shears, bending and rolling machines or other fabrication equipment. May also be used for turning beams from the “H” into the “I” position.

The IPHGZ, IPHGUZ horizontal lifting clamps have a pretension locking feature that allows the user to attach the clamps to the material for horizontal lifting and transfer of sagging and non-sagging material. These clamps may also be used to handle material that will be used in shears, bending and rolling machines or other fabrication equipment. May also be used to move and lift structural shapes such as I-Beams, H-beams etc.

The IPBK10 beam clamp is used for lifting, transferring and stacking H-Beams. A ring-center hoist eye allows for the beam flange to remain vertical. This series of clamps can be used in vertical and horizontal moving, transferring and stacking of different types of structural designs, such as H-Beams, angles, etc, depending on the application desired.

The IPVZ / IPVUZ beam clamp is used for vertical lift and transfer of angle iron and other loads that have only a small gripping area for the clamp (“U” has universal hoisting eye). This series of clamps can be used in vertical and horizontal moving, transferring and stacking of different types of structural designs, such as H-beams, angles, etc, depending on the application desired.

The IPBHZ beam clamp is used for lifting, transferring and stacking I-Beams & H-Beams. An ring-center hoist eye allows for the beam flange to remain vertical. This series of clamps can be used in vertical and horizontal moving, transferring and stacking of different types of structural designs, such as H-Beams, angles, etc, depending on the application desired.

The IPBSNZ beam clamp is used for lifting, transferring and stacking I-Beams. An ring-center hoist eye allows for the beam flange to remain vertical. This series of clamps can be used in vertical and horizontal moving, transferring and stacking of different types of structural designs, such as H-Beams, angles, etc, depending on the application desired.

The IPTK & IPTKW series beam clamp is suitable for use as a temporary tackle eye for a beam.

The IPTKU series beam clamp has an improved hinged hoisting eye that increases the loading angles and an optional new double locking device.

This anchor clamp is suitable as an anchor device for one person, with a personal fall arrest (sheradised and with double locking) system.

The IPSTARTEC11 beam clamp has been specially developed for lifting with the body in vertical position, controlled tilting, transportation and stacking of steel “H” and “I” profiles. By placing the chain guide in the appropriate position, it is easy to switch from lifting to tilting and back again, which shifts the center of gravity.

The IPSC10 screw style clamp is for positioning, pulling and turning plates or fabrications.

The IPBTO10 shipbuilding clamp is used as a temporary tackle eye in spaces which have been reinforced with HP (bulb) profiles such as engine rooms and shipsections. This clamp is fitted with a screwed spindle for easy attachment of the clamp. The moment a load is applied, the clamp is automatically fixed.

The IPBUZ shipbuilding clamps are used for lifting, transferring and placing bulb profiles onto ship's hulls perpendicularly. These clamps are fitted with a locking device for both open and closed positions, which ensures complete reliability. They are to be used exclusively for bulb profiles (not for plates).

The IPSBU(U)Z shipbuilding clamps are used for the lifting, transfer and placing of complete shipsections. These clamps are fitted with a locking device for both open and closed positions, which ensures complete reliability. They are to be used exclusively for bulb profiles (not for plates).

The IPDV drum clamp is for vertical lift and transfer. Allows drum to remain in an upright position during the lift and transfer using one clamp.

The IPVK drum clamp is for vertical lift and transfer. Automatically locks on drum, and can be used alone or in pairs.

The IPCC is suitable for the vertical lifting and transfer of concrete pipe sections and wells. Very easy application and removal of the clamp thanks to the built-in carrying-grips. Normally used in combination with 7mm chain (not supplied). These clamps must be used in pairs or more.