

Vertical Clamps

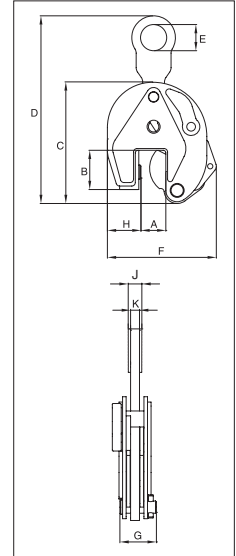


IP10

The IP10 vertical lifting clamp is used for the lifting, turning, moving or vertical transfer of sheet, plates, or fabrications from horizontal to vertical and down to horizontal (180°) as needed. Usually used as a single point pick or when used with a spreader beam with multiple vertical drop lines.

For vertical lifting, turning and transfer

- 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 6.1".
- 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 (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 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.
- Optional IP-5000 Stinger assembly available (see page 428). Allows for easy connection between the clamp and hoist hook.
- For plate surface hardness till 279HV10, only 5% min. WLL is needed.
- Maintenance and repair kits are available.
- Manufactured by an ISO 9001 facility.
- All sizes are **RFID EQUIPPED**.
- 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.



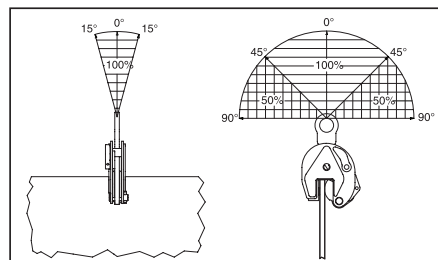
Model IP10 / IP10J / IP10S / IP10H

Model	Working Load Limit (t)*	IP10 Stock No.	Weight Each (lbs.)	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
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	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 - 0.63	1.73	5.12	7.99	1.57	4.53	1.65	1.10	-	0.43
IP10S	1	2702262	4.85	0 - 1.38	1.77	5.47	8.35	1.57	5.00	1.65	1.50	-	0.43
IP10S	2	2702276	16.8	0 - 1.56	3.07	7.91	12.99	2.76	7.40	2.52	2.17	-	0.63
IP10S	3	2702264	30.4	0 - 1.56	3.94	9.96	17.09	2.95	8.74	3.07	2.36	-	0.79
IP10S	4.5	2702266	33.1	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 - 2.00	4.96	12.80	21.42	3.15	12.20	3.70	4.09	1.73	0.98
IP10S	12	2702278	108	0 - 2.13	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 - 0.63	1.73	5.12	8.15	1.57	4.53	1.65	1.10	-	0.43
IP10H	0.75	2702162	4.85	0 - 0.81	1.77	5.47	8.62	1.57	5.12	1.10	1.50	-	0.43
IP10H	1.0	2702176	16.8	0 - 1.38	3.07	7.91	12.99	2.76	7.40	2.52	2.17	-	0.63
IP10H	2.0	2702164	30.4	0 - 1.56	3.94	9.96	17.09	2.95	8.74	3.07	2.36	-	0.79
IP10H	3.0	2702166	33.1	0 - 1.56	3.94	9.96	17.09	2.95	8.94	3.23	2.56	-	0.79
IP10H	4.5	2702168	51.8	0 - 2.00	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
IP10H	25.0	2703530	163	0 - 2.36	6.65	15.7	-	1.85	7.24	12.60	8.66	0.98	3.43

* 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.



Crosby Lifting Clamps