

Vertical Clamps



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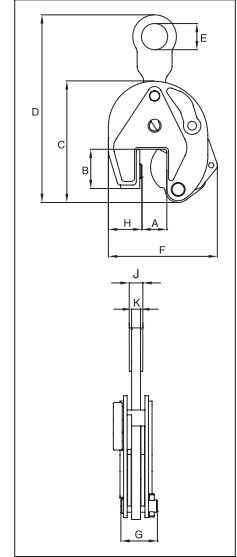


IP10

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 155mm.
- 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.
- 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.



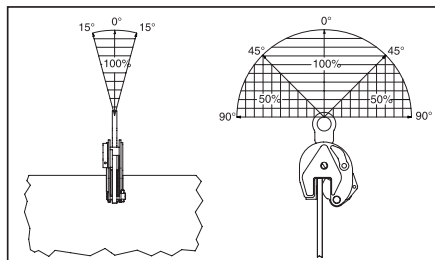
Model IP10

Model	Working Load Limit (t)*	IP10 Stock No.	Weight Each (kg)	Dimensions (mm)									
				Jaw A	B	C	D	E	F	G	H	J	K
IP10	0.5	2701674	1.8	0 - 16	44	130	203	40	115	42	28	-	11
IP10	1	2701662	2.2	0 - 20	45	139	212	40	127	42	38	-	11
IP10	2	2701676	7.6	0 - 35	78	201	330	70	188	64	55	-	16
IP10	3	2701664	13.8	0 - 40	100	253	434	75	222	78	60	-	20
IP10	4.5	2701666	15.0	0 - 40	100	253	434	75	227	82	65	-	20
IP10	6	2701668	23.5	0 - 50	126	302	517	80	292	84	95	40	20
IP10	9	2701670	27.5	0 - 50	126	325	445	80	310	94	104	44	25
IP10	12	2701678	49.0	0 - 54	160	392	574	80	433	121	137	41	25
IP10	16	2701682	68.0	5 - 64	180	463	686	88	492	121	153	49	25
IP10	12	2701678	110.0	0 - 54	222	554	808	110	565	139	186	49	25
IP10	22.5	2701686	124.0	5 - 80	222	554	803	110	565	153	186	54	30
IP10	30	2701690	124	5 - 80	222	554	803	110	565	153	186	54	30
IP10J	0.5	2701646	1.8	15 - 30	45	128	209	40	128	41	32	-	11
IP10J	6	2701705	24.5	50 - 100	126	302	506	80	336	84	95	40	20
IP10J	9	2701672	28.5	50 - 100	126	325	542	80	360	94	105	44	25
IP10J	12	2701680	58.0	54 - 108	178	438	620	80	491	121	136	41	25
IP10J	16	2701684	80.0	64 - 128	208	521	734	88	562	121	160	45	25
IP10J	22	2701688	131.0	80 - 155	255	628	883	110	660	139	196	49	25
IP10J	30	2701692	147.0	50 - 155	255	628	887	110	660	153	196	54	30
For stainless steel - with fixed hoisting eye													
IP10S	0.5	2702274	1.8	0 - 16	44	130	203	40	115	42	28	11	11
IP10S	1	2702262	2.2	0 - 20	45	139	212	40	127	42	38	11	11
IP10S	2	2702276	7.6	0 - 35	78	201	330	70	188	64	55	16	16
IP10S	3	2702264	13.8	0 - 40	100	253	434	75	222	78	60	20	20
IP10S	4.5	2702266	15.0	0 - 40	100	253	434	75	227	82	65	20	20
IP10S	6	2702268	23.5	0 - 50	126	302	517	80	292	84	95	20	20
IP10S	9	2702270	27.5	0 - 50	126	325	544	80	310	94	104	25	25
IP10S	12	2702278	49.0	0 - 54	160	392	574	80	433	121	137	25	25
For very hard materials - with fixed hoisting eye													
IP10H	0.5	2702174	1.8	0-16	44	130	207	40	115	42	28	11	11
IP10H	0.75	2702162	2.2	0-20	45	139	219	40	130	28	38	11	11
IP10H	1.0	2702176	7.6	0-35	78	201	330	70	188	64	55	16	16
IP10H	2.0	2702164	13.8	0-40	100	253	434	75	222	78	60	20	20
IP10H	3.0	2702166	15.0	0-40	100	253	434	75	227	82	65	20	20
IP10H	4.5	2702168	23.5	0-50	126	302	517	80	292	84	95	20	20
IP10H	6.0	2702170	27.5	0-50	126	325	544	80	310	92	105	25	25
IP10H	25.0	2703530	74	0-60	169	40	-	47	184	320	220	87	87

* 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