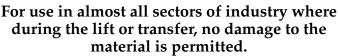
# **Vertical Clamps**

## **IPNM10N**



The IPNM10N 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 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.

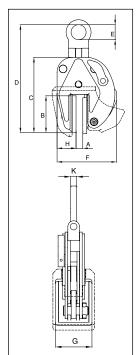


- Available in capacities of .5, 1 and 2 metric tons.
- Wide variety of jaw openings available: 0" to 1.50"
- Welded alloy steel body for strength and smaller size. Forged alloy components, where required.
- Individually Proof Tested to 2 times the Working Load Limit with certification.
- Company name (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. Serial number is included on the test certificate with maintenance and warranty logbook.
- Full 180<sup>°</sup> 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 420). Allows for easy connection between the clamp and hoist hook.
- Material must be clean and dry.
- Maintenance replacement kits are available.
- Manufactured by a ISO 9001 facility.
- All sizes are **RFID EQUIPPED**.



The IPNM10P 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 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.

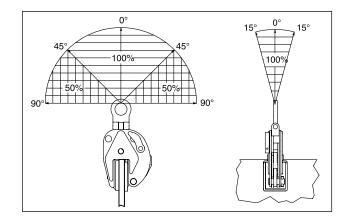
Will NOT mar, or scratch the material surface.



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Model IPNM10													
	Working Load Limit	IPNM10 Stock	Weight Each	Dimensions (in.)									
Model	Model (t)*	No.	(lbs.)	Jaw A	В	С	D	E	F	G	Н	K	
IPNM10N	.5	2703811	5.95	038	3.31	6.26	9.25	1.57	5.04	2.36	1.61	.43	
IPNM10N	1	2703738	9.70	079	4.33	8.23	10.63	1.18	7.24	3.15	2.20	.39	
IPNM10N	2	2703442	32.0	0 - 1.50	6.02	10.16	15.59	2.76	7.72	3.94	6.34	.63	
With protection cap													
IPNM10P	.5	2703278	6.2	038	3.23	6.18	8.39	1.57	5.71	2.68	1.89	.43	
IPNM10P	1	2703279	9.9	075	3.82	7.68	10.55	1.18	8.07	3.23	2.36	0.39	
With larger jaw opening													
IPNM10NJ	1	2703814	12.1	.81 - 1.44	3.39	7.72	10.43	1.18	6.97	3.15	2.01	.39	
* Design Factor	Design Factor based on EN 13155 and ASME B30.20.												

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## IPNM10P