

# Beam Clamps

## For transferring steel beams and attaching tackle eye

- Available in capacities of 2 thru 25 metric tons.
- 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 (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.
- Manufactured by an ISO 9001 facility.
- All sizes are **RFID EQUIPPED**.

### IPTK

This IPTK series beam clamp is suitable for use as a temporary tackle eye for a beam.



### IPTKW

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



**Load Rated**



**IPTKU**  
The IPTKU series beam clamp has an improved hinged hoisting eye that increases the loading angles and an optional new "Double Locking Device".



### IPTKUM

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

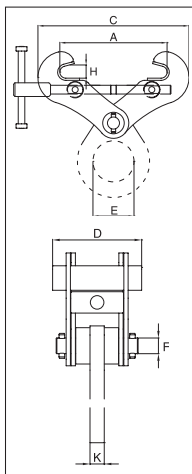
**IPTK: with hoisting eye / IPTKW: without hoisting eye**

**IPTKU: with hinged hoisting eye / IPTKUD: with double locking device**

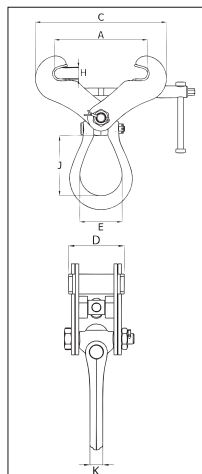
**IPTKUM: Suitable as anchor device for personnel fall arrest equipment**

Model	Working Load Limit (t)*	IPTK Stock No.	Weight Each (lbs.)	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
<b>Without Hoisting Eye</b>											
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	-	-
<b>With Improved Hinged Hoisting Eye</b>											
IPTKU	2	2707996	12.6	3.00 - 7.50	A + 3.94	A + 3.94	4.76	2.99	0.87	3.90	0.75
IPTKU	3	2707997	14.1	3.00 - 7.50	A + 3.94	A + 3.94	4.76	3.50	0.87	4.80	0.87
IPTKU	4	2707998	26.7	4.75 - 11.25	A + 5.91	A + 5.91	5.51	3.50	1.57	4.80	0.87
IPTKU	5	2707994	32.0	4.75 - 13.75	A + 6.89	A + 6.89	5.51	3.50	1.57	4.80	0.87
IPTKU	10	2707970	90.4	7.88 - 18.00	A + 11.81	A + 11.81	7.87	4.13	2.36	5.98	1.02
<b>Suitable as anchor device for personnel fall arrest equipment - standard according to EN 795</b>											
IPTKUM	1	2709991	13.2	3.00 - 7.50	A + 3.94	6.50	2.99	0.87	3.90	0.75	0.75
<b>With Optional Double Locking Device</b>											
IPTKUD	2	2709996	13.2	3.00 - 7.50	A + 3.94	6.50	2.99	0.87	3.90	0.75	0.75
IPTKUD	3	2709993	14.6	3.00 - 7.50	A + 3.94	6.50	3.50	0.87	4.80	0.87	0.87
IPTKUD	4	2709995	27.1	4.75 - 11.25	A + 5.91	7.28	3.50	1.57	4.80	0.87	0.87
IPTKUD	5	2709994	33.7	4.75 - 13.75	A + 6.89	7.28	3.50	1.57	4.80	0.87	0.87
IPTKUD	10	2709970	94.8	7.88 - 18.00	A + 11.81	8.46	4.13	2.36	5.98	1.02	1.02

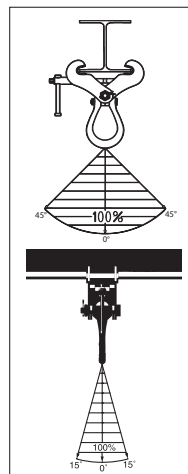
\* Design Factor based on EN 13155 and ASME B30.20.



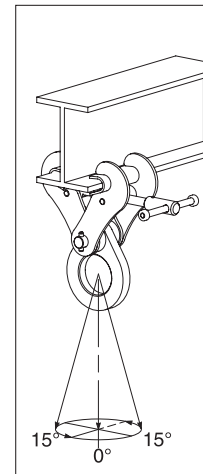
IPTK/IPTKW



IPTKU(D)(M)



IPTKU(D)



IPTK

Crosby Lifting Clamps



# USER MANUAL

MODEL

**IPTK - IPTKW  
IPTKU - IPTKUD**  
**Lifting beams and  
temporary lifting point**



Distributed By

**WESTECH RIGGING SUPPLY**

Visit Us Online at: [www.WestechRigging.com](http://www.WestechRigging.com)

Call Us Toll Free at: 800-442-7475

Call Us or Visit Our Stores: Monday - Friday, 8:00am - 5:30pm Pacific

4140 West 11th Avenue  
Eugene, Oregon 97402

2439 McGilchrist St SE  
Salem, Oregon 97302

**Crosby** **IP**<sup>®</sup>  
**LIFTING CLAMPS**



1 complete teeth not sharp and 1 damaged  
 1 hele tand niet scherp en 1 beschadigd  
 1 ganzer Zahn unscharf und 1 beschädigt  
 1 dent complète non pointue et 1 endommagée  
 1 diente completo no afilado y 1 deteriorado  
 1 hel tand uskarp og 1 beskadiget  
 1 hel och slö tand och 1 skadad  
 1 kokonainen hammas tylsä ja 1 vaurioitunut  
 1 hel tann uskarp og 1 skadet  
 1 kompletny, nieostry i 1 uszkodzony ząb



2 teeth damaged for 50%  
 2 tanden voor de helft beschadigd  
 2 Zähne zur Hälfte beschädigt  
 2 dents endommagées à 50%  
 2 dientes deteriorados al 50%  
 2 tænder beskadiget 50%  
 2 tænder skadade till 50%  
 2 hammasta vaurioitunut 50%  
 2 tenner skadet 50%  
 2 zęby uszkodzone w 50%



1 teeth damaged for 100% and 1 teeth damaged for 50%  
 1 tand helemaal en 1 tand half beschadigd  
 1 Zahn komplett defekt und 1 Zahn zu 50% defekt  
 1 dent endommagée à 100% et 1 dent endommagée à 50%  
 1 diente deteriorado al 100% y 1 diente deteriorado al 50%  
 1 tand beskadiget 100% og 1 tand beskadiget 50%  
 1 tand skadad till 100% och 1 tand skadad till 50%  
 1 hammas vaurioitunut 100% ja 1 hammas vaurioitunut 50%  
 1 tann skadet 100% og 1 tann skadet 50%  
 1 ząb uszkodzony w 100% i 1 ząb uszkodzony w 50%



2 rings damaged for 100%  
 2 ringen volkomen beschadigd  
 2 Ringe vollständig zerstört  
 2 bagues endommagées à 100%  
 2 anillos deteriorados al 100%  
 2 ringe beskadiget 100%  
 2 ringar skadade till 100%  
 2 rengasta vaurioitunut 100%  
 2 ringer skadet 100%  
 2 pierścienie uszkodzone w 100%



interior ring damaged for 100%  
 binnenste ring geheel beschadigd  
 Innerer Ring vollständig zerstört  
 bague intérieure endommagée à 100%  
 Anillo interior deteriorado al 100%  
 indre ring beskadiget 100%  
 indre ring skadad till 100%  
 sisärengas vaurioitunut 100%  
 innvendig ring skadet 100%  
 Pierścien wewnętrzny uszkodzony w 100%

These areas of damage, precisely as wear, are not covered by the warranty  
 Deze beschadigingen vallen buiten de garantie  
 Derartige Beschädigungen fallen ebenso wie Verschleiß nicht unter die Garantie  
 Ces dommages, tout comme l'usure, ne sont pas inclus dans la garantie  
 Estos deterioros no están cubiertos por la garantía  
 Disse skadesområder dækkes ikke af garantien  
 Dessa områden av skador som orsakats omfattas inte av garantin  
 Nämä kulumisen aiheuttamat vauriot eivät kuulu takuuseen  
 Disse typene skade, forårsaket av, dekkes ikke av garantien  
 Powyższe uszkodzenia nie są objęte gwarancją

## LANGUAGES

English

USER MANUAL

EN  
05

Nederlands

GEBRUIKERSHANDLEIDING

NL  
11

Deutsch

BETRIEBSANLEITUNG

DE  
17

Français

INSTRUCTIONS D'UTILISATION

FR  
23

Español

MANUAL DE USUARIO

ES  
29

Dansk

BRUGSANVISNING

DA  
35

Svenska

ANVÄNDARHANDBOK

SE  
41

Suomi

KÄYTTÖOPAS

FI  
47

Norsk

BRUKERHÅNDBOK

NO  
53

Polski

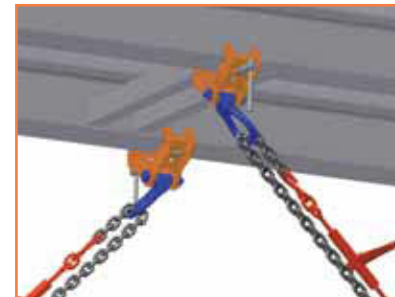
PODRĘCZNIK UŻYTKOWNIKA

PL  
59

## USER MANUAL

For clamp types: IPTK - IPTKW - IPTKU - IPTKUD

Lifting beams - temporary lifting point



## INDEX

1.	<b>General 06</b>
1.1	<b>Safety precautions 06</b>
1.2	<b>Inspection protocols 07</b>
1.3	<b>How to operate the clamp 08</b>
1.4	<b>A reliable clamp, a secure basis for lifting 09</b>

© The Crosby Group LLC. Nothing from this original user instructions publication may, in any way whatever, be replicated or published without prior written permission from The Crosby Group LLC.

# 1. General

## You have chosen a CrosbyIP lifting clamp.

If CrosbyIP clamps are maintained as described in this manual, they will remain in optimum condition. We believe that CrosbyIP clamps are the most reliable lifting clamps available. But using reliable tools does not automatically mean that practices are reliable. The people who work with clamps play an equally important role in reliable lifting. Ensure that everyone who works with CrosbyIP lifting clamps has been instructed in the proper application of the clamps.

Inter Product BV provides a 10 year warranty for its clamps. In order to benefit from this warranty programme and for more details on maintenance procedures, please consult [www.crosbyip.com/warranty](http://www.crosbyip.com/warranty) for more information.

Please read and understand these instructions before using the lifting clamp.

## 1.1 Safety precautions

- Proper instruction for the personnel is of vital importance. This will contribute to maximum reliability in the working environment.
- IPTK - IPTKW - IPTKU - IPTKUD clamps may be applied per piece, per set or with several clamps simultaneously for the lifting of steel beams and profiles. Ensure that each clamp receives its proportionate share of the load. When using two clamps or more a spreader beam is recommended.
- When the IPTK - IPTKW - IPTKU - IPTKUD clamps are used as temporary tackle eye the clamps may be used only individually.
- Temperature: The standard lifting clamps may be used with temperatures that lie between 100 °C (212 °F) and -40 °C (-40 °F). For other temperatures contact your CrosbyIP Customer Service Centre.
- There are restrictions for operation in special atmospheres (e.g. high humidity, explosive, saline, acid, alkaline).
- Loads: For proper application of the clamp consult the load diagrams 1-3.
- Ensure that all attachments between lifting eye and crane are properly fitted, secured and coupled.
- IPTKU - IPTKUD: 100% W.L.L. at 45° cross loading can be achieved provided that special demands regarding flange thickness and fixation are met. Please contact your CrosbyIP Customer Service Centre for more information.
- Remark: when handling the load, one should ensure that the load and or clamp does not encounter obstacles which could release the load on the clamps prematurely.



It is not permitted to stay in the danger zone of the load.

No changes may be made to CrosbyIP clamps. Never straighten, attempt to bend or heat treat parts.

Clamps suited for stainless steel, must be used only for handling stainless steel, to avoid contact corrosion.

- A clamp is a device that must be clean when used. Dirt has an adverse affect on the operation and also on the reliability of the clamp. When the clamp is dirty and greasy it can be cleaned with diesel oil or petroleum. Then blow dry with air or dry with a cloth and apply a little lubricant. It is important to ensure that the gripping surfaces are clean at all times. Regular cleaning will enhance the life and reliability of the clamps.

## 1.2 Inspection protocols

Prior to every application of the clamp it is important the clamp operator inspects the clamp for proper functioning.

Attention must be paid to the following (see illustration 2-4 for part reference):

- Ensure that the plate surface with which the clamp is to come into contact is free of scale, grease, oil, paint, water, ice, moisture, dirt and coatings that might impede the contact of the gripping surface with the plate.
- Check the frame elements (N) for damage, cracks or deformation (this might indicate overloading).
- Check the lifting eye (D) and the hinge block (R) (IPTKU - IPTKUD), the hinge shaft and nut (Q) (check also the cotter pin (L) which locks the nut), hoisting shaft (I) and nut (check also the roll pin (P) that holds the hinge shaft) for clearly visible wear and/or damage.
- Check the lever (H) for blocking the spindle (IPTKUD) can be operated smoothly and is locking in two positions.
- Check the screw spindle (O) for its function by opening and closing the clamp with the hand grip (X). The spindle should be easily rotatable over its full length. The clamp must open and close properly (when the operation of the clamp is stiff or heavy, it should be removed from operation for inspection).
- Check whether the W.L.L. and the jaw opening stamped on the body corresponds with the load to be lifted.

IPTK - IPTKW - IPTKU - IPTKUD clamps are particularly prone to the following defects: The screw thread of the screwed spindle of these types of clamps may become damaged. These defects may result in the clamp not opening and closing properly. This, when the clamp does not close on the beam, can become a source of hazardous situations. It is therefore extremely important to check the spindle on each occasion prior to use. Also equally important is that these defects be avoided. The spindle can in fact only be damaged by careless use of the clamps.

Another form of damage to this clamp is deformation of the body. The plates in the body elements are then generally bent. This too may result in the body not closing properly. Deformation of the body is caused by exceeding the load angle of the clamps. You should for this reason check not only the body for defects but also ensure that the lifting conditions are correct.

In doubtful cases an authorised repairer should assess the clamp.

## 1.3 How to operate the clamp

The IPTKU - IPTKUD lifting clamps are suitable for use as:

- lifting clamp for steel beams
- lashing clamp for steel beams
- temporary tackle eye for on steel beams

The IPTK - IPTKW lifting clamps are suitable for use as:

- lifting clamp for steel beams
- temporary tackle eye for on steel beams

See illustrations 5 to 8 for part reference.

1. Open the clamp by turning the handgrip (X) counter-clockwise, so that jaws fit comfortably over the profile (5).
2. Hold the clamp in position over the profile and close the clamp by turning the handgrip (X) clockwise. Ensure that the clamp closes properly and securely (E) (6).

IPTKU - IPTKUD: blocking the spindle:

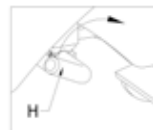
Pull lever (H) and turn left. The spindle can only be locked in the vertical and horizontal position of the handgrip.



3. The load can now be lifted with it making no difference whether the clamp is used as lifting clamp or as temporary tackle eye.
4. As soon as the load is at its destination, the clamp must be fully free of load. The lifting eye (D) (cable/chain for IPTK-IPTKW clamps) must be able to move freely (7).

IPTK - IPTKUD: de-blocking the spindle:

Pull lever (H) and turn right.



5. The clamp can now be removed. Open the clamp by once more turning the handgrip (X) counter-clockwise and remove the clamp from the profile (8).

## 1.4 A reliable clamp, a secure basis for lifting

### 10 Year warranty preventive maintenance procedure:

Parts should be replaced only when they no longer meet our standards.

### 10 Year warranty repair procedure:

Parts should be replaced only when they no longer meet our standards.

Please consult [www.crosbyip.com/warranty](http://www.crosbyip.com/warranty) for more information on maintenance procedures.

Maintenance without 10 year warranty: Annually clamps are subjected to inspection\* and parts will be replaced only when they no longer meet our standards.

\*CrosbyIP authorised repairer



## Explanation test certificate

**Verklaring testcertificaat**

**Erläuterung des Prüfscheins**

**Explication du certificat d'essai**

**Explicación del certificado de prueba**

**Forklaring af testcertifikat**

**Förklaring till provningsintyg**

**Testisertifikaatin selvitys**

**Forklaring av testsertifikat**

**Świadectwo badania – objaśnienie**

**EN EU Declaration of EU Declaration of Conformity:** We hereby declare that the equipment described below conforms to the relevant fundamental safety and health requirements of the appropriate EU Directives, both in its basic design and construction as well as in the version marketed by us. This declaration will cease to be valid if any modifications are made to the machine without our express approval.

Relevant EU Directives: **EU Machinery Directive (2006/42/CE)**. Applied standards: **ASME B30.20**

**NL EU-conformiteitsverklaring:** Hiermee verklaren wij dat de hierna vermelde machine op grond van haar basisvormgeving en constructie en in de door ons in omloop gebrachte uitvoering beantwoordt aan de desbetreffende veiligheids- en gezondheidsvoorschriften van de EU-richtlijnen. Na een wijziging aan de machine die niet in overleg met ons wordt uitgevoerd, verliest deze verklaring haar geldigheid.

Desbetreffende EU-richtlijn: **EU-machinerichtlijn (2006/42/CE)**. Toegepaste normen: **ASME B30.20**

**DE EG-Konformitätserklärung:** Hiermit erklären wir, daß die nachfolgend bezeichnete Maschine aufgrund ihrer Konzipierung und Bauart sowie in der von uns in Verkehr gebrachten Ausführung den einschlägigen grundlegenden Sicherheits- und Gesundheitsanforderungen der jeweiligen EG-Richtlinien entspricht. Bei einer nicht mit uns abgestimmten Änderung der Maschine verliert diese Erklärung ihre Gültigkeit.

Einschlägige EG-Richtlinien: **EG-Maschinenrichtlinie (2006/42/EG)**. Angewandte Normen: **ASME B30.20**

**FR Déclaration de conformité UE :** Par la présente, nous déclarons que l'équipement décrit ci-après est conforme, de par sa conception et sa construction et de par le modèle que nous avons mis sur le marché, aux exigences fondamentales de sécurité et de santé des directives européennes pertinentes. En cas de modification de la machine effectuée sans notre accord, cette déclaration sera caduque.

Directives UE pertinentes : Directive Machines (2006/42/CE). Normes appliquées : **ASME B30.20**

**ES Declaración de la UE de la Declaración de conformidad de la UE:** Por la presente declaramos que el equipo descrito a continuación cumple los requisitos de salud y seguridad fundamentales y relevantes de las Directivas de la UE apropiadas, tanto en su diseño básico y construcción como en la versión comercializada por nosotros. Esta declaración dejará de ser válida si se efectúa alguna modificación a la máquina sin nuestra aprobación expresa.

Directivas de la UE relevantes: **Directiva de maquinaria de la UE (2006/42/CE)**. Normativa aplicada: **ASME B30.20**

**DA EU-overensstemmelseserklæring:** Vi erklærer hermed, at udstyret, som er beskrevet nedenfor, er i overensstemmelse med de relevante grundlæggende sikkerheds- og sundhedskrav fra de relevante EU-direktiver, både i dets grundlæggende udformning og konstruktion samt i den version, der markedsføres af os. Denne erklæring vil ophøre med at være gyldig, hvis der foretages ændringer på maskinen uden vores udtrykkelige godkendelse.

Relevante EU-direktiver: **EU-maskindirektiv (2006/42/CE)**. Anvendte standarder: **ASME B30.20**

**SE Försäkran om EU-överensstämmelse:** Vi intygar härmed att utrustningen som beskrivs nedan uppfyller relevanta grundläggande säkerhets- och hälsokrav i enlighet med tillämpliga EU-direktiv, både under dess grundläggande design och tillverkning såväl som i den version som marknadsförs av oss. Detta intyg kommer att upphöra att gälla om några ändringar görs på maskinen utan vårt uttryckliga godkännande.

Relevanta EU-direktiv: **Europeiska maskindirektivet (2006/42/CE)**. Tillämpade standarder: **ASME B30.20**

**FI EU:n vaatimustenmukaisuusvakuutus:** Vakuutamme, että seuraavassa kuvattu laite täyttää asianomaisten EU-direktiivien asiaan kuuluvat perusturvallisuus- ja terveysturvallisuus vaatimukset sekä perussuunnittelultaan että rakenteeltaan ja lisäksi meidän myymämme version osalta. Tämä vakuutus mitätöityy, jos laitteeseen tehdään mitään tahansa muutoksia ilman meidän erityistä hyväksyntäämme.

Asianomaiset EU-direktiivit: **EU:n konedirektiivi (2006/42/CE)**. Sovelletut standardit: **ASME B30.20**

**NO EU-erklæring EU-samsvarserklæring:** Vi erklærer herved at utstyret som beskrives nedenfor er i samsvar med fundamentale krav til sikkerhet og helse i de relevante EU-direktivene, både i dets grunnleggende design og konstruksjon og i versjonen som vi markedsfører. Denne erklæringen gjelder ikke lenger dersom det gjøres endringer på utstyret uten uttrykkelig godkjenning.

Relevante EU-direktiver: **Maskindirektivet (2006/42/EU)**. Anvendte standarder: **ASME B30.20**

**PL Deklaracja zgodności WE:** Niniejszym oświadczamy, że niżej opisane urządzenie (zarówno jego podstawowa konstrukcja, jak i wersja wprowadzona przez nas na rynek) spełnia obowiązujące wymagania w zakresie bezpieczeństwa odpowiednich dyrektyw UE. Niniejsza deklaracja traci ważność w przypadku wprowadzania jakichkolwiek zmian w urządzeniu bez naszej wyraźnej zgody.

Stosowne dyrektywy UE: Dyrektywa Parlamentu Europejskiego i Rady ws. maszyn (2006/42/WE). Obowiązujące normy: **ASME B30.20**

.....

.....  
Manufacturer/Fabrikant/Hersteller/Fabricant/Fabricante/Produttore/Fabricante

CrosbyIP – Inter Product BV  
Celsiusstraat 51  
6716 BZ Ede  
The Netherlands

Ede 01-03-2011



(W. Caubergs)



**Manufacturer:**

CrosbyIP – Inter Product BV  
 Celsiusstraat 51  
 6716 BZ Ede  
 The Netherlands

**Customer Service Centres**

**BELGIUM**

Industriepark Zone B n°26  
 2220 Heist-op-den-Berg  
 P: (+32) (0)15 75 71 25  
 F: (+32) (0)15 75 37 64  
 sales@crosbyeurope.com

**FRANCE**

21, rue du Petit Albi  
 Parc d’Affaires Silic  
 95800 Cergy - St. Christophe  
 P: (+33) (0)1 34 201 180  
 F: (+33) (0)1 34 201 188  
 sales@crosbyeurope.fr

**UNITED KINGDOM**

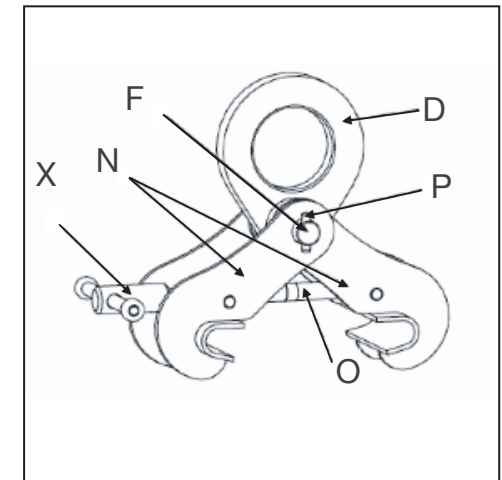
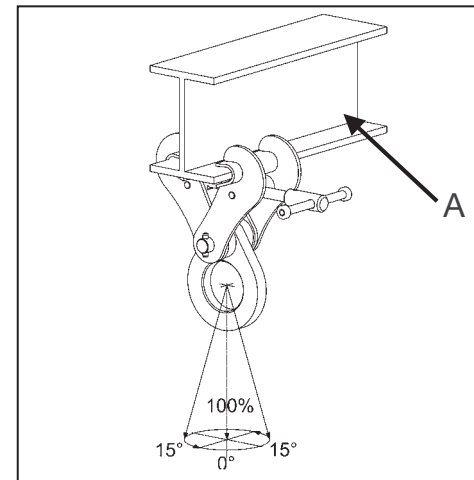
Station Street  
 Cradley Heath  
 West Midlands B64 6AJP  
 P: (+44) (0)1226 290 516  
 F: (+44) (0)1226 240 118  
 sales@crosbyeurope.co.uk

**U.S.A**

P.O. Box 3128  
 Tulsa, OK 74101  
 P: (+1) (918) 834 46 11  
 F: (+1) (918) 832 09 40  
 crosbygroup@thecrosbygroup.com

**CANADA**

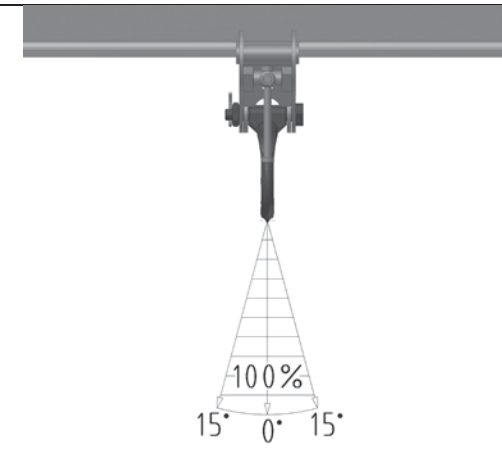
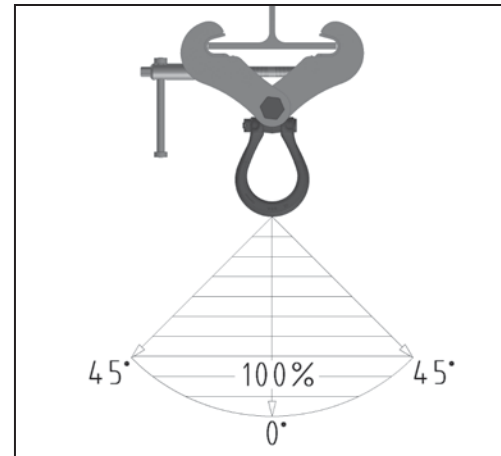
145 Heart Lake Road  
 Brampton, Ontario L6W 3K3  
 P: (+1) 905 451 9261  
 F: (+1) 877 260 5106  
 sales@crosby.ca



**IPTK - IPTKW**

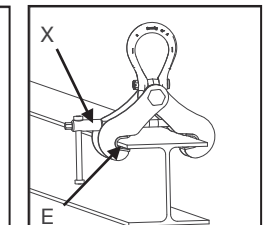
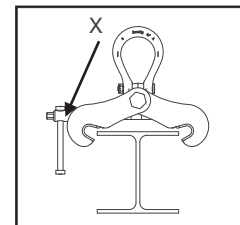
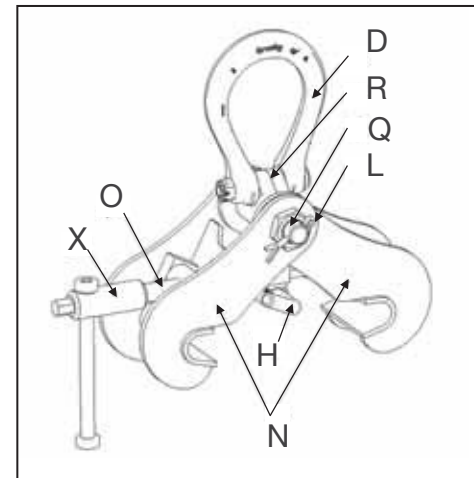
1

2



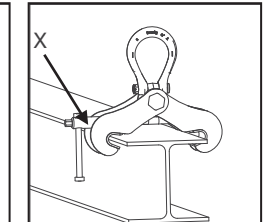
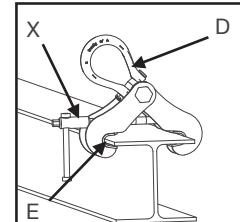
**IPTKU - IPTKUD**

3



5

6



7

8

4



## WARNING

- Loads may disengage from clamp if proper procedures are not followed.
- A falling load may cause serious injury or death.
- The clamp shall not be loaded in excess of its rated load or handle any load for which it is not designed. Read instructions in user manual to determine minimum load permitted and proper load thickness.
- Never operate a damaged or malfunctioning clamp, or a clamp with missing parts.
- Clamp not to be used for personnel hoisting.
- Prohibition of handling above persons.
- Do not leave suspended loads unattended.
- Operator and other personnel shall stay clear of the load.
- Do not lift loads higher than necessary.
- Do not make alterations or modifications to clamp.
- Do not remove or obscure warning labels.
- See ANSI/ASME B30.20 BELOW-THE-HOOK LIFTING DEVICES for additional information.
- Read, understand, and follow these instructions and the product safety information in user manual before using clamp.

