



USER MANUAL

MODEL

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

[STICKER GOES HERE]

Crosby **ip**[®]
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%
Pierścień 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

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USER MANUAL

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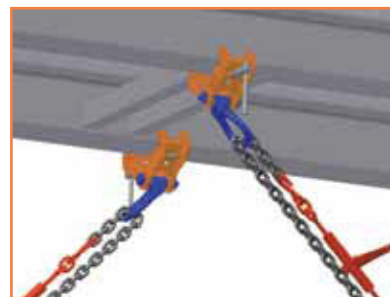
PODRĘCZNIK UŻYTKOWNIKA

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USER MANUAL

For clamp types: IPTK - IPTKW - IPTKU - IPTKUD

Lifting beams - temporary lifting point



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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 for more information.



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.

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.

- 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:

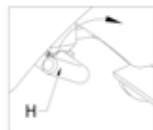
Pull lever (H) and turn left. The spindle can only be locked in the vertical and horizontal position of the handgrip.



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 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 testcertifikat

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 terveysvaatimukset sekä perussuunnittelultaan että rakenteeltaan ja lisäksi meidän myymämme version osalta. Tämä vakuutus mitätöityy, jos laitteeseen tehdään mitä 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

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Ede 01-03-2011



(W. Caubergs)

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UNITED KINGDOM

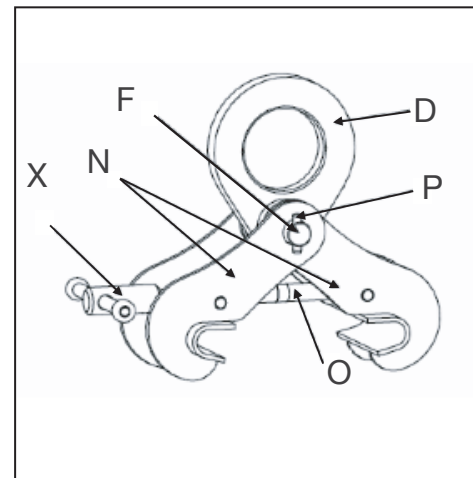
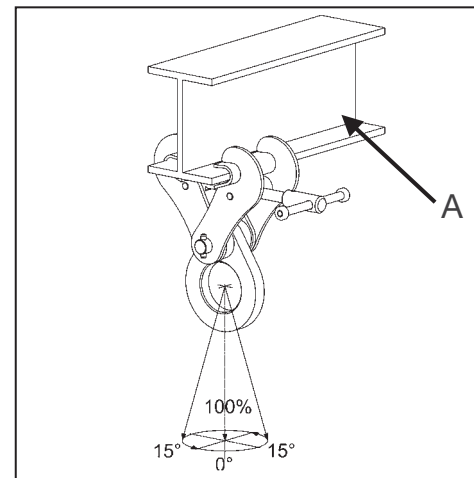
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CANADA

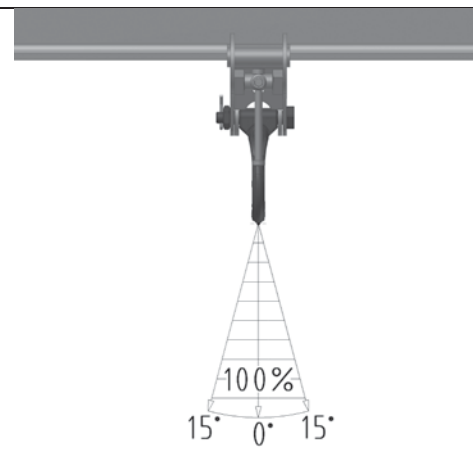
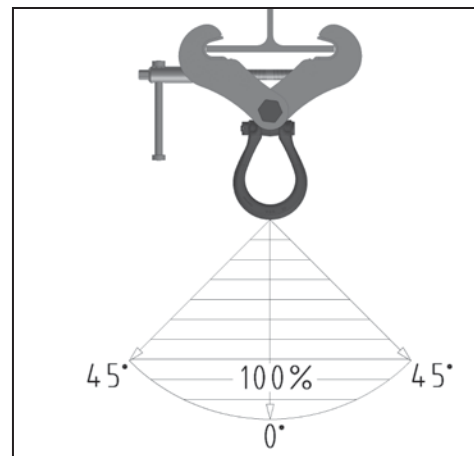
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IPTK - IPTKW

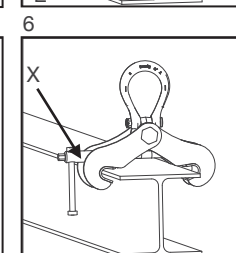
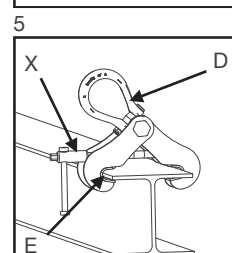
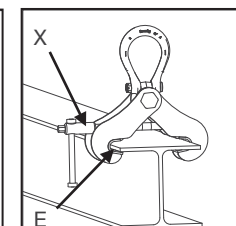
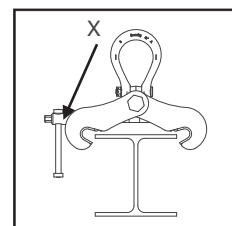
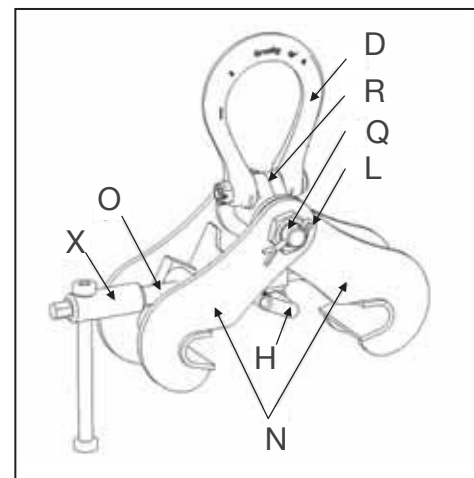
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2



IPTKU - IPTKUD

3



4

5

6



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.

