

**⚠ WARNING** This equipment should not be installed, operated or maintained by any person who has not read and understood all the contents of this manual. Failure to read and comply with the contents of this manual can result in serious bodily injury or death, and/or property damage. Record the code and serial number in the space provided below.

Code Number: \_\_\_\_\_

Serial Number: \_\_\_\_\_

**Table of Contents**

1.0	IMPORTANT INFORMATION AND WARNINGS.....	1
2.0	TECHNICAL INFORMATION.....	2
3.0	PREOPERATIONAL PROCEDURES.....	2
4.0	OPERATION/USE .....	3
5.0	INSPECTION.....	3
6.0	MAINTENANCE.....	5
7.0	WARRANTY .....	6
8.0	PARTS LIST .....	6
9.0	INSPECTION/TEST CERTIFICATE .....	8

**1.0 Important Information and Warnings**

**1.1 Terms and Summary**

**This manual provides important information** for personnel involved with the installation, operation and maintenance of this product. Although you may be familiar with this or similar equipment, it is strongly recommended that you read this manual before installing, operating or maintaining the product.

**Danger, Warning, Caution and Notice** – Throughout this manual there are steps and procedures that can present hazardous situations. The following signal words are used to identify the degree or level of hazard seriousness.

**⚠ DANGER** Danger indicates an imminently hazardous situation which, if not avoided, **will** result in **death or serious injury**, and property damage.

**⚠ WARNING** Warning indicates an imminently hazardous situation which, if not avoided, **could** result in **death or serious injury**, and property damage.

**⚠ CAUTION** Caution indicates a potentially hazardous situation which, if not avoided, **may** result **minor or moderate injury** or property damage.

**NOTICE** Notice is used to notify people of installation, operation, or maintenance information which is important but not directly hazard-related.

**⚠ CAUTION**

These general instructions deal with the normal installation, operation, and maintenance situations encountered with the equipment described herein. The instructions should not be interpreted to anticipate every possible contingency or to anticipate the final system, crane, or configuration that uses this equipment. For systems using the equipment covered by this manual, the supplier and owner of the system are responsible for the system's compliance with all applicable industry standards, and with all applicable federal, state, and local regulations/codes.

Record your clamp's Code and Serial Number (see Section 3) on the front cover of this manual for identification and future reference to avoid referring to the wrong manual for information or instructions on installation, operation, inspection, maintenance, or parts.

Use only Harrington authorized replacement parts in the service and maintenance of this clamp.

**⚠ WARNING**

Equipment described herein is not designed for and **MUST NOT** be used for lifting, supporting, or transporting people, or for lifting or supporting loads over people.

Equipment described herein should not be used in conjunction with other equipment unless necessary and/or required safety devices applicable to the system, crane, or application are installed by the system designer, system manufacturer, crane manufacturer, installer, or user.

Modifications to upgrade, rerate, or otherwise alter this equipment shall be authorized only by the original equipment manufacturer.

If equipment is used as a below-the-hook lifting device, refer to ANSI/ASME B30.20, "Safety Standard for Below-the-Hook Lifting Devices". As an above-the-hoist device, refer to applicable portion of ANSI/ASME B30.16.

Clamps used to handle hot molten material may require additional equipment or devices. Refer to ANSI Z241.2, "Safety Requirements for Melting and Pouring of Metals in the Metalcasting Industry".

Failure to read and comply with any one of the limitations noted herein can result in serious bodily injury or death, and/or property damage.

## 7.0 Warranty

All products sold by Harrington Hoists, Inc. are warranted to be free from defects in material and workmanship from date of shipment by Harrington for the following periods:

- 1 year – Electric and Air Powered Hoists (excluding (N)ER2 Enhanced Features Models), Powered Trolleys, Powered Tiger Track Jibs and Gantries, Crane Components, Below the Hook Devices, Spare / Replacement Parts
- 2 years – Manual Hoists & Trolleys, Beam Clamps
- 3 years – (N)ER2 Enhanced Features Model Hoists
- 5 years – Manual Tiger Track Jibs and Gantries, TNER Pull - Rotor Motor Brake
- 10 years – (N)ER2 "The Guardian" Smart Brake

The product must be used in accordance with manufacturer's recommendations and must not have been subject to abuse, lack of maintenance, misuse, negligence, or unauthorized repairs or alterations.

Should any defect in material or workmanship occur during the above time period in any product, as determined by Harrington Hoist's inspection of the product, Harrington Hoists, Inc. agrees, at its discretion, either to replace (not including installation) or repair the part or product free of charge and deliver said item F.O.B. Harrington Hoists, Inc. place of business to customer.

Customer must obtain a Return Goods Authorization as directed by Harrington or Harrington's published repair center prior to shipping product for warranty evaluation. An explanation of the complaint must accompany the product. Product must be returned freight prepaid. Upon repair, the product will be covered for the remainder of the original warranty period. Replacement parts installed after the original warranty period will only be eligible for replacement (not including installation) for a period of one year from the installation date. If it is determined there is no defect, or that the defect resulted from causes not within the scope of Harrington's warranty, the customer will be responsible for the costs of returning the product.

Harrington Hoists, Inc. disclaims any and all other warranties of any kind expressed or implied as to the product's merchantability or fitness for a particular application. Harrington will not be liable for death, injuries to persons or property or for incidental, contingent, special or consequential damages, loss or expense arising in connection with the use or inability whatever, regardless of whether damage, loss or expense results from any act or failure to act by Harrington, whether negligent or willful, or from any other reason.

## 8.0 Parts List

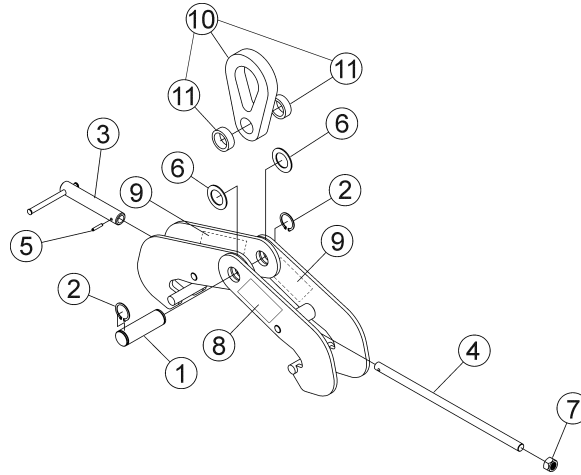


Figure Number	Part Name	Parts Per Clamp	1 Ton	2 Ton	3 Ton	5 Ton	10 Ton
1	Main Pin	1	UBC1001920	UBC10019201	UBC1001919	UBC10019191	UBC1003104
2	Snap Ring*	2	9004929		9004937		9004945
	Spiral Retaining Ring	2	9015701		9015702		9015703
3	Clamp Handle	1	UBC10008282		UBC10008281		UBC1003101
4	Clamp Screw	1	UBC1003075				UBC1003076
5	Spring Pin	1	90054100				90054103
6	Bushing	2	UBCC8888016		UBC30221593		UBC30221595
7	Lock Nut	1	UBC36786				UBC36789
8	Name Plate	1	80191	80192	80193	80194	80195
9	Warning Tags	1	80190				
10	Suspender (Optional)	1	SK2		SK5		SK10
11	Suspender Spacer (Optional)	2	UBC1001922		UBC1001921		UBC1003100

\*Earlier Version



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