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Item / Qty / Part No. / Description				
	01	1	CB4226000	Swivel attachment
	02	1	CA8709000	Тор сар
	03	1	CB6509000	Body
	04	1	CB4425000	Hook
	05	1	AA7842000	Hook pin
	06	1	M69100002 •	Latch pin
	07	1	CA3139000	Piston
	08	2	M5700001 •	U-Cup seal
	09	1	M5700002 •	U-Cup seal
	10	1	AB0080000	Spring
	11	1	AA8777000	Swivel bolt
	12	1	AA8778000	Swivel bolt washer
	13	4	M30600005 •	Tie bolt
	14	2	M69100032 •	Roll pin
	15	1	AA4197000 •	Spring latch
	16	1	BB6654000	Latch
	17	2	BB8401000 •	Bolt locking tab
	18	1	M30100013	Set screw
	19	1	M30100013	Jam set screw
	20	1	AA6223000	Chain pin
	21	1	M24250049	Relief valve
	22	1	AB0121000	Caution sticker
	23	1	M18500013	Tapered plug

• Recommended Spares

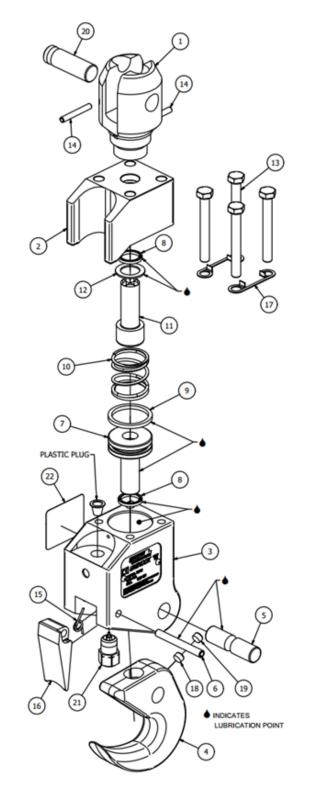
Warning- Only use #M30600005 Bolts. They are special high strength bolts. Do not substitute any other hex head bolts.

**ATTENTION-** Cranston assembles each hook using a NLGI #2, marine grade, calcium sulfonate base grease (Example: Lucas Marine Grease) which seals out water and inhibits corrosion. Any substitution must be NLGI #2, have a washout rating of less than 3% (typically Calcium Sulfonate or polymerized PTFE), and a viscosity of 120-220 cSt. Ensure grease not applied to threaded areas.

Product description and specification is subject to change without notice. All products and services are covered by Cranston standard terms and conditions, including limits of liability and warrantee effective at the time of sale. Available upon request. © Cranston Machinery Co., Inc.

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## Introduction:

The Cranston UNIHOOK™ is a very robust, marine grade, lifting device, designed to provide remote release of a pre-slung load.

The user must assemble the UNIHOOK<sup>™</sup> to a properly rated chain assembly and plumb to a pressurized, regulated air or nitrogen supply.

During attachment to a lifting sling (multiple wire strands, wire ropes, slings, rings, etc.), the pivoting hook is manually cocked in the locked position.

To unlatch the pivoting hook from the locked position, the load must be removed from the hook before the pneumatic supply is applied. For relocating slings, or other similar light load applications (up to 45Kg/100#), the pivoting hook can be released.

Limitation of Liability. Rigging, conditions of use, and maintenance of cargo handling gear is outside of Cranston Machinery Control. The user, therefore, must evaluate each application under the condition of use and the safety factor pertinent to the appropriate industry, to determine the safe application of the Cranston Machinery UNIHOOK™

**ATTENTION-** All owners, users and technicians should review Cranston Specification CS005 prior to operation or servicing of this UNIHOOK<sup>™</sup>. CS005 is available thru Cranston's website. CS005 includes detail on use, maintenance, and warranty

**WARNING-** It is imperative that the pressurized pneumatic supply does not exceed .14MPa / 20PSI. An internal pressure relief valve is incorporated into this model UNIHOOK™ to audibly alert the user of an over pressure condition, indicating use should be discontinued, until the condition is corrected.

**NOTE-** Cranston Machinery would be pleased to consider any special requirements you may have. Cranston Machinery designs and manufactures custom tools, lift beams and automated equipment.

## 2251 S.E. OAK GROVE BLVD., OAK GROVE, OREGON 97267 +001(503)654-7751www.cranston-machinery.com

Bulletin No:	L052	
UNIHOOK <sup>™</sup> Model:	26A105	
Issued:	220509	
Patent No:	11434110	

## **Specifications:**

- Safe Working Load: 3 Metric Tonnes
- Design Safety factor: 4 x SWL
- Certified Testing for each UNIHOOK™: 2 x SWL
- Operating Temperature: -35°C +175°C
- Typical Weight: 5kg / 11#
- Guidelines for Maintenance, Use and Care: CS005
- Top Cap Features: 360 Degree rotation
- Pivoting hook Material choice: Corrosion Resistant
- CE Compliance: Yes
- Tested for Underwater release: Yes

