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Bulletin No: **L043 UNIHOOK™** Model: **26A095**Issued: 211129

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™ 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 23Kg/50#), 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™

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

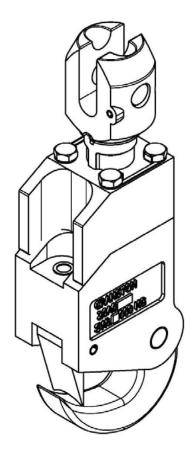
CE Compliance: Yes

Tested for Underwater release: Yes

ATTENTION- All owners, users and technicians should review Cranston Specification CS005 prior to operation or servicing of this UNIHOOK™. CS005 is available thru the adjacent QR code and Cranston's website. CS005 includes detail on use, maintenance, and warranty

WARNING- It is imperative that the pressurized pneumatic supply does not exceed .28MPa / 40PSI.

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.





Item / Qty / Part No. / Description

01	1	CB4226000		Swivel attachment
02	1	CA8709000		Top cap
03	1	CB6509000		Body
3A	1	M53100102		Plug, ¼" NPT
04	1	CB4425000		Hook
05	1	AA7842000		Hook pin
06	1	M69100002	•	Latch pin
07	1	CA3139000		Piston
80	2	M57000001	•	U-Cup seal
09	1	M57000002	•	U-Cup seal
10	1	AA8451000		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	1	M30100013		Set screw
18	2	BB8401000	•	Bolt locking tab
19	1	M30100013		Jam set screw
20	1	AA6223000		Chain pin

21

22 1 AA5909000

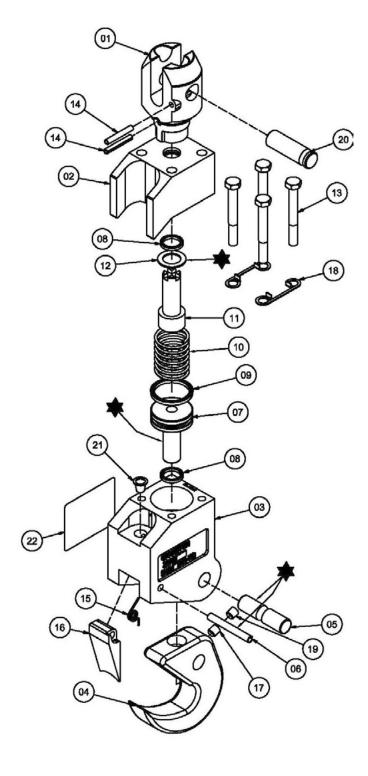
• Recommended Spares

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

Tapered plug

Caution sticker

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. Stars in diagram indicate lubrication points.



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.

Please visit us at: cranston-machinery.com

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