



NautilusHooks™

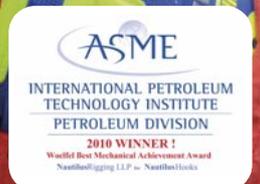
Manufacturers of Advanced Lifting Products

Nautilus Double Locking Hooks (NDL)

At Nautilus, we're setting the new, global standard in lifting hook safety. Our new technology advances industry with our next generation, patented, automatic double locking safety hooks.



nautilushooks.com





TRADITIONAL HOOK

We make
the hook,
you make
the choice



NAUTILUS HOOK

Putting workplace safety first

NDL hooks feature our unique double-locking device, which automatically, and independently, locks the mechanism on two opposing axes ensuring the hooks integrity is always maintained, effectively eliminating the risk of unplanned hook openings or load self-release.

Our next generation NDL hooks are as secure as a shackle, quicker and much easier to use they combine functionality with simplicity. The ergonomic safety handle and lock design delivers a rotational operation for an enhanced single-hand ease of use while fully protecting the operators' hands from pinch and trap injuries.

This new technology builds on our original ASME award-winning NautilusHooks™ design, developed to advance workplace lifting safety across all industry sectors, and critical in the Maritime and global energy sectors where offshore lifting equipment must be able to withstand the operational demands of harsh and often unpredictable conditions of the hydrodynamic marine lifting environment.



Total versatility across multiple applications

Our Nautilus double locking hooks are configured in three variants for each load rating — load-bearing swivel, shank, and eye-top hooks for standard chain assemblies or wire rope connections. We customise shank hooks for fixed swivel hooks on crane blocks and sheaves or extending crane booms. Nautilus double locking hooks are available for gantry retrofits or new crane equipment, ideal for spreader bars or tugger winches. The unique safety features incorporated in our next generation NDL hooks have been designed to maximise versatility and improve safety, with benefits across multiple industrial applications. Among the key commercial sectors we serve worldwide are construction, manufacturing, marine, mining and the offshore energy sectors.

Our hooks provide a cost-effective solution to eliminating workplace risks and all our double lock models comply with the highest international standards. We are proud to deliver top quality, cost efficient, easy to use hardware that puts safety first.

Nautilus double-lock key safety features

Our high-grade swivel bearing allows on-load rotation, dissipates crane wire torsion and assists load positioning

SWIVEL HOOK



The patented stainless steel double-locking mechanism automatically and independently locks the hook on two opposing axes, significantly improving intrinsic safety and operational integrity

The smooth external profile eliminates snagging hazards of external lock, latch or lever protrusions

The redesigned and elongated eye improves rigging flexibility and is ideal for chain sling assemblies or wire rope terminations

EYE HOOK

An improved load-bearing cross section with larger radii improves soft-sling compatibility

Our unobstructed safety handle eliminates pinch and trap injuries by removing the operator's hands from the hook-sling interface

Combining our patented safety handle and side-mounted locking mechanism delivers a unique rotational operating method, making our larger, heavier, hooks light and easy to use with one hand

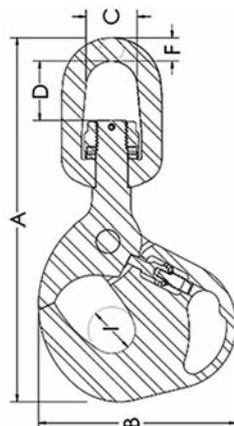
The hook's internal load-bearing profile features a unique design for quick and easy loading or discharge



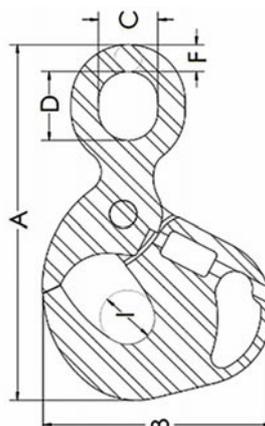
Technical Data

Our patented second-generation Nautilus NDL hooks are available configured as either load bearing swivel hooks, custom shank, or eye hook. Our innovation puts personal safety first. Whatever the workplace lifting environment or operational challenges you face, we've got you covered!

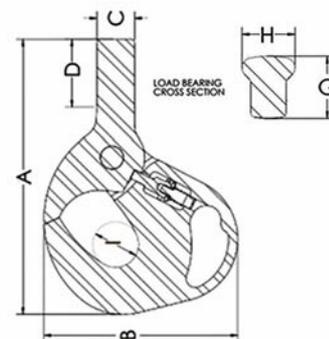
Swivel Hooks (NDL-S)



Eye Hooks (NDL-E)



Shank Hooks (NDL-Sk)



Nautilus Hook Model Code	Model Variant	W.L.L. Mt/lbs	Chain Code	Wt. kg	General Dimensions (approx. mm)*							
					A	B	C	D	F	G	H	I-Ø
NDL-6E	Eye top	06t / 13277	14/8	4.0	303	185	48	56	22	46	38	44
NDL-6S	Swivel top	06t / 13277	14/8	5.5	342	185	48	56	22	46	38	44
NDL-6Sk	Shank	06t / 13277	N/A	4.0	264	185	36	66	N/A	46	38	44
NDL-10E	Eye top	10t / 22046	18/8	6.0	341	212	60	75	26	50	44	50
NDL-10S	Swivel top	10t / 22046	18/8	7.8	395	212	61	65	26	50	44	50
NDL-10Sk	Shank	10t / 22046	N/A	6.0	303	212	40	82	N/A	50	44	50
NDL-16E	Eye top	16t / 35273	23/8	8.0	394	256	65	77	30	62	46	60
NDL-16S	Swivel top	16t / 35273	23/8	10	475	256	65	77	30	62	46	60
NDL-16Sk	Shank	16t / 35273	N/A	7.8	395	260	42	90	N/A	62	46	60
NDL-22E	Eye top	22t / 48501	26/8	15	434	265	68	75	36	64	55	64
NDL-22S	Swivel top	22t / 48501	26/8	17	498	265	68	75	36	64	55	64
NDL-22Sk	Shank	22t / 48501	N/A	14	412	265	44	100	N/A	64	55	64
NDL- 32E/Sk	Eye & Shank	TBC/NOV23	-	-	-	-	-	-	-	-	-	-

* General dimensions may vary slightly between production "batch" forgings (+/-2%) For guidance reference only.

- Nautilus double locking hooks are manufactured in the UK to exceed the requirements of BS/EN 1677-1/3 +A1/2008 and US/ASME B30.10 for lifting hooks
- NautilusHooks™ are patented products. International patents pending. US patents RE47,349E & US10,882,721B2
- Nautilus hooks are CE certified (Machinery Directive 2006/42/EC) and UKCA compliant
- Our hooks are certified for use with chain slings to EN818-4, wire rope assemblies to EN 13414-1 or textile soft slings to EN 1492-1/2 - 2000
- All products are individually proof tested 2.5 x WLL
- Our hooks exceed MBL requirements (4:1 SF), and are fatigue rated to 20,000 cycles at 1.5 x WLL
- All Nautilus Hooks products are supplied with our manufacturer's declaration of conformance and corresponding materials test certification
- Our double-locking hooks are forged from high-carbon alloy steel and individually numbered for full traceability and compliance
- The Nautilus double locking mechanism components are precision machined from marine grade stainless steel, enhancing corrosion resistance and provides a smooth "jam free" operation every time

International Trade Enquiries

Contact the manufacturers,
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UK Enquiries and Sales

Contact our authorised UK distributors,
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