



William Hackett

HA Master Links with handles

Manufactured in accordance with
DNV 2.7-1, EN1677, ASME B30.26,
AS 1666.1 and AS 3776-2015

Charpy Values 42J @ -40°C

The master link is based on DNV GL Type Approval TAS00001BN Rev. 2



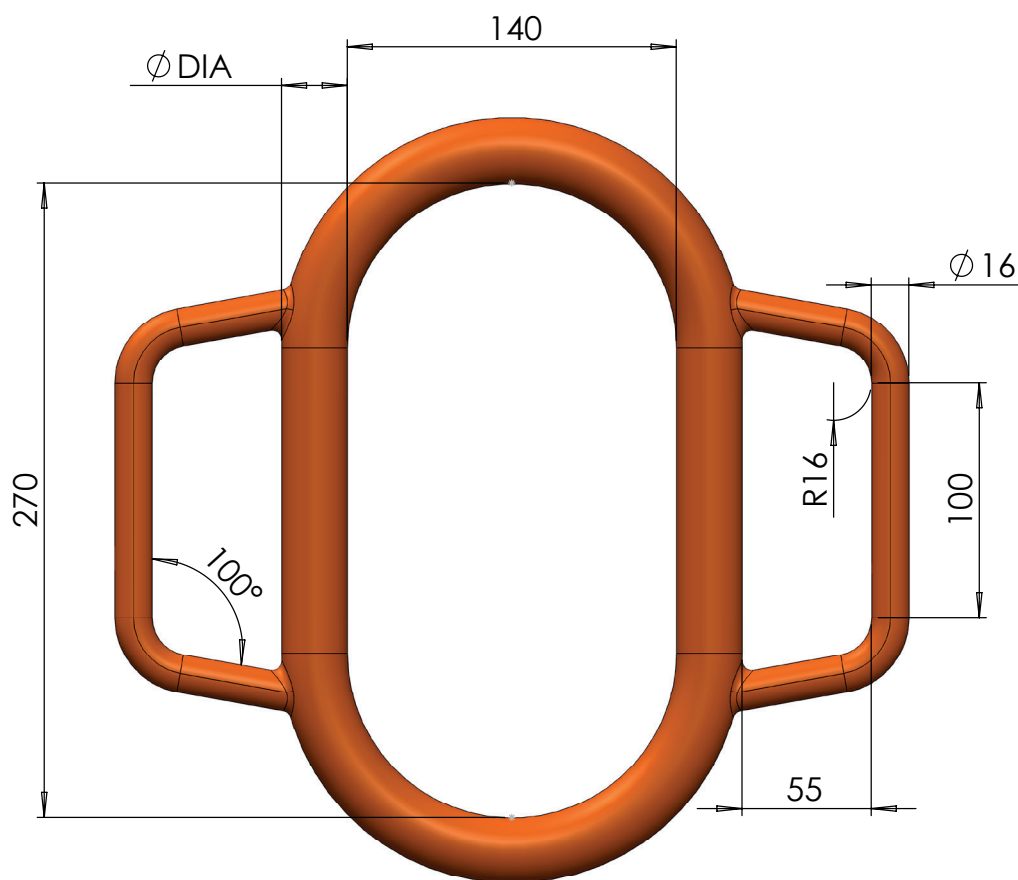
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HA MASTER LINK WITH HANDLES



Note:

Handles as per DRG No. AMD-782-A Rev. 6
All dimensions in mm

Part Code	Diameter mm	WLL (FOS 5:1) t	Proof Force kN	Break Force kN
330.220.H	22	7.00	172	343
330.250.H	25	9.30	229	456
330.280.H	28	14.50	356	711
330.320.H	32	19.00	466	932
330.360.H	36	26.00	638	1275



HA MASTER LINK WITH HANDLES - Zinc-Tough™

Zinc-Tough™ offers an enhanced corrosion resistance protection offering more value in terms of additional protection against the corrosive offshore environment. Key features being:

- The material and manufacturing process of the master links used in the production of master links with handles is identical to the production of the HA DNV2.7-1 master links.
- The additional corrosion protection is by the means of a 'Zinc Thermal Diffused' metallurgical layer. The zinc atoms vaporise on the base-metal's surface and progressively diffuse into the targeted host material forming a stable corrosion protective Zn-Fe alloy layer.
- The thermal diffusion process does not alter the mechanical properties of the links.

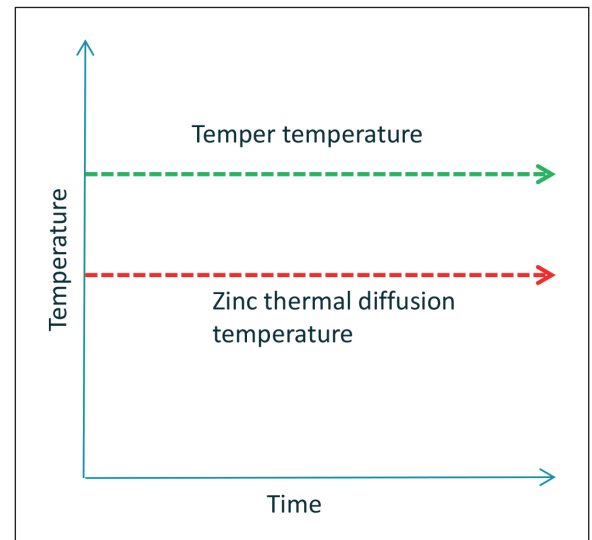
Advantages of Zinc thermal diffusion

Non interference with metallurgical properties

The low temperature application of the coating process has no interference with hardness and toughness properties.

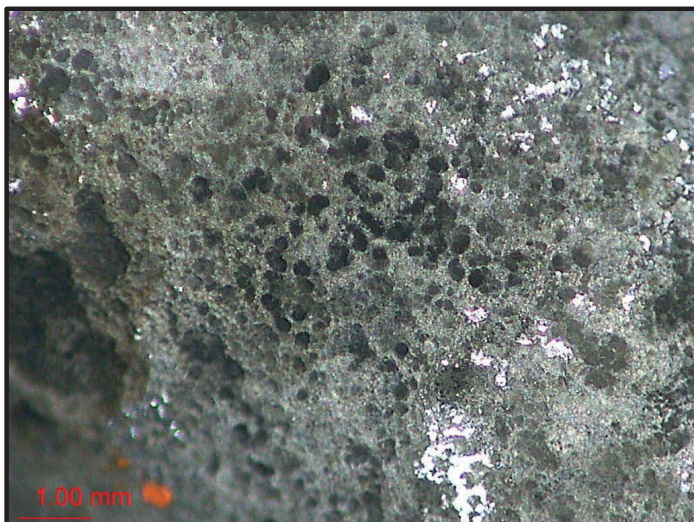
Zero risk to hydrogen embrittlement

Many coating processes such as galvanizing and electroplating brings with them the risk of embrittlement. This process poses a zero risk of hydrogen embrittlement.

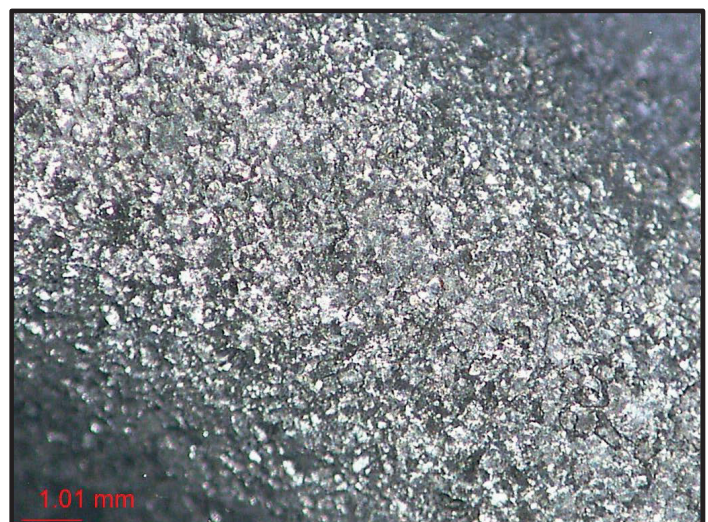


Pitting resistance comparison

Standard link



Zinc Thermal diffused link



The Zinc Thermal diffused link showed no evidence of pitting after 600 hours of salt spray test while the standard link exhibited significant pitting



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