

## HA® Master Link with Handles

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The HA master link with handles is specifically designed for the lifting and lowering of lifeboats as part of a sling assembly. Each HA master link with handles is manufactured from grade 8 triple alloy steel, and has a primary application of Zinc-Tough corrosion protection treatment that is complimented by a secondary application of orange powder coating. The makes the HA master link with handles range an optimal solution for lifting and rigging in the harshest offshore environments.

**Standards:** designed and manufactured in accordance with DNV-ST-E271, EN1677-4, ASME B30.26, and AS3776:2015.

**Product sizes:** available in diameters from 22mm to 36mm and working load limits from 7.0 tonnes to 26.0 tonnes.

**Temperature:** operational temperature range of - 40°C to + 200°C without reduction in working load limit.

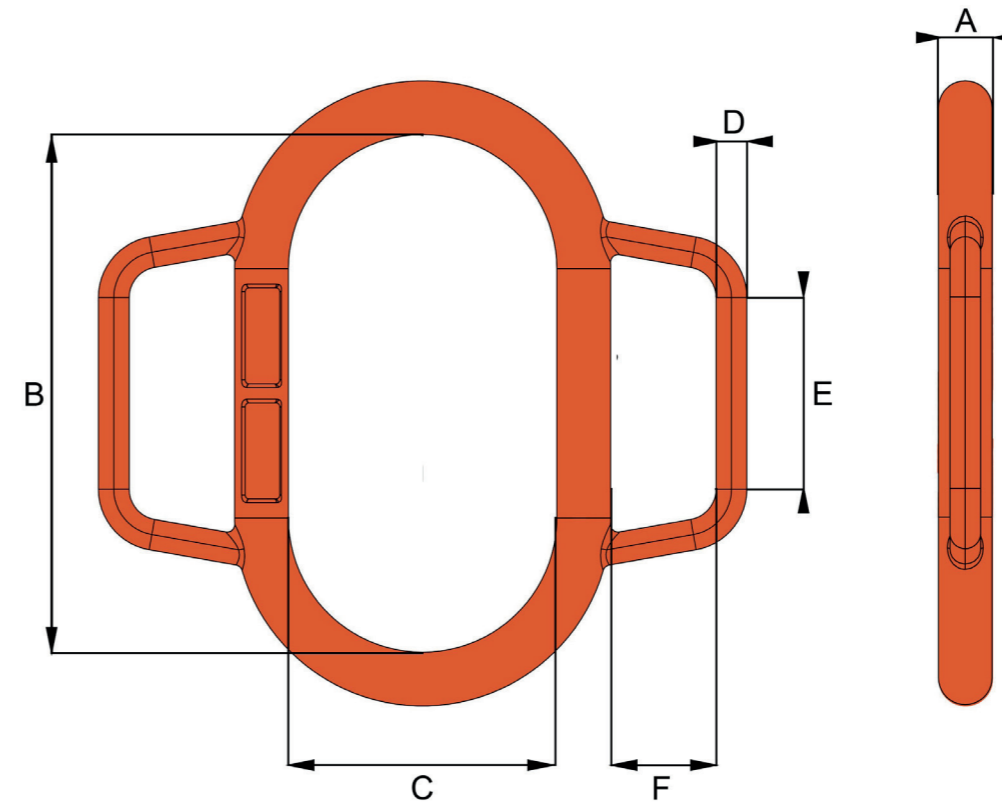
**Material & hardness:** manufactured from grade 8 triple alloy steel with Zinc-Tough treatment, and with a hardness range of 34 to 36 HRC.

**Average impact energy (Charpy):** 42 Joules minimum impact resistance at -40°C (up to 50mm diameter sizes).

**Testing:** individually proof load tested to 2.5 times working load limit, and 100% MPI tested.

**Embossing:** includes product description (i.e., "HA22 H8 OS+") and batch number.

**Safety factor:** 5 : 1.



### Specifications

Part Code	Description	A mm	B mm	C mm	D mm	E mm	F mm	WLL t	MPF kN	MBL kN	Mass kg
330.220.H	HA22 H8 OS+	22.0	270.0	140.0	16.0	100.0	55.0	7.0	172	343	3.00
330.250.H	HA25 H8 OS+	25.5	270.0	140.0	16.0	100.0	55.0	9.3	229	456	3.84
330.280.H	HA28 H8 OS+	28.0	270.0	140.0	16.0	100.0	55.0	14.5	356	711	4.51
330.320.H	HA32 H8 OS+	32.0	270.0	140.0	16.0	100.0	55.0	19.0	466	932	5.75
330.360.H	HA36 H8 OS+	36.0	270.0	140.0	16.0	100.0	55.0	26.0	638	1275	7.19