



Master Link HA

Product information

Certified according to international standards: DNV-ST-E271, DNV-ST-E273, BSEN ISO 10855-2, EN1677-4, ASME B30.26, API-2CCU - Aug. 2017

The HA series with Grade 8 is widely used for offshore rigging and container lifting and is the global market leader based on the following:

- Product available in diameters from 16 mm up to 90 mm and working load limits from 4.1 tonnes to 150 tonnes.
- The links are made of triple alloy steel in accordance with EN1677, which includes individually proof loaded to 2.5 times the working load limit and 100% MPI MPF (Manufacturing Proof Force): $2.5 \times 9.81 \times \text{Working Load Limit (kN)}$ (min.).
- BF (Break Force): $\text{WLL} \times \text{Safety Factor WLL (Working Load Limit) (tonnes) @ } 45^\circ \text{ to vertical}$.
- Average impact energy (charpy) 42 Joule minimum impact resistance at -40°C up to 50 mm diameter.

Marking: According to standard

Temperature range: -40° C up to + 200°C

Standard: EN 1677-4, DNV 2.7-1 Approved

Safety factor: 5:1

Grade: 8

Part Code	Code	WLL ton	A mm	B mm	C mm	D mm	E mm	F mm	Weight kg	Delivery time
401100700500	HA23QAS 8 OS+	7	22	270	140	22	162	90	5.22	7
401101900500	HA32QA 8 OS+	19	3,219	270	140	28	200	110	10.92	3
401102600500	HA36QA 8 OS+	26	36	270	140	28	200	110	12.35	7
401104000500	HA45QA 8 OS+	40	45	320	175	36	270	140	25.09	7

Blueprint

