

## HA Lifting Point - Extended Bolt (Metric)

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The HA lifting point - extended bolt (metric) is a bolt-on load attachment product designed for use with loads that incorporate tapped holes. It can rotate 360° around the bolt axis, as well as pivot 90°, allowing the lifting point to orientate to the appropriate angle of lift, mitigating the risk of load damage. The HA lifting point - extended bolt (metric) is suitable for both top and side mounting, and maintains its full working load limit even when pulled at 90°.

**Standards:** designed and manufactured in accordance with EN1677-1 and ASME B30.26.

**Product sizes:** available in sizes M8 to M48 and with working load limits from 0.3 tonnes to 20.0 tonnes.

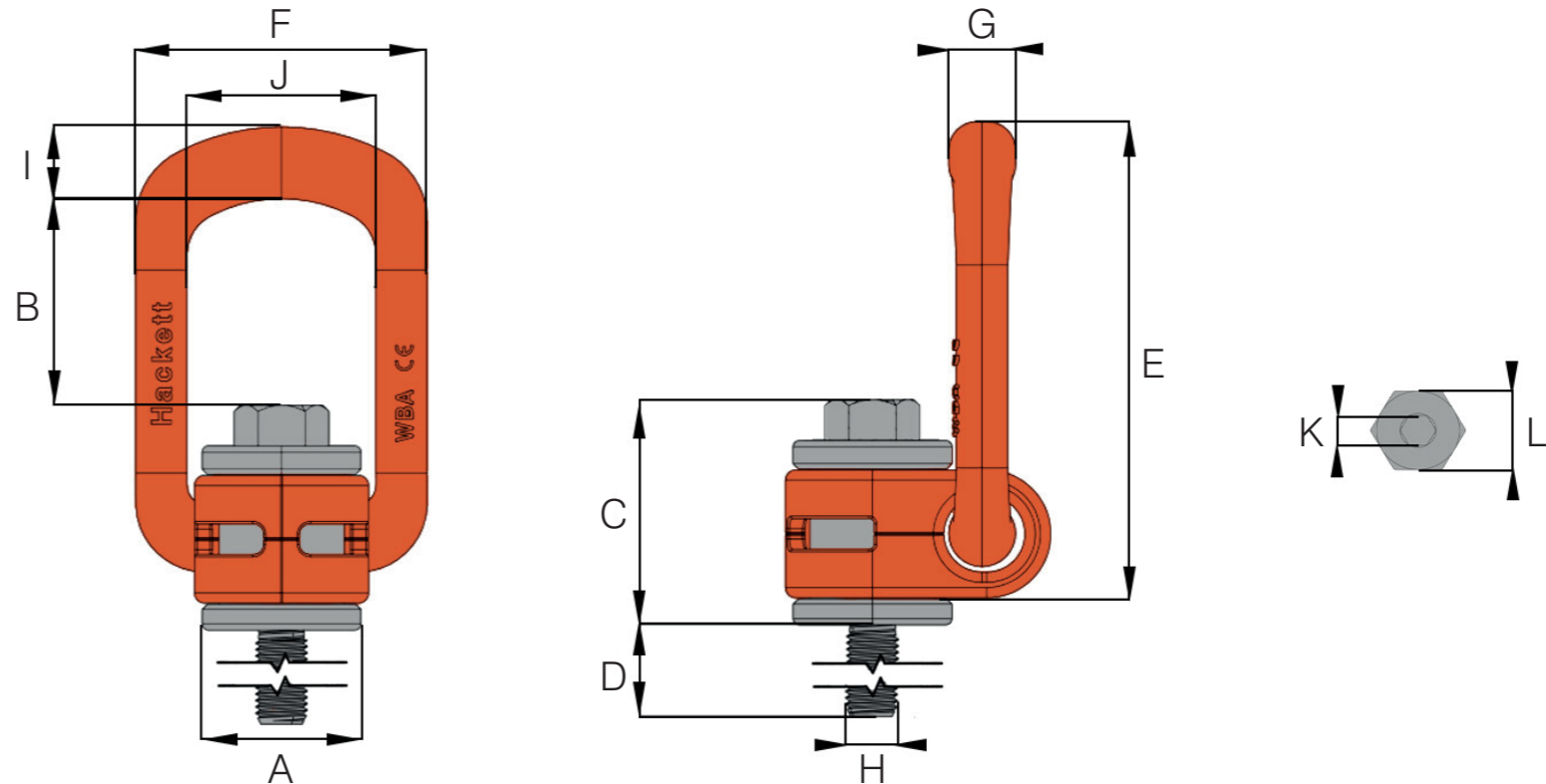
**Product markings:** forged bail marked with manufacturer name "Hackett" and batch number for product material traceability. Body marked with working load limit (based on 4 : 1 safety factor) and batch number. Bolt marked with metric size, material grade, working load limit (based on 4 : 1 safety factor), and batch number for bolt material traceability.

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

**Material:** alloy steel.

**Testing:** load rated parts are subject to 100% magnaflux crack detection following heat treatment. HA lifting points are proof tested to 2.5 times working load limit, and fatigue rated to 1.5 times working load limit.

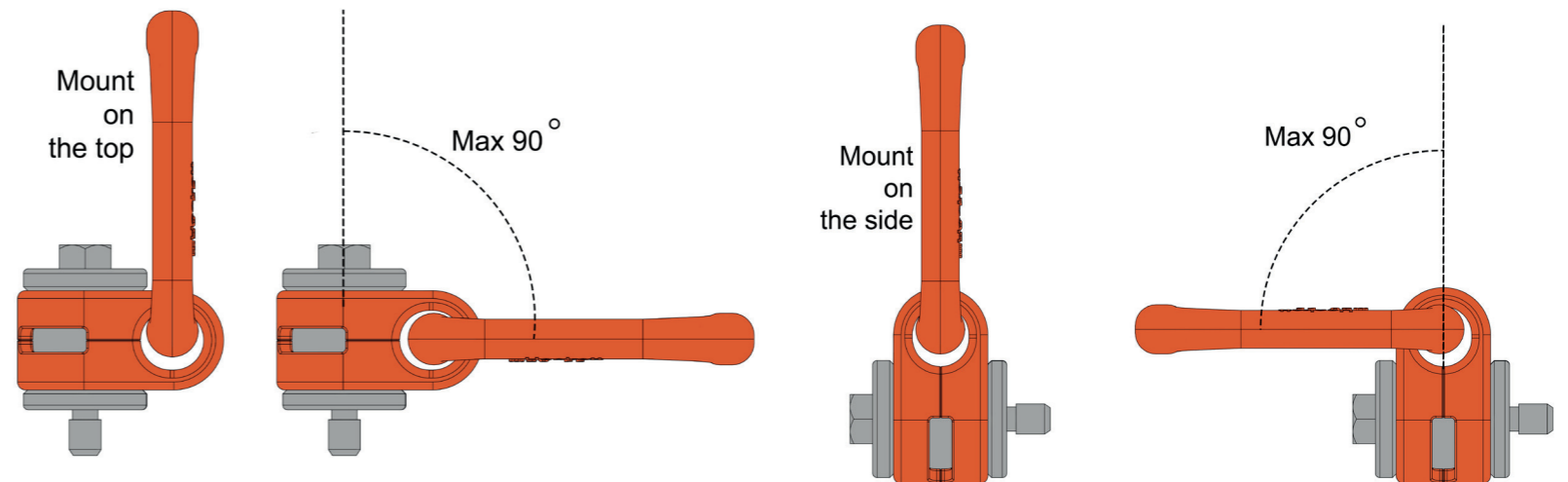
**Extended bolts:** manufactured to standard lengths (bespoke bolt lengths available upon request).



### Specifications

Part Code	WLL t	Thread M	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	J mm	K mm	L mm	Torque Nm	Mass kg
8-H17-M08G/105L	0.3	M8	31	43	42	69	98.5	57	13	8	14	37	6	13	25	0.57
8-H17-M10G/125L	0.63	M10	31	41	44	89	98.5	57	13	10	14	37	6	16	30	0.59
8-H17-M12G/150L	1.0	M12	31	40	45	114	98.5	57	13	12	14	37	8	18	35	0.60
8-H17-M16G/185L	1.5	M16	31	37	48	149	98.5	57	13	16	14	37	10	24	80	0.80
8-H17-M20G/230L	2.5	M20	45	68	58	186	143	82	16	20	16.5	54	12	30	150	2.00
8-H17-M24G/265L	4.0	M24	45	65	61	221	143	82	16	24	16.5	54	14	36	260	2.35
8-H17-M30G/340L	5.0	M30	59	66	82	278	170	99	22	30	22	65	17	46	400	4.60
8-H17-M36G/360L	8.0	M36	69	95	104	281	226.5	123	27.5	36	27	85	22	55	550	7.90
8-H17-M42G/385L	15.0	M42	98	104.5	117	295	257.5	158	36	42	36	104	22	65	650	14.00
8-H17-M48G/385L	20.0	M48	98	101.5	120	295	257.5	158	36	48	36	104	27	75	700	15.20

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Number of legs	Load Direction										
	0°	0°	90°	90°	0-45°	45-60°	unsym	0-45°	45-60°	unsym	
Part Code	Thread		WLL (in tonnes) by Lifting Application								
8-H17-M08G/105L	M8	0.3	0.6	0.3	0.6	0.42	0.3	0.3	0.63	0.45	0.3
8-H17-M10G/125L	M10	0.63	1.26	0.63	1.26	0.88	0.63	0.63	1.32	0.94	0.63
8-H17-M12G/150L	M12	1.0	2.0	1.0	2.0	1.4	1.0	1.0	2.1	1.5	1.0
8-H17-M16G/185L	M16	1.5	3.0	1.5	3.0	2.1	1.5	1.5	3.15	2.25	1.5
8-H17-M20G/230L	M20	2.5	5.0	2.5	5.0	3.5	2.5	2.5	5.25	3.75	2.5
8-H17-M24G/265L	M24	4.0	8.0	4.0	8.0	5.6	4.0	4.0	8.4	6.0	4.0
8-H17-M30G/340L	M30	5.0	10.0	5.0	10.0	7.0	5.0	5.0	10.5	7.5	5.0
8-H17-M36G/360L	M36	8.0	16.0	8.0	16.0	11.2	8.0	8.0	16.8	12.0	8.0
8-H17-M42G/385L	M42	15.0	30.0	15.0	30.0	21.0	15.0	15.0	31.5	22.5	15.0
8-H17-M48G/385L	M48	20.0	40.0	20.0	40.0	28.0	20.0	20.0	42.0	30.0	20.0