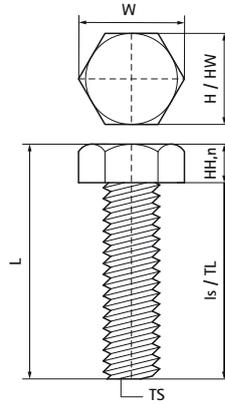


## Walraven Hexagon Head Bolt (BUP1000)

(K4519)



### Features & benefits

- according to DIN 933
- material: steel, strength class 8.8
- product is part of the Walraven UltraProtect® 1000 system
- suitable for in- and outdoor applications
- stands min. 1,000 hours salt spray test (max. 5% red rust) according to ISO 9227

Product Number	VVS Number	Thread Size	Screw Length	Thread Length	Head Shape	Nominal Head Height	Head Width	Key Driver Size	Total Height	Total Width	Total Length
<i>Reference letter</i>		<i>TS</i>	<i>Is</i>	<i>TL</i>		<i>HH,n</i>	<i>HW</i>	<i>Drive</i>	<i>H</i>	<i>W</i>	<i>L</i>
<i>Unit description</i>			<i>mm</i>	<i>mm</i>		<i>mm</i>	<i>mm</i>		<i>mm</i>	<i>mm</i>	<i>mm</i>
61480825	018049488	M8	25	21.25	Hexagon Head	5.3	13	WAF13	13	15	30
61480830	018049528	M8	30	26.25	Hexagon Head	5.3	13	WAF13	13	15	35
61480860	018049538	M8	60	56.25	Hexagon Head	5.3	13	WAF13	13	15	65
61480880	018049548	M8	80	76.25	Hexagon Head	5.3	13	WAF13	13	15	85
61481016	018049500	M10	16	11.5	Hexagon Head	6.4	17	WAF17	17	20	22
61481025	018049525	M10	25	20.5	Hexagon Head	6.4	17	WAF17	17	20	31
61481030	018049530	M10	30	25.5	Hexagon Head	6.4	17	WAF17	17	20	36
61481060	018049540	M10	60	55.5	Hexagon Head	6.4	17	WAF17	17	20	66
61481080	018049550	M10	80	75.5	Hexagon Head	6.4	17	WAF17	17	20	86
61481225		M12	25	19.75	Hexagon Head	7.5	19	WAF19	19	22	33
61481230	018049532	M12	30	24.75	Hexagon Head	7.5	19	WAF19	19	22	38
61481260	018049542	M12	60	54.75	Hexagon Head	7.5	19	WAF19	19	22	68
61481280	018049552	M12	80	74.75	Hexagon Head	7.5	19	WAF19	19	22	88