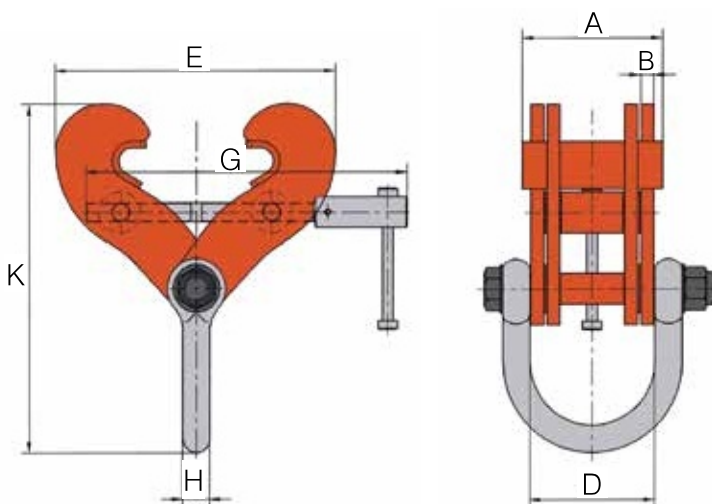


WH-BC Fixed Jaw Super Clamp

Specifications and Dimensions

The WH-BC fixed jaw super clamp is fitted with a 'gussett' in both jaws of the beam clamp maximising contact between the beam and beam clamp thereby increasing the grip of the beam clamp. A shackle is fitted to the bottom of the beam clamp allowing an easy connection of the hoist to be attached.

This fixed jaw super clamp can be used to an angle of 45° to the vertical. When the angle is moved away from the vertical the working load limit of the beam clamp needs to be reduced. Please refer to the table opposite on page 67 for the reduction in working load limits when side loads are applied.



Part Code	Model No.	WLL tonnes	Beam Range mm	Max. Beam Thickness mm	A mm	B mm	D mm	E max	E min	G mm	K max	K min	H mm	Mass Kg
027.200	WH-BC2	2.0	76 - 190	14	130	3	90	254	133	275	263	223	20	4.0
027.320	WH-BC3	3.2	76 - 190	16	130	12	102	275	166	275	289	251	20	8.0
027.320.E	WH-BC3W	3.2	127 - 350	16	130	12	102	438	228	560	375	294	20	11.5
027.400	WH-BC4	4.0	150 - 254	12	130	10	112	371	185	410	369	308	25	11.0
027.500	WH-BC5	5.0	76 - 190	12	130	12	116	306	191	295	338	300	25	10.0
027.500.E	WH-BC5W	5.0	150 - 305	12	130	12	116	422	264	410	413	360	25	15.0
027.600	WH-BC6	6.0	203 - 457	24	140	12	116	608	267	560	511	402	25	18.8
027/1000	WH-BC10	10.0	203 - 457	24	140	20	118	608	267	560	530	421	32	28.0
027/1500	WH-BC15	15.0	203 - 457	54	170	20	116.5	648	400	660	684	608	40	49.5
027/1500.E	WH-BC15W	15.0	406 - 610	54	170	20	116.5	800	600	810	812	706	40	58.5

WH-BC Fixed Jaw Super Clamp

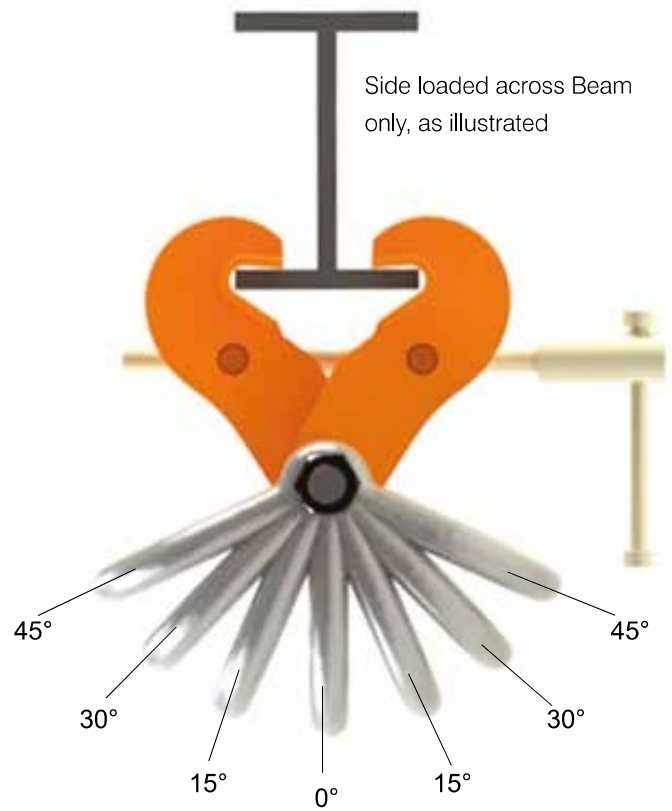
The working load limits below and derations have been established specifically for William Hackett clamps and only apply in overhead beam attachment i.e: DO NOT apply if clamps are to be used for lifting beams.

The tables apply to our clamps only (selected models) and we strongly advise that stress calculations should be carried out (by the user's engineering department) for all support steelwork.

WARNING: All clamps must be correctly applied to the beam by a competent person and fully hand tightened. If in doubt, contact the manufacturer for their recommendations.

NOTE: Clamp model WH-BC2 (027.200) is not suitable for any side loading as it is of lightweight design.

Although William Hackett is confident that our beam clamps could operate at 90 degrees without any reduction in efficiency, William Hackett do not recommend this type of use in application, as there will be a significant overturning moment generated on the beam flange and this could result in the actual supporting structure failing or being permanently deformed and or damaged. If clamps are used in any other way than that indicated above William Hackett will not accept any liability and would strongly recommend that this unsafe practice is not adopted.



Reduction in Working Load Limits when Side Loads are Applied

Angle From Vertical	0°	0° to 15°	15° to 30°	30° to 45°
Reduction Factor	Nil	17%	34%	50%
Models	WLL	WLL	WLL	WLL
027.200	2 tonne	N/A	N/A	N/A
027.320, 027.320.E	3.2 tonne / 3.2 tonne	2.7 tonne	3.2 tonne	1.6 tonne
027.400	4 tonne	3.3 tonne	2.6 tonne	2 tonne
027.500, 027.500.E	5 tonne	4.1 tonne	3.3 tonne	2.5 tonne
027.600	6 tonne	5 tonne	4 tonne	3 tonne
027/1000	10 tonne	8.3 tonne	6.5 tonne	5 tonne
027/1500, 027/1500.E	15 tonne	12.4 tonne	10 tonne	7.5 tonne

WH-UBC Universal Beam Clamp

Specifications and Dimensions

The William Hackett WH-UBC Universal Beam Clamp has been designed not only for vertical use, but also for side load applications, where conventional clamps are not suitable.

The Universal Beam Clamp is suitable for pulling and lifting at angles across the beam or as a semi-permanent anchor point.

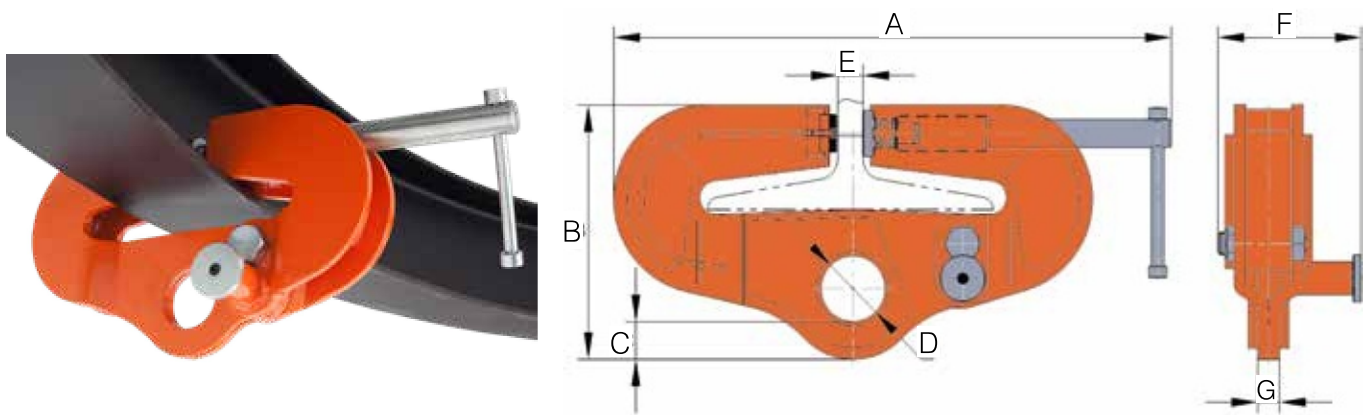
It can be **loaded at any angle** and eliminates the use of spreader beams in various lifting operations.

Fitted with an adjustable locking mechanism, ensuring secure clamping to the beam.

Built-in suspension point for low headroom design.

Ergonomic design allowing for quick clamping and unclamping.

W.L.L. capacities available at 3.2 tonnes, 5.0 tonnes and 10.0 tonnes and designed to accommodate a range of beam widths.



Part Code	WLL tonnes	A mm	B mm	C mm	D mm	E mm	F mm	G mm	Max Beam Thickness mm	Flange Beam Width mm	Mass Kg
028.320	3.2	550	237	30	Ø60	32	133	20	25.4	125 - 204	14.4
028.500	5.0	615	275	40	Ø75	32	157	44	25.4	125 - 305	26.2
028.1000	10.0	615	275	40	Ø75	32	225	44	25.4	125 - 305	38.5