

# DO MORE.

### **CONTENTS**





#### CERTIFICATION

KNAPP Lifting Beams are designed with a factor of safety of 2.2 times the Working Load Limit (WLL) of the lifting beam.

All KNAPP Lifting Beams are certified in accordance with AS4991-2004 Lifting Devices.

When using KNAPP Lifting Beams it is essential the lifting devices, including chains and strops, are used in accordance with Code of Practice Lifting Devices December 2012 incorporating AS4991-2004 Lifting Devices.



Phone: 021 781 205 Email: sales@knapp.co.nz Website: www.knapp.co.nz



### SINGLE PIECE CENTRAL LIFTING LUG



KNAPP Single Piece Spreader Beams with Central Lifting Lugs have the following specifications:

- Length of Spreader Beams range from 1 metre up to 7 metres (see "X" distance between lifting lugs)
- WLL (Weight Load Limit) options from 1T to 20T
- Suited to situations with limited height above the spreader beam (see "Y" height)
- Powdercoated Safety Yellow
- Certification
- Spreader beams with Central Lifting Lugs are heavier than spreader beams with End Lifting Lugs as they are manufactured from heavier stronger material

#### **CENTRAL LIFTING LUG SPREADER BEAM** (Ideal when there is limited space above

the spreader beam)

"Y" Height above spreader beam

## FORK HOIST SPREADER BEAMS

KNAPP Single Piece Fork Hoist Spreader Beams with Central Lifting Lugs have the following specifications:

- Length of Spreader Beams range from 1 metre up to 4 metres
- Also can be used as Single Piece Spreader Beam with Central Lifting Lug
- WLL (Weight Load Limit) to suit Fork Hoist
- 2x Fork Pockets to suit forks on Fork Hoist



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### SINGLE PIECE CENTRAL LIFTING LUGS



		"X" Length	WLL	Point Bow	Lifting Lug	Tare Weight
	Model	(mm)	(kgs)	Shackle	Bow Shackle	(kgs)
	SB1C-1000-1T	1000	1T	2T	2T	22
	SB1C-1000-2T	1000	2T	3.25T	2T	22
	SB1C-1000-4T	1000	4T	4.75T	3.25T	25
	SB1C-1000-5T	1000	5T	6.5T	4.75T	31
	SB1C-1000-6T	1000	6T	8.5T	Bow Shackle        2T        2T        3.25T        4.75T        4.75T        6.5T        6.5T        8.5T        9.5T        121        171        121        171        121        171        21        3.55T        4.75T        6.5T        7        21        21        3.25T        6.5T        6.5T        6.5T        7        3.25T        3.25T	40
metre	SB1C-1000-7T	1000	7T	8.5T	6.5T	40
Ĕ	SB1C-1000-8T	1000	8T	9.5T	6.5T	38
1	SB1C-1000-10T	1000	10T	12T	8.5T	42
	SB1C-1000-12T	1000	12T	17T	9.5T	59
	SB1C-1000-15T	1000	15T	17T	12T	74
	SB1C-1000-17T	1000	17T	25T	17T	89
	SB1C-1000-20T	1000	20T	25T	17T	89
	SB1C-2000-1T	2000	1T	3.25T	2T	39
	SB1C-2000-2T	2000	2T	3.25T	2T	45
	SB1C-2000-2.5T	2000	2.5T	3.25T	2T	45
es	SB1C-2000-4T	2000	4T	4.75T	3.25T	63
metres	SB1C-2000-6T	2000	6T	6.5T	4.75T	66
2 n	SB1C-2000-7T	2000	7T	8.5T	6.5T	66
	SB1C-2000-8T	2000	8T	8.5T	6.5T	99
	SB1C-2000-10T	2000	10T	12T	8.5T	133
	SB1C-2000-12T	2000	12T	17T	9.5T	134
	SB1C-3000-1T	3000	1T	3.25T	2T	66
	SB1C-3000-1.5T	3000	1.5T	3.25T	2T	66
	SB1C-3000-2T	3000	2T	3.25T	2T	92
es	SB1C-3000-3T	3000	3T	3.25T	3.25T	93
metres	SB1C-3000-4T	3000	4T	4.75T	3.25T	87
3 n	SB1C-3000-4.5T	3000	4.5T	4.75T		91
	SB1C-3000-5.5T	3000		6.5T		144
	SB1C-3000-6T	3000	6T	6.5T		192
	SB1C-3000-8T	3000		8.5T		192
	SB1C-4000-1T	4000		2T		81
s	SB1C-4000-2T	4000		3.25T		122
metres	SB1C-4000-3.5T	4000		4.75T		114
4 m	SB1C-4000-4T	4000		4.75T		179
4	SB1C-4000-6T	4000		8.5T		253
	SB1C-4000-6.5T	4000		8.5T		253
	SB1C-5000-1T	5000		2T		100
S	SB1C-5000-2T	5000		3.25T		151
metres	SB1C-5000-2.5T	5000	(kgs)        1T        2T        4T        5T        6T        7T        8T        10T        12T        15T        17T        20T        17T        8T        10T        12T        11T        1.5T        2T        3T        4T        4.5T        5.5T	3.25T		140
2 m	SB1C-5000-3T	5000		4.75T		223
3,	SB1C-5000-4T	5000		6.5T		313
	SB1C-5000-5.5T	5000		6.5T		313
	SB1C-6000-0.5T	6000		3.25T		127
SS	SB1C-6000-1.5T	6000		3.25T		181
6 metres	SB1C-6000-2T	6000		3.25T	4.75T        6.5T        8.5T        9.5T        2T        2T        3.25T        3.25T        4.75T        6.5T        2.25T        3.25T        3.25T        4.75T        6.5T        2T        3.25T        3.25T        3.25T        3.25T        3.25T        6.5T        2T        2T        3.25T        6.5T        2T	168
ш 9	SB1C-6000-2.5T	6000		3.25T		266
	SB1C-6000-4T	6000		6.5T		364
	SB1C-6000-4.5T	6000		6.5T		364
SS	SB1C-7000-1.5T	7000		3.25T		210
metres	SB1C-7000-2T	7000		3.25T		195
E L	SB1C-7000-2T	7000		3.25T	2T	309
	SB1C-7000-4T	7000	41	6.5T	4.75T	422

#### **ADDITIONAL LIFTING LUGS**

Additional Lifting Lugs can be added to Single Piece Spreader Beams with Central Lifting Lugs (*Price on Application*)

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Manufactured by South Waikato Precision Engineering 2017 Ltd, Tokoroa, New Zealand: ISO9001:2015

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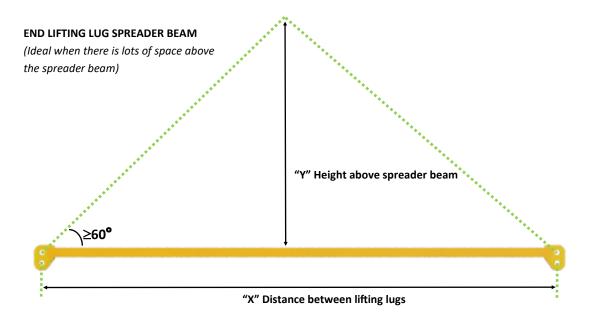


### SINGLE PIECE END LIFTING LUGS



KNAPP Single Piece Spreader Beams with End Lifting Lugs have the following specifications:

- Length of Spreader Beams range from 1 metre up to 7 metres (see "X" distance between lifting lugs)
- WLL (Weight Load Limit) options from 1T to 20T
- Suited to situations with sufficient height above the spreader beam (see "Y" height required for lifting chains or strops to be at 60 degrees when spreader beam is fully expanded)
- Powdercoated Safety Yellow
- Certification
- Spreader beams with End Lifting Lugs are lighter than spreader beams with Central Lifting Lugs
- Optional fork pockets for easy transportation of lifting beam. Fork pockets are for transportation only. The lifting beam is not designed to lift loads using the fork pockets





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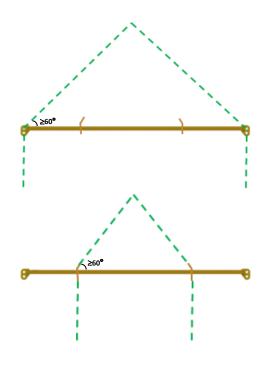


### SINGLE PIECE END LIFTING LUGS



### **ADDITIONAL LIFTING LUGS**

Additional Lifting Lugs can be added to Single Piece Spreader Beams with End Lifting Lugs. If additional Lifting Lugs are added they must be used to lift as shown below:



		"X" Length	WLL	Bow	"Y" Height	Weight	Stock Items
	Model	(mm)	(kgs)	Shackle	(mm)	(kgs)	***
	SB1-1000-1T	1000	1000	2T	866	12	
	SB1-1000-2T	1000	2000	2T	866	12	
0	SB1-1000-4T	1000	4000	3.25T	866	13	
a	SB1-1000-6T	1000	6000	4.75T	866	17	
metre	SB1-1000-8T	1000	8000	6.5T	866	17	
1	SB1-1000-10T	1000	10000	8.5T	866	20	
	SB1-1000-12T SB1-1000-15T	1000 1000	12000 15000	9.5T 12T	866 866	21 37	
	SB1-1000-131	1000	17000	121 12T	866	39	
	SB1-1000-20T	1000	20000	121 17T	866	39	
	SB1-2000-1T	2000	1000	2T	1732	18	
	SB1-2000-2T	2000	2000	2T	1732	18	
	SB1-2000-4T	2000	4000	3.25T	1732	24	
	SB1-2000-6T	2000	6000	4.75T	1732	27	*
metres	SB1-2000-8T	2000	8000	6.5T	1732	31	
me	SB1-2000-10T	2000	10000	8.5T	1732	33	
2	SB1-2000-12T	2000	12000	9.5T	1732	38	
	SB1-2000-15T	2000	15000	12T	1732	71	
	SB1-2000-17T	2000	17000	12T	1732	71	
	SB1-2000-20T	2000	20000	17T	1732	71	
	SB1-3000-1T	3000	1000	2T	2598	25	
	SB1-3000-2T	3000	2000	2T	2598	25	
	SB1-3000-4T	3000	4000	3.25T	2598	34	
s	SB1-3000-6T	3000 2000	6000 8000	4.75T	2598	43	Ť
metres	SB1-3000-8T SB1-3000-10T	3000 3000	8000 10000	6.5T 8.5T	2598 2598	51 53	
3 Т	SB1-3000-101 SB1-3000-12T	3000	12000	9.5T	2598	79	
	SB1-3000-121	3000	12000	12T	2598	95	
	SB1-3000-17T	3000	17000	12T	2598	95	
	SB1-3000-20T	3000	20000	17T	2598	115	
	SB1-4000-1T	4000	1000	4.75T	3464	55	
	SB1-4000-2T	4000	2000	4.75T	3464	55	
	SB1-4000-4T	4000	4000	6.5T	3464	65	
	SB1-4000-6T	4000	6000	6.5T	3464	65	*
tres	SB1-4000-8T	4000	8000	8.5T	3464	103	
metr	SB1-4000-10T	4000	10000	8.5T	3464	103	
4	SB1-4000-12T	4000	12000	9.5T	3464	131	
	SB1-4000-15T	4000	15000	12T	3464	146	
	SB1-4000-17T	4000	17000	12T	3464	146	
	SB1-4000-20T	4000	20000	17T	3464	174	
	SB1-5000-1T	5000	1000	4.75T	4330	67	
	SB1-5000-2T SB1-5000-4T	5000 5000	2000 4000	4.75T	4330 4330	67 80	
	SB1-5000-41 SB1-5000-6T	5000	6000	6.5T 8.5T	4330	126	
S	SB1-5000-8T	5000	8000	8.5T	4330	120	
metres	SB1-5000-10T	5000	10000	9.5T	4330	161	
5 1	SB1-5000-101	5000	12000	9.5T	4330	161	
	SB1-5000-15T	5000	15000	12T	4330	212	
	SB1-5000-17T	5000	17000	12T	4330	212	
	CD1 E000 20T	5000	20000	17T		211	
	SB1-5000-20T	5000	20000		4330	211	
	SB1-5000-201 SB1-6000-1T	6000	1000	8.5T	4330 5196	150	
	SB1-6000-1T SB1-6000-2T SB1-6000-4T	6000	1000 2000 4000	8.5T 8.5T 8.5T	5196 5196 5196	150 150 150	
S	SB1-6000-1T SB1-6000-2T SB1-6000-4T SB1-6000-6T	6000 6000 6000 6000	1000 2000 4000 6000	8.5T 8.5T 8.5T 9.5T	5196 5196 5196 5196	150 150 150 192	
etres	SB1-6000-1T SB1-6000-2T SB1-6000-4T SB1-6000-6T SB1-6000-8T	6000 6000 6000 6000 6000	1000 2000 4000 6000 8000	8.5T 8.5T 9.5T 9.5T	5196 5196 5196 5196 5196	150 150 150 192 192	
6 metres	SB1-6000-1T SB1-6000-2T SB1-6000-4T SB1-6000-6T SB1-6000-8T SB1-6000-10T	6000 6000 6000 6000 6000 6000	1000 2000 4000 6000 8000 10000	8.5T 8.5T 9.5T 9.5T 12T	5196 5196 5196 5196 5196 5196	150 150 192 192 249	
6 metres	SB1-6000-1T SB1-6000-2T SB1-6000-4T SB1-6000-6T SB1-6000-8T SB1-6000-10T SB1-6000-12T	6000 6000 6000 6000 6000 6000 6000	1000 2000 4000 6000 8000 10000 12000	8.5T 8.5T 9.5T 9.5T 12T 12T	5196 5196 5196 5196 5196 5196 5196	150 150 192 192 249 249	
6 metres	SB1-6000-1T SB1-6000-2T SB1-6000-4T SB1-6000-6T SB1-6000-8T SB1-6000-10T SB1-6000-12T SB1-6000-15T	6000 6000 6000 6000 6000 6000 6000 600	1000 2000 4000 6000 8000 10000 12000 15000	8.5T 8.5T 9.5T 9.5T 12T 12T 12T	5196 5196 5196 5196 5196 5196 5196 5196	150 150 192 192 249 249 249	
6 metres	SB1-6000-1T SB1-6000-2T SB1-6000-4T SB1-6000-6T SB1-6000-8T SB1-6000-10T SB1-6000-12T SB1-6000-15T SB1-6000-17T	6000 6000 6000 6000 6000 6000 6000 600	1000 2000 4000 8000 10000 12000 15000 17000	8.5T 8.5T 9.5T 9.5T 12T 12T 12T 12T 12T	5196 5196 5196 5196 5196 5196 5196 5196	150 150 192 192 249 249 249 332	
6 metres	SB1-6000-1T SB1-6000-2T SB1-6000-4T SB1-6000-6T SB1-6000-8T SB1-6000-10T SB1-6000-12T SB1-6000-15T SB1-6000-17T SB1-6000-20T	6000 6000 6000 6000 6000 6000 6000 600	1000 2000 4000 8000 10000 12000 15000 17000 20000	8.5T 8.5T 9.5T 9.5T 12T 12T 12T 12T 17T 17T	5196 5196 5196 5196 5196 5196 5196 5196	150 150 192 192 249 249 249 332 332	
6 metres	SB1-6000-1T SB1-6000-2T SB1-6000-4T SB1-6000-6T SB1-6000-8T SB1-6000-10T SB1-6000-12T SB1-6000-15T SB1-6000-17T	6000 6000 6000 6000 6000 6000 6000 600	1000 2000 4000 8000 10000 12000 15000 17000	8.5T 8.5T 9.5T 9.5T 12T 12T 12T 12T 12T	5196 5196 5196 5196 5196 5196 5196 5196	150 150 192 192 249 249 249 332	
6 metres	SB1-6000-1T SB1-6000-2T SB1-6000-4T SB1-6000-8T SB1-6000-10T SB1-6000-10T SB1-6000-12T SB1-6000-17T SB1-6000-20T SB1-7000-1T	6000 6000 6000 6000 6000 6000 6000 600	1000 2000 4000 8000 10000 12000 15000 17000 20000 1000	8.5T 8.5T 9.5T 9.5T 12T 12T 12T 12T 17T 17T 8.5T	5196 5196 5196 5196 5196 5196 5196 5196	150 150 192 192 249 249 249 332 332 173	
9	SB1-6000-1T SB1-6000-2T SB1-6000-4T SB1-6000-6T SB1-6000-8T SB1-6000-10T SB1-6000-12T SB1-6000-17T SB1-6000-20T SB1-7000-1T SB1-7000-2T	6000 6000 6000 6000 6000 6000 6000 600	1000 2000 4000 8000 10000 12000 15000 17000 20000 1000 2000	8.5T 8.5T 9.5T 9.5T 12T 12T 12T 12T 12T 17T 8.5T 8.5T	5196 5196 5196 5196 5196 5196 5196 5196	150 150 192 192 249 249 249 332 332 173 173	
9	SB1-6000-1T SB1-6000-2T SB1-6000-4T SB1-6000-6T SB1-6000-10T SB1-6000-10T SB1-6000-12T SB1-6000-17T SB1-6000-20T SB1-7000-1T SB1-7000-2T SB1-7000-4T	6000 6000 6000 6000 6000 6000 6000 600	1000 2000 4000 8000 10000 12000 15000 17000 20000 1000 2000 4000	8.5T 8.5T 9.5T 9.5T 12T 12T 12T 17T 17T 8.5T 8.5T 9.5T	5196 5196 5196 5196 5196 5196 5196 5196	150 150 192 192 249 249 249 332 332 173 173 222	
metres 6 metres	SB1-6000-1T SB1-6000-2T SB1-6000-4T SB1-6000-6T SB1-6000-10T SB1-6000-10T SB1-6000-12T SB1-6000-15T SB1-6000-20T SB1-7000-1T SB1-7000-2T SB1-7000-4T SB1-7000-6T	6000 6000 6000 6000 6000 6000 6000 600	1000 2000 4000 8000 10000 12000 15000 15000 20000 1000 20000 4000 6000	8.5T 8.5T 9.5T 9.5T 12T 12T 12T 12T 17T 17T 8.5T 8.5T 9.5T	5196 5196 5196 5196 5196 5196 5196 5196	150 150 192 192 249 249 332 332 173 173 222 222	
9	SB1-6000-1T SB1-6000-2T SB1-6000-4T SB1-6000-6T SB1-6000-10T SB1-6000-10T SB1-6000-12T SB1-6000-17T SB1-6000-17T SB1-7000-1T SB1-7000-2T SB1-7000-4T SB1-7000-6T SB1-7000-8T	6000 6000 6000 6000 6000 6000 6000 600	1000 2000 4000 6000 8000 12000 12000 15000 17000 20000 1000 20000 4000 6000 8000	8.5T 8.5T 9.5T 9.5T 12T 12T 12T 17T 17T 8.5T 8.5T 9.5T 9.5T 12T	5196 5196 5196 5196 5196 5196 5196 5196	150 150 192 249 249 332 332 173 173 222 222 287	
9	SB1-6000-1T SB1-6000-2T SB1-6000-4T SB1-6000-8T SB1-6000-10T SB1-6000-10T SB1-6000-10T SB1-6000-17T SB1-6000-17T SB1-7000-1T SB1-7000-4T SB1-7000-6T SB1-7000-8T SB1-7000-10T	6000 6000 6000 6000 6000 6000 6000 600	1000 2000 4000 8000 10000 12000 15000 17000 20000 1000 2000 4000 6000 8000	8.5T 8.5T 9.5T 9.5T 12T 12T 12T 12T 17T 8.5T 8.5T 9.5T 9.5T 12T 12T	5196 5196 5196 5196 5196 5196 5196 5196	150 150 192 192 249 249 332 332 173 173 222 222 287 287	
9	SB1-6000-1T SB1-6000-2T SB1-6000-6T SB1-6000-8T SB1-6000-10T SB1-6000-12T SB1-6000-12T SB1-6000-17T SB1-6000-20T SB1-7000-1T SB1-7000-4T SB1-7000-6T SB1-7000-8T SB1-7000-12T	6000        6000        6000        6000        6000        6000        6000        6000        6000        6000        6000        6000        6000        6000        6000        6000        7000        7000        7000        7000        7000        7000        7000        7000        7000        7000	1000 2000 4000 8000 12000 12000 15000 17000 20000 2000 4000 6000 8000 10000 12000	8.5T 8.5T 9.5T 9.5T 12T 12T 12T 12T 12T 12T 12T 12T 12T 12	5196        5196        5196        5196        5196        5196        5196        5196        5196        6062        6062        6062        6062        6062        6062        6062        6062        6062        6062        6062        6062        6062        6062	150 150 192 249 249 332 332 173 173 173 222 222 287 287 287	

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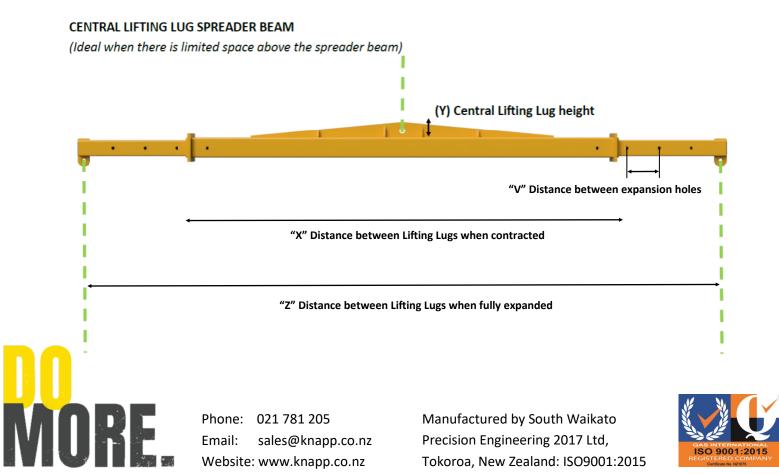


### DOUBLE TELESCOPIC CENTRAL LIFTING LUG



KNAPP Double Telescopic Spreader Beams with Central Lifting Lugs have the following specifications:

- Range of KNAPP Double Telescopic Spreader Beams with Central Lifting Lugs expanding up to 7 metres ::
  - -1100mm expanding to 1500mm
  - -1400mm expanding to 2000mm
  - -1800mm expanding to 3000mm
  - -2400mm expanding to 4000mm
  - -3000mm expanding to 5000mm
  - -3500mm expanding to 6000mm
  - -4000mm expanding to 7000mm
- WLL (Weight Load Limit) options from 1T to 20T
- Internal telescopic sections expand to enable the spreader beam to lift different objects at different widths "X" is the length of the spreader beam when it is contracted
  "Z" is the length of the spreader beam when it is fully expanded
  "V" is the distance between the expansion holes in the internal telescopic sections
- Suited to situations with limited height above the spreader beam (see "Y" height)
- Powdercoated Safety Yellow
- Certification
- Double Telescopic Spreader beams with Central Lifting Lugs are much heavier than spreader beams with End Lifting Lugs
- Optional fork pockets for easy transportation of lifting beam. Fork pockets are for transportation only. The lifting beam is not designed to lift loads using the fork pockets



### DOUBLE TELESCOPIC END LIFTING LUGS

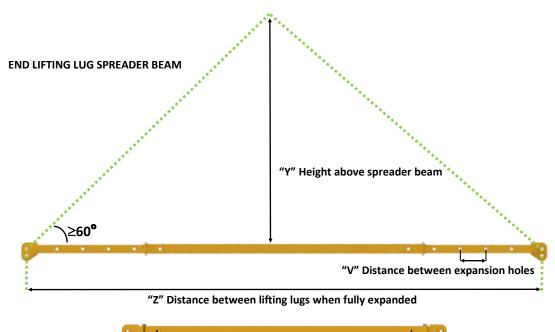


KNAPP Double Telescopic Spreader Beams with End Lifting Lugs have the following specifications:

- Range of KNAPP Double Telescopic Spreader Beams with End Lifting Lugs expanding up to 7 metres:
  - -1100mm expanding to 1500mm
  - -1400mm expanding to 2000mm
  - -1800mm expanding to 3000mm
  - -2400mm expanding to 4000mm
  - -3000mm expanding to 5000mm
  - -3500mm expanding to 6000mm
  - -4000mm expanding to 7000mm
- WLL (Weight Load Limit) options from 1T to 20T
- Internal telescopic sections expand to enable the spreader beam to lift different objects at different widths "X" is the length of the spreader beam when it is contracted
  "Z" is the length of the spreader beam when it is fully expanded
  "V" is the distance between the expansion holes in the internal telescopic sections
- Suited to situations with sufficient height above the spreader beam (see "Y" height required for lifting chains or strops to be at 60 degrees when spreader beam is fully expanded)
- Powdercoated Safety Yellow
- Certification

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- Spreader beams with End Lifting Lugs are lighter than spreader beams with Central Lifting Lugs
- Optional fork pockets for easy transportation of lifting beam. Fork pockets are for transportation only. The lifting beam is not designed to lift loads using the fork pockets





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### DOUBLE TELESCOPIC END LIFTING LUGS



				11711 E.u. 1	No. For				<b>T</b> erre 144 1 1 1	Charle 1
	Model	WLL (kgs)	"X" Contracted Length (mm)	"Z" Expanded Length (mm)	No. Extension Holes	"V" Distance btw Extension Holes (mm)	"Y" Height (mm)	Bow Shackle	Tare Weight (kgs)	Stock Items
	SB312-1500-1T	1000	1100	1500	1	200	866	2T	(Kgs) 22	
Ē	SB312-1500-11	2000	1100	1500	1	200	866	2T	22	
1500mm	SB312-1500-4T	4000	1100	1500	1	200	866	3.25T	22	
15(	SB312-1500-6T	6000	1100	1500	1	200	866	4.75T	26	
8	SB312-1500-8T	8000	1100	1500	1	200	866	6.5T	26	
expand	SB312-1500-10T	10000	1100	1500	1	200	866	8.5T	28	
exp	SB312-1500-12T	12000	1100	1500	1	200	866	9.5T	28	
E	SB312-1500-15T	15000	1100	1500	1	200	866	12T	43	
1100mm	SB312-1500-17T	17000	1100	1500	- 1	200	866	12T	43	
1	SB312-1500-20T	20000	1100	1500	1	200	866	17T	42	
	SB312-2000-1T	1000	1400	2000	2	150	1732	2T	27	
Ę	SB312-2000-2T	2000	1400	2000	2	150	1732	2T	27	
2000mm	SB312-2000-4T	4000	1400	2000	2	150	1732	3.25T	27	
20	SB312-2000-6T	6000	1400	2000	2	150	1732	4.75T	31	
d to	SB312-2000-8T	8000	1400	2000	2	150	1732	6.5T	31	
expand	SB312-2000-10T	10000	1400	2000	2	150	1732	8.5T	33	
exp	SB312-2000-12T	12000	1400	2000	2	150	1732	9.5T	32	
Ē	SB312-2000-15T	15000	1400	2000	2	150	1732	12T	57	
1400mm	SB312-2000-17T	17000	1400	2000	2	150	1732	12T	57	
14	SB312-2000-20T	20000	1400	2000	2	150	1732	17T	56	
	SB312-3000-1T	1000	1800	3000	3	200	2598	2T	34	
Ē	SB312-3000-2T	2000	1800	3000	3	200	2598	2T	34	
3000mm	SB312-3000-4T	4000	1800	3000	3	200	2598	3.25T	34	
	SB312-3000-6T	6000	1800	3000	3	200	2598	4.75T	37	
d to	SB312-3000-8T	8000	1800	3000	3	200	2598	6.5T	37	
expand	SB312-3000-10T	10000	1800	3000	3	200	2598	8.5T	39	
	SB312-3000-12T	12000	1800	3000	3	200	2598	9.5T	51	
800mm	SB312-3000-15T	15000	1800	3000	3	200	2598	12T	66	
l õ	SB312-3000-17T	17000	1800	3000	3	200	2598	12T	66	
۳	SB312-3000-20T	20000	1800	3000	3	200	2598	17T	69	
	SB312-4000-1T	1000	2400	4000	4	200	3464	2T	44	
Ē	SB312-4000-2T	2000	2400	4000	4	200	3464	2T	44	*
4000mm	SB312-4000-4T	4000	2400	4000	4	200	3464	4.75T	47	
	SB312-4000-6T	6000	2400	4000	4	200	3464	4.75T	47	*
d to	SB312-4000-8T	8000	2400	4000	4	200	3464	6.5T	63	
expand	SB312-4000-10T	10000	2400	4000	4	200	3464	8.5T	65	*
	SB312-4000-12T	12000	2400	4000	4	200	3464	9.5T	69	
2400mm	SB312-4000-15T	15000	2400	4000	4	200	3464	12T	84	
6	SB312-4000-17T	17000	2400	4000	4	200	3464	12T	84	
ñ	SB312-4000-20T	20000	2400	4000	4	200	3464	17T	121	
	SB312-5000-1T	1000	3000	5000	5	200	4330	2T	55	
E	SB312-5000-2T	2000	3000	5000	5	200	4330	3.25T	54	
5000mm	SB312-5000-4T	4000	3000	5000	5	200	4330	3.25T	54	*
to 50	SB312-5000-6T	6000	3000	5000	5	200	4330	6.5T	79	
	SB312-5000-8T	8000	3000	5000	5	200	4330	8.5T	87	
expand	SB312-5000-10T	10000	3000	5000	5	200	4330	8.5T	87	
<u> </u>	SB312-5000-12T	12000	3000	5000	5	200	4330	9.5T	87	
Ĩ	SB312-5000-15T	15000	3000	5000	5	200	4330	12T	159	
3000mm	SB312-5000-17T	17000	3000	5000	5	200	4330	12T	159	
m	SB312-5000-20T	20000	3000	5000	5	200	4330	17T	159	
<b>_</b>	SB312-6000-1T	1000	3500	6000	5	250	5196	3.25T	62	
6000mm	SB312-6000-2T	2000	3500	6000	5	250	5196	3.25T	62	
8	SB312-6000-4T	4000	3500	6000	5	250	5196	3.25T	88	
to 6(	SB312-6000-6T	6000	3500	6000	5	250	5196	4.75T	98	
	SB312-6000-8T	8000	3500	6000	5	250	5196	6.5T	98	
expand	SB312-6000-10T	10000	3500	6000	5	250	5196	8.5T	163	
	SB312-6000-12T	12000	3500	6000	5	250	5196	9.5T	163	
3500mm	SB312-6000-15T	15000	3500	6000	5	250	5196	12T	178	
350	SB312-6000-17T	17000	3500	6000	5	250	5196	12T	225	
Ľ	SB312-6000-20T	20000	3500	6000	5	250	5196	17T	223	
2	SB312-7000-1T	1000	4000	7000	5	300	6062	2T	70	
l m	SB312-7000-2T	2000	4000	7000	5	300	6062	2T	70	
to 7000mm	SB312-7000-4T	4000	4000	7000	5	300	6062	3.25T	100	
1 1	SB312-7000-6T	6000	4000	7000	5	300	6062	4.75T	111	
	CD212 7000 0T	8000	4000	7000	5	300	6062	6.5T	184	
	SB312-7000-8T			7000	5	300	6062	8.5T	186	
	SB312-7000-10T	10000	4000	7000						
expand	SB312-7000-10T SB312-7000-12T	12000	4000	7000	5	300	6062	9.5T	239	
expand	SB312-7000-10T SB312-7000-12T SB312-7000-15T	12000 15000	4000 4000	7000 7000	5 5	300 300	6062 6062	12T	254	
	SB312-7000-10T SB312-7000-12T	12000	4000	7000	5	300	6062			

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### TRIPLE TELESCOPIC END LIFTING LUGS



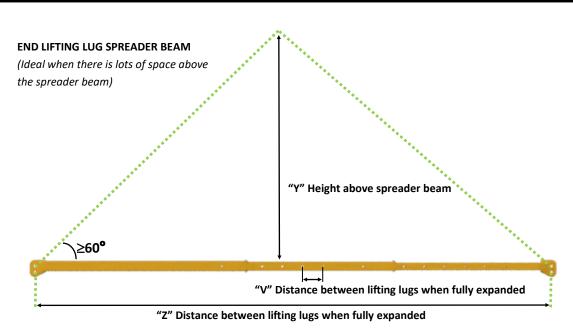
KNAPP Triple Telescopic Spreader Beams with End Lifting Lugs have the following specifications:

- Expands from 2360mm when contracted to 5160mm when fully expanded
- WLL (Weight Load Limit) options from 1T to 15T
- Internal telescopic sections expand to enable the spreader beam to lift different objects at different widths "X" is the length of the spreader beam when it is contracted
  "Z" is the length of the spreader beam when it is fully expanded
  "V" is the distance between the expansion holes in the internal telescopic sections
- Suited to situations with sufficient height above the spreader beam (see "Y" height required for lifting chains or strops to be at 60 degrees when spreader beam is fully expanded)
- Powdercoated Safety Yellow
- Certification

MOR

Optional fork pockets for easy transportation of lifting beam. Fork pockets are for transportation only. The lifting beam is not designed to lift loads using the fork pockets

Model	WLL (kgs)	"X" Contracted Length (mm)	"Z" Expanded Length (mm)	No. Extension Holes	"V" Distance btw Extension Holes (mm)	"Y" Height (mm)	Bow Shackle	Tare Weight (kgs)	Stock Items "*"
SB3-5000-1T	1000	2300	5160	14	200	4330	3.25T	62	
SB3-5000-5T	5000	2300	5160	14	200	4330	6.5T	86	*
SB3-5000-10T	10000	2300	5160	14	200	4330	9.5T	99	
SB3-5000-15T	15000	2300	5160	14	200	4330	12T	173	



"X" Distance between lifting lugs when contracted

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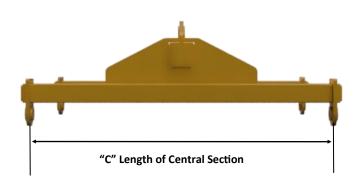


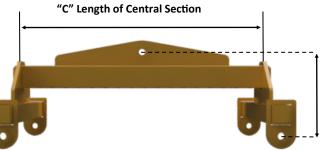
### **"H" SPREADER BEAMS**



KNAPP "H" Spreader Beams have the following specifications:

- Ideal for lifting drums or other round or square items
- WLL (Weight Load Limit) options from 1T to 20T
- Central Section with 2x Legs
  "C" is the length of the Central Section
  "L" is the length of the Legs
- Suited to situations with limited height above the spreader beam (see "Y")
- Powdercoated Safety Yellow
- Certification
- Custom designed





"Y" Height between top central lifting point to lifting point in lifting lugs on legs

#### **ADDITIONAL LIFTING LUGS**

Additional Lifting Lugs can be added to the Legs (Price on Application)





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### ROOFING IRON Spreader Beams



KNAPP Roofing Spreader Beams have the following specifications:

- WLL (Weight Load Limit) up to 1.5T
- Single Piece Roofing Spreader Beams up to 7000mm long
- Double Telescopic Roofing Spreader Beams
  -5,000mm when contracted expanding to 9,000mm when fully extended
  -9,000mm when contracted expanding to 15,000mm when fully extended
  -12,000mm when contracted expanding to 20,000mm when fully extended
- Cross Members to lift roofing iron with following options:
  -solid stops (see bottom right)
  -rated clips (see top right)
- Powdercoated Safety Yellow
- Certification

#### ADDITIONAL CROSS MEMBER LIFTING LUGS

Additional Cross Member Lifting Lugs can be added to the Single Piece Roofing Spreader Beam (Price on Application)



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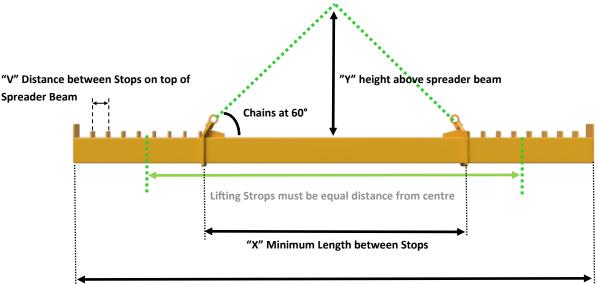


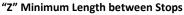
### TOP SLOT SINGLE PIECE Spreader Beams



KNAPP Top Slot Single Piece Spreader Beams have the following specifications:

- Stops on top of the Spreader Beam to lift different length loads
  "X" is the minimum lifting length between stops
  "Y" is the maximum lifting length between stops
- WLL (Weight Load Limit) options from 1T to 20T
- Suited to situations with height above the spreader beam (see "Y" height required for lifting chains or strops to be at 60 degrees)
- Lifting strops must be place at equal distance from the centre of the spreader beam
- Powdercoated Safety Yellow
- Certification
- Custom designed







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