



TECHNICAL RANGE / REFERENCE EDITION

Grade 100

Chain & Components

12 product families. 90 size variants.

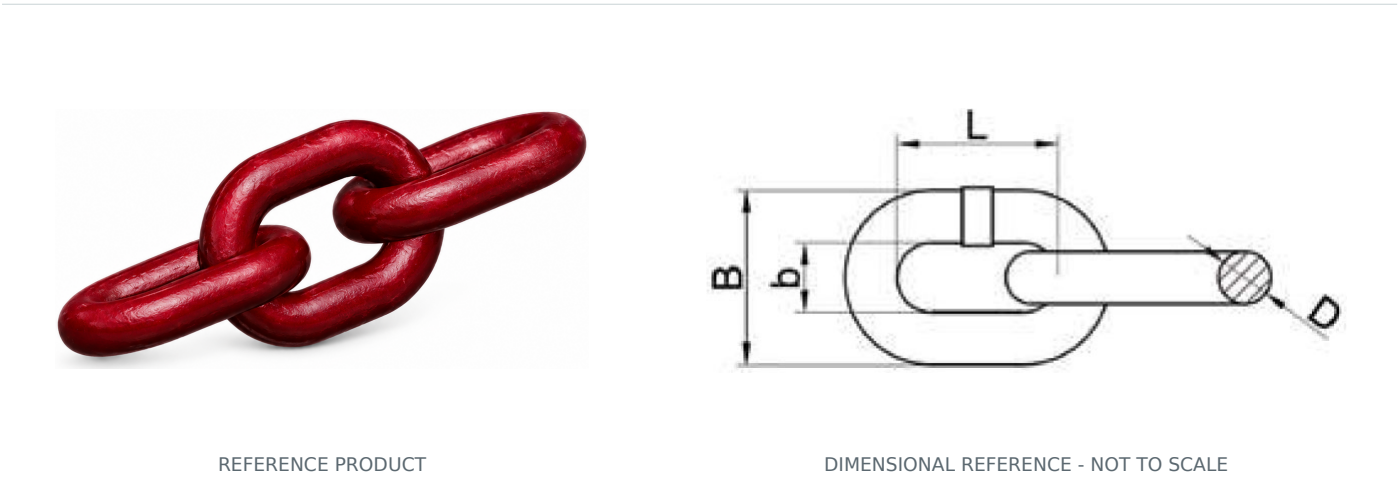
Safespear item codes, technical tables and dimensional references.

01 Alloy Lifting Chain	7 sizes / p02
02 Master Link	9 sizes / p03
03 Master Link Multi	9 sizes / p04
04 Oversized Master Link Multi	4 sizes / p05
05 Connecting Link	9 sizes / p06
06 Eye Grab Hook	9 sizes / p07
07 Clevis Grab Hook	9 sizes / p08
08 Clevis Shortening Clutch With Safety Pin	5 sizes / p09
09 Clevis Grab Hook with Safety Pin	4 sizes / p10
10 Clevis Self Locking Hook	9 sizes / p11
11 Eye Swivel Self Locking Hook (Ball Bearing)	7 sizes / p12
12 Clevis Sling Safety Hook	9 sizes / p13

TECHNICAL DATA SHEET

Grade 100 Alloy Lifting Chain

Alloy lifting chain for assembling Grade 100 chain slings. Select chain and compatible fittings by size, capacity and lifting arrangement.



PRODUCT CLASS	REFERENCE SAFETY FACTOR	SOURCE STANDARD
Grade 100	4:1	AS 2321

CAPACITY & DIMENSIONS

Safespear item code	Size (mm)	WLL (t)	Pitch (L) (mm)	External width (B) (mm)	Internal width (b) (mm)	Wt. (kg/m)
SS-G100-CHAIN-06	6	1.4	18.0	21.0	9.0	0.859
SS-G100-CHAIN-08	8	2.5	24.0	27.5	11.5	1.491
SS-G100-CHAIN-10	10	4.0	30.0	34.5	14.5	2.309
SS-G100-CHAIN-13	13	6.7	39.0	45.0	19.0	3.871
SS-G100-CHAIN-16	16	10.0	48.0	55.5	23.5	5.717
SS-G100-CHAIN-20	20	16.0	60.0	68.0	28.0	8.822
SS-G100-CHAIN-22	22	19.0	66.0	73.5	29.5	10.391

Dimensions in mm; WLL in tonnes. Product image and drawing are reference illustrations.
Representative red finish. Confirm supplied finish, certification and assembly rating.
Source-based specification; confirm the supplied product before selection. See reference register.

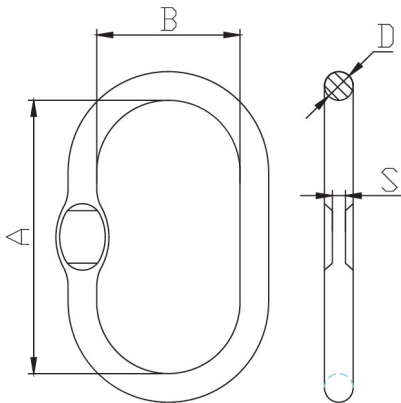
TECHNICAL DATA SHEET

Grade 100 Master Link

Oblong master links for connecting lifting assemblies to a crane hook. The table lists the referenced single-leg and two-leg chain sizes.



REFERENCE PRODUCT



DIMENSIONAL REFERENCE - NOT TO SCALE

PRODUCT CLASS	REFERENCE SAFETY FACTOR	SOURCE STANDARD
Grade 100	4:1	AS 3776

CAPACITY & DIMENSIONS

Safespear item code	Chain 1 leg (mm)	Chain 2 leg (mm)	WLL (t)	A (mm)	B (mm)	D (mm)	S (mm)	Wt. (kg)
SS-G100-ML-0806	8	6	2.5	120	70	13	7	0.4
SS-G100-ML-1008	10	8	4.3*	140	80	17	8	0.7
SS-G100-ML-1310	13	10	7.5	160	95	22	11	1.5
SS-G100-ML-1613	16	13	12.5	180	100	27	14	2.51
SS-G100-ML-2016	20	16	17.3*	240	140	32	17	5.1
SS-G100-ML-2220	22	20	27.7*	250	150	38	21	7.2
SS-G100-ML-2622	26	22	32.9*	250	150	41	23	8.3
SS-G100-ML-3226	32	26	45.8	300	180	50	27	14.84
SS-G100-ML-3232	32	32	69.2	400	200	60	-	27.01

* WLL differs between source website and PDF. PDF figure shown; confirmation required.
Representative red finish. Confirm supplied finish, certification and assembly rating.
Source-based specification; confirm the supplied product before selection. See reference register.

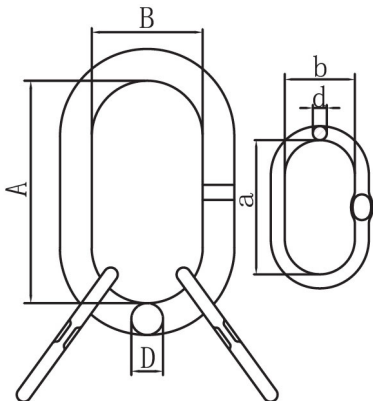
TECHNICAL DATA SHEET

Grade 100 Master Link Multi

Master link assemblies with two intermediate links for multi-leg lifting assemblies. Match the master link, chain size and sling configuration.



REFERENCE PRODUCT



DIMENSIONAL REFERENCE - NOT TO SCALE

PRODUCT CLASS	REFERENCE SAFETY FACTOR	SOURCE STANDARD
Grade 100	4:1	AS 3776

CAPACITY & DIMENSIONS

Safespear item code	Size (mm)	WLL (t)	A (mm)	B (mm)	D (mm)	a (mm)	b (mm)	d (mm)	Wt. (kg)
SS-G100-MLA-06	6	3	135	75	19	54	25	13	1.3
SS-G100-MLA-08	8	5.3	160	90	23	70	34	16.5	2.33
SS-G100-MLA-10	10	8	180	100	27	85	40	19	3.7
SS-G100-MLA-13	13	14	200	110	33	115	50	23	6.5
SS-G100-MLA-16	16	21.2	260	140	36	140	65	27	10.1
SS-G100-MLA-20	20	33.6	350	190	50	180	90	33	22.8
SS-G100-MLA-22	22	39.9	350	190	50	180	100	36	26
SS-G100-MLA-26	26	56	400	200	60	180	100	45	42.6
SS-G100-MLA-32	32	85	460	250	72	200	110	50	66.7

Dimensions in mm; WLL in tonnes. Product image and drawing are reference illustrations.
Representative red finish. Confirm supplied finish, certification and assembly rating.
Source-based specification; confirm the supplied product before selection. See reference register.

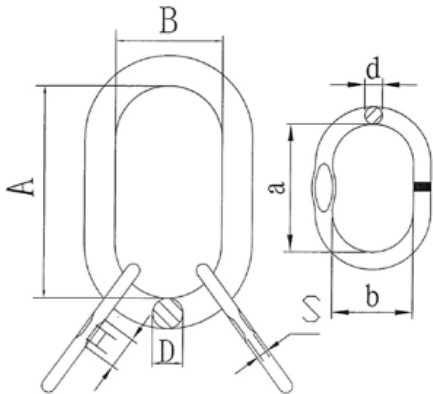
TECHNICAL DATA SHEET

Grade 100 Oversized Master Link Multi

Enlarged master ring with intermediate links for larger crane hooks and multi-leg sling arrangements. Published load ratings require confirmation.



REFERENCE PRODUCT



DIMENSIONAL REFERENCE - NOT TO SCALE

PRODUCT CLASS	REFERENCE SAFETY FACTOR	SOURCE STANDARD
Grade 100	4:1	AS 3776

CAPACITY & DIMENSIONS

Safespear item code	Size (mm)	WLL (t)	A (mm)	B (mm)	D (mm)	a (mm)	b (mm)	d (mm)	Wt. (kg)
SS-G100-MLAO-08	8	5.6*	340	180	27	80	40	16	5.1
SS-G100-MLAO-10	10	9.5*	340	180	33	100	45	20	8
SS-G100-MLAO-13	13	14*	340	180	40	115	50	25	12.8
SS-G100-MLAO-16	16	21.2*	340	180	45	140	70	28	15.9

* WLL differs between source website and PDF. PDF figure shown; confirmation required.
Representative red finish. Confirm supplied finish, certification and assembly rating.
Source-based specification; confirm the supplied product before selection. See reference register.

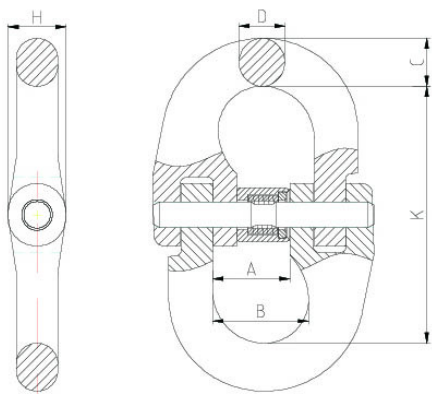
TECHNICAL DATA SHEET

Grade 100 Connecting Link

Mechanical connecting links for joining compatible chain, master links and end fittings within a lifting assembly.



REFERENCE PRODUCT



DIMENSIONAL REFERENCE - NOT TO SCALE

PRODUCT CLASS	REFERENCE SAFETY FACTOR	SOURCE STANDARD
Grade 100	4:1	AS 3776

CAPACITY & DIMENSIONS

Safespear item code	Size (mm)	WLL (t)	A (mm)	B (mm)	C (mm)	D (mm)	K (mm)	H (mm)	Wt. (kg)
SS-G100-CNL-06	6	1.4	14	16.9	8.5	7	44.5	11	0.08
SS-G100-CNL-08	8	2.5	18.5	22.7	10.5	10	63	14	0.18
SS-G100-CNL-10	10	4	23	27.7	12.6	12.6	71	18	0.34
SS-G100-CNL-13	13	6.7	28	33.2	16.5	16.5	92.5	23	0.68
SS-G100-CNL-16	16	10	33.5	39	20	20	106.5	29.5	1.22
SS-G100-CNL-20	20	16	42	47.3	25	25	123	35.5	2.13
SS-G100-CNL-22	22	19	48	55	27	27	137.5	39	3
SS-G100-CNL-26	26	26.5	61	68	32	32	163	45	5.22
SS-G100-CNL-32	32	40	80	87	40	40	197	54	9.55

Dimensions in mm; WLL in tonnes. Product image and drawing are reference illustrations.
Representative red finish. Confirm supplied finish, certification and assembly rating.
Source-based specification; confirm the supplied product before selection. See reference register.

SAFESPEAR

| LIFT

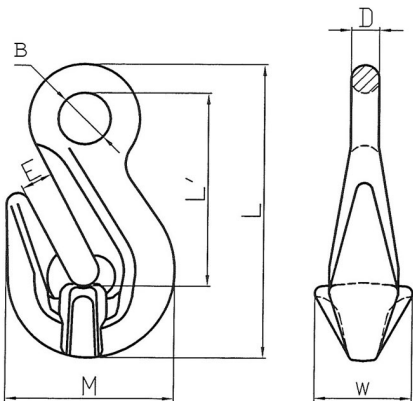
TECHNICAL DATA SHEET

Grade 100 Eye Grab Hook

Eye-type grab hooks for chain shortening and back-hooking arrangements. The eye connects to the assembly through a suitable connecting link.



REFERENCE PRODUCT



DIMENSIONAL REFERENCE - NOT TO SCALE

PRODUCT CLASS	REFERENCE SAFETY FACTOR	SOURCE STANDARD
Grade 100	4:1	AS 3776

CAPACITY & DIMENSIONS

Safespear item code	Size (mm)	WLL (t)	E (mm)	B (mm)	D (mm)	M (mm)	L (mm)	L' (mm)	W (mm)	Wt. (kg)
SS-G100-EGH-06	6	1.4	8	13.5	8	46.5	73	46	25.5	0.15
SS-G100-EGH-08	8	2.5	11	17.5	9.5	53	93	61	33.5	0.30
SS-G100-EGH-10	10	4	13.5	22	14	74	129	85	42	0.79
SS-G100-EGH-13	13	6.7	16.5	28	18.5	96	166	104	53.5	1.67
SS-G100-EGH-16	16	10	19	36	22	116	186	119	74	2.74
SS-G100-EGH-20	20	16	25	44	23	145	225	146	87	4.72
SS-G100-EGH-22	22	19	27	48.5	26	160.5	260.5	165.5	90	8.2
SS-G100-EGH-26	26	26.5*	34	52	34	190	311	204	110	11.35
SS-G100-EGH-32	32	40	41	64	40	229	373	246	130	20.65

* WLL differs between source website and PDF. PDF figure shown; confirmation required.
Representative red finish. Confirm supplied finish, certification and assembly rating.
Source-based specification; confirm the supplied product before selection. See reference register.

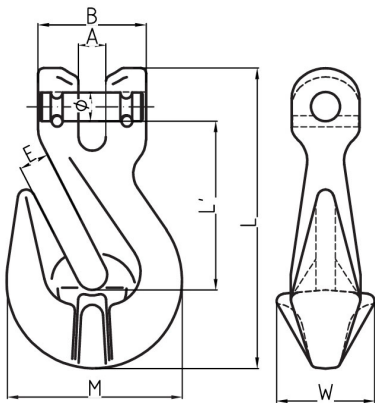
TECHNICAL DATA SHEET

Grade 100 Clevis Grab Hook

Clevis-type grab hooks for chain shortening, with a direct chain connection. Dimensions below follow the downloadable technical sheet.



REFERENCE PRODUCT



DIMENSIONAL REFERENCE - NOT TO SCALE

PRODUCT CLASS	REFERENCE SAFETY FACTOR	SOURCE STANDARD
Grade 100	4:1	AS 3776

CAPACITY & DIMENSIONS

Safespear item code	Size (mm)	WLL (t)	A (mm)	B (mm)	C (mm)	E (mm)	M (mm)	W (mm)	L' (mm)	L (mm)	Wt. (kg)
SS-G100-CGH-06	6	1.4	7.5	32	18	8	46.5	25.5	44.5	77.3	0.22
SS-G100-CGH-08	8	2.5	9.5	36	24	11	54	33.5	53	93	0.34
SS-G100-CGH-10	10	4	12.5	46	29.5	13.5	72	42	73	127	0.82
SS-G100-CGH-13	13	6.7	15	59	37	15	96	53.5	92	164	1.75
SS-G100-CGH-16	16	10	18.5	70	46	19	115	74	103	188	2.88
SS-G100-CGH-20	20	16	24	85	52	25	145	87	123	223	4.84
SS-G100-CGH-22	22	19	27	100	61	27	159	90	141	260	8.3
SS-G100-CGH-26	26	26.5	30	110	70	34	190	110	187	320	13.72
SS-G100-CGH-32	32	40	35	150	80	41	229	130	213	378	25.5

Dimension labels follow the PDF; the website table has misaligned headings.
Representative red finish. Confirm supplied finish, certification and assembly rating.
Source-based specification; confirm the supplied product before selection. See reference register.



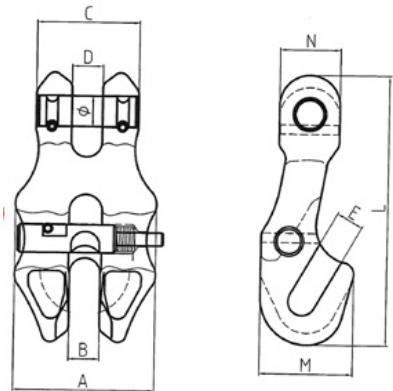
TECHNICAL DATA SHEET

Grade 100 Clevis Shortening Clutch With Safety Pin

Chain-shortening clutch with retaining safety pin and direct clevis connection. Select the clutch to match the chain size and assembly.



REFERENCE PRODUCT



DIMENSIONAL REFERENCE - NOT TO SCALE

PRODUCT CLASS	REFERENCE SAFETY FACTOR	SOURCE STANDARD
Grade 100	4:1	AS 3776

CAPACITY & DIMENSIONS

Safespear item code	Size (mm)	WLL (t)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	M (mm)	N (mm)	L (mm)	Wt. (kg)
SS-G100-CCSP-06	6	1.4	38	7.5	27	7.5	7.5	29	16	73	0.25
SS-G100-CCSP-08	8	2.5	50	9.5	33	9.5	9.2	36	23	92	0.43
SS-G100-CCSP-10	10	4	60	11.7	43.5	11.7	12	45.4	26	115	0.8
SS-G100-CCSP-13	13	6.7	79	15	55	15	15.5	54	34	149	1.67
SS-G100-CCSP-16	16	10	98	19	70	19	18.5	70	40	184	4.2

Dimensions in mm; WLL in tonnes. Product image and drawing are reference illustrations.
Representative red finish. Confirm supplied finish, certification and assembly rating.
Source-based specification; confirm the supplied product before selection. See reference register.



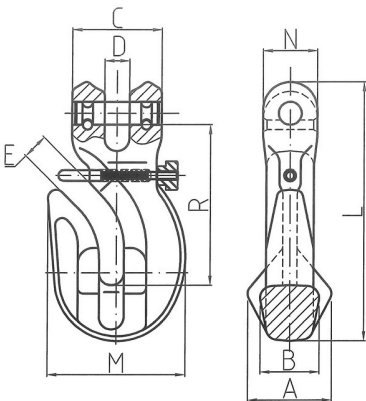
TECHNICAL DATA SHEET

Grade 100 Clevis Grab Hook with Safety Pin

Grab hook with a retaining safety pin and direct clevis connection. Supporting shoulders locate the chain within the hook.



REFERENCE PRODUCT



DIMENSIONAL REFERENCE - NOT TO SCALE

PRODUCT CLASS	REFERENCE SAFETY FACTOR	SOURCE STANDARD
Grade 100	4:1	AS 3776

CAPACITY & DIMENSIONS

Safespear item code	Size (mm)	WLL (t)	A (mm)	B (mm)	C (mm)	N (mm)	R (mm)	D (mm)	E (mm)	L (mm)	M (mm)	Wt. (kg)
SS-G100-CGHSP-08	8	2.5	35.5	25	38	23	66	10	10.5	109	58	0.6
SS-G100-CGHSP-10	10	4	44	32	46	27	82	12	13	134	71.6	1.04
SS-G100-CGHSP-13	13	6.7	57	40	59.5	35	107	15	15.5	175.5	96	2.6
SS-G100-CGHSP-16	16	10	65	51.2	70	46	129	18.5	19	208	107	4.2

Dimensions in mm; WLL in tonnes. Product image and drawing are reference illustrations.
Representative red finish. Confirm supplied finish, certification and assembly rating.
Source-based specification; confirm the supplied product before selection. See reference register.

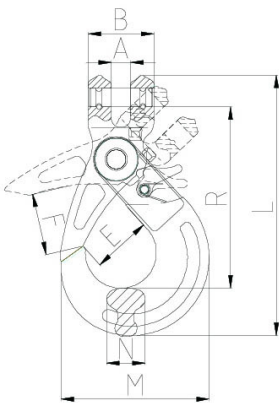
TECHNICAL DATA SHEET

Grade 100 Clevis Self Locking Hook

Self-locking lifting hook with a direct clevis chain connection. The trigger mechanism locks the hook closed during the intended lifting operation.



REFERENCE PRODUCT



DIMENSIONAL REFERENCE - NOT TO SCALE

PRODUCT CLASS	REFERENCE SAFETY FACTOR	SOURCE STANDARD
Grade 100	4:1	AS 3776

CAPACITY & DIMENSIONS

Safespear item code	Size (mm)	WLL (t)	A (mm)	B (mm)	E (mm)	F (mm)	R (mm)	M (mm)	N (mm)	L (mm)	Wt. (kg)
SS-G100-CSLH-06	6	1.4	8	32	28	31	96	70	15	131	0.5
SS-G100-CSLH-08	8	2.5	9.5	36	36	40	121	90	20	163	0.9
SS-G100-CSLH-10	10	4	12	46	45	50	144	108	26	196	1.6
SS-G100-CSLH-13	13	6.7	15	59	53.6	66	182	137	32.5	251	2.9
SS-G100-CSLH-16	16	10	18.5	70	61	75	220	168	38	303	5.8
SS-G100-CSLH-20	20	16	25	85	76.5	80	235	190	50	337	8.6
SS-G100-CSLH-22	22	19	25.5	98	80	104.6	271	202	52	386	12.1
SS-G100-CSLH-26	26	26.5	30	118	99	197	343	251	60	484	21.15
SS-G100-CSLH-32	32	40	35	150	135	142	423	329	75	601	43.4

Dimensions in mm; WLL in tonnes. Product image and drawing are reference illustrations.
Representative red finish. Confirm supplied finish, certification and assembly rating.
Source-based specification; confirm the supplied product before selection. See reference register.

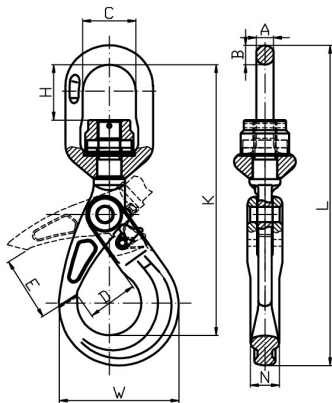
TECHNICAL DATA SHEET

Grade 100 Eye Swivel Self Locking Hook (Ball Bearing)

Swivel-eye self-locking hook with a ball-bearing swivel. Match the hook and connection to the intended lifting assembly and operating conditions.



REFERENCE PRODUCT



DIMENSIONAL REFERENCE - NOT TO SCALE

PRODUCT CLASS	REFERENCE SAFETY FACTOR	SOURCE STANDARD
Grade 100	4:1	AS 3776

CAPACITY & DIMENSIONS

Safespear item code	Size (mm)	WLL (t)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	N (mm)	H (mm)	K (mm)	L (mm)	W (mm)	Wt. (kg)
SS-G100-SSLHB-06	6	1.4	11.5	13	37	27	30	15	32	163	196.5	70	0.67
SS-G100-SSLHB-08	8	2.5	13	15	41	35.5	40	20	39	202	243	90	1.21
SS-G100-SSLHB-10	10	4	15.5	17.5	48	45	48	26	48	244	289	108	2.2
SS-G100-SSLHB-13	13	6.7	17	19	55	52.5	63	32.5	57	292	351	138	4.4
SS-G100-SSLHB-16	16	10	21.5	26	62	62	75	38	62	346	422	170	7.48
SS-G100-SSLHB-20	20	16	26.5	28.5	76	76	80	50	72	396	487	191	13.75
SS-G100-SSLHB-22	22	19	33	33	97	79	95	52	97	465	563	208	18.81

Dimensions in mm; WLL in tonnes. Product image and drawing are reference illustrations.
Representative red finish. Confirm supplied finish, certification and assembly rating.
Source-based specification; confirm the supplied product before selection. See reference register.

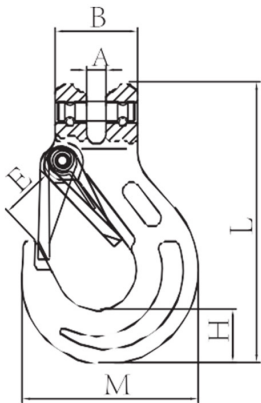
TECHNICAL DATA SHEET

Grade 100 Clevis Sling Safety Hook

Clevis lifting hook with a cast safety latch and direct chain connection. Select the hook size to suit the chain and rated assembly.



REFERENCE PRODUCT



DIMENSIONAL REFERENCE - NOT TO SCALE

PRODUCT CLASS	REFERENCE SAFETY FACTOR	SOURCE STANDARD
Grade 100	4:1	AS 3776

CAPACITY & DIMENSIONS

Safespear item code	Size (mm)	WLL (t)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	H (mm)	M (mm)	L' (mm)	L (mm)	Dia. (mm)	Wt. (kg)
SS-G100-CSH-06	6	1.4	7.5	32	18	16.5	18.5	21	68.5	73	109	18	0.33
SS-G100-CSH-08	8	2.5	9.5	37	23	17	25	27.5	88	88.5	134	24	0.7
SS-G100-CSH-10	10	4	12	48	29.5	24	28	33.5	105.5	105	161.5	30	1.3
SS-G100-CSH-13	13	6.7	15	59	37	34	38	42	134	132	203	40	2.3
SS-G100-CSH-16	16	10	18.5	70	46	38	44	50	160.5	161	248	50	3.6
SS-G100-CSH-20	20	16	25	85	52	48	52	56	190.5	197	297	53	7
SS-G100-CSH-22	22	19	27	100	61	50	66	62	214.5	214	326	68	12.1
SS-G100-CSH-26	26	26.5	30	118	70	60	72	73	248	247	383	76	16.1
SS-G100-CSH-32	32	40	37.5	149	80	71	87	87	281	310	474	81	27.2

Dimensions in mm; WLL in tonnes. Product image and drawing are reference illustrations.
Representative red finish. Confirm supplied finish, certification and assembly rating.
Source-based specification; confirm the supplied product before selection. See reference register.