

Grade 8 products

Applications :

Grade 8 lifting fittings offer a lifting capacity matching grade 8 chain.

Range :

Van Beest offers a wide range of grade 8 items in order to assemble a complete sling from the top master link to the hooks. The range extends from 6 mm to 32 mm (1/4" to 1 1/4").

Design :

Grade 8 components supplied by Van Beest are all manufactured from alloy steel and generally drop forged. Most master links, eye and swivel hooks have a flat part to make assembly with the omega link (CO) easier. CSEC swivel hooks are equipped with ball bearings. Other swivels hooks are equipped with needle roller thrust bearings.

These components are generally stamped with following markings:

manufacturer's identification symbol	EXCEL
traceability code	e.g. AB, pertaining to a particular batch
steel grade	8
CE conformity code	CE, Conformité Européen
item code	e.g. MP
chain diameter in mm and/or inch	e.g. 13 and/or 1/2"
origin	FRANCE

Finish :

The grade 8 components are powder coated yellow or red.

Certification :

Upon request, all the grade 8 items can be supplied with a works certificate and/or EC Declaration of conformity. Some items can also be supplied with a manufacturer test certificate and/or a 3.1 material certificate. We refer to the detailed product information on the next pages.

Instructions for use :

In general all grade 8 components should be inspected before use to ensure that :

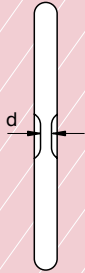
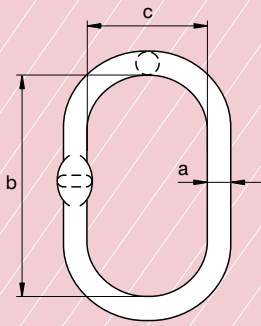
- all markings are legible
- all items are free from nicks, gouges, cracks and corrosion
- items with the correct Working Load Limit have been selected with respect to the sling design i.e. the load to be lifted, the number of legs in the sling, the top angle etc. For further details, we refer to EN818 norm for chain slings
- items may not be heat treated as this may affect their Working Load Limit
- never modify, repair or reshape an item by machining, welding, heating or bending as this may affect the Working Load Limit
- master links and the other items of the sling are all identifiable as being of the same steel grade
- items should be used for straight in line loading only, this in order to avoid bending
- items are not distorted or unduly worn

It is required that the products are regularly inspected and that the inspection should take place minimally in accordance with the safety standards given in the country of use. This is required because the products in use may be affected by wear, misuse, overloading, etc. with a consequence of deformation and alteration of the material structure.

Inspection by a competent person should take place at least every six months and even more frequently when the components are used in severe operating conditions.

Working Load Limit table for Grade 8 Chain Slings to EN 818-4

Chain Ø		1 leg sling	2 leg sling		3 or 4 leg sling		Endless sling
			0° < β ≤ 45°	45° < β ≤ 60°	0° < β ≤ 45°	45° < β ≤ 60°	
inch	mm	t	Safety factor 1.4	Safety factor 1.0	Safety factor 2.1	Safety factor 1.5	Safety factor 1.6
7/32	6	1.12	t	t	t	t	t
1/4	7	1.50	1.60	1.12	2.36	1.70	1.80
5/16	8	2.00	2.12	1.50	3.15	2.24	2.50
3/8	10	3.15	2.80	2.00	4.25	3.00	3.15
1/2	13	5.30	4.25	3.15	6.70	4.75	5.00
5/8	16	8.00	7.50	5.30	11.20	8.00	8.50
3/4	20	12.50	11.20	8.00	17.00	11.80	12.50
7/8	22	15.00	17.00	12.50	26.50	19.00	20.00
1	26	21.20	21.20	15.00	31.50	22.40	23.60
1 1/4	32	31.50	30.00	21.20	45.00	31.50	33.50
			45.00	31.50	67.00	47.50	50.00



MS

EXCEL® Master link, grade 8

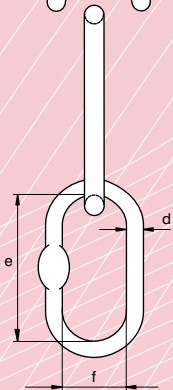
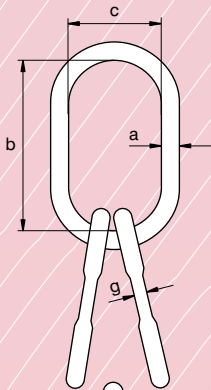
- **Material** : alloy steel, grade 8, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Standard** : generally to EN 1677-4
- **Finish** : painted yellow (J) or red (R)
- **Certification** : at no extra charge this product can be supplied with a works certificate and/or EC Declaration of Conformity
- **Note** : from 50 t without flat part



partnumber	working load limit	diameter chain 1 leg		diameter chain 2 legs				dia-meter	length inside	width inside	thick-ness	weight each
		inch	mm	$\beta \leq 45^\circ$		$\beta \leq 60^\circ$						
				inch	mm	inch	mm					
MS13J or R	1.6	7/32-1/4	6-7	7/32	6	7/32-1/4	6-7	13	100	60	7	0.33
MS16J or R	3.2	3/8	8	1/4-5/16	7-8	5/16	8	16	120	70	7	0.56
MS18J or R	4.5	3/8	10	3/8	10	3/8	10	18	135	75	9	0.8
MS20J or R	6.2	1/2	13	-	-	1/2	13	20	150	90	9	1.11
MS22J or R	8.2	5/8	16	1/2	13	5/8	16	22	150	90	11	1.36
MS25J or R	10.6	3/4	18	-	-	3/4	18	25	170	95	13	1.96
MS28J or R	12.8	3/4	20	5/8	16	3/4	19	28	200	120	13	2.92
MS30J or R	15.5	7/8	20-22	3/4	18	3/4-7/8	20-22	30	200	120	17	3.4
MS36J or R	20	-	-	3/4	19-20	-	-	36	250	150	17	6.1
MS38J or R	25	1	26	7/8	22	1	26	38	250	150	21	6.8
MS44J or R	30	-	-	1	26	-	-	44	280	170	21	10.8
MS45J or R	37	1 1/4	32	-	-	1 1/4	32	45	300	200	23	11.7
MS50J or R	50	-	-	1 1/4	32	-	-	50	300	200	-	14.75
MS55J or R	63	-	-	-	-	-	-	55	350	200	-	20
MS70J or R	100	-	-	-	-	-	-	70	400	250	-	39
MS80J or R	125	-	-	-	-	-	-	80	400	250	-	52

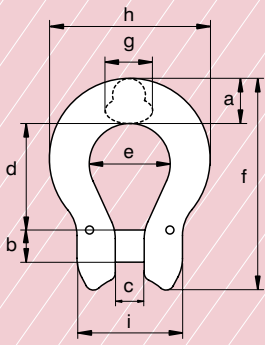
EXCEL® Master link assembly, grade 8

- **Material** : alloy steel, grade 8, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Standard** : generally to EN 1677-4
- **Finish** : painted yellow (J) or red (R)
- **Certification** : at no extra charge this product can be supplied with a works certificate and/or EC Declaration of Conformity
- **Note** : from 60 t without flat part



MTS

partnumber	working load limit	diameter chain 3/4 legs				dia-meter	length inside	width inside	dia-meter	length inside	width inside	thick-ness	weight each
		$\beta \leq 45^\circ$		$\beta \leq 60^\circ$									
		inch	mm	inch	mm								
MTS16J or R	2.5	7/32	6	7/32-1/4	6-7	16	120	70	13	100	60	7	1.24
MTS18J or R	3.5	1/4	7	5/16	8	18	135	75	16	100	60	6	1.75
MTS22J or R	6.5	5/16	8	3/8	10	22	150	90	18	120	70	9	2.8
MTS25J or R	8.5	3/8	10	1/2	13	25	170	95	20	120	70	11	3.82
MTS28J or R	10	-	-	-	-	28	200	120	20	120	70	11	4.7
MTS30J or R	13	1/2	13	5/8	16	30	200	120	22	135	75	14	5.85
MTS36J or R	17	5/8	16	3/4	18-19	36	250	150	25	135	75	14	9.35
MTS38J or R	20	-	-	3/4	20	38	250	150	28	170	95	17	11.75
MTS44J or R	27	3/4	18-19-20	7/8	22	45	280	170	33	200	120	17	18.5
MTS45J or R	30	-	-	-	-	45	300	200	36	200	120	21	22
MTS50J or R	40	7/8	22	1	26	50	300	200	38	150	90	21	24
MTS55J or R	50	1	26	1 1/4	32	55	300	200	38	150	90	23	27
MTS58J or R	60	-	-	-	-	58	350	200	42	150	90	-	34
MTS70J or R	80	1 1/4	32	-	-	70	400	250	55	300	150	-	72
MTS80J or R	100	-	-	-	-	80	400	250	58	300	150	-	92



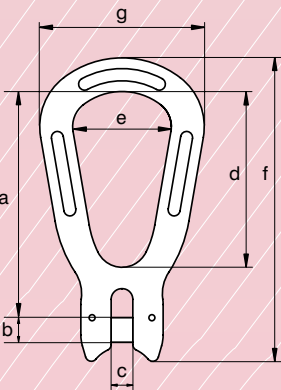
CO

EXCEL® Omega link EN1677-1, grade 8

- **Material** : alloy steel, grade 8, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Standard** : EN 1677-1
- **Finish** : painted yellow (J) or red (R)
- **Certification** : at no extra charge this product can be supplied with a works certificate, a 3.1 material certificate and/or EC Declaration of Conformity



partnumber	working load limit	for chain diameter		width	diameter pin	width	length inside	width bow	length outside	thickness	width outside	width outside	weight each
		inch	mm	a	b	c	d	e	f	g	h	i	
	t			mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
CO5J or R	0.8	3/16	5	11	6	7	24	19	50	9	39	28	0.07
CO6J or R	1.12	7/32	6	11	8	7	24	19	50	9	39	28	0.07
CO7/8J or R	2	1/4-5/16	7-8	18	9	9	32	23	70	16	53	32	0.18
CO10J or R	3.2	3/8	10	18	13	11	40	30	81	17	61	42	0.28
CO13J or R	5.4	1/2	13	23	16	14	50	39	104	20	80	54	0.64
CO16J or R	8.2	5/8	16	30	20	17	63	47	130	25	100	68	1.21
CO18/20J or R	12.8	3/4	18-20	35	24	22	80	58	160	30	120	82	2.09



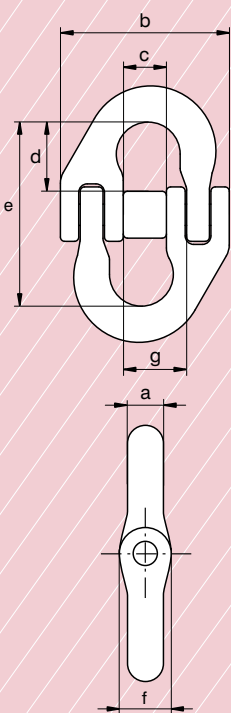
MP

EXCEL® Pear shaped link, grade 8

- **Material** : alloy steel, grade 8, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Finish** : painted yellow (J) or red (R)
- **Certification** : at no extra charge this product can be supplied with a works certificate, a 3.1 material certificate and/or EC Declaration of Conformity



partnumber	working load limit	for chain diameter		length	diameter pin	width	length inside	width inside	length	width outside	weight each
		inch	mm	a	b	c	d	e	f	g	
	t			mm	mm	mm	mm	mm	mm	mm	kg
MP5J or R	0.8	3/16	5	79	6	7	63	32	105	54	0.14
MP6J or R	1.12	7/32	6	79	8	7	63	32	105	54	0.14
MP7/8J or R	2	1/4-5/16	7-8	88	9	8	70	40	121	69	0.28
MP10J or R	3.2	3/8	10	109	13	11	86	49	151	84	0.63
MP13J or R	5.4	1/2	13	147	16	14	116	66	200	112	1.4
MP16J or R	8.2	5/8	16	182	20	17	146	84	249	142	2.72
MP18/20J or R	12.8	3/4	18-20	242	24	21	196	103	319	165	4.28



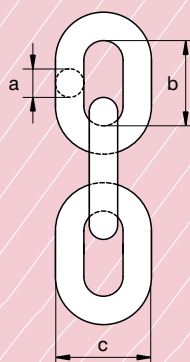
MJ

EXCEL® Connecting link EN1677-1, grade 8

- **Material** : alloy steel, grade 8, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Standard** : EN 1677-1
- **Finish** : painted yellow (J) or red (R)
- **Certification** : at no extra charge this product can be supplied with a works certificate and/or EC Declaration of Conformity



partnumber	working load limit	for chain diameter		diameter	width outside	width inside	length inside	length inside	diameter eye	width inside	weight each
		inch	mm	a	b	c	d	e	f	g	
	t			mm	mm	mm	mm	mm	mm	mm	kg
MJ6J or R	1.12	7/32	6	8	42	11	20	52	11	15	0.14
MJ7/8J or R	2	1/4-5/16	7-8	9	53	14	21	55	16	19	0.15
MJ10J or R	3.2	3/8	10	10	66	18	24	64	18	25	0.32
MJ13J or R	5.4	1/2	13	14	83	21	31	85	24	29	0.7
MJ16J or R	8.2	5/8	16	17	103	25	40	105	28	36	1.29
MJ18/20J or R	12.8	3/4	18-20	21	120	33	50	129	33	43	2.08
MJ22J or R	15.5	7/8	22	23	143	39	54	140	37	53	3.33
MJ26J or R	21.6	1	26	26	160	44	57	153	43	59	4.92
MJ32J or R	32.8	1 1/4	32	39	197	51	64	174	55	68	8.2



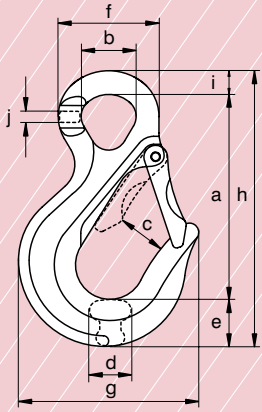
CHAIN

Lifting chain EN818-2, grade 8

- **Material** : alloy steel, grade 8, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Standard** : EN 818-2
- **Finish** : painted black
- **Certification** : at no extra charge this product can be supplied with a works certificate, manufacturer test certificate and/or EC Declaration of Conformity



partnumber	working load limit	diameter		length inside	width outside	links per meter	length per drum	weight per mtr
		a	b	c				
	t	inch	mm	mm	mm		m	kg
CHAIN6	1.12	7/32	6	18	22	55.56	500/600	0.78
CHAIN7	1.5	1/4	7	21	26	47.62	500	1.14
CHAIN8	2	5/16	8	24	30	41.67	350	1.5
CHAIN10	3.15	3/8	10	30	36	33.33	250	2.27
CHAIN13	5.3	1/2	13	39	47	25.64	150	3.74
CHAIN16	8	5/8	16	48	58	20.83	100	5.54
CHAIN20	12.5	3/4	20	60	72	16.67	60	8.94
CHAIN22	15	7/8	22	66	79	15.15	50	11.57
CHAIN26	21.2	1	26	78	93	12.82	25/30	15.26
CHAIN32	31.5	1 1/4	32	96	112	10.42	50	22.61



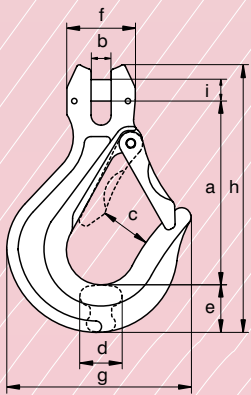
CSO

EXCEL® Eye sling hook EN1677-2, grade 8

- **Material** : alloy steel, grade 8, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Standard** : EN 1677-2
- **Finish** : painted yellow (J) or red (R)
- **Certification** : at no extra charge this product can be supplied with a works certificate, a 3.1 material certificate and/or EC Declaration of Conformity
- **Note** : from 8.2 t without flat part



partnumber	working load limit	for chain diameter		length	dia-meter inside eye	width opening	thick-ness	width	dia-meter eye outside	width outside	length outside	width	thick-ness	weight each
		a	b											
	t	inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
CSO5/6J or R	1.12	3/16-7/32	5-6	86	23	27	15	19	43	73	115	10	7	0.30
CSO7/8J or R	2	1/4-5/16	7-8	102	26	27	19	23	51	87	137	13	8	0.56
CSO10J or R	3.2	3/8	10	121	35	28	23	29	66	106	165	16	11	1.02
CSO13J or R	5.4	1/2	13	155	41	33	31	36	76	136	208	19	14	1.79
CSO16J or R	8.2	5/8	16	185	48	46	34	43	92	159	252	22	17	2.89
CSO18/20J or R	12.8	3/4	18-20	272	60	62	53	65	115	236	365	27	22	9.1
CSO22J or R	15.5	7/8	22	280	72	75	54	65	132	242	375	30	23	9.5
CSO26J or R	21.6	1	26	259	70	73	70	75	144	235	371	37	37	10.4
CSO32J or R	32.8	1 1/4	32	299	66	87	78	89	150	281	430	42	42	20.5



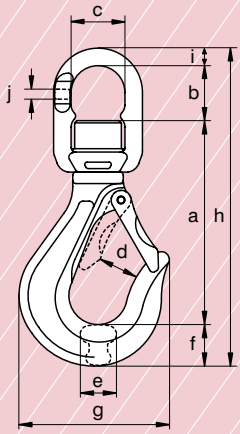
CSC

EXCEL® Clevis sling hook EN1677-2, grade 8

- **Material** : alloy steel, grade 8, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Standard** : EN 1677-2
- **Finish** : painted yellow (J) or red (R)
- **Certification** : at no extra charge this product can be supplied with a works certificate, a 3.1 material certificate and/or EC Declaration of Conformity



partnumber	working load limit	for chain diameter		length	width	width opening	thick-ness	width	width out-side	width out-side	length out-side	dia-meter pin	weight each
		a	b										
	t	inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
CSC5J or R	0.8	3/16	5	76	7	27	15	19	28	73	108	6	0.29
CSC6J or R	1.12	7/32	6	76	7	27	15	19	28	73	108	8	0.29
CSC7/8J or R	2	1/4-5/16	7-8	95	9	30	20	22	32	85	133	9	0.54
CSC10J or R	3.2	3/8	10	113	11	33	24	28	42	106	164	13	1.1
CSC13J or R	5.4	1/2	13	138	15	35	32	40	54	133	208	16	2.12
CSC16J or R	8.2	5/8	16	161	18	43	40	44	67	165	240	20	3.77
CSC18/20J or R	12.8	3/4	18-20	233	22	62	53	65	82	236	342	24	9.77
CSC22J or R	15.5	7/8	22	235	24	77	49	60	96	227	343	28	8.70



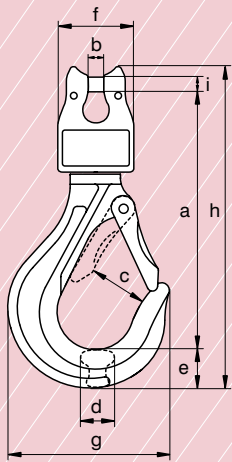
CSE

EXCEL® Swivel sling hook EN1677-2, grade 8

- **Material** : alloy steel, grade 8, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Standard** : EN 1677-2
- **Finish** : painted yellow (J) or red (R)
- **Certification** : at no extra charge this product can be supplied with a works certificate, a 3.1 material certificate and/or EC Declaration of Conformity
- **Note** : equipped with needle roller thrust bearing



partnumber	working load limit	for chain diameter		length	length inside	width inside	width opening	thickness	width	width outside	length outside	diameter	thickness	weight each
		inch	mm	a	b	c	d	e	f	g	h	i	j	
	t			mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
CSE5/6J or R	1.12	3/16-7/32	5-6	100	33	32	27	15	19	73	164	12	6	0.55
CSE7/8J or R	2	1/4-5/16	7-8	126	39	37	30	20	22	85	200	14	8	1
CSE10J or R	3.2	3/8	10	159	47	48	33	24	29	106	250	16	11	1.9
CSE13J or R	5.4	1/2	13	189	59	58	36	32	39	133	307	21	14	3.42
CSE16J or R	8.2	5/8	16	216	68	73	43	40	44	165	352	25	17	6.25
CSE18/20J or R	12.8	3/4	18-20	263	87	82	59	49	62	208	437	25	22	10.5



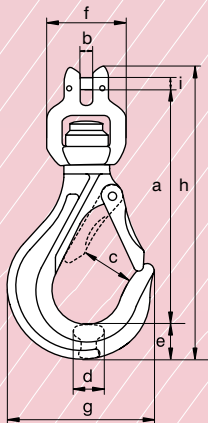
CSEC

EXCEL® Swivel sling hook with clevis EN1677-2, grade 8

- **Material** : alloy steel, grade 8, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Standard** : EN 1677-2
- **Finish** : painted yellow (J) or red (R)
- **Certification** : at no extra charge this product can be supplied with a works certificate, a 3.1 material certificate and/or EC Declaration of Conformity
- **Note** : equipped with ball bearings



partnumber	working load limit	for chain diameter		length	width	width opening	thickness	width	width outside	width outside	length	diameter pin	weight each
		inch	mm	a	b	c	d	e	f	g	h	i	
	t			mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
CSEC5J or R	0.8	3/16	5	111	7	25	16	20	34	73	144	6	0.46
CSEC6J or R	1.12	7/32	6	111	7	25	16	20	34	73	144	8	0.46
CSEC7/8J or R	2	1/4-5/16	7-8	144	8	29	20	22	41	85	184	9	0.93
CSEC10J or R	3.2	3/8	10	169	11	30	24	30	49	104	221	13	1.71
CSEC13J or R	5.4	1/2	13	216	14	36	31	39	60	133	281	16	3.16



CSECA

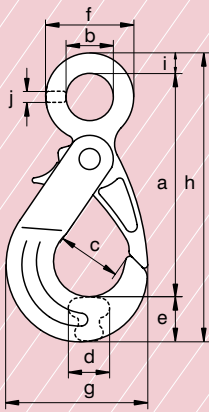
EXCEL® Swivel sling hook with clevis EN1677-2, grade 8

- **Material** : alloy steel, grade 8, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Standard** : EN 1677-2
- **Finish** : painted yellow (J) or red (R)
- **Certification** : at no extra charge this product can be supplied with a works certificate, a 3.1 material certificate and/or EC Declaration of Conformity
- **Note** : equipped with needle roller thrust bearing



partnumber	working load limit	for chain diameter	length	width	width opening	thickness	width	width outside	width outside	length	diameter pin	weight each
			a	b	c	d	e	f	g	h	i	
	t	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
CSECA16J or R	8.2	16	317	18	43	34	49	121	166	352	20	6.69





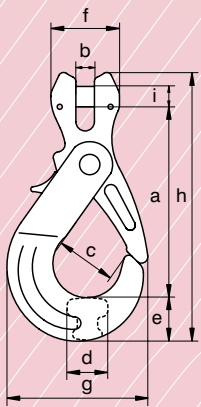
XLO

EXCEL® Eye self locking hook EN1677-3, grade 8

- **Material** : alloy steel, grade 8, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Standard** : EN 1677-3
- **Finish** : painted yellow (J) or red (R)
- **Certification** : at no extra charge this product can be supplied with a works certificate, a 3.1 material certificate and/or EC Declaration of Conformity
- **Note** : from 12.8 t without flat part



partnumber	working load limit	for chain diameter		length	diameter inside eye	width opening	thickness	width	width outside	width outside	length	width	thickness	weight each
		t	inch	mm	a	b	c	d	e	f	g	h	i	
				mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
XLO0J or R	1.12	3/16-7/32	5-6	111	24	32	16	26	47	77	147	11	7	0.51
XLO1J or R	2	1/4-5/16	7-8	134	29	43	23	29	57	92	176	14	7	0.91
XLO2J or R	3.2	3/8	10	168	35	47	32	35	69	111	219	17	10	1.79
XLO3J or R	5.4	1/2	13	199	46	61	37	45	87	142	264	20	13	3.36
XLO4J or R	8.2	5/8	16	247	59	74	43	56	111	185	328	26	16	7
XLO5J or R	12.8	3/4	18-20	282	69	88	51	63	126	207	374	28	20	9.22



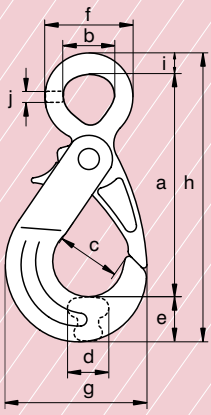
XLC

EXCEL® Clevis self locking hook EN1677-3, grade 8

- **Material** : alloy steel, grade 8, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Standard** : EN 1677-3
- **Finish** : painted yellow (J) or red (R)
- **Certification** : at no extra charge this product can be supplied with a works certificate, a 3.1 material certificate and/or EC Declaration of Conformity



partnumber	working load limit	for chain diameter		length	width	width opening	thickness	width	width outside	width outside	length	diameter pin	weight each
		t	inch	mm	a	b	c	d	e	f	g	h	
				mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
XLC05J or R	0.8	3/16	5	92	7	32	16	26	28	77	131	6	0.49
XLC0J or R	1.12	7/32	6	92	7	32	16	26	28	77	131	8	0.49
XLC1J or R	2	1/4-5/16	7-8	116	9	43	23	29	32	92	161	9	0.91
XLC2J or R	3.2	3/8	10	143	11	47	32	35	42	111	200	13	1.77
XLC3J or R	5.4	1/2	13	167	14	61	37	45	54	142	242	16	3.33
XLC4J or R	8.2	5/8	16	201	18	74	43	56	68	185	293	20	6.75
XLC5J or R	12.8	3/4	18-20	232	22	88	51	63	82	207	341	24	9.57



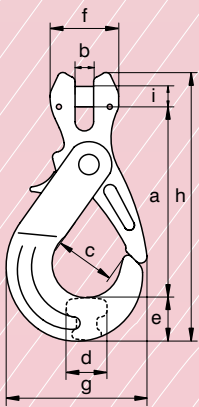
GKO

EXCEL® Eye self locking hook, grade 8

- **Material** : alloy steel, grade 8, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Finish** : painted yellow (J) or red (R)
- **Certification** : at no extra charge this product can be supplied with a works certificate and/or EC Declaration of Conformity



partnumber	working load limit	for chain diameter		length	diameter inside eye	width opening	thickness	width	width outside	width outside	length	width	thickness	weight each
		inch	mm											
	t			mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
GKO1J or R	2	1/4-5/16	7-8	113	24	32	17	25	48	77	151	13	9	0.53
GKO2J or R	3.2	3/8	10	134	30	43	24	29	59	92	180	17	10	0.94
GKO3J or R	5.4	1/2	13	170	39	47	32	34	75	111	225	20	12	1.86
GKO4J or R	8.2	5/8	16	207	49	61	37	46	93	142	273	22	15	3.49
GKO5J or R	12.8	3/4	18-20	257	60	74	43	57	117	185	341	28	21	7.33
GKO6J or R	15.5	7/8	22	290	71	88	52	62	133	207	383	31	21	9.91



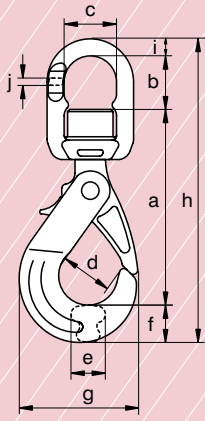
GKC

EXCEL® Clevis self locking hook, grade 8

- **Material** : alloy steel, grade 8, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Finish** : painted yellow (J) or red (R)
- **Certification** : at no extra charge this product can be supplied with a works certificate and/or EC Declaration of Conformity



partnumber	working load limit	for chain diameter		length	width	width opening	thickness	width	width outside	width outside	length	diameter pin	weight each
		inch	mm										
	t			mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
GKC1J or R	2	1/4-5/16	7-8	85	9	32	17	25	32	77	136	9	0.55
GKC2J or R	3.2	3/8	10	116	11	43	24	29	42	92	168	13	1.02
GKC3J or R	5.4	1/2	13	153	15	47	32	34	54	111	218	16	2.01
GKC4J or R	8.2	5/8	16	166	18	62	37	46	66	142	247	20	3.56
GKC5J or R	12.8	3/4	18-20	215	22	74	43	57	80	185	312	24	7.28
GKC6J or R	15.5	7/8	22	242	25	88	52	62	98	207	353	28	10.3



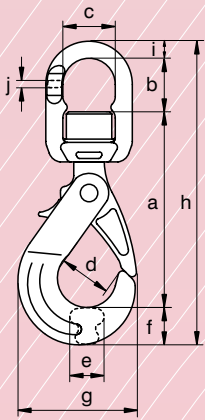
XLE

EXCEL® Swivel self locking hook EN1677-3, grade 8

- **Material** : alloy steel, grade 8, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Standard** : EN 1677-3
- **Finish** : painted yellow (J) or red (R)
- **Certification** : at no extra charge this product can be supplied with a works certificate, a 3.1 material certificate and/or EC Declaration of Conformity
- **Note** : equipped with needle roller thrust bearing



partnumber	working load limit	for chain diameter		length	length inside	width inside	width opening	thickness	width	width outside	length	diameter	thickness	weight each
		inch	mm	a	b	c	d	e	f	g	h	i	j	
	t			mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
XLE0J or R	1.12	3/16-7/32	5-6	122	32	32	32	16	26	77	192	12	6	0.78
XLE1J or R	2	1/4-5/16	7-8	148	39	37	43	23	29	92	231	14	8	1.39
XLE2J or R	3.2	3/8	10	183	46	48	47	32	35	111	282	16	11	2.56
XLE3J or R	5.4	1/2	13	214	57	58	61	37	45	142	336	21	14	4.56
XLE4J or R	8.2	5/8	16	269	65	73	74	39	56	185	416	25	17	9.37
XLE5J or R	12.8	3/4	18-20	303	87	82	88	51	63	207	480	25	22	12.7



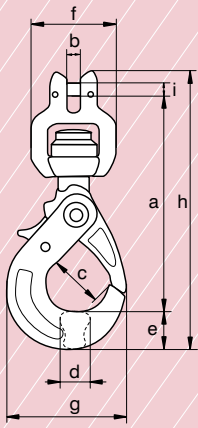
GKE

EXCEL® Swivel self locking hook, grade 8

- **Material** : alloy steel, grade 8, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Finish** : painted yellow (J) or red (R)
- **Certification** : at no extra charge this product can be supplied with a works certificate and/or EC Declaration of Conformity
- **Note** : equipped with needle roller thrust bearing



partnumber	working load limit	for chain diameter		length	length inside	width inside	width opening	thickness	width	width outside	length	diameter	thickness	weight each
		inch	mm	a	b	c	d	e	f	g	h	i	j	
	t			mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
GKE1J or R	2	1/4-5/16	7-8	122	33	32	32	17	25	77	192	12	6	0.77
GKE2J or R	3.2	3/8	10	148	40	37	43	24	29	92	231	14	8	1.38
GKE3J or R	5.4	1/2	13	185	47	48	47	32	34	111	282	16	11	2.56
GKE4J or R	8.2	5/8	16	213	60	58	61	37	46	142	339	21	14	4.58
GKE5J or R	12.8	3/4	18-20	268	62	73	74	43	57	185	417	25	17	9.51
GKE6J or R	15.5	7/8	22	305	88	82	90	52	62	207	480	25	22	12.85



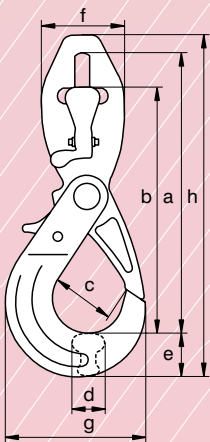
XLBA

EXCEL® Swivel clevis self locking hook EN1677-3, grade 8

- **Material** : alloy steel, grade 8, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Standard** : EN 1677-3
- **Finish** : painted red (R)
- **Certification** : at no extra charge this product can be supplied with a works certificate, a 3.1 material certificate and/or EC Declaration of Conformity
- **Note** : equipped with needle roller thrust bearing



partnumber	working load limit	for chain diameter		length	width	width opening	thickness	width	width outside	width outside	length	diameter pin	weight each
		inch	mm	a	b	c	d	e	f	g	h	i	
	t			mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
XLBA05R	0.8	3/16	5	148	7	32	17	27	56	77	188	6	0.7
XLBA0R	1.12	7/32	6	148	7	32	17	27	56	77	188	8	0.8
XLBA1R	2	1/4-5/16	7-8	176	9	43	24	31	65	92	221	9	1.4
XLBA2R	3.2	3/8	10	214	11	47	32	37	79	111	271	13	2.6
XLBA3R	5.4	1/2	13	250	15	61	37	47	96	142	325	16	4.7
XLBA4R	8.2	5/8	16	319	18	74	43	67	121	185	411	20	9.8



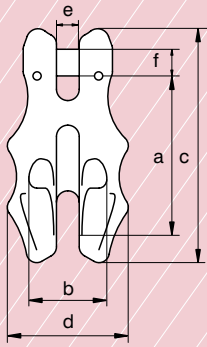
XLR

EXCEL® Shortening self locking hook EN1677-3, grade 8

- **Material** : alloy steel, grade 8, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Standard** : EN 1677-3
- **Finish** : painted yellow (J) or red (R)
- **Certification** : at no extra charge this product can be supplied with a works certificate, a 3.1 material certificate and/or EC Declaration of Conformity
- **Note** : supplied with chain stopper AXLR



partnumber	working load limit	for chain diameter		length	length	width opening	thickness	width	width outside	width outside	length	weight each
		inch	mm	a	b	c	d	e	f	g	h	
	t			mm	mm	mm	mm	mm	mm	mm	mm	kg
XLR7/8J or R	2	1/4-5/16	7-8	170	143	43	23	29	51	92	211	1.35
XLR10J or R	3.2	3/8	10	218	187	47	32	35	64	111	267	2.58
XLR13J or R	5.4	1/2	13	257	217	61	37	45	83	142	320	4.87



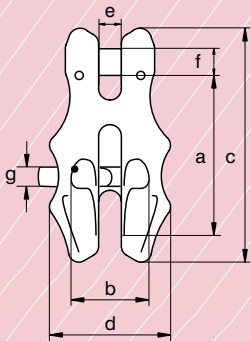
GC

EXCEL® Shortening clutch EN1677-1, grade 8

- **Material** : alloy steel, grade 8, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Standard** : EN 1677-1
- **Finish** : painted yellow (J) or red (R)
- **Certification** : at no extra charge this product can be supplied with a works certificate, a 3.1 material certificate and/or EC Declaration of Conformity



partnumber	working load limit	for chain diameter		length	width inside	length	width outside	width	diameter pin	weight each
		inch	mm	a	b	c	d	e	f	
	t			mm	mm	mm	mm	mm	mm	kg
GC6J or R	1.12	7/32	6	54	22	75	42	7	8	0.22
GC7/8J or R	2	1/4 - 5/16	7-8	69	30	94	50	8	9	0.41
GC10J or R	3.2	3/8	10	79	37	116	63	11	13	0.82
GC13J or R	5.4	1/2	13	105	48	149	79	14	16	1.67
GC16J or R	8.2	5/8	16	129	60	185	100	17	20	3.1
GC18/20J or R	12.8	3/4	18-20	140	75	205	111	22	24	4.02



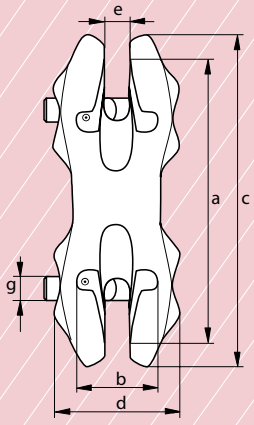
GCV

EXCEL® Shortening clutch with locking EN1677-1, grade 8

- **Material** : alloy steel, grade 8, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Standard** : EN 1677-1
- **Finish** : painted yellow (J) or red (R)
- **Certification** : at no extra charge this product can be supplied with a works certificate, a 3.1 material certificate and/or EC Declaration of Conformity



partnumber	working load limit	for chain diameter		length	width inside	length	width outside	width	diameter pin	diameter pin	weight each
		inch	mm	a	b	c	d	e	f	g	
	t			mm	mm	mm	mm	mm	mm	mm	kg
GCV6J or R	1.12	7/32	6	54	22	75	42	7	8	7	0.22
GCV8J or R	2	5/16	8	69	30	94	50	8	9	8	0.41
GCV10J or R	3.2	3/8	10	79	37	116	63	11	13	12	0.82
GCV13J or R	5.4	1/2	13	105	48	149	79	14	16	16	1.67
GCV16J or R	8.2	5/8	16	129	60	185	100	17	20	20	3.1
GCV20J or R	12.8	3/4	20	140	75	205	111	22	24	20	4.02



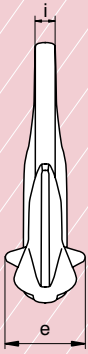
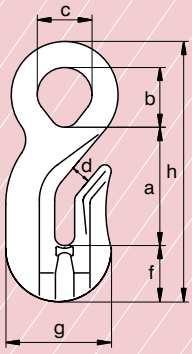
GDV

EXCEL® Shortening clutch with double locking, EN 1677-1, grade 8

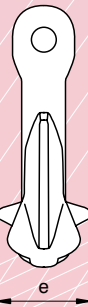
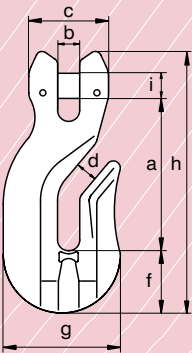
- **Material** : alloy steel, grade 8, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Standard** : EN 1677-1
- **Finish** : painted yellow (J) or red (R)
- **Certification** : at no extra charge this product can be supplied with a works certificate, a 3.1 material certificate and/or EC Declaration of Conformity



partnumber	working load limit	for chain diameter		length	width inside	length	width outside	width	diameter pin	weight each
		inch	mm	a	b	c	d	e	f	
	t			mm	mm	mm	mm	mm	mm	kg
GDV13J or R	5.4	1/2	13	178	47	208	79	14	16	2.85



CRO



CRC

EXCEL® Eye grab hook EN1677-1, grade 8

- **Material** : alloy steel, grade 8, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Standard** : EN 1677-1
- **Finish** : painted yellow (J) or red (R)
- **Certification** : at no extra charge this product can be supplied with a works certificate, a 3.1 material certificate and/or EC Declaration of Conformity



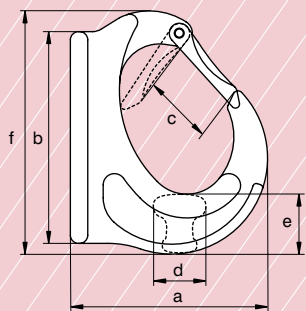
partnumber	working load limit	for chain diameter		length	inside length eye	inside width eye	opening	thickness	width	width outside	length outside	thickness	weight each
		inch	mm	a	b	c	d	e	f	g	h	i	
	t			mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
CRO6J or R	1.12	7/32	6	41	24	23	8	24	20	42	94	6	0.25
CRO7/8J or R	2	1/4-5/16	7-8	52	20	20	10	33	23	46	108	8	0.31
CRO10J or R	3.2	3/8	10	53	29	29	12	41	28	58	123	10	0.53
CRO13J or R	5.4	1/2	13	89	43	39	15	56	40	78	192	18	1.63
CRO16J or R	8.2	5/8	16	103	44	41	18	66	43	96	211	20	2.49
CRO20J or R	12.8	3/4	20	130	37	37	22	75	48	128	241	26	4.3
CRO22J or R	15.5	7/8	22	120	44	44	25	77	57	132	247	26	4.75
CRO26J or R	21.6	1	26	158	46	46	30	100	82	177	320	32	10
CRO32J or R	32.8	1 1/4	32	210	57	57	38	91	88	215	395	39	19.7

EXCEL® Clevis grab hook EN1677-1, grade 8

- **Material** : alloy steel, grade 8, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Standard** : EN 1677-1
- **Finish** : painted yellow (J) or red (R)
- **Certification** : at no extra charge this product can be supplied with a works certificate, a 3.1 material certificate and/or EC Declaration of Conformity



partnumber	working load limit	for chain diameter		length	width	width outside	opening	thickness	width	width outside	length outside	diameter pin	weight each
		inch	mm	a	b	c	d	e	f	g	h	i	
	t			mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
CRC7/8J or R	2	1/4-5/16	7-8	63	8	33	10	33	23	46	104	9	0.35
CRC10J or R	3.2	3/8	10	74	11	42	12	38	28	58	127	13	0.65
CRC13J or R	5.4	1/2	13	102	15	54	15	56	40	78	174	16	1.7
CRC16J or R	8.2	5/8	16	127	18	68	18	65	43	96	208	20	2.81



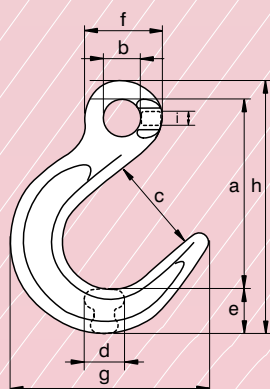
GH

EXCEL® Excavator hook, grade 8

- **Material** : alloy steel, grade 8, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Finish** : painted yellow (J)
- **Certification** : at no extra charge this product can be supplied with a works certificate, a 3.1 material certificate and/or EC Declaration of Conformity
- **Note** : welding must be done in accordance with DIN 5817 resp. 15429, by a qualified welder according to EN 287-1



partnumber	working load limit	width	length	width opening	thickness	width	length	width	weight each
	t	a	b	c	d	e	f	g	kg
		mm	mm	mm	mm	mm	mm	mm	
GH0.75J	0.75	59	71	22	14	21	82	20	0.24
GH1J	1	72	78	25	19	28	108	26	0.52
GH2J	2	92	85	33	20	28	114	34	0.7
GH3J	3	105	104	33	26	32	129	34	1.15
GH4J	4	121	130	38	27	37	148	38	1.66
GH5J	5	138	150	43	28	46	167	44	2.36
GH8J	8	145	148	43	42	53	173	51	3.32
GH10J	10	178	197	60	47	61	225	67	6.44
GH15J	15	185	226	65	62	70	251	80	9.7



CFO

EXCEL® Eye foundry hook, grade 8

- **Material** : alloy steel, grade 8, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Finish** : painted yellow (J) or red (R)
- **Certification** : at no extra charge this product can be supplied with a works certificate, a 3.1 material certificate and/or EC Declaration of Conformity
- **Note** : from 8.2 t without flat part



partnumber	working load limit	for chain diameter		length	diameter eye inside	width opening	thickness	width	diameter eye outside	width outside	length	thickness	weight each
		inch	mm										
	t			a	b	c	d	e	f	g	h	i	kg
				mm	mm	mm	mm	mm	mm	mm	mm	mm	
CFO6J or R	1.12	7/32	6	93	18	47	17	22	38	97	125	7	0.33
CFO7/8J or R	2	1/4-5/16	7-8	124	24	63	22	30	51	129	166	9	0.78
CFO10J or R	3.2	3/8	10	157	33	79	28	36	66	160	208	11	1.5
CFO13J or R	5.4	1/2	13	190	44	93	36	46	85	198	256	14	3
CFO16R	8.2	5/8	16	205	35	95	45	52	88	204	284	24	5.6
CFO18/20R	12.8	3/4	18-20	235	40	111	53	55	92	228	315	25	7.8
CFO22R	15.5	7/8	22	265	46	123	66	71	110	258	268	32	13.5
CFO26R	21.6	1	26	305	54	133	65	81	120	277	420	33	13.8
CFO32R	32.8	1 1/4	32	327	60	155	84	96	131	333	459	35	24.5