

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.

Design :

Grade 8 components supplied by Van Beest are all manufactured from alloy steel and drop forged. Most master links, eye and swivel hooks have a flat part to make assembly with the omega link (CO) easier. Van Beest offers two types of bearings in the swivel hooks. CSEC and XLB hooks are equipped with ball bearings, other swivel hooks with needle roller thrust bearings. Both are designed to rotate under load.

These components are generally stamped with following markings:

manufacturer's identification symbol	EXCEL
traceability code	e.g. Z, pertaining to a particular batch
steel grade	8
CE conformity code	CE, Conformité Européen indicating that the product is suitable for lifting purposes
item code	e.g. MP
chain diameter in mm and/or inch	e.g. 13 and/or ½"
origin	e.g. 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 certificate. We refer to the detailed product information on the next pages.

Instructions for use :

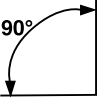
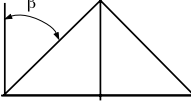
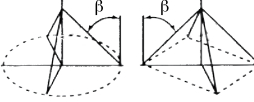

In general all grade 8 components should be inspected before use to ensure that :

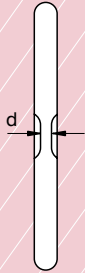
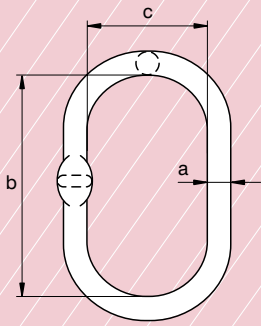
- all markings are legible
- all items are free from nicks, gouges, cracks and corrosion
- items with the correct Working Load Limit have been selected with respect to the sling design i.e. the load to be lifted, the number of legs in the sling, the top angle etc. For further details, we refer to EN818 norm for chain slings
- items may not be heat treated as this may affect their Working Load Limit
- never repair or reshape an item by 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°		
mm	t	Safety Factor 1.4	Safety Factor 1.0	Safety Factor 2.1	Safety Factor 1.5	Safety Factor 1.6	
6	1.12	1.60	1.12	2.36	1.70	1.80	
7	1.50	2.12	1.50	3.15	2.24	2.50	
8	2.00	2.80	2.00	4.25	3.00	3.15	
10	3.15	4.25	3.15	6.70	4.75	5.00	
13	5.30	7.50	5.30	11.20	8.00	8.50	
16	8.00	11.20	8.00	17.00	11.80	12.50	
20	12.50	17.00	12.50	26.50	19.00	20.00	
22	15.00	21.20	15.00	31.50	22.40	23.60	
26	21.20	30.00	21.20	45.00	31.50	33.50	
32	31.50	45.00	31.50	67.00	47.50	50.00	



MS

EXCEL® Master link, grade 8

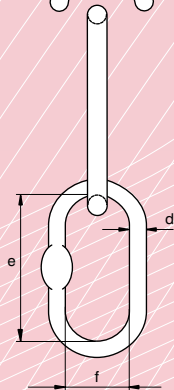
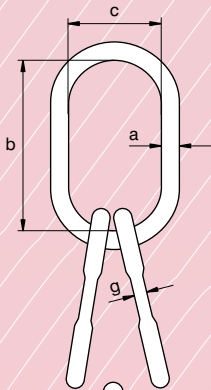
- **Material** : alloy steel, grade 8, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Standard** : EN 1677-4
- **Finish** : painted yellow (J) or red (R)
- **Certification** : at no extra charge this product can be supplied with a works certificate and/or EC Declaration of Conformity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



partnumber	working load limit	diameter chain 1 leg	diameter chain 2 legs			diameter	length inside	width inside	thickness	weight each
			$\beta = 30^\circ$	$\beta = 45^\circ$	$\beta = 60^\circ$					
	t	mm	mm	mm	mm	mm	mm	mm	mm	kg
MS13J or R	1.6	6/7	-	6	6/7	13	100	60	7	0.33
MS16J or R	3.1	8	7	7/8	8	16	120	68	7	0.56
MS18J or R	4.5	10	8	10	10	18	135	75	9	0.8
MS20J or R	6.2	13	10	-	13	20	150	90	9	1.11
MS22J or R	8	16	-	13	16	22	150	87	11	1.36
MS25J or R	10.6	18	13	-	18	25	167	95	13	1.96
MS28J or R	12	19	-	16	19	28	200	120	14	2.92
MS30J or R	15	20/22	16	18	20/22	30	200	120	17	3.4
MS36J or R	20	-	18/19	19/20	-	36	250	150	17	6.1
MS38J or R	25	26	20	22	26	38	246	150	21	6.8
MS44J or R	30	-	22	26	-	44	277	170	21	10.8
MS45J or R	37	32	26	-	32	45	300	200	24	11.7
MS50J or R	50	-	-	32	-	50	300	200	-	14.75
MS55J or R	63	-	32	-	-	55	350	200	-	20
MS70J or R	100	-	-	-	-	70	400	250	-	39
MS80J or R	125	-	-	-	-	80	400	250	-	52

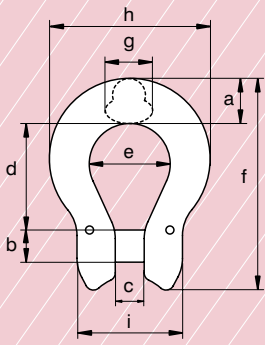
EXCEL® Master link assembly, grade 8

- **Material** : alloy steel, grade 8, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Standard** : 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
		$\beta = 30^\circ$	$\beta = 45^\circ$	$\beta = 60^\circ$								
	t	mm	mm	mm	a	b	c	d	e	f	g	kg
MTS16J or R	2.5	-	6	6/7	16	117	70	13	99	59	7	1.24
MTS18J or R	3.5	6	7	8	18	134	73	16	99	60	8	1.75
MTS22J or R	6.5	7/8	8	10	22	150	86	18	119	69	9	2.8
MTS25J or R	8.5	10	10	13	25	167	95	20	118	69	11	3.82
MTS28J or R	10	-	-	-	28	198	118	20	118	69	11	4.7
MTS30J or R	13	-	13	16	30	198	118	22	134	75	14	5.85
MTS36J or R	17	13	16	18/19	36	250	147	25	134	75	14	9.35
MTS38J or R	20	-	-	20	38	250	147	28	170	93	17	11.75
MTS44J or R	27	16/18	18/19/20	22	45	272	170	33	200	115	17	18.5
MTS45J or R	30	19	-	-	45	300	195	37	198	120	21	22
MTS50J or R	40	20/22	22	26	50	300	200	38	150	90	21	24
MTS55J or R	50	-	26	32	55	300	200	38	150	90	23	27
MTS58J or R	60	26	-	-	58	350	200	42	147	90	-	34
MTS70J or R	80	-	32	-	70	400	250	55	296	150	-	72
MTS80J or R	100	32	-	-	80	400	250	60	300	150	-	92



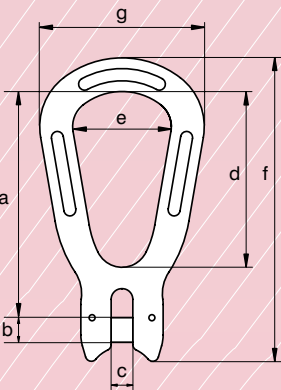
CO

EXCEL® Omega link, 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 certificate and/or EC Declaration of Conformity



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



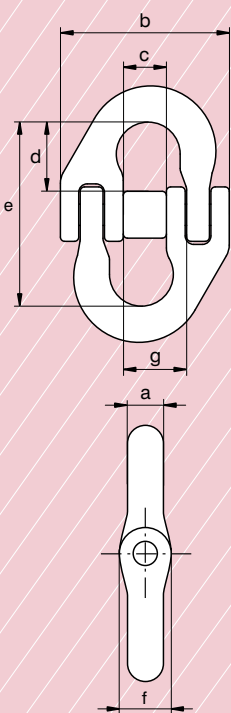
MP

EXCEL® Pear shaped link, grade 8

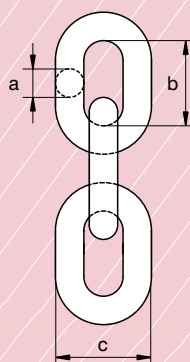
- **Material** : alloy steel, grade 8, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Finish** : painted yellow (J) or red (R)
- **Certification** : at no extra charge this product can be supplied with a works certificate, a 3.1 certificate and/or EC Declaration of Conformity



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



MJ



CHAIN

EXCEL® Connecting link, 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



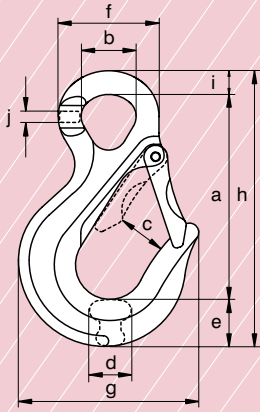
partnumber	working load limit	for chain diameter	diameter	width outside	width inside	length inside	length inside	diameter eye	width inside	weight each
			a	b	c	d	e	f	g	
	t	mm	mm	mm	mm	mm	mm	mm	mm	kg
MJ6J or R	1.12	6	8	42	11	14	44	12	15	0.14
MJ7/8J or R	2	7/8	9	54	14	21	55	14	19	0.15
MJ10J or R	3.2	10	12	66	18	24	64	19	25	0.32
MJ13J or R	5.4	13	16	84	22	30	83	25	30	0.7
MJ16J or R	8.2	16	20	105	26	40	105	29	36	1.29
MJ18/20J or R	12.8	18/20	22	122	33	48	124	34	42	2.08
MJ22J or R	15.5	22	27	141	37	61	155	36	50	3.33
MJ26J or R	21.6	26	31	169	40	61	160	41	56	4.92
MJ32J or R	31.8	32	37	198	51	65	174	49	67	8.2

Lifting chain, 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	mm	mm	mm		m	kg
CHAIN6	1.12	6	18	22	55.56	500/600	0.78
CHAIN7	1.5	7	21	26	47.62	500	1.14
CHAIN8	2	8	24	30	41.67	350	1.5
CHAIN10	3.15	10	30	36	33.33	250	2.27
CHAIN13	5.3	13	39	47	25.64	150	3.74
CHAIN16	8	16	48	58	20.83	100	5.54
CHAIN20	12.5	20	60	72	16.67	60	8.94
CHAIN22	15	22	66	79	15.15	50	11.57
CHAIN26	21.2	26	78	93	12.82	25/30	15.26
CHAIN32	31.5	32	96	112	10.42	50	22.61



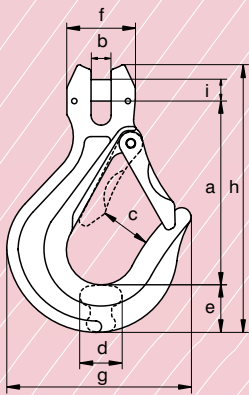
CSO

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 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	c	d	e	f	g	h	i	j	
	t	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
CSO5/6J or R	1.12	5/6	86	23	27	15	19	43	73	115	10	7	0.30
CSO7/8J or R	2	7/8	102	26	27	19	23	51	87	137	13	8	0.56
CSO10J or R	3.2	10	121	35	28	23	29	66	106	165	16	11	1.02
CSO13J or R	5.4	13	155	41	33	31	36	76	136	208	19	14	1.79
CSO16J or R	8.2	16	185	48	46	34	43	92	159	252	22	17	2.89
CSO18/20J or R	12.8	18/20	272	60	62	53	65	115	236	365	27	22	9.1
CSO22J or R	15.5	22	271	71	65	51	62	132	227	361	31	23	8.37
CSO26J or R	21.6	26	251	48	73	55	86	111	236	363	32	32	10.4
CSO32J or R	32.8	32	292	58	87	67	104	139	286	435	39	39	20.5



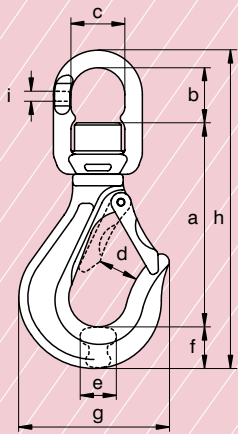
CSC

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 certificate and/or EC Declaration of Conformity



partnumber	working load limit	for chain diameter	length	width	width opening	thick- ness	width	width outside	width outside	length outside	dia- meter pin	weight each
			a	b	c	d	e	f	g	h	i	
	t	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
CSC5J or R	0.8	5	76	7	27	15	19	28	73	108	6	0.29
CSC6J or R	1.12	6	76	7	27	15	19	28	73	108	8	0.29
CSC7/8J or R	2	7/8	95	9	30	20	22	32	85	133	9	0.54
CSC10J or R	3.2	10	113	11	33	24	28	42	106	164	13	1.1
CSC13J or R	5.4	13	138	15	35	32	40	54	133	208	16	2.12
CSC16J or R	8.2	16	161	18	43	40	44	67	165	240	20	3.77
CSC18/20J or R	12.8	18/20	233	21	62	53	65	82	236	342	24	9.77
CSC22J or R	15.5	22	235	24	77	49	60	96	227	343	28	8.70



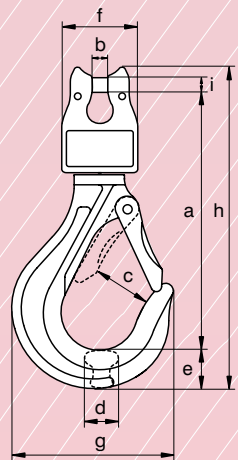
CSE

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 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	thick-ness	width	width outside	length outside	thick-ness	weight each
			a	b	c	d	e	f	g	h	i	
	t	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
CSE5/6J or R	1.12	5/6	99	33	29	25	16	20	73	166	7	0.4
CSE7/8J or R	2	7/8	123	33	31	29	20	22	85	190	7	0.77
CSE10J or R	3.2	10	148	41	36	30	24	30	104	231	9	1.41
CSE13J or R	5.4	13	185	45	47	36	31	39	133	288	12	2.53
CSE16J or R	8.2	16	215	57	56	43	34	49	168	342	15	4.91
CSE18/20J or R	12.8	18/20	264	66	72	79	43	50	190	406	17	7.75



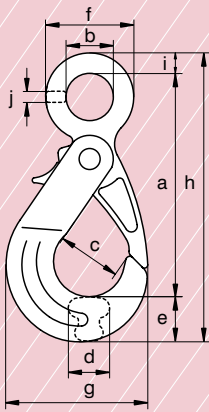
CSEC

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 certificate and/or EC Declaration of Conformity
- **Note** : equipped with ball bearings



partnumber	working load limit	for chain diameter	length	width	width opening	thick-ness	width	width outside	width outside	length	dia-meter pin	weight each
			a	b	c	d	e	f	g	h	i	
	t	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
CSEC5J or R	0.8	5	111	7	25	16	20	34	73	144	6	0.46
CSEC6J or R	1.12	6	111	7	25	16	20	34	73	144	8	0.46
CSEC7/8J or R	2	7/8	144	8	29	20	22	41	85	184	9	0.93
CSEC10J or R	3.2	10	169	11	30	24	30	49	104	221	13	1.71
CSEC13J or R	5.4	13	216	14	36	31	39	60	133	281	16	3.16
CSEC16J or R	8.2	16	252	18	43	34	49	80	168	333	20	5.64



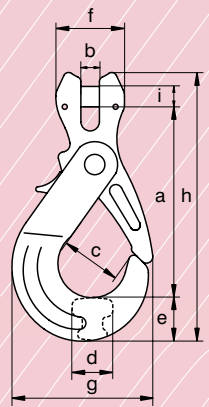
XLO

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 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	mm	a mm	b mm	c mm	d mm	e mm	f mm	g mm	h mm	i mm	j mm	kg
XLO0J or R	1.12	5/6	111	24	32	16	26	47	77	147	11	7	0.51
XLO1J or R	2	7/8	134	29	43	23	29	57	92	176	14	7	0.91
XLO2J or R	3.2	10	168	35	47	32	35	69	111	219	17	10	1.79
XLO3J or R	5.4	13	199	46	61	37	45	87	142	264	20	13	3.36
XLO4J or R	8.2	16	247	59	74	43	56	111	185	328	26	16	7
XLO5J or R	12.8	18/20	282	69	88	51	63	126	207	374	28	20	9.22



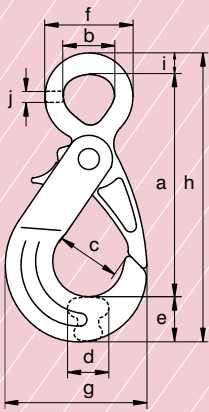
XLC

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 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	mm	a mm	b mm	c mm	d mm	e mm	f mm	g mm	h mm	i mm	kg
XLC05J or R	0.8	5	92	7	32	16	26	28	77	131	6	0.49
XLC0J or R	1.12	6	92	7	32	16	26	28	77	131	8	0.49
XLC1J or R	2	7/8	116	9	43	23	29	32	92	161	9	0.91
XLC2J or R	3.2	10	143	11	47	32	35	42	111	200	13	1.77
XLC3J or R	5.4	13	167	14	61	37	45	54	142	242	16	3.33
XLC4J or R	8.2	16	201	18	74	43	56	68	185	293	20	6.75
XLC5J or R	12.8	18/20	232	22	88	51	63	82	207	341	24	9.57



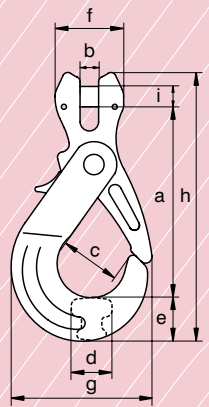
GKO

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	dia-meter inside eye	width opening	thick-ness	width	width outside	width outside	length	width	thick-ness	weight each
			a	b	c	d	e	f	g	h	i	j	
	t	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
GKO1J or R	2	7/8	113	24	32	17	25	48	77	151	13	9	0.53
GKO2J or R	3.2	10	134	30	43	24	29	59	92	180	17	10	0.94
GKO3J or R	5.4	13	170	39	47	32	34	75	111	225	20	12	1.86
GKO4J or R	8.2	16	207	49	61	37	46	93	142	273	22	15	3.49
GKO5J or R	12.8	18/20	257	60	74	43	57	117	185	341	28	21	7.33
GKO6J or R	15.5	22	290	71	88	52	62	133	207	383	31	21	9.91



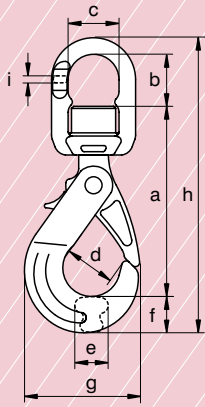
GKC

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	thick-ness	width	width outside	width outside	length	dia-meter pin	weight each
			a	b	c	d	e	f	g	h	i	
	t		mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
GKC1J or R	2	7/8	85	9	32	17	25	32	77	136	9	0.55
GKC2J or R	3.2	10	116	11	43	24	29	42	92	168	13	1.02
GKC3J or R	5.4	13	153	15	47	32	34	54	111	218	16	2.01
GKC4J or R	8.2	16	166	18	62	37	46	66	142	247	20	3.56
GKC5J or R	12.8	18/20	215	22	74	43	57	80	185	312	24	7.28
GKC6J or R	15.5	22	242	25	88	52	62	98	207	353	28	10.3



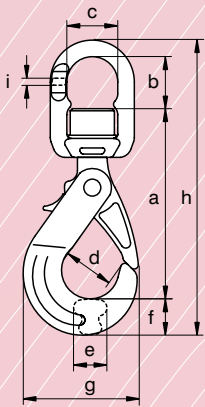
XLE

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 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	thick-ness	width	width outside	length	thick-ness	weight each
	t	mm	a	b	c	d	e	f	g	h	i	kg
			mm	mm	mm	mm	mm	mm	mm	mm	mm	
XLE0J or R	1.12	5/6	122	32	31	32	16	26	77	192	6	0.78
XLE1J or R	2	7/8	148	39	36	43	23	29	92	231	8	1.39
XLE2J or R	3.2	10	183	46	47	47	32	35	111	282	11	2.56
XLE3J or R	5.4	13	214	57	56	61	37	45	142	336	14	4.56
XLE4J or R	8.2	16	269	65	72	74	39	56	185	416	17	9.5
XLE5J or R	12.8	18/20	303	87	81	88	51	63	207	480	22	12.7



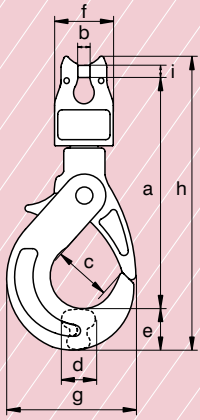
GKE

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	thick-ness	width	width outside	length	thick-ness	weight each
	t	mm	a	b	c	d	e	f	g	h	i	kg
			mm	mm	mm	mm	mm	mm	mm	mm	mm	
GKE1J or R	2	7/8	122	33	31	32	17	25	77	192	6	0.77
GKE2J or R	3.2	10	148	40	36	43	24	29	92	231	8	1.38
GKE3J or R	5.4	13	185	47	47	47	32	34	111	282	11	2.56
GKE4J or R	8.2	16	213	60	56	61	37	46	142	339	14	4.58
GKE5J or R	12.8	18/20	268	62	72	74	43	57	185	417	18	9.51
GKE6J or R	15.5	22	305	88	81	90	52	62	207	480	22	12.85



XLB

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

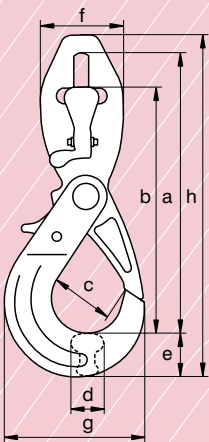
- **Material** : alloy steel, grade 8, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Finish** : painted red (R)
- **Certification** : at no extra charge this product can be supplied with a works certificate, a 3.1 certificate and/or EC Declaration of Conformity
- **Note** : equipped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



part-number	working load limit	for chain diameter	length	width	width opening	thickness	width	width outside	width outside	length	diameter pin	weight each
	t	mm	a	b	c	d	e	f	g	h	i	kg
			mm	mm	mm	mm	mm	mm	mm	mm	mm	
XLB05R	0.8	5	129	7	32	16	26	35	77	167	6	0.7
XLB0R	1.12	6	129	7	32	16	26	35	77	167	8	0.7
XLB1R	2	7/8	165	9	43	23	29	41	92	211	9	1.3
XLB2R	3.2	10	200	11	47	32	35	49	111	257	13	2.33
XLB3R	5.4	13	245	15	61	37	45	60	142	314	16	4.55
XLB4R	8.2	16	295	18	74	39	56	80	185	388	20	8.6

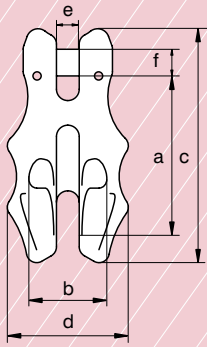
EXCEL® Shortening self locking hook EN1677-3, grade 8

- **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 certificate and/or EC Declaration of Conformity
- **Note** : supplied with chain stopper AXLR



XLR

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



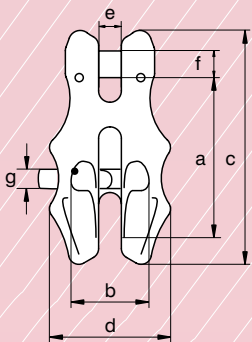
GC

EXCEL® Shortening clutch, 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 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
			a	b	c	d	e	f	
	t	mm	mm	mm	mm	mm	mm	mm	kg
GC6J or R	1.12	6	54	22	75	42	7	8	0.22
GC7/8J or R	2	7/8	69	30	94	50	8	9	0.41
GC10J or R	3.2	10	79	37	116	63	11	13	0.82
GC13J or R	5.4	13	105	48	149	79	14	16	1.67
GC16J or R	8.2	16	129	60	185	100	17	20	3.1
GC18/20J or R	12.8	18/20	140	75	205	111	22	24	4.02



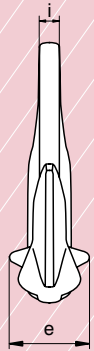
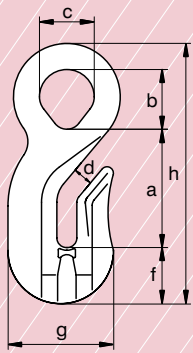
GCV

EXCEL® Shortening clutch with locking, 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 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
			a	b	c	d	e	f	g	
	t	mm	mm	mm	mm	mm	mm	mm	mm	kg
GCV6J or R	1.12	6	54	22	75	42	7	8	7	0.22
GCV8J or R	2	8	69	30	94	50	8	9	8	0.41
GCV10J or R	3.2	10	79	37	116	63	11	13	12	0.82
GCV13J or R	5.4	13	105	48	149	79	14	16	16	1.67
GCV16J or R	8.2	16	129	60	185	100	17	20	20	3.1
GCV20J or R	12.8	20	140	75	205	111	22	24	20	4.02



CRO

EXCEL® Eye grab hook EN1677-1, Grade 8

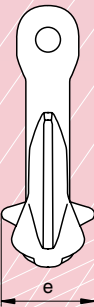
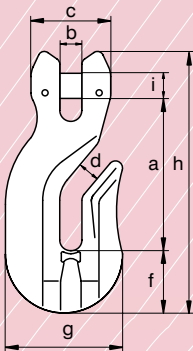
- **Material** : alloy steel, grade 8, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Standard** : EN 1677-1
- **Finish** : painted yellow (J) or red (R)
- **Certification** : at no extra charge this product can be supplied with a works certificate, a 3.1 certificate and/or EC Declaration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



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

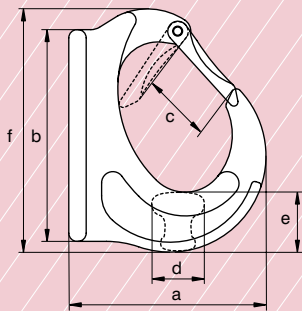
EXCEL® Clevis grab hook EN1677-1, grade 8

- **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 certificate and/or EC Declaration of Conformity



CRC

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



GH

EXCEL® Excavator hook, grade 8

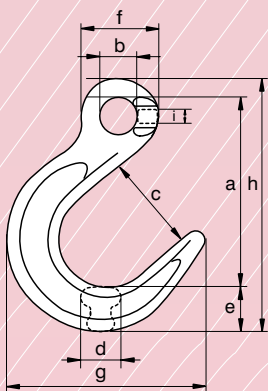
- **Material** : alloy steel, grade 8, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Finish** : painted yellow (J)
- **Certification** : at no extra charge this product can be supplied with a works certificate, a 3.1 certificate and/or EC Declaration of Conformity
- **Note** : respect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



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

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 certificate and/or EC Declaration of Conformity
- **Note** : from 8.2 t without flat part



CFO

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

