EXCEL® Grade 10 products

Applications
Grade 10 products offer a lifting capacity which is 25 % greater than products in a comparable grade 8 chain size. For many applications a smaller chain size can be chosen to manufacture lighter and easier to handle chain slings.

Range
Van Beest offers a wide range of grade 10 items to assemble a complete sling, from the top master link to the hooks. The range extends from 6 mm up to 20 mm. ($^{7}/_{32}$" up to $^{3}/_{4}$").

Design
Grade 10 EXCEL® items are manufactured from alloy steel.

These components are generally marked with:

- manufacturer's identification symbol	■ EXCEL
- chain diameter in mm and/or inch	■ e.g. 13 and/or $^{1}/_{2}$"
- traceability code	■ e.g. HA
- steel grade	■ 10
- item code	■ e.g. UMJ
- origin	■ FRANCE

Finish
EXCEL® grade 10 hooks are powder coated in blue.

Certification
Specific details of certificate availability can be found on each product page.
Please verify your certification requirements with Van Beest at time of order.

DGUV Type Approval
More than 150 EXCEL® products are DGUV Type Approved (Deutsche Gesetzliche Unfallversicherung). This allows us to H-stamp the components with our unique H number (H94).

Tests are based on GS-OA-15-05:2012-05: Principles for the testing and certification of chains and chain components. These components are Type approved to EN818-2 or EN1677

DGUV

On the product pages the DGUV icon indicates that this product group is approved, or see our website for the complete list of approved products and their certificates.

Testing
Proofloads for grade 10 products are applied as per following table and certificates can be supplies upon request.

for chain diameter		Working Load Limit (WLL)	Proofload (PL)	Minimum Breaking (MBL)
mm	inch	t	t	t
6	$^{7}/_{32}$	1.4	3.5	5.6
	$^{9}/_{32}$	1.95	4.88	7.8
8	$^{5}/_{16}$	2.6	6.5	10.4
10	$^{3}/_{8}$	4	10	16
13	$^{1}/_{2}$	6.8	17	27.2
16	$^{5}/_{8}$	10.3	25.75	41.2
20	$^{3}/_{4}$	16	40	64

Instructions for use :
All grade 10 components should be inspected before use to ensure that:

- all markings are legible;
- items with the correct WLL have been selected. For further details we refer to the EN818 standard for chain slings;
- master links and the other items of the sling are all identifiable as being of the same steel grade;
- items should be used for in-line lifting only, this in order to avoid bending;
- the bolt, nut or any other locking system cannot vibrate out of position;
- items are not distorted or unduly worn;
- all items are free from nicks, gouges, cracks and corrosion;
- items may not be heat treated as this may affect their WLL;
- never modify, repair or reshape an item by machining, welding, heating or bending as this may affect the WLL.

INFO

For a detailed explanation on the correct (dis)assembly of clevis fittings, we refer to the instruction PI-03-06 in the FAQ section on our website.

Temperature

If extreme temperature situations are applicable, the following load reduction must be taken into account:

Temperature °Celsius	Reduction for elevated temperatures New Working Load Limit
-40 °C up to 200 °C	100 % of original WLL
200 – 300 °C	90 % of original WLL
300 – 400 °C	75 % of original WLL
> 400 °C	not allowed

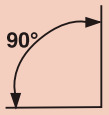
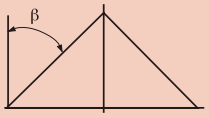
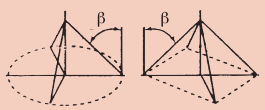
EXCEL® grade 10 chain can be used at temperatures ranging from -40 °C up to 200 °C.

If a sling has been temporarily used under extreme temperature conditions with the appropriate WLL reduction, there is no need to continue to reduce the WLL once it is used again in standard conditions. If a sling has accidentally been exposed to excessive temperatures, for example due to exposure to a fire, the chain sling should be withdrawn from service.

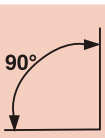
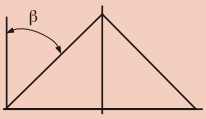
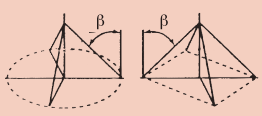
Inspection

It is required that the products are regularly inspected 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. which may lead to deformation and alteration of the material structure.
Inspection by a competent person should take place at least every six months and more frequently when the components are used in severe operating conditions.

Working Load Limit table for Grade 10 Chain Slings generally to EN 818-4

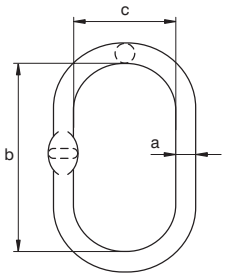
Chain Ø							
		1 leg sling	2 leg sling		3 or 4 leg sling		Endless sling
			0°<ß ≤ 45°	45°<ß ≤ 60°	0°<ß ≤ 45°	45°<ß ≤ 60°	
			Safety factor 1.4	Safety factor 1.0	Safety factor 2.1	Safety factor 1.5	Safety factor 1.6
mm	inch	t	t	t	t	t	t
6	7/32	1.40	1.95	1.40	2.95	2.10	2.24
8	5/16	2.60	3.69	2.60	5.50	3.90	4.16
10	3/8	4.00	5.65	4.00	8.50	6.00	6.40
13	1/2	6.80	9.60	6.80	14.20	10.20	10.88
16	5/8	10.30	14.50	10.30	21.80	15.45	16.48
20	3/4	16.00	22.40	16.00	33.60	24.00	25.60
22	7/8	19.00	26.50	19.00	40.00	28.00	30.40

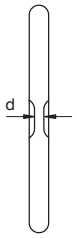
Working Load Limit table for Grade 10 Chain Slings generally to ASME B30.9

Chain Ø									
		1 leg sling	2 leg sling			3 or 4 leg sling			Endless sling
			0°<ß ≤ 30°	30°<ß ≤ 45°	45°<ß ≤ 60°	0°<ß ≤ 30°	30°<ß ≤ 45°	45°<ß ≤ 60°	
			Safety factor 1.73	Safety factor 1.4	Safety factor 1.0	Safety factor 2.6	Safety factor 2.1	Safety factor 1.5	Safety factor 1.6
mm	inch	t	t	t	t	t	t	t	t
6	7/32	1.40	2.40	1.95	1.40	3.65	2.95	2.10	2.24
	9/32	1.95	3.35	2.75	1.95	5.07	4.14	2.92	3.12
8	5/16	2.60	4.52	3.69	2.60	6.76	5.50	3.90	4.16
10	3/8	4.00	6.90	5.65	4.00	10.40	8.50	6.00	6.40
13	1/2	6.80	11.77	9.60	6.80	17.68	14.20	10.20	10.88
16	5/8	10.30	17.82	14.50	10.30	26.78	21.80	15.45	16.48
20	3/4	16.00	27.60	22.40	16.00	41.60	33.60	24.00	25.60
22	7/8	19.00	32.80	26.50	19.00	49.40	40.00	28.00	30.40

EXCEL®

UMS





EXCEL® Master link, grade 10

- **Material** : alloy steel, grade 10, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Finish** : painted blue
- **Certification** : 2.1 2.2 3.1 MTC [b]

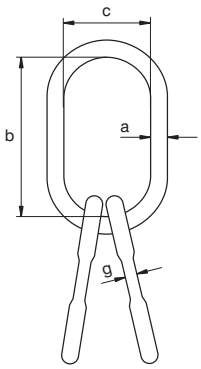
diameter chain 1 leg	diameter chain 2 legs		working load limit	dia-meter	length inside	width inside	thick-ness	weight each
	ß ≤ 45°	ß ≤ 60°		a	b	c	d	
mm	mm	mm	t	mm	mm	mm	mm	kg
6	6	6	2	13	100	60	7	0.33
8	-	8	3.2	16	120	70	7	0.56
10	8	10	5.4	18	135	75	9	0.8
13	10	13	8.2	22	170	90	11	1.47
16	13	16	11.2	25	190	105	13	2.17
20	16	20	16	30	235	125	17	3.82
22	20-22	22	27.6	40	290	160	21	9

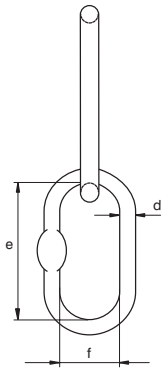
In inch

diameter chain 1 leg	diameter chain 2 legs			working load limit	dia-meter	length inside	width inside	thick-ness	weight each
	ß ≤ 30°	ß ≤ 45°	ß ≤ 60°		a	b	c	d	
inch	inch	inch	inch	t	inch	inch	inch	inch	lbs
7/32	-	7/32	7/32	2	1/2	3 15/16	2 3/8	9/32	0.73
9/32 - 5/16	7/32	-	9/32 - 5/16	3.2	5/8	4 23/32	2 3/4	9/32	1.23
3/8	9/32 - 5/16	9/32 - 5/16	3/8	5.4	23/32	5 5/16	2 15/16	11/32	1.76
1/2	3/8	3/8	1/2	8.2	7/8	6 11/16	3 17/32	7/16	3.24
5/8	-	1/2	5/8	11.2	31/32	7 15/32	4 1/8	1/2	4.78
3/4	-	5/8	3/4	16	1 3/16	9 1/4	4 29/32	21/32	8.42
7/8	3/4	3/4 - 7/8	7/8	27.6	1 9/16	11 13/32	6 5/16	13/16	19.8

EXCEL® Master link assembly, grade 10

UMTS





- **Material** : alloy steel, grade 10, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Finish** : painted blue
- **Certification** : 2.1 2.2 3.1 MTC [b]

diameter chain 3/4 legs		working load limit	dia-meter	length inside	width inside	dia-meter	length inside	width inside	thick-ness	weight each
ß ≤ 45°	ß ≤ 60°		a	b	c	d	e	f	g	
mm	mm	t	mm	mm	mm	mm	mm	mm	mm	kg
6	6	3.5	18	135	75	16	100	60	7	1.75
8	8-10	6.5	22	170	90	18	120	70	9	2.91
10	13	11	28	210	115	20	120	70	11	4.74
13	16	17.5	36	270	150	25	135	75	13	9.6
16	18-19	21.2	38	285	160	30	170	95	16	13.38
20	22	41.6	50	300	200	38	150	90	21	24.5

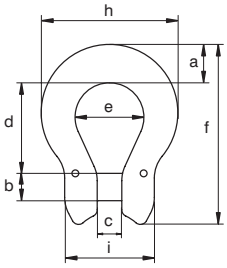
In inch

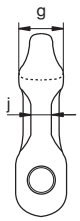
diameter chain 3/4 legs			working load limit	dia-meter	length inside	width inside	dia-meter	length inside	width inside	thick-ness	weight each
ß ≤ 30°	ß ≤ 45°	ß ≤ 60°		a	b	c	d	e	f	g	
inch	inch	inch	t	inch	inch	inch	inch	inch	inch	inch	lbs
-	7/32	7/32	3.5	23/32	5 5/16	2 15/16	5/8	3 15/16	2 3/8	9/32	3.86
9/32 - 5/16	9/32 - 5/16	9/32 - 3/8	6.5	7/8	6 11/16	3 17/32	23/32	4 23/32	2 3/4	11/32	6.42
3/8	3/8	1/2	11	1 3/32	8 9/32	4 17/32	25/32	4 23/32	2 3/4	7/16	10.5
1/2	1/2	5/8	17.5	1 13/32	10 5/8	5 29/32	31/32	5 5/16	2 15/16	1/2	21.2
-	5/8	3/4	21.2	1 1/2	11 7/32	6 5/16	1 3/16	6 11/16	3 3/4	5/8	29.5
3/4	3/4	7/8	41.6	1 31/32	11 13/16	7 7/8	1 1/2	5 29/32	3 17/32	13/16	53.9

EXCEL®

EXCEL® Omega link, grade 10

UCO





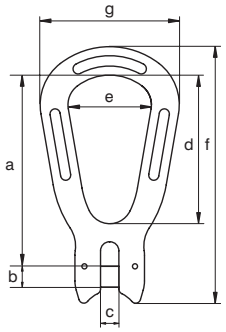
- **Material** : alloy steel, grade 10, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Finish** : painted blue
- **Certification** : 2.1 2.2 3.1 MPI [b] DGUV

for chain diameter		working load limit	width	diameter pin	width	length inside	width bow	length outside	thick-ness	width outside	width outside	thick-ness	weight each
			a	b	c	d	e	f	g	h	i	j	
mm	inch	t	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
6	7/32	1.4	14	8	7	25	20	53	13	41	28	6	0.07
	9/32	1.95	21	10	9	34	24	72	16	58	32	8	0.18
8	5/16	2.6	21	10	9	34	24	72	16	58	32	8	0.18
10	3/8	4	21	13	12	40	31	84	19	67	42	11	0.28
13	1/2	6.8	28	16	15	51	40	109	23	90	54	14	0.64
16	5/8	10.3	35	20	19	64	48	135	27	110	68	17	1.21

EXCEL®

EXCEL® Pear shaped link, grade 10

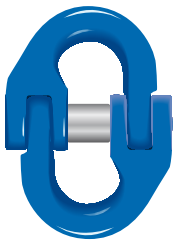
UMP



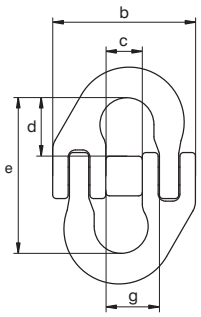
- **Material** : alloy steel, grade 10, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Finish** : painted blue
- **Certification** : 2.1 2.2 3.1 MPI [b]

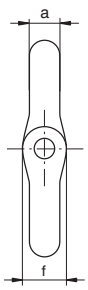
for chain diameter		working load limit	length inside	diameter pin	width	length nside	width inside	length	width outside	weight each
			a	b	c	d	e	f	g	
mm	inch	t	mm	mm	mm	mm	mm	mm	mm	kg
6	7/32	1.4	84	8	7	64	33	109	55	0.14
	9/32	1.95	88	10	9	70	40	121	69	0.28
8	5/16	2.6	88	10	9	70	40	121	69	0.28
10	3/8	4	109	13	12	86	49	151	84	0.63
13	1/2	6.8	147	16	15	116	66	200	110	1.4
16	5/8	10.3	198	20	19	154	84	262	140	2.72

EXCEL® Connecting link, grade 10



UMJ





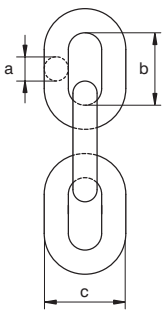
- **Material** : alloy steel, grade 10, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Finish** : painted blue
- **Certification** : 2.1 2.2 3.1 MPI [b] DGUV

for chain diameter		working load limit	diameter	width outside	width inside	length inside	length inside	diameter eye	width inside	weight each
			a	b	c	d	e	f	g	
mm	inch	t	mm	mm	mm	mm	mm	mm	mm	kg
6	7/32	1.4	8	42	11	20	52	11	15	0.09
8	5/16	2.6	9	53	14	20	55	16	19	0.18
10	3/8	4	12	66	18	23	64	18	23	0.31
13	1/2	6.8	16	83	21	32	85	24	28	0.68
16	5/8	10.3	19	103	25	40	105	28	34	1.27
20	3/4	16	23	122	33	49	128	38	42	2.27

INFO

Lifting chain, grade 10

UCHAIN



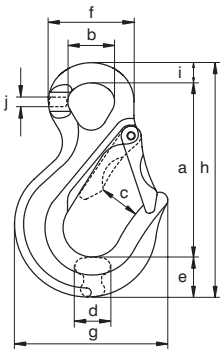
- **Material** : alloy steel, grade 10, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Finish** : painted blue
- **Certification** : 2.1 2.2 3.1 MTC [b]

diameter		working load limit	length inside	width outside	links per meter	length per drum	weight per mtr
a			b	c			
mm	inch	t	mm	mm		m	kg
6	7/32	1.4	18	22	55.56	200	0.8
8	5/16	2.5	24	30	41.67	200	1.5
10	3/8	4	30	36	33.33	200	2.3
13	1/2	6.7	39	48	25.64	100	3.9
16	5/8	10	48	58	20.83	100	5.8
20	3/4	16	60	72	16.67	50	8.9

EXCEL®

EXCEL® Eye sling hook, grade 10

UCSO



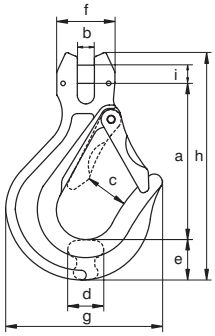
- **Material** : alloy steel, grade 10, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Finish** : painted blue
- **Certification** : 2.1 2.2 3.1 MPI b DGUV
- **Note** : from 10 t without flat part

for chain diameter		working load limit	length	diameter inside eye	width opening	thickness	width	diameter eye outside	width outside	length	width	thickness	weight each
			a	b	c	d	e	f	g	h	i	j	
mm	inch	t	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
6	7/32	1.4	84	23	26	15	20	43	72	114	10	6	0.28
8	9/32 - 5/16	2.6	103	26	30	20	24	51	87	139	12	8	0.52
10	3/8	4	128	35	33	24	29	65	106	172	15	10	1.09
13	1/2	6.8	152	41	37	32	39	77	133	209	18	12	1.94
16	5/8	10.3	190	52	44	40	44	94	165	255	21	16	3.51
20	3/4	16	237	60	61	49	62	115	208	327	28	21	7.1

EXCEL®

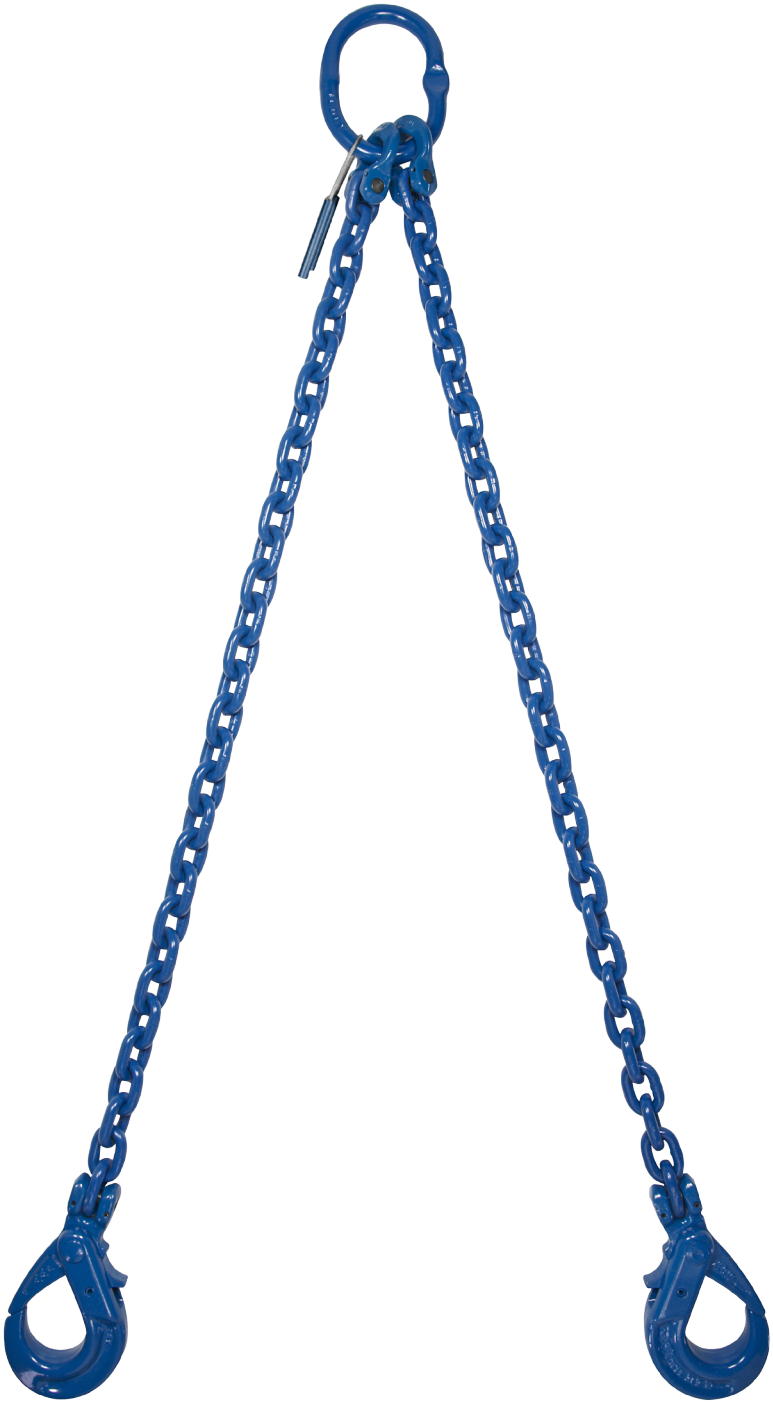
EXCEL® Clevis sling hook, grade 10

UCSC



- **Material** : alloy steel, grade 10, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Finish** : painted blue
- **Certification** : 2.1 2.2 3.1 MPI b DGUV

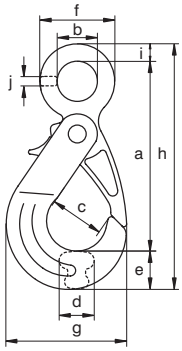
for chain diameter		working load limit	length	width	width opening	thick-ness	width	width outside	width outside	length outside	diameter pin	weight each
			a	b	c	d	e	f	g	h	i	
mm	inch	t	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
6	7/32	1.4	75	7	26	15	20	28	72	108	8	0.29
	9/32	1.95	95	9	30	20	24	32	85	133	10	0.58
8	5/16	2.6	95	9	30	20	24	32	87	136	10	0.58
10	3/8	4	113	12	33	24	29	42	106	164	13	1.11
13	1/2	6.8	138	15	37	32	39	54	133	208	16	2.12
16	5/8	10.3	161	19	44	40	44	68	165	240	20	3.78
20	3/4	16	198	22	61	49	62	82	208	305	24	7.49



EXCEL®

EXCEL® Eye self locking hook, grade 10

UXLO



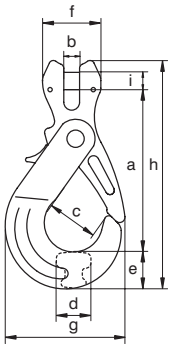
- **Material** : alloy steel, grade 10, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Finish** : painted blue
- **Certification** : 2.1 2.2 3.1 MPI b DGUV

for chain diameter		working load limit	length	diameter 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	
mm	inch	t	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
6	7/32	1.4	111	24	32	16	26	47	77	147	11	7	0.51
8	9/32 - 5/16	2.6	134	29	43	23	29	57	92	176	14	7	0.91
10	3/8	4	168	35	47	32	35	69	111	219	17	10	1.79
13	1/2	6.8	199	46	61	37	45	87	142	264	20	13	3.36
16	5/8	10.3	247	59	74	43	56	111	185	328	26	16	7
20	3/4	16	283	70	90	52	61	126	205	372	28	20	9.22

EXCEL®

EXCEL® Clevis self locking hook, grade 10

UXLC

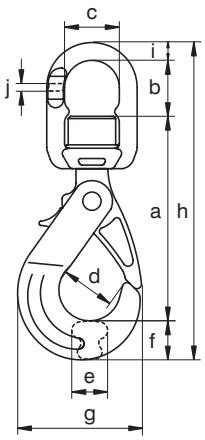


- **Material** : alloy steel, grade 10, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Finish** : painted blue
- **Certification** : 2.1 2.2 3.1 MPI b DGUV

for chain diameter		working load limit	length	width	width opening	thickness	width	width outside	width outside	length	diameter pin	weight each
			a	b	c	d	e	f	g	h	i	
mm	inch	t	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
6	7/32	1.4	92	7	32	16	26	28	77	131	8	0.49
	9/32	1.95	116	9	43	23	29	32	92	161	10	0.91
8	5/16	2.6	116	9	43	23	29	32	92	161	10	0.91
10	3/8	4	143	12	47	32	35	42	111	200	13	1.77
13	1/2	6.8	167	15	61	37	45	54	142	242	16	3.33
16	5/8	10.3	201	19	74	43	54	68	185	293	20	6.75
20	3/4	16	234	23	90	52	61	82	205	339	24	9.57

EXCEL® Swivel self locking hook, grade 10

UXLE



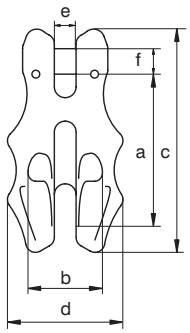
- **Material** : alloy steel, grade 10, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Finish** : painted blue
- **Certification** : 2.1 2.2 3.1 MPI [b] DGUV
- **Note** : equipped with needle roller thrust bearing

for chain diameter		working load limit	length	length inside	width inside	width opening	thick-ness	width	width outside	length	dia-meter	thick-ness	weight each
			a	b	c	d	e	f	g	h	i	j	
mm	inch	t	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
6	7/32	1.4	122	32	32	32	16	26	77	192	12	6	0.78
8	9/32 - 5/16	2.6	148	39	37	43	23	29	92	231	14	8	1.39
10	3/8	4	183	46	48	47	32	35	111	282	16	11	2.56
13	1/2	6.8	214	57	58	61	37	45	142	336	21	14	4.56
16	5/8	10.3	269	65	73	74	39	56	185	416	24	17	9.37
20	3/4	16	304	87	82	90	52	61	205	476	24	21	12.7

EXCEL®

EXCEL® Shortening clutch, grade 10

UGC

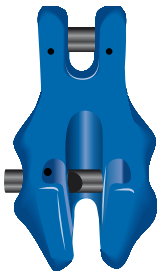


- **Material** : alloy steel, grade 10, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Finish** : painted blue
- **Certification** : 2.1 2.2 3.1 MPI [b]

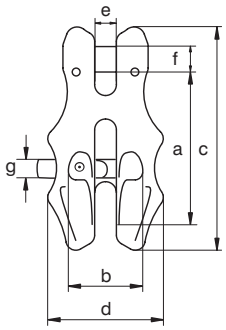
for chain diameter		working load limit	length	width inside	length	width outside	width	diameter pin	weight each
			a	b	c	d	e	f	
mm	inch	t	mm	mm	mm	mm	mm	mm	kg
6	7/32	1.4	54	22	75	42	7	8	0.23
8	5/16	2.6	69	30	94	50	9	10	0.45
10	3/8	4	79	37	116	63	12	13	0.9
13	1/2	6.8	105	48	149	79	15	16	1.8
16	5/8	10.3	129	60	185	100	19	20	3.1
20	3/4	16	146	75	215	111	23	24	4

EXCEL®

EXCEL® Shortening clutch with locking, grade 10



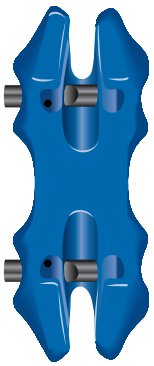
UGCV



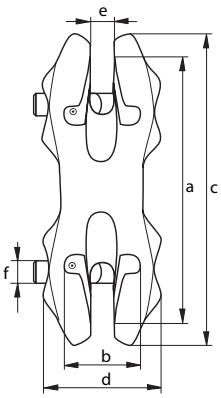
- **Material** : alloy steel, grade 10, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Finish** : painted blue
- **Certification** : 2.1 2.2 3.1 MPI [b]

for chain diameter		working load limit	length	width inside	length outside	width outside	width	diameter pin	diameter pin	weight each
			a	b	c	d	e	f	g	
mm	inch	t	mm	mm	mm	mm	mm	mm	mm	kg
6	7/32	1.4	54	22	75	42	7	8	7	0.23
8	5/16	2.6	69	30	94	50	9	10	8	0.44
10	3/8	4	79	37	116	63	12	13	12	0.76
13	1/2	6.8	105	48	149	79	15	16	16	1.67
16	5/8	10.3	129	60	185	100	19	20	20	3.1
20	3/4	16	146	75	215	111	23	24	20	4

EXCEL® Shortening clutch with double locking, grade 10



UGDV



- **Material** : alloy steel, grade 10, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Finish** : painted blue
- **Certification** : 2.1 2.2 3.1 MPI [b]

for chain diameter		working load limit	length	width inside	length	width outside	width	diameter pin	weight each
			a	b	c	d	e	f	
mm	inch	t	mm	mm	mm	mm	mm	mm	kg
6	$^{7}/_{32}$	1.4	99	23	120	42	7	7	0.49
8	$^{5}/_{16}$	2.6	112	30	140	50	9	8	0.77
13	$^{1}/_{2}$	6.7	178	49	208	79	15	16	2.85

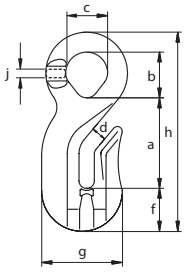
EXCEL®

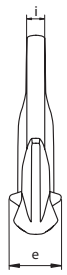
EXCEL® Eye grab hook, Grade 10

UCRO

- **Material** : alloy steel, grade 10, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Finish** : painted blue
- **Certification** : 2.1 2.2 3.1 MPI [b]

for chain diameter		working load limit	length	inside length eye	inside width eye	opening	thick-ness	width	width outside	length outside	width	thick-ness	weight each
			a	b	c	d	e	f	g	h	i	j	
mm	inch	t	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
6	7/32	1.4	41	24	23	8	24	20	42	94	9	6	0.25
8	5/16	2.6	53	27	26	10	33	23	53	115	10	8	0.45
10	3/8	4	65	38	36	12	40	29	66	146	14	10	0.91
13	1/2	6.8	83	42	41	15	56	40	88	183	16	12	1.99
16	5/8	10.3	103	44	41	18	66	43	96	211	20	20	2.49
20	3/4	16	138	64	60	24	75	50	124	280	21	21	5.8





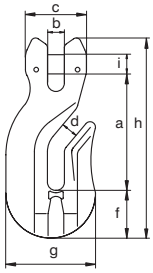
EXCEL®

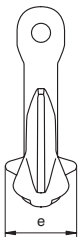
EXCEL® Clevis grab hook, grade 10

UCRC

- **Material** : alloy steel, grade 10, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Finish** : painted blue
- **Certification** : 2.1 2.2 3.1 MPI [b]

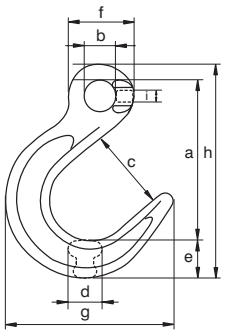
for chain diameter		working load limit	length	width	width outside	opening	thick-ness	width	width outside	length outside	diameter pin	weight each
			a	b	c	d	e	f	g	h	i	
mm	inch	t	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
6	7/32	1.4	52	7	28	7	24	19	42	86	8	0.28
8	5/16	2.6	64	9	32	10	33	23	53	104	10	0.46
10	3/8	4	75	12	42	12	40	29	66	127	13	0.91
13	1/2	6.8	103	15	54	15	56	40	88	173	16	2.17
16	5/8	10.3	127	19	68	18	65	43	96	208	20	2.81
20	3/4	16	163	23	80	24	75	50	124	258	24	5.95





EXCEL® Eye foundry hook, grade 10

UCFO

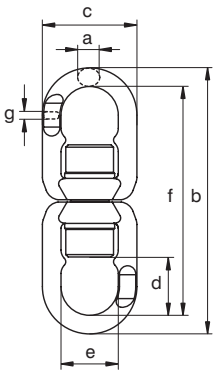


- **Material** : alloy steel, grade 10, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Finish** : painted blue
- **Certification** : 2.1 | 2.2 | 3.1 | MPI [b] | DGUV

for chain diameter		working load limit	length	diameter eye inside	width opening	thick-ness	width	diameter eye outside	width outside	length	thick-ness	weight each
			a	b	c	d	e	f	g	h	i	
mm	inch	t	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
6	7/32	1.4	93	18	48	17	22	38	97	124	6	0.33
8	9/32 - 5/16	2.6	124	25	63	22	29	50	129	165	8	0.78
10	3/8	4	157	33	80	28	36	65	161	208	10	1.5
13	1/2	6.8	190	44	96	36	46	84	198	256	13	3

EXCEL® Needle bearing swivel, Eye-Eye, grade 10

UELR

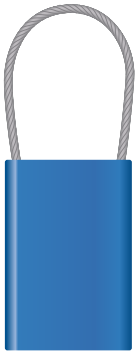


- **Material** : alloy steel, grade 10, quenched and tempered
- **Safety factor** : MBL equals 4 x WLL
- **Finish** : painted blue
- **Certification** : 2.1 | 2.2 | 3.1 | MPI [b]
- **Note** : equipped with two needle roller thrust bearings to enable rotation under load

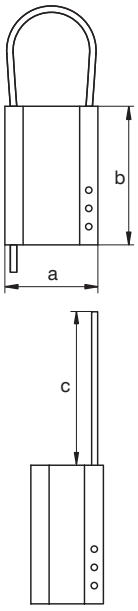
for chain diameter		working load limit	diameter	length outside	width outside	length inside	width inside	length	thick-ness	weight each
			a	b	c	d	e	f	g	
mm	inch	t	mm	mm	mm	mm	mm	mm	mm	kg
6	7/32	1.4	11	150	56	33	32	126	6	0.61
8	9/32 - 5/16	2.6	14	181	65	40	37	153	8	1.07
10	3/8	4	18	226	79	47	48	195	11	1.9
13	1/2	6.8	20	268	96	59	58	227	14	3.17
16	5/8	10.3	23	331	121	67	73	281	17	6.44
20	3/4	16	28	378	132	88	82	328	22	7.75

EXCEL® Identification tag

- **Material** : aluminium
- **Finish** : anodized blue
- **Certification** : 2.1



TAG

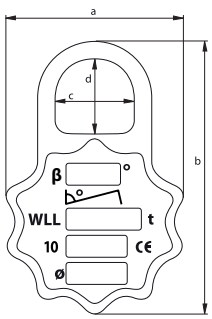


width	length	length	weight each
a	b	c	
mm	mm	mm	kg
51	76	222	0.07

EXCEL® Forged identification tag, for grade 10 slings

- **Material** : drop forged mild steel
- **Finish** : electro galvanized
- **Certification** : 2.1

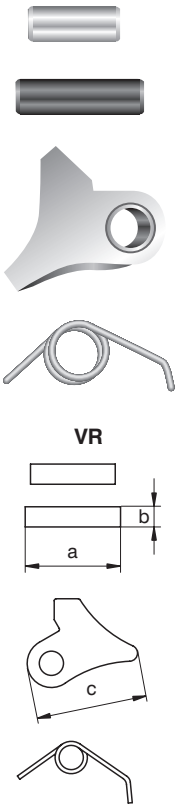
UTAGF



width	length	width inside	length inside	weight each
a	b	c	d	
mm	mm	mm	mm	kg
79	121	35	32	0.30

RFID

EXCEL® Replacement kit for self locking hooks for grade 8 and grade 10



VR

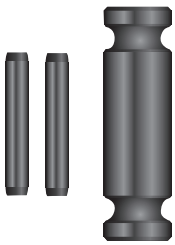
- **Material** : steel
- **Finish** : self coloured
- **Certification** : 2.1
- **Note** : plastic tube included, to make assembly easier

partnumber	length pin	diameter pin	width	weight each
	a mm	b mm	c mm	kg
VR1	22	6	28	0.02
VR2	26	6	31	0.03
VR3	32	8	37	0.05
VR4	40	10	47	0.1
VR5	55	10	58	0.2

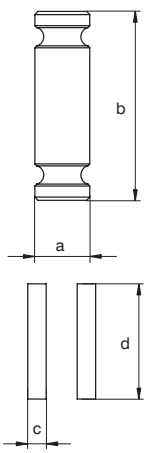
partnumber	for fitting										
	GKO	XLO	UXLO	GKC	XLC	UXLC	GKE	XLE	UXLE	XLBA	XLS
VR1	GKO1	XLO0	UXLO0	GKC1	XLC0	UXLC0	GKE1	XLE0	UXLE0	XLBA0	
VR2	GKO2	XLO1	UXLO1	GKC2	XLC1	UXLC1	GKE2	XLE1	UXLE1	XLBA1	
VR2						UXLC07					
VR3	GKO3	XLO2	UXLO2	GKC3	XLC2	UXLC2	GKE3	XLE2	UXLE2	XLBA2	XLS60
VR4	GKO4	XLO3	UXLO3	GKC4	XLC3	UXLC3	GKE4	XLE3	UXLE3	XLAB3	
VR5	GKO5	XLO4	UXLO4	GKC5	XLC4	UXLC4	GKE5	XLE4	UXLE4	XLAB4	
VR5	GKO6	XLO5	UXLO5	GKC6	XLC5	UXLC5	GKE6	XLE5	UXLE5		

INFO

EXCEL® Spare kit for clevis fittings, grade 10



UAC



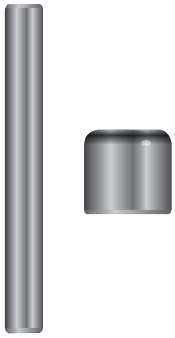
- **Material** : alloy steel, grade 10, quenched and tempered
- **Finish** : self coloured
- **Certification** : 2.1 3.1

partnumber	diameter pin	length pinRMJI	diameter pin	length pin	weight each
	a mm	b mm	c mm	d mm	kg
UAC6	8	28	3	14	0.01
UAC7	10	32	3	22	0.02
UAC8	10	32	3	22	0.02
UAC10	13	41	4	24	0.04
UAC13	16	53	4	32	0.08
UAC16	20	66	5	35	0.16
UAC20	24	80	6	45	0.28

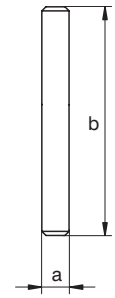
partnumber	for fitting					
	UMP	UCO	UCSC	UXLC	UGC	UGCV
UAC6	UMP6	UCO6	UCSC6	UXLC0	UGC6	UGCV6
UAC7	UMP7	UCO7	UCSC7	UXLC07		
UAC8	UMP8	UCO8	UCSC8	UXLC1	UGC8	UGCV8
UAC10	UMP10	UCO10	UCSC10	UXLC2	UGC10	UGCV10
UAC13	UMP13	UCO13	UCSC13	UXLC3	UGC13	UGCV13
UAC16	UMP16	UCO16	UCSC16	UXLC4	UGC16	UGCV16
UAC20			UCSC20	UXLC5	UGC20	UGCV20

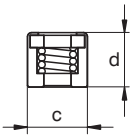
EXCEL®

EXCEL® Spare kit for connecting link, grade 10



URMJ





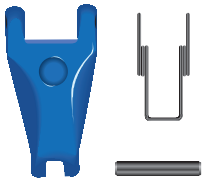
- **Material** : alloy steel, grade 10, quenched and tempered
- **Finish** : self coloured
- **Certification** : 2.1 3.1

diameter pin	length pin	diameter pin	length pin	weight each
a	b	c	d	
mm	mm	mm	mm	kg
5	43	11	10	0.01
6	54	13	14	0.02
8	66	15	18	0.02
10	84	20	21	0.05
12	105	23	25	0.1
15	122	27	32	0.15

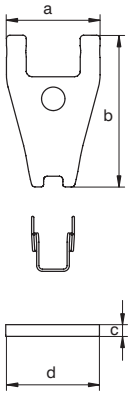
partnumber	for fitting
	UMJ
URMJ6	UMJ6
URMJ8	UMJ8
UMJ10	UMJ10
URMJ13	UMJ13
URMJ16	UMJ16
URMJ20	UMJ20

EXCEL®

EXCEL® Forged latch for grade 10



ULF



- **Material** : steel
- **Finish** : painted blue
- **Certification** : 2.1

partnumber	width	length	diameter pin	length pin	weight each
	a	b	c	d	
	mm	mm	mm	mm	kg
ULF0	24	44	4	24	0.03
ULF1	31	59	5	30	0.07
ULF2	41	65	5	40	0.11
ULF3	41	79	6	40	0.18
ULF4	46	81	6	45	0.2
ULF5	50	100	8	50	0.4

Partnumber	for fitting	
	UCSO	UCSC
ULF0	UCSO6	UCSC6
ULF1		UCSC7
ULF1	UCSO8	UCSC8
ULF2	UCSO10	UCSC10
ULF3	UCSO13	UCSC13
ULF4	UCSO16	UCSC16
ULF5	UCSO20	UCSC20