

Applications

Specially in circumstances where corrosion can cause problems, the use of stainless steel products is recommended.

Range

Van Beest offers a wide range of stainless steel items like shackles, thimbles, wire rope clips, eye bolts, rigging screws etc.

Upon special request other stainless steel items can be manufactured.

Design

Items supplied by Van Beest are all manufactured from stainless steel quality AISI 316.

All stainless steel items have an equivalent in a regular steel quality, we refer to the specific chapters for further design details.

Finish

All stainless steel items are polished.

Instructions for use

We refer to the relevant product chapters in this catalogue for details on use of a specific item.

In general, items should be inspected before use to ensure that:

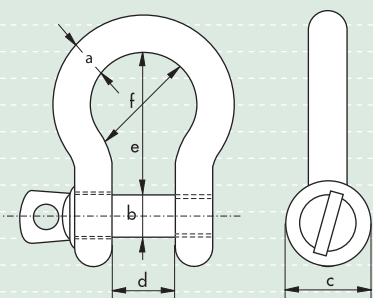
- all markings are legible;
- the item is free from nicks, gouges and cracks;
- never repair or reshape an item by welding, heating or bending as this may affect the strength.

It is required that the products are regularly inspected and that the inspection should take place 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 should take place at least every six months and even more frequently when the products are used in severe operating conditions.



R-7825



Shackles

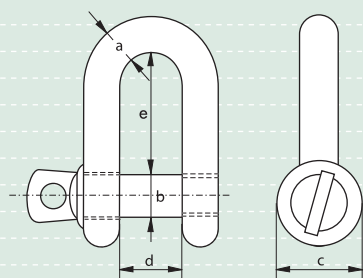
bow shackle with screw pin

- **Material** : AISI 316
- **Safety factor** : MBL equals 6 x WLL
- **Finish** : polished

working load limit	diameter bow	diameter pin	diameter eye	width inside	length inside	width bow	weight per 100 pcs
tons	a mm	b mm	c mm	d mm	e mm	f mm	kg
-	4	4	8	8	16	12	1.2
0.12	5	5	10	10	20	15	1.8
0.15	6	6	12	12	24	18	2.8
0.3	8	8	16	16	32	24	6.4
0.4	10	10	20	20	40	30	15
0.6	12	12	24	24	48	36	22
1	16	16	32	32	64	48	55
1.5	20	20	40	40	80	60	97
2	22	22	44	44	88	66	146
3	25	25	50	50	100	75	211
3.5	28	28	56	56	112	98	285
4.5	32	32	64	64	128	112	326



R-7821

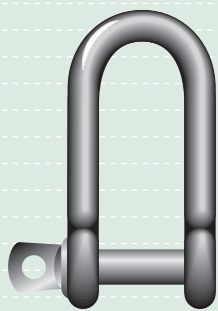


Shackles

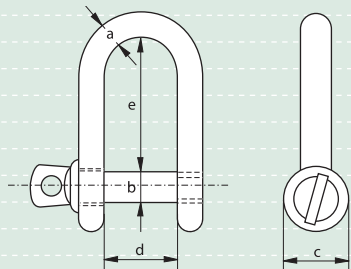
dee shackle with screw pin

- **Material** : AISI 316
- **Safety factor** : MBL equals 6 x WLL
- **Finish** : polished

working load limit	diameter bow	diameter pin	diameter eye	width inside	length inside	weight per 100 pcs
tons	a mm	b mm	c mm	d mm	e mm	kg
-	4	4	8	8	16	1.1
0.12	5	5	10	10	20	1.6
0.15	6	6	12	12	24	2.4
0.3	8	8	16	16	32	5.6
0.4	10	10	20	20	40	13
0.6	12	12	24	24	48	20
1	16	16	32	32	64	48
1.5	20	20	40	40	80	84
2	22	22	44	44	88	127
3	25	25	50	50	100	184
3.5	28	28	56	56	112	250
4.5	32	32	64	64	128	372



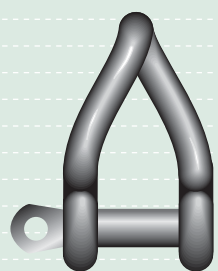
R-7829



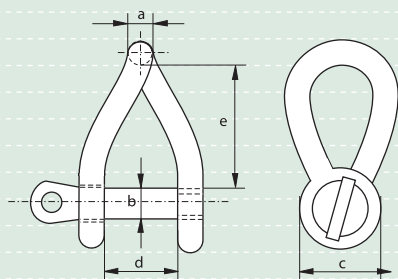
Shackles long dee type

- Material : AISI 316
- Finish : polished

diameter bow	diameter pin	diameter eye	width inside	length inside	weight per 100 pcs
a mm	b mm	c mm	d mm	e mm	kg
4	4	8	8	30	1
5	5	10	10	37	2
6	6	12	12	45	4
8	8	16	16	60	9
10	10	20	20	75	20
12	12	24	24	90	32



R-7822



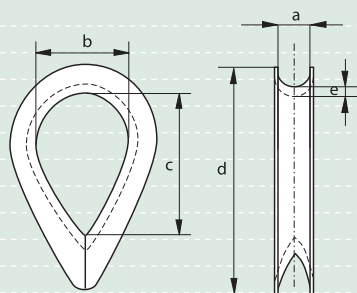
Shackles short twisted type

- Material : AISI 316
- Finish : polished

diameter bow	diameter pin	diameter eye	width inside	length inside	weight per 100 pcs
a mm	b mm	c mm	d mm	e mm	kg
5	5	10	10	36	2
6	6	12	12	42	4
8	8	16	16	56	9
10	9.5	19	20	60	11
12	12	24	24	72	32



R-7860

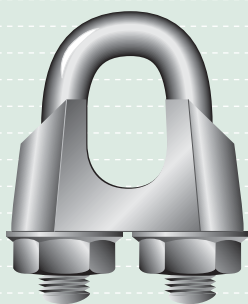


Thimbles

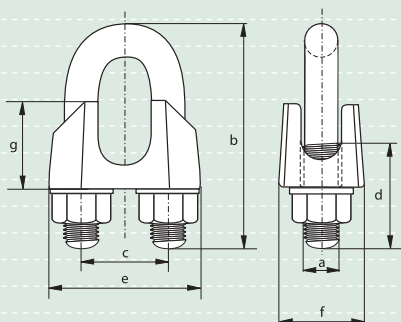
heavy type

- Material : AISI 316
- Finish : polished

width groove	width inside	length inside	length	thickness	weight per 100 pcs
a mm	b mm	c mm	d mm	e mm	kg
2	9	15	23	1	0.2
2.5	9.5	15.7	24	1	0.2
3	10	16	25	1	0.4
4	11	17	28	1	0.5
5	13	20	32	1	0.6
6	16	25	39	1.2	1
7	18	28	40	1.2	1.2
8	20	32	49	1.4	1.8
10	26	40	55	1.9	2.9
12	28	45	70	2	4.6
14	34	56	80	2.2	7.3
16	37	62	85	2.5	9.7
18	42	65	95	2.5	16.5
20	45	78	115	3	21.3
22	50	88	125	3	22.3
24	58	96	135	4	40.5
26	66	105	140	4	49.7



length R-7863

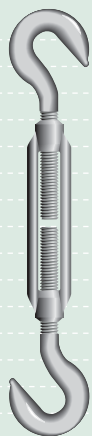


Wire rope clips

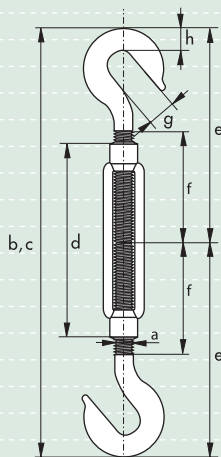
generally to DIN 741

- Material : Bridge : AISI 316
Nuts : AISI 316
U-bolt : AISI 316
- Standard : generally to DIN 741
- Finish : polished

diameter wire rope	diameter diameter	length bow	width inside	length thread	length base	thickness base	height base	weight per 100 pcs
mm	a mm	b mm	c mm	d mm	e mm	f mm	g mm	kg
3	4	20	9	12	21	10	10	1.4
5	5	24	11	13	23	11	10	1.5
6	5	28	13	15	26	12	11	2.1
8	6	34	16	19	30	14	15	4.1
10	8	42	19	22	34	18	17	6.8
13	10	55	24	30	42	23	21	13
16	12	63	29	33	50	26	26	21
19	12	75	32	38	54	29	30	28
22	14	85	37	44	61	33	34	40



R-7837

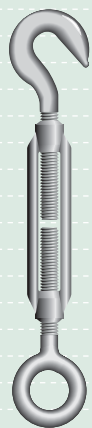


Open body rigging screws

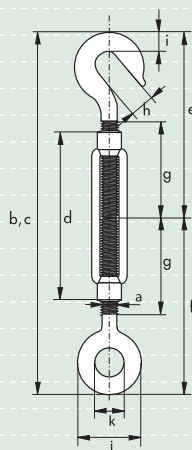
Hook - Hook

- Material : AISI 316
- Finish : polished

diameter thread	length closed position	length open position	length body	length	length	length	opening thickness hook	thickness	weight per pce
a mm	b mm	c mm	d mm	e mm	f mm	g mm	h mm	kg	
M 5	120	175	70	60	40	6	13	0.04	
M 6	184	270	110	92	55	8	15	0.1	
M 8	200	280	110	100	57	10.5	15	0.17	
M 10	234	323	125	117	68	13	11	0.26	
M 12	260	343	125	130	70	16	13	0.52	
M 16	322	438	170	161	88	20	17	1.1	
M 20	382	514	200	191	105	21	21	1.8	



R-7838

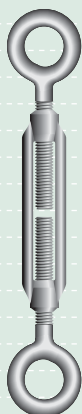


Open body rigging screws

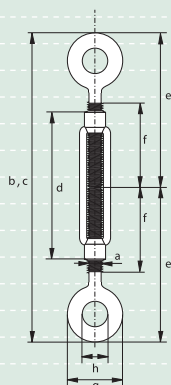
Hook - Eye

- Material : AISI 316
- Finish : polished

diameter thread	length closed position	length open position	length	length	length	length	length	opening thickness hook	thickness	outside diameter eye	inside diameter eye	weight per pce
a mm	b mm	c mm	d mm	e mm	f mm	g mm	h mm	i mm	j mm	k mm	kg	
M 5	110	165	70	55	55	40	6	13	16	7	0.04	
M 6	172	258	110	77	80	55	8	15	20	9	0.11	
M 8	184	264	110	85	84	57	10.5	15	22	10	0.2	
M 10	222	311	125	106	105	68	13	11	31	14	0.28	
M 12	241	324	125	117	111	70	16	13	35	16	0.43	
M 16	311	427	170	144	150	88	20	17	47	22	1	
M 20	358	490	200	170	167	105	21	21	52	24	1.6	



R-7839

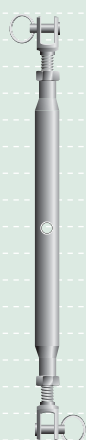


Open body rigging screws

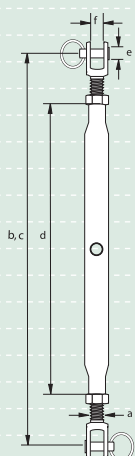
Eye - Eye

- Material : AISI 316
- Finish : polished

diameter thread	length closed position	length open position	length body	length	length	diameter eye outside	diameter eye inside	weight per pce
a mm	b mm	c mm	d mm	e mm	f mm	g mm	h mm	kg
M 5	110	165	70	55	40	16	7	0.04
M 6	160	246	110	80	55	20	9	0.11
M 8	168	248	110	84	57	22	10	0.2
M 10	210	300	125	105	68	31	14	0.28
M 12	222	305	125	110	70	35	16	0.43
M 16	300	416	170	143	88	47	22	1
M 20	334	466	200	165	105	52	24	1.6



R-7830

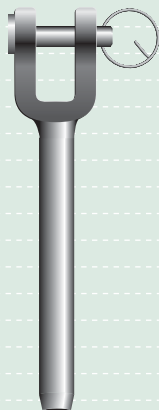


Closed body rigging screws

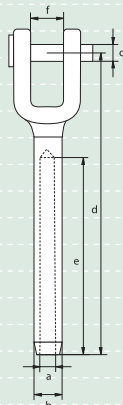
Jaw - Jaw

- Material : AISI 316
- Finish : polished

diameter thread	length open	length closed	length body	diameter pin	width jaw inside	weight per 100 pcs
a mm	b mm	c mm	d mm	e mm	f mm	kg
M 5	190	125	80	5.2	6	6.5
M 6	210	155	95	6.2	7.5	8.1
M 8	240	180	105	8.7	10	13.9
M10	270	220	125	9.7	12	25.3
M12	360	255	150	12.7	14	57.3
M14	385	270	165	12.7	14	64
M16	450	320	190	16	16	94.2
M20	450	355	210	19	20	145



R-7834



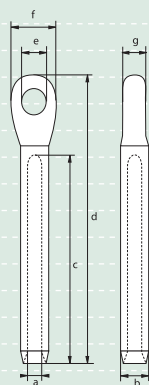
Fork terminals swage type

- Material : AISI 316
- Finish : polished

diameter wire rope	diameter inside	diameter outside	diameter pin	length	length inside	width jaw	weight per 100 pcs
mm	a mm	b mm	c mm	d mm	e mm	f mm	kg
3	3.3	6.3	5.2	65	32	7.5	2.3
4	4.3	7.5	6.2	77	40	10	4.9
5	5.3	9	8.7	88	57	12	7.2
6	6.6	12.5	9.7	106	63	14	13.9
7	7.5	14.2	12.6	116	70	14.5	18.1
8	8.3	16	14.6	145	85	16	21.6
9.5	10	17	16.5	150	87	17	48
10	10.5	17.8	16.5	150	89	17	52
12	12.5	20	19	204	105	25	67



R-7835



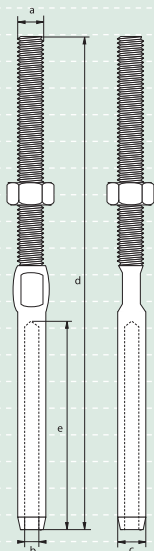
Eye terminals swage type

- Material : AISI 316
- Finish : polished

diameter wire rope	diameter inside	diameter outside	length inside	length	diameter eye inside	diameter eye outside	thickness eye	weight per 100 pcs
mm	a mm	b mm	c mm	d mm	e mm	f mm	g mm	kg
3	3.2	6.3	36	58	6.5	13	5	1.3
4	4.2	7.5	39	65	8	18	6	2.3
5	5.2	9	50	80	10	22	7	3.9



R-7836

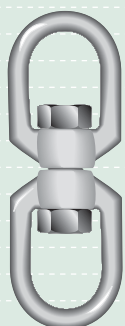


Threaded terminals

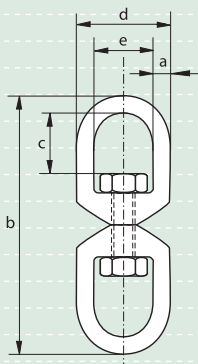
swage type

- Material : AISI 316
- Finish : polished

diameter wire rope	thread	diameter inside	diameter outside	length	length inside	weight per 100 pcs
mm	a mm	b mm	c mm	d mm	e mm	kg
3	M 6	3.3	6.3	100	39	2.7
4	M 8	4.3	7.5	117	45	5.4
5	M 10	5.3	9	130	51	7.8
6	M 12	6.3	12	162	64	15.1
8	M 16	8.3	16	195	76	23.2
10	M 20	10.3	18	230	89	59



R-7877



Swivels

Eye - Eye

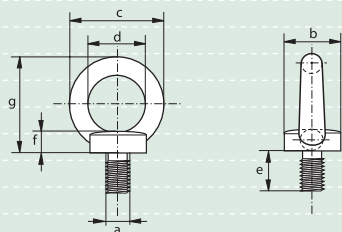
- Material : AISI 316
- Finish : polished

diameter	length	length inside	width outside	width inside	weight per 100 pcs
a mm	b mm	c mm	d mm	e mm	kg
5	60	13	23	13	3.4
6	65	15	26	15	5.1
8	90	22	35	20	13.1
10	115	27	44	24	26
13	154	35	57	32	58
16	188	45	71	39	105
19	229	50	84	41	220

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R-7840



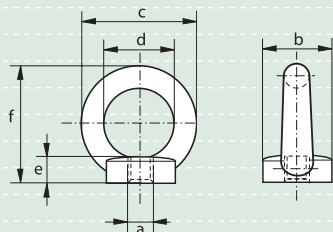
Eye bolts generally to DIN 580

- **Material** : AISI 316
- **Standard** : generally to DIN 580
- **Finish** : polished

diameter thread	diameter base	diameter eye outside	diameter eye inside	length thread	thickness base	height	weight per 100 pcs
a mm	b mm	c mm	d mm	e mm	f mm	g mm	kg
M 6	20	36	20	13	6	36	3
M 8	20	36	20	13	6	36	6
M 10	25	45	25	17	8	45	10.3
M 12	30	54	30	20.5	10	53	17.7
M 16	35	63	35	27	12	62	28



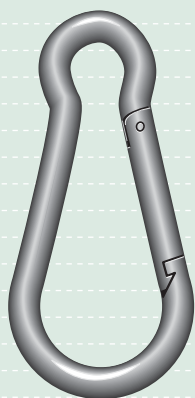
R-7842



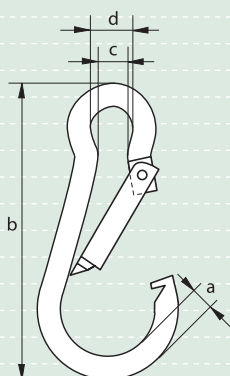
Eye nuts generally to DIN 582

- **Material** : AISI 316
- **Standard** : generally to DIN 582
- **Finish** : polished

diameter thread	diameter base	diameter eye outside	diameter eye inside	thickness base	height	weight per 100 pcs
a mm	b mm	c mm	d mm	e mm	f mm	kg
M 6	20	36	20	8.5	36	4.2
M 8	20	36	20	8.5	36	5.2
M 10	25	45	25	10	45	9.4
M 12	30	54	30	11	53	16
M 16	35	63	35	13	62	24



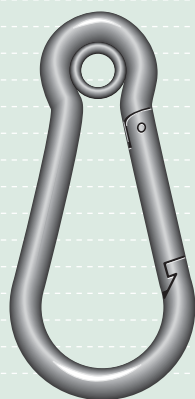
R-7872



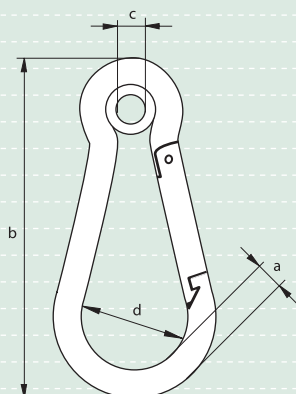
Carabine hooks standard type

- Material : AISI 316
- Finish : polished

diameter	length	width inside	width inside	minimum breaking load	weight per 100 pcs
a mm	b mm	c mm	d mm	kg	kg
4	40	5	7	70	0.6
5	50	7	8	110	0.8
6	60	7	9	132	1.6
7	70	9	10	198	2.6
8	80	11	12	330	4.4
9	90	11	12	363	6.4
10	100	12	15	506	9.3
11	120	14	18	660	12.5
12	140	16	20	748	19.5
13	160	20	22	880	25
14	180	20	22	946	35



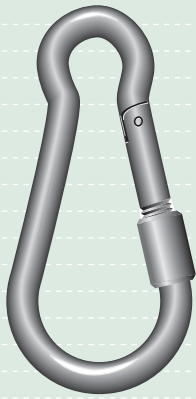
R-7875



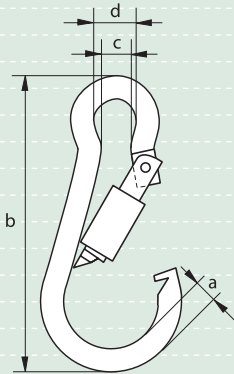
Carabine hooks with pressed thimble

- Material : AISI 316
- Finish : polished

diameter	length	diameter inside thimble	width	minimum breaking load	weight per 100 pcs
a mm	b mm	c mm	d mm	kg	kg
4	40	5	14	70	0.8
5	50	5	16	110	1.6
6	60	5	18	132	2.6
7	70	7	22	198	4.4
8	80	10	24	330	6.4
9	90	10	26	363	9.3
10	100	13	30	506	12.5
11	120	13	36	660	19.5
12	140	15	40	748	25
13	160	17	44	880	35
14	180	17	48	946	50



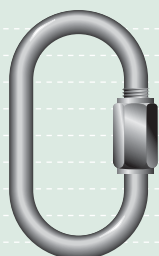
R-7876



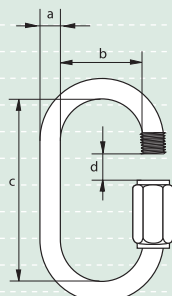
Carabine hooks with screw nut

- Material : AISI 316
- Finish : polished

diameter	length	width inside	width inside	minimum breaking load	weight per 100 pcs
a mm	b mm	c mm	d mm	kg	kg
4	40	5	7	70	0.8
5	50	7	8	110	1.6
6	60	7	9	132	2.6
7	70	9	10	198	4.4
8	80	11	12	330	6.4
9	90	11	12	363	9.3
10	100	12	15	506	12.5
11	120	14	18	660	19.5
12	140	16	20	748	25
13	160	20	22	880	35
14	180	20	22	946	50



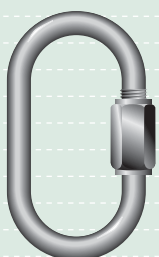
R-7873



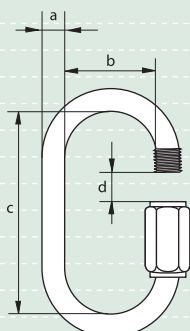
Quick links standard type

- Material : AISI 316
- Finish : polished

diameter	width inside	length inside	opening	minimum breaking load	weight per 100 pcs
a mm	b mm	c mm	d mm	kg	kg
3.5	10	29	5	155	0.9
4	12	32	5.5	450	1.3
5	13	39	6.5	585	2
6	14	46	7.5	790	3.3
7	16	51	8.5	1085	5.3
8	17	59	10.5	1380	7.5
9	17	64	11.5	1790	10.3
10	20	70	12.5	2085	13
12	23	83	14.5	2265	22.5



R-7874

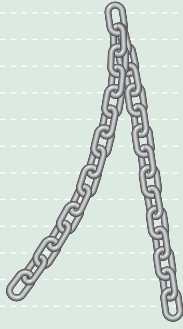


Quick links with enlarged opening

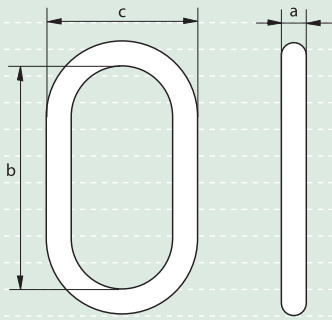
- Material : AISI 316
- Finish : polished

diameter	width inside	length inside	opening	minimum breaking load	weight per 100 pcs
a mm	b mm	c mm	d mm	kg	kg
3.5	10	30	10	155	1.2
5	14	39	14	585	2.7
6	16	46	16	790	4.4
8	18	59	18	1380	10.1
10	20	70	20	2085	17.6
12	23	83	23	2265	30.4
14	27	97	26	2540	41.5

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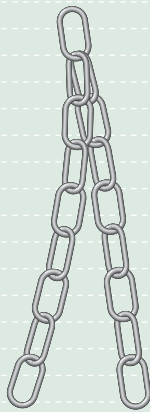
R-7880



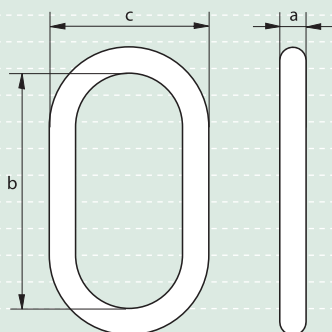
Short link chain generally to DIN 766

- Material : AISI 316
- Standard : generally to DIN 766

diameter	length inside	width outside	weight per m
a mm	b mm	c mm	kg
3	16	11	0.17
4	16	14	0.32
5	18.5	17	0.5
6	18.5	20	0.75
8	24	26	1.35
10	28	34	2.25



R-7890



Long link chain generally to DIN 763

- Material : AISI 316
- Standard : generally to DIN 763

diameter	length inside	width outside	weight per m
a mm	b mm	c mm	kg
3	26	12	0.14
4	32	16	0.27
5	36	20	0.43
6	42	24	0.63
7	48	28	0.86
8	54	32	1.1
10	66	40	1.75