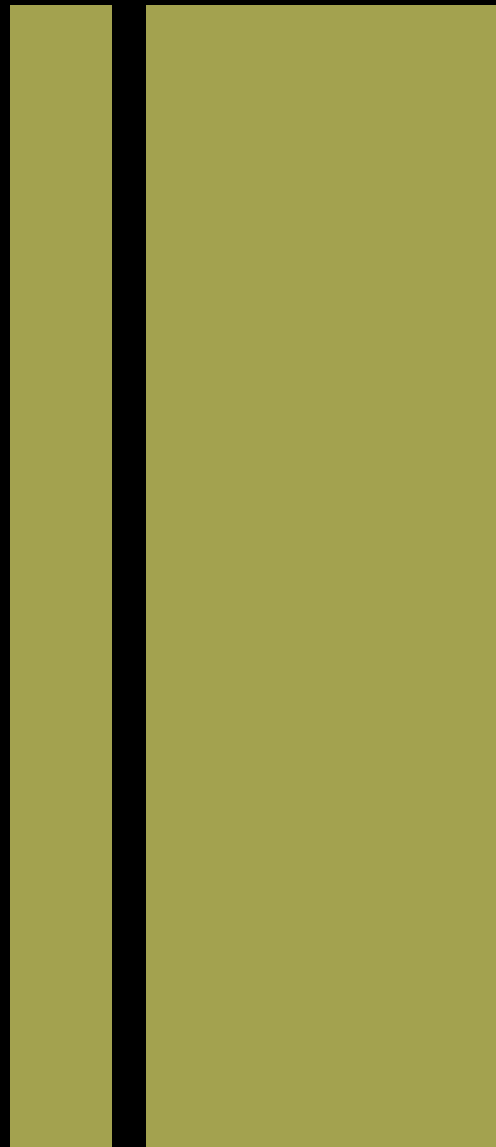


Elevator Buckets and Bolts

Quality solutions for industrial applications





Viking Conveyor has a vast range of Industrial Elevator Buckets and Bolts which are suitable for a range of applications such as aggregate, gravel, coal, gypsum, limestone, clay and concrete.

Elevator Buckets

Maxi-Tuff Elevator Buckets



The Maxi-Tuff AA centrifugal elevator bucket has the traditional shape of a cast iron bucket. This bucket has a heavy reinforced lip and comes with a thickened back wall for mounting strength. Standard spacing is projection x 2. The most common applications include handling stone, sand, gravel, coal, fertilizer, clay, salt, limestone and concrete. The Maxi-Tuff AA bucket is the best bucket for tough, abrasive industrial applications.

Features

- Reduces weight on elevator up to 80%
- Up to 25% more capacity than cast iron buckets
- Cleaner discharge
- Non-corrosive, non-sparking
- Thicker walls, heavy front digging lip
- Heat, impact and abrasion resistant



BUCKET SIZE, INCHES**				WEIGHT, LBS.			CAPACITY				
Bucket Size	Length	Proj.	Depth	(Poly) H.D.PE	Nylon	Urethane	Water level Cu.Inches	100% Gross Capacity Cu. inches X-X	Capacity Cu. Feet X-X	Standard Spacing	Carton Qty
4 x 3	4-1/4	3-1/8	3-1/8	0.18	0.20	0.24	13.40	15.90	0.008	6	24
5 x 4	5-1/4	4-1/8	4-1/8	0.44	0.51	0.60	34.80	45.20	0.020	8	24
6 x 4	6-1/4	4-1/8	4-1/8	0.49	0.56	0.69	41.50	54.30	0.024	8	24
7 x 4	7-1/4	4-1/8	4-1/8	0.56	0.65	0.78	51.30	65.30	0.030	8	24
7 x 5	7-1/8	5-1/4	5-1/4	0.82	0.93	1.14	76.60	94.60	0.044	10	24
8 x 5	8-1/8	5-1/4	5-1/4	1.02	1.17	1.40	89.70	111.70	0.052	10	28
9 x 5	9-1/8	5-1/4	5-1/4	1.02	1.17	1.41	101.30	122.00	0.059	10	28
9 x 6	9-3/8	6-1/8	6-1/8	1.23	1.45	1.72	132.40	170.90	0.077	12	42
10 x 6	10-3/8	6-1/8	6-1/8	1.39	1.54	1.88	148.30	191.60	0.086	12	35
11 x 6	11-3/8	6-1/8	6-1/8	1.43	1.63	1.99	163.50	209.30	0.095	12	35
12 x 6	12-3/8	6-1/8	6-1/8	1.95	2.21	2.62	186.10	248.10	0.108	12	16
12 x 7	12-3/8	7-1/8	7-1/8	2.21	2.47	3.00	244.10	320.40	0.141	14	12
14 x 7	14-3/8	7-1/8	7-1/8	2.57	2.91	3.50	298.40	384.40	0.173	14	12
14 x 8	14-3/8	8-1/8	8-1/8	3.64	4.12	4.93	351.50	463.80	0.204	16	12
16 x 8	16-3/8	8-1/8	8-1/8	4.12	4.62	5.58	406.40	540.10	0.235	16	10
18 x 8	18-1/8	8-1/8	8-1/8	5.52	5.24	6.09	467.40	619.40	0.271	16	10
18 x 10	18-1/8	10-1/8	10-1/8	6.83	7.80	9.40	692.60	915.30	0.401	20	7

Tiger-Tuff Industrial Buckets



The Tiger-Tuff Industrial is a maximum duty industrial elevator bucket, designed and engineered to maximize bucket life and elevated capacity. This will reduce down time and lower maintenance costs. This bucket has the thickest lip, back wall and comes to maximize bucket life and maintain capacity. Standard spacing is projection x 2. The most common applications include aggregate, sand, gravel, coal, gypsum, limestone, clay, cement and many more. The Tiger-Tuff Industrial is the maximum duty industrial bucket for your most demanding industrial application.

Benefits

- Lowers elevator maintenance
- Reduces energy usage
- Extends bucket life
- Decreases elevator down-time
- Easier to install and replace
- Reduces build-up in bottom of buckets
- Saves money versus carbon steel

Recommended but not restricted to handling these specific products

Aggregates Alumina Asphalt Bauxite Salt	Chemicals Clays Coal Cullet	Fly Ash Fullers Earth Gypsum Lime	Minerals Ores Pellets Phosphates	Sawdust Silica Sand Steel Shot Sugar	Cement Fertilizer Limestone Wood Chips
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Tiger - Tuff Industrial Buckets

BUCKET SIZE, INCHES**				CAPACITY						
Bucket Size	Length	Proj.	Depth	Nylon	Urethane	Water level Cu. Inches	100% Gross Capacity Cu. inches X-X	Capacity Cu. Feet X-X	Standard Spacing	Carton Qty
12 x 7	12-1/2	7-3/4	7	3.92	4.26	269.24	344.58	0.156	14	7
14 x 7	14-1/2	7-3/4	7	4.49	4.88	315.77	404.19	0.183	14	7
16 x 7	16-1/2	7-3/4	7	4.77	5.18	377.41	483.08	0.218	14	7
12 x 8	12-5/8	8-3/4	8-1/4	5.08	6.03	373.00	477.44	0.216	16	6
13 x 8	13-5/8	8-3/4	8-1/4	5.16	6.46	404.85	518.21	0.234	16	6
14 x 8	14-5/8	8-3/4	8-1/4	5.55	6.60	436.80	559.10	0.253	16	6
16 x 8	17	9-1/16	8-1/8	6.18	7.51	512.57	656.09	0.297	18	10
18 x 8	19	9-1/16	8-1/8	6.91	8.08	567.49	726.39	0.328	18	10
20 x 8	21	9-1/16	8-1/8	7.51	8.80	646.81	827.92	0.374	18	10
22 x 8	23	9-1/4	8-1/4	9.23	11.02	701.90	898.43	0.406	18	6
24 x 8	25	9-1/4	8-1/4	9.55	11.48	763.40	977.15	0.441	18	6
16 x 10	17	11	10	10.03	12.24	795.70	1018.50	0.461	20	6
18 x 10	19	11	10		13.58	910.00	1164.80	0.527	20	6
20 x 10	21	11	10		14.42	1032.50	1321.60	0.598	20	6

HD-Max Heavy Duty Buckets

The HD-MAX Heavy Duty elevator bucket is engineered to exceed the performance requirements of the standard bucket. This bucket is designed with thicker walls and a reinforced front lip to increase buckets with the HD-Max will create longer bucket life and less frequent replacements. Standard spacing is nominal projection + 2". The most common applications include grain, fertilizer, pellets, corn, wheat, soybeans and other agricultural applications. The HD-MAX bucket stands second only to be Tiger-Tuff in strength and thickness.

Features

- Thicker walls, heavy front lip for digging
- More capacity
- Cleaner discharge
- High impact and abrasion resistant
- Non-corrosive, non-sparking

Benefits

- Increases elevator capacity
- Corrosion proof
- Extends bucket life
- Decreases elevator down-time
- Lowers elevator maintenance



BUCKET SIZE, INCHES**					WEIGHT, LBS			CAPACITY, CU. INCHES			
Bucket Size	Length	Proj.	Depth	Backwall thickness	(Poly) H.D.P.E	Nylon	Urethane	Water level X-X	Useable 5° overX - 5°	Standard Spacing	Carton Qty
3 x 2	3-1/4	2-5/16	2-1/4	0.17	0.12	0.15	0.17	6.71	7.93	4	109
4 x 3	4-3/8	3-1/4	3	0.17	0.22	0.25	0.30	15.26	17.70	5	24
5 x 4	5-1/4	4-1/2	4	0.28	0.46	0.53	0.63	36.20	39.82	6	48
6 x 4	6-1/4	4-1/2	4	0.28	0.53	0.61	0.73	44.20	49.58	6	48
7 x 4	7-1/4	4-1/2	4	0.28	0.60	0.65	0.82	51.31	57.01	6	48
6 x 5	6-1/4	5-5/8	5	0.30	0.69	0.79	0.95	67.20	73.98	7	24
7 x 5	7-1/4	5-5/8	5	0.30	0.81	0.96	1.11	79.79	89.24	7	24
8 x 5	8-1/4	5-5/8	5	0.30	0.90	1.04	1.18	88.54	97.98	7	35
9 x 5	9-3/8	5-5/8	5	0.30	1.20	1.20	1.38	107.37	121.27	7	24
10 x 5	10-1/4	5-5/8	5	0.30	1.26	1.45	1.73	121.30	138.89	7	27
11 x 5	11-1/4	5-5/8	5	0.30	1.37	1.58	1.88	140.70	153.16	7	27
12 x 5	12-1/4	5-5/8	5	0.30	1.55	1.78	2.12	159.87	167.14	7	27
8 x 6	8-3/8	6-5/8	6	0.30	1.35	1.54	1.85	135.56	150.85	8	18
9 x 6	9-3/8	6-5/8	6	0.30	1.53	1.75	2.10	150.26	165.87	8	18
10 x 6	10-3/8	6-5/8	6	0.30	1.64	1.87	2.25	170.69	185.62	8	18
11 x 6	11-3/8	6-5/8	6	0.30	1.82	2.07	2.49	185.18	200.36	8	18
12 x 6	12-3/8	6-5/8	6	0.30	1.89	2.15	2.58	200.37	220.58	8	18
13 x 6	13-3/8	6-5/8	6	0.30	2.04	2.32	2.79	220.78	240.48	8	18
10 x 7	10-1/2	7-3/4	7-1/8	0.33	2.35	2.68	3.22	240.91	264.59	9	14
11 x 7	11-1/2	7-3/4	7-1/8	0.33	2.55	2.91	3.49	269.32	292.41	9	14
12 x 7	12-1/2	7-3/4	7-1/8	0.33	2.73	3.15	3.78	292.41	319.63	9	14
13 x 7	13-1/2	7-3/4	7-1/8	0.33	2.89	3.32	3.90	344.20	356.40	9	12
14 x 7	14-1/2	7-3/4	7-1/8	0.33	3.10	3.57	4.19	356.40	386.90	9	12
15 x 7	15-1/2	7-3/4	7-1/8	0.33	3.23	3.71	4.36	379.50	408.20	9	12
16 x 7	16-1/2	7-3/4	7-1/8	0.33	3.37	3.88	4.55	406.40	432.00	9	12
10 x 8	10-1/2	8-3/4	8	0.40	2.89	3.29	3.96	328.52	353.97	10	10
11 x 8	11-1/2	8-3/4	8	0.40	3.17	3.61	4.34	358.11	388.30	10	10
12 x 8	12-1/2	8-3/4	8	0.40	3.46	3.94	4.74	390.67	423.22	10	10
13 x 8	13-1/2	8-3/4	8	0.40	3.57	4.00	4.79	406.39	452.77	10	10
14 x 8	14-1/2	8-3/4	8	0.40	2.86	4.44	5.21	465.00	502.80	10	10
15 x 8	15-1/2	8-3/4	8	0.40	4.06	4.67	5.48	511.30	541.90	10	10
16 x 8	16-1/2	8-3/4	8	0.40	4.26	4.90	5.75	543.10	571.10	10	10
18 x 8	18-1/2	8-3/4	8	0.40	4.66	5.36	6.29	610.20	648.00	10	10

Call us **0800 845 464** to discuss your buckets and bolts requirements.



Elevator Bolts

Maxi-Lift Elevator Bolts

Viking Conveyor offers Maxi-Lift Elevator Bolts, Washers and Nuts. They exceed all industry standards for grade 2 elevator bolts

Standard

#1 Norway

- Carbon Steel
- Stainless Steel
- Zinc Plated

Sabre-Tooth

- Carbon Steel
- Stainless Steel
- Zinc Plated

Reliance

#Slotted Head

- Carbon Steel
- Zinc Plated

Standard & Sabre-Tooth Elevator Bolts

Size, Inches	Weight per 100 PCS, LBS
1/4 - 3/4	2.94
1/4 x 1	3.24
1/4 x 1-1/4	3.43
1/4 x 1-1/2	3.73
1/4 x 1-3/4	3.98
1/4 x 2	4.29
1/4 x 2-1/4	4.88
1/4 x 2-1/2	4.92
5/16 x 3/4	4.76
5/16 x 1	5.05
5/16 x 1-1/4	5.55
5/16 x 1-1/2	6.38
5/16 x 1-3/4	6.50
5/16 x 2	7.12
5/16 x 2-1/4	7.43
5/16 x 2-1/2	7.78
3/8 x 1-1/4	6.54
3/8 x 1-1/2	7.10
3/8 x 1-3/4	7.66
3/8 x 2	8.31
3/8 x 2-1/4	9.35
3/8 x 2-1/2	9.83
3/8 x 3	10.79

Reliance Elevator Bolts

Size, Inches	Weight per 100 PCS, LBS
1/4 x 3/4	2.70
1/4 x 1	2.90
1/4 x 1-1/4	3.00
1/4 x 1-1/2	3.50
5/16 x 1-1/4	4.90

Washers, Nuts & Spacers (1/4, 3/8, 5/16)

Size, Inches	Weight per 100 PCS, LBS
Hex Nut	
Flat Washer	
Lock Washer	
Standard & Large Flange Serrated lock	
Nylon Insert Lock	
Fender Washer	
Leather Washer	
Poly Spacer	
9. Neoprene	

Recommended Bucket Installation

*A locking device should be used on all elevator bucket installation.

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