ELEVATOR BUCKETS

Maxi-Lift Inc.®

AGRICULTURAL PRODUCT LINES

Products, Materials & Applications

BEST IN INDUSTRY

TIGER-TUFF, TIGER-CC
Polyethylene: Food Grade Applications

TIGER-TUFF, TIGER-CC
Nylon: Hot, Abrasive Applications

TIGER-TUFF, TIGER-CC
Urethane: Sticky, Abrasive Applications

BETTER

HD-STAX - Stackable
Polyethylene: Food Grade Applications

HD-MAX
Polyethylene: Food Grade Applications

HD-MAX
Urethane: Sticky, Abrasive Applications
Nylon: Hot, Abrasive Applications

GOOD

CC-MAX
Polyethylene: Food Grade Applications

CC-MAX
Nylon: Hot, Abrasive Applications

CC-MAX
Urethane: Sticky, Abrasive Applications

GOOD

DURA-BUKET
Polyethylene: Food Grade Applications

STANDARD DUTY STEEL CC
Fabricated Steel

STANDARD DUTY CC DIGGER
Clears Packed Materials

BELTING & ACCESSORIES

Elevator Belting
Rubber Grain, Rubber Grade 2, EPDM, PVC

Belt Splices

Elevator Bolts & Accessories

Lagging

HOW TO ORDER BUCKETS
Measuring, Style, Venting & Material Options

STEP 1. Measure Your Elevator Bucket
Most manufacturers identify part sizes by molding dimensions into the bottom of the elevator bucket.

LENGTH = 12 7/8"
The bucket length is measured at the back mounting surface. Lay the bucket on its back for actual measurement dimensions.

PROJECTION = 8 7/8"
Projection is measured vertically to the lip, as it would project from the belt or chain.

DEPTH = 8 1/4"
Depth is measured for the overall side profile dimension.

STEP 2. Select Your Bucket Style
There are two main categories of elevator buckets; agricultural and industrial. Our agricultural buckets are located on pages 12-17 and the industrial buckets are on pages 18-22. More styles are available.

TIGER-TUFF
Maximum Duty: Agricultural

TIGER-CC
Maximum Duty: Agricultural

HD-STAX
Heavy Duty Stackable: Agricultural

HD-MAX
Heavy Duty: Agricultural

CC-MAX
Heavy Duty: Agricultural

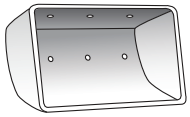
MAXI-TUFF
Heavy Duty: Industrial

STEP 3. Choose Your Bucket Material
Buckets are available in the following materials, plus ductile iron and steel for industrial applications.

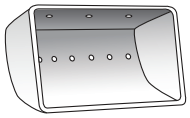
	POLYETHYLENE	NYLON	URETHANE	FDA NYLON
Color				
Application	Grain & Food Products	Hot, high impact, abrasive dense products	Heavy abrasion, sticky materials	Hot, high impact, abrasive food grade products
Temperature Range	-120° F to + 180° F (210° F Intermittent)	-60° F to + 300° F (350° F Intermittent)	-60° F to + 180° F (210° F Intermittent)	-60° F to + 300° F
FDA Approved Material	Yes	No	Yes	Yes
Comments	Economical, high density polyethylene. FDA approved material for handling food grade products.	Best for high heat applications, with tough impact and abrasion needs.	Most flexible and abrasion resistant Resists product sticking and sharp cutting particles.	Best for high heat food grade applications, with tough impact and abrasion needs.

STEP 4. Pick Your Bucket Vent Pattern *(Call for Industrial Bucket venting recommendations)*
Venting an elevator bucket aids in bucket fill and discharge with light, fluffy materials. Lightweight, fluffy materials, and those that are extremely dense or flow poorly can be difficult to handle in bucket elevators at high speeds. Because these materials tend to trap air when being handled by an elevator bucket, it is necessary to provide air relief to assist in their filling and discharge. Materials in this category might be various flours, meals, feed mash or sreenings. As these materials enter the bucket, air is released through a series of vent holes in the bottom of the bucket allowing for a more complete fill. These vent holes also allow air to re-enter the bucket, which facilitates full release of product into the discharge.
Standard hole diameter is equal to the size of the bolt mounting holes for Vent Pattern #1. All other vent patterns have 11/32 diameter holes unless otherwise requested by customer.

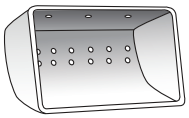
#1 VENT - Same holes in body as bolt mounting holes.



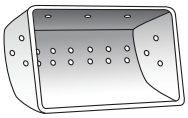
#2 VENT - One row of holes on 1-1/8"centers



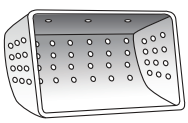
#3 VENT - Two rows of holes on 1-1/8"centers



#4 VENT - Same as #3, plus three holes in each end cap.



CUSTOM VENT - Vented as required



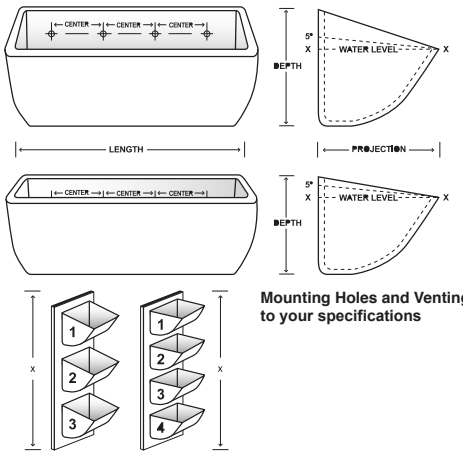
TIGER-TUFF® MAXIMUM DUTY

High Speed Centrifugal Discharge 210 - 900 FPM

TIGER-TUFF
MAXIMUM DUTY ELEVATOR BUCKETS

The **TIGER-TUFF** is the original maximum duty elevator bucket, designed and engineered to increase bucket life and reduce breakage. This will reduce down time and lower maintenance costs. The **TIGER-TUFF** bucket has the thickest lip, back wall and corners to extend the life of the bucket. The most common applications include grain, fertilizers, pellets, corn, wheat, soybeans and other agricultural and light industrial applications. This is the best bucket for high volume applications. Minimum spacing is nominal projection + 1".

The T**IGER-TUFF Low Profile** has a reduced height modification for closer vertical spacing on the belt. The low profile system allows more buckets per foot of elevator belt. When upgrading to **TIGER-TUFF Low Profile** buckets, horsepower requirements must be evaluated due to increased capacity.



Mounting Holes and Venting to your specifications

STANDARD VS LP SPACING

FEATURES & BENEFITS

- **Thicker Corners**
- **Thicker Walls, Heavy Front Lip for Digging**
- **Increases Elevator Capacity**
- **Cleaner Discharge**
- **High Impact / Abrasion Resistant**
- **Lowers Elevator Maintenance**
- **Decreases Elevator Down Time**
- **Extends Bucket Life**
- **Non-Corrosive, Non-Sparking**

BUCKET SIZE	Length		Projection		Depth		Back Wall Thickness	PUNCHING, IN.				CAPACITY, CU. IN.	
	in.	mm	in.	mm	in.	mm		Centers	# of Holes	Bolt Size	Top Down	Water Level	Usable 5 Deg.
6 x 5	6-5/8	168	5-3/4	146	5	127	0.33	4-3/8	2	1/4	1-5/8	67.20	73.98
7 x 5	7-5/8	194	5-3/4	146	5	127	0.33	2-11/16	3	1/4	1-5/8	79.72	89.24
8 x 5	8-5/8	219	5-3/4	146	5	127	0.33	3-1/16	3	1/4	1-5/8	88.54	97.98
9 x 5	9-5/8	244	5-3/4	146	5	127	0.33	3-5/8	3	1/4	1-5/8	107.37	121.27
10 x 5	10-5/8	270	5-3/4	146	5	127	0.33	4-1/8	3	1/4	1-5/8	121.30	138.89
11 x 5	11-5/8	295	5-3/4	146	5	127	0.33	3	4	1/4	1-5/8	140.70	153.16
12 x 5	12-5/8	321	5-3/4	146	5	127	0.33	3-3/8	4	1/4	1-5/8	159.87	167.14
8 x 6	8-5/8	219	6-7/8	175	6	152	0.40	3-1/16	3	1/4	1-5/8	135.56	150.85
9 x 6	9-5/8	244	6-7/8	175	6	152	0.40	3-5/8	3	1/4	1-5/8	150.26	165.87
10 x 6	10-5/8	270	6-7/8	175	6	152	0.40	4-1/8	3	1/4	1-5/8	170.69	185.62
11 x 6	11-5/8	295	6-7/8	175	6	152	0.40	3	4	1/4	1-5/8	185.18	200.36
12 x 6	12-5/8	321	6-7/8	175	6	152	0.40	3-3/8	4	1/4	1-5/8	200.37	220.58
13 x 6	13-5/8	346	6-7/8	175	6	152	0.40	3-5/8	4	1/4	1-5/8	220.78	240.48
12 x 7	12-7/8	327	7-7/8	200	7	178	0.42	3-3/8	4	5/16	2	269.24	298.12
13 x 7	13-7/8	352	7-7/8	200	7	178	0.42	3-5/8	4	5/16	2	292.51	323.22
14 x 7	14-7/8	378	7-7/8	200	7	178	0.42	3	5	5/16	2	315.77	350.58
15 x 7	15-7/8	403	7-7/8	200	7	178	0.42	3-1/4	5	5/16	2	346.64	383.38
16 x 7	16-7/8	429	7-7/8	200	7	178	0.42	2-7/8	6	5/16	2	377.41	415.14
11 x 8	11-7/8	302	8-7/8	225	8-1/4	210	0.50	3	4	5/16	2	340.02	374.70
12 x 8	12-7/8	327	8-7/8	225	8-1/4	210	0.50	3-3/8	4	5/16	2	373.00	411.05
13 x 8	13-7/8	352	8-7/8	225	8-1/4	210	0.50	3-5/8	4	5/16	2	404.85	446.15
14 x 8	14-7/8	378	8-7/8	225	8-1/4	210	0.50	3	5	5/16	2	436.80	481.35
16 x 8	17	432	9-1/4	235	8-1/4	210	0.50	2-7/8	6	5/16	2-1/2	512.57	566.39
18 x 8	19	483	9-1/4	235	8-1/4	210	0.50	3-1/8	6	5/16	2-1/2	567.49	627.08
20 x 8	21	533	9-1/4	235	8-1/4	210	0.50	3-1/2	6	5/16	2-1/2	646.81	714.73
22 x 8	23	584	9-1/4	235	8-1/4	210	0.50	4	6	5/16	2-1/2	701.90	757.40
24 x 8	25	635	9-1/4	235	8-1/4	210	0.50	3-1/2	7	5/16	2-1/2	763.40	831.08
16 x 10	17	432	11-1/4	286	10	254	0.75	2-7/8	6	5/16	2-1/2	795.70	875.37
18 x 10	19	483	11-1/4	286	10	254	0.75	3-1/8	6	5/16	2-1/2	910.00	1001.21
20 x 10	21	533	11-1/4	286	10	254	0.75	3-1/2	6	5/16	2-1/2	1032.50	1135.98

LOW PROFILE

SIZE		CAP.
Depth		Usable
in.	mm	5 Deg.
4	102	73.98
4	102	89.24
4	102	97.98
4	102	121.27
4	102	138.89
4	102	153.16
4	102	167.14
5	127	150.85
5	127	165.87
5	127	185.62
5	127	200.36
5	127	220.58
5	127	240.48
5-3/4	146	298.12
5-3/4	146	323.22
5-3/4	146	350.58
5-3/4	146	383.38
5-3/4	146	415.14
6-3/4	171	374.70
6-3/4	171	411.05
6-3/4	171	446.15
6-3/4	171	481.35
6-3/4	171	566.39
6-3/4	171	627.08
6-3/4	171	714.73
6-3/4	171	757.40
6-3/4	171	831.08
8-1/2	216	875.37
8-1/2	216	1001.21
8-1/2	216	1135.98

Disclaimer: Weights, dimensions, & capacities are estimated. Actual measurements may vary.
Some sizes are made to order. Low profle spacing is Projection minus (-) 1 inch.
- Indicates TIGER-TUFF punch pattern differs from HD-MAX.

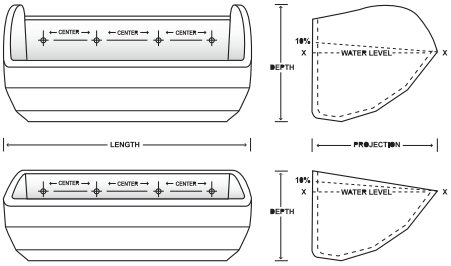
TIGER-CC® MAXIMUM DUTY

High Speed Centrifugal Discharge 210 - 900 FPM

TIGER-CC
MAXIMUM DUTY ELEVATOR BUCKETS

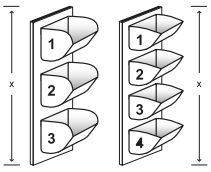
The **TIGER-CC** Maximum Duty Elevator Buckets were designed to combine the style of the traditional CC elevator bucket with the ruggedness and toughness of the **TIGER-TUFF** elevator bucket. This will increase bucket life and provide less breakage and more capacity. The most common applications include grain, fertilizers, pellets, corn, wheat, soybeans and other agricultural and light industrial applications. Minimum spacing is nominal projection + 1".

The **TIGER-CC Low Profile** Maximum Duty Elevator Bucket has a reduced height modification for closer vertical spacing on the belt. The low profile system allows more buckets per foot of elevator belt. When upgrading to **TIGER-CC Low Profile** buckets, horsepower requirements must be evaluated due to increased capacity.



FEATURES & BENEFITS

- **Traditional CC Style w/ High Sides and Breaks in the Bottom of Bucket**
- **Thicker Corners**
- **Thicker Walls, Heavy Front Lip for Digging**
- **Cleaner Discharge**
- **Impact & Abrasion Resistant**
- **Non-Corrosive, Non-Sparking**
- **Extends Bucket Life**
- **Increases Elevator Capacity**
- **Lowers Elevator Maintenance**
- **Decreases Elevator Down Time**



STANDARD VS LP SPACING

Mounting Holes and Venting to Your Specifications

BUCKET SIZE	Length		Projection		Depth		Back Wall Thickness	PUNCHING, IN.				CAPACITY, CU. IN.	
	in.	mm	in.	mm	in.	mm		Centers	# of Holes	Bolt Size	Top Down	Water Level	Water Level + 10%
10 x 7	10-7/8	276	8-1/8	206	6-7/8	174	0.50	4-1/8	3	5/16	2-3/16	8	403
11 x 7	11-7/8	301	8-1/8	206	6-7/8	174	0.50	3	4	5/16	2-3/16	8	473
12 x 7	12-7/8	327	8-1/8	206	6-7/8	174	0.50	3-3/8	4	5/16	2-3/16	8	561
13 x 7	13-7/8	352	8-1/8	206	6-7/8	174	0.50	3-5/8	4	5/16	2-3/16	8	616
14 x 7	14-7/8	377	8-1/8	206	6-7/8	174	0.50	3	5	5/16	2-3/16	8	720
15 x 7	15-7/8	403	8-1/8	206	6-7/8	174	0.50	3-1/4	5	5/16	2-3/16	8	1106
16 x 7	16-7/8	428	8-1/8	206	6-7/8	174	0.50	2-7/8	6	5/16	2-3/16	8	1161
12 x 8	12-7/8	327	9-1/4	235	8-7/8	225	0.55	3-3/8	4	5/16	2	366	403
14 x 8	14-7/8	377	9-1/4	235	8-7/8	225	0.55	3	5	5/16	2	430	473
16 x 8	16-7/8	428	9-1/4	235	8-7/8	225	0.55	2-7/8	6	5/16	2	510	561
18 x 8	18-7/8	479	9-1/4	235	8-7/8	225	0.55	3-1/8	6	5/16	2	560	616
20 x 8	20-7/8	530	9-1/4	235	8-7/8	225	0.55	3-1/2	6	5/16	2	655	720
18 x 10	19	481	11-1/2	292	10-3/8	264	0.70	3-1/8	6	3/8	2-1/4	915	1005
20 x 10	21	533	11-1/2	292	10-3/8	264	0.70	3-1/2	6	3/8	2-1/4	1005	1106
21 x 10	22	558	11-1/2	292	10-3/8	264	0.70	3-5/8	6	3/8	2-1/4	1055	1161
22 x 10	23	584	11-1/2	292	10-3/8	264	0.70	4	6	3/8	2-1/4	1105	1216
23 x 10	24	609	11-1/2	292	10-3/8	264	0.70	3-3/8	7	3/8	2-1/4	1155	1271
24 x 10	25	635	11-1/2	292	10-3/8	264	0.70	3-1/2	7	3/8	2-1/4	1206	1327
25 x 10	26	660	11-1/2	292	10-3/8	264	0.70	3-5/8	7	3/8	2-1/4	1256	1381
26 x 10	27	685	11-1/2	292	10-3/8	264	0.70	3-7/8	7	3/8	2-1/4	1306	1437
27 x 10	28	711	11-1/2	292	10-3/8	264	0.70	3-3/8	8	3/8	2-1/4	1356	1492
28 x 10	29	737	11-1/2	292	10-3/8	264	0.70	3-5/8	8	3/8	2-1/4	1400	1540

LOW PROFILE

SIZE		CAP.
Depth		Water
in.	mm	Level + 5%
5-3/4	146	384
5-3/4	146	452
5-3/4	146	536
5-3/4	146	588
5-3/4	146	688
5-3/4	146	1055
5-3/4	146	1108
6-3/4	171	384
6-3/4	171	452
6-3/4	171	536
6-3/4	171	588
6-3/4	171	688
8-3/4	222	960
8-3/4	222	1055
8-3/4	222	1108
8-3/4	222	1160
8-3/4	222	1213
8-3/4	222	1266
8-3/4	222	1318
8-3/4	222	1371
8-3/4	222	1424
8-3/4	222	1470

Disclaimer: Weights, dimensions, & capacities are estimated. Actual measurements may vary.
Some sizes are made to order. Low profle spacing is Projection minus (-) 1 inch.

■ - Available upon request - extended lead time required

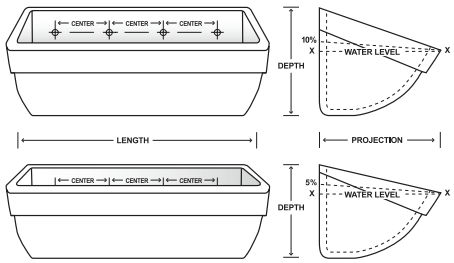
HD-STAX® STACKABLE

High Speed Centrifugal Discharge 210-900 FPM

HD-STAX
STACKABLE HEAVY DUTY BUCKETS

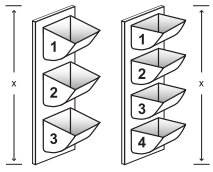
The **HD-STAX** is a patented **stackable** elevator bucket, designed to give long life, more capacity, better reliability, and will optimize your shipping and storing costs. Designed to stack (nest) together, the **HD-STAX** gives you up to 3 times more buckets per box, skid and container. The **HD-STAX** bucket simply slides together to provide more savings in storage and shipping costs.

The **HD-STAX** also features a thicker, heavier wear lip, molded across the front and sides of the bucket, for a tougher, stronger and longer lasting design. The wear lip is thicker in the corners to give you sustainable life when digging in tough agricultural applications.



FEATURES & BENEFITS

- **3 Sided Reinforced Front Lip for Digging, Longer Life, More Reliability**
- **Stackable: Efficient Shipping, Reduced Storage**
- **High Impact & Abrasion Resistant**
- **Non-Corrosive, Non-Sparking**
- **Extends Bucket Life**
- **Increases Elevator Capacity**
- **Cleaner Discharge**
- **Lowers Elevator Maintenance**
- **Decreases Elevator Down Time**



STANDARD VS LOW PROFILE SPACING

Mounting Holes and Venting to Your Specifications

BUCKET SIZE	Length		Projection		Depth		Back Wall Thickness	PUNCHING, IN.				CAPACITY, CU. IN.	
BUCKET SIZE	in.	mm	in.	mm	in.	mm		Centers	# of Holes	Bolt Size	Top Down	Water Level	Useable + 10%
4 x 3	4-1/4	108	3-5/8	92	2-7/8	73	0.25	2-1/4	2	1/4	7/8	16	18
5 x 4	5-5/8	143	4-5/8	118	4	102	0.32	3-3/16	2	1/4	1-1/8	38	42
6 x 4	6-5/8	168	4-5/8	118	4	102	0.32	4-3/8	2	1/4	1-1/8	46	51
7 x 4	7-5/8	194	4-5/8	118	4	102	0.32	2-5/8	3	1/4	1-1/8	52	57
6 x 5	6-3/4	172	5-3/4	146	5	127	0.35	4-3/8	2	1/4	1-5/8	72	79
7 x 5	7-3/4	197	5-3/4	146	5	127	0.35	2-5/8	3	1/4	1-5/8	85	94
8 x 5	8-3/4	222	5-3/4	146	5	127	0.35	3-1/16	3	1/4	1-5/8	103	113
9 x 5	9-3/4	248	5-3/4	146	5	127	0.35	3-1/2	3	1/4	1-5/8	110	121
8 x 6	8-11/16	221	6-7/8	175	6-1/8	156	0.36	3-1/16	3	1/4	1-5/8	140	154
9 x 6	9-11/16	246	6-7/8	175	6-1/8	156	0.36	3-1/2	3	1/4	1-5/8	158	174
10 x 6	10-11/16	271	6-7/8	175	6-1/8	156	0.36	4	3	1/4	1-5/8	176	194
11 x 6	11-11/16	297	6-7/8	175	6-1/8	156	0.36	3	4	1/4	1-5/8	194	213
12 x 6	12-11/16	322	6-7/8	175	6-1/8	156	0.36	3-3/8	4	1/4	1-5/8	212	233
13 x 6	13-11/16	348	6-7/8	175	6-1/8	156	0.36	3-5/8	4	1/4	1-5/8	230	253
10 x 7	10-15/16	278	7-15/16	202	7-1/8	181	0.38	4	3	5/16	1-7/8	246	271
11 x 7	11-15/16	303	7-15/16	202	7-1/8	181	0.38	3	4	5/16	1-7/8	272	299
12 x 7	12-15/16	329	7-15/16	202	7-1/8	181	0.38	3-3/8	4	5/16	1-7/8	296	326
13 x 7	13-15/16	354	7-15/16	202	7-1/8	181	0.38	3-5/8	4	5/16	1-7/8	320	352
14 x 7	14-15/16	379	7-15/16	202	7-1/8	181	0.38	3	5	5/16	1-7/8	345	380
16 x 7	16-15/16	430	7-15/16	202	7-1/8	181	0.38	3-1/2	5	5/16	1-7/8	400	440
12 x 8	13-1/8	333	8-15/16	227	8-1/8	206	0.40	3-3/8	4	5/16	2	395	435
14 x 8	15-1/8	384	8-15/16	227	8-1/8	206	0.40	3	5	5/16	2	470	517
16 x 8	16-1/8	435	8-15/16	227	8-1/8	206	0.40	3-1/2	5	5/16	2	550	605
18 x 8	19-1/8	486	8-15/16	227	8-1/8	206	0.40	3-1/8	6	5/16	2	615	677

LOW PROFILE

SIZE		CAP.
Depth		Useable
in.	mm	+ 5%
2-3/4	70	17
3-1/2	89	40
3-1/2	89	48
3-1/2	89	55
4	102	76
4	102	89
4	102	108
4	102	116
4-7/8	124	147
4-78	124	166
4-7/8	124	185
4-7/8	124	204
4-7/8	124	223
4-7/8	124	242
6	152	258
6	152	286
6	152	311
6	152	336
6	152	362
6	152	420
6-3/4	171	415
6-3/4	171	494
6-3/4	171	578
6-3/4	171	646

Disclaimer: Weights, dimensions, & capacities are estimated. Actual measurements may vary.
Some sizes are made to order. Low profile spacing is Projection minus (-) 1 inch. Special punching available upon request.
■ - Indicates HD-STAX punch pattern differs from TIGER-TUFF & CC-MAX.

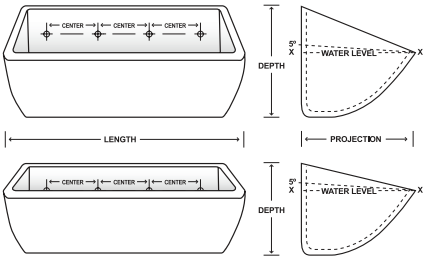
HD-MAX® HEAVY DUTY

High Speed Centrifugal Discharge 210 - 900 FPM

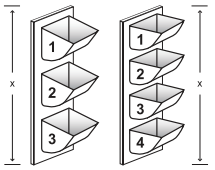
HD-MAX HEAVY DUTY BUCKETS®

The **HD-MAX Heavy Duty** elevator bucket is engineered to exceed the performance requirements of a standard bucket. This bucket is designed with thicker walls and a reinforced front lip to increase bucket life and reduce breakage. Replacing existing standard duty buckets with the **HD-MAX** will create longer bucket life and less frequent replacements. Minimum spacing is nominal projection +1". The most common applications include grain, fertilizer, pellets, corn, wheat, soybeans and other agricultural applications.

The **HD-MAX Low Profile** bucket has a reduced height modification for closer vertical spacing on the belt. The low profile system allows more buckets per foot of elevator belt. When upgrading to **HD-MAX Heavy Duty Low Profile** buckets, horsepower requirements must be evaluated due to increased capacity.



Mounting Holes and Venting to Your Specifications



STANDARD VS LOW PROFILE SPACING

FEATURES & BENEFITS

- **Thicker Walls, Heavy Front Lip for Digging**
- **High Impact & Abrasion Resistant**
- **Non-Corrosive, Non-Sparking**
- **Extends Bucket Life**
- **Increases Elevator Capacity**
- **Cleaner Discharge**
- **Lowers Elevator Maintenance**
- **Decreases Elevator Down Time**

LOW PROFILE

BUCKET SIZE	Length		Projection		Depth		Back Wall Thickness	Centers	# of Holes	Bolt Size	Top Down	Water Level	Usable 5 Deg.	SIZE Depth		CAP. Useable 5 Deg.
	in.	mm	in.	mm	in.	mm								in.	mm	
3 x 2	3-1/4	83	2-5/16	59	2-1/4	57	0.17	1-3/4	2	1/4	7/8	6.71	7.93	2-1/4	57	7.93
4 x 3	4-3/8	111	3-1/4	83	3	76	0.17	2-1/4	2	1/4	7/8	15.26	17.70	2-3/4	70	17.70
5 x 4	5-1/4	133	4-1/2	114	4	102	0.30	3-3/16	2	1/4	1-1/8	36.20	39.82	3-1/4	83	39.82
6 x 4	6-1/4	159	4-1/2	114	4	102	0.30	4-3/8	2	1/4	1-1/8	44.20	49.58	3-1/2	89	49.58
7 x 4	7-1/4	184	4-1/2	114	4	102	0.30	2-5/8	3	1/4	1-1/8	51.31	57.01	3-1/2	89	57.01
6 x 5	6-3/8	162	5-5/8	143	5	127	0.30	4-3/8	2	1/4	1-5/8	67.20	73.98	4	102	73.98
7 x 5	7-3/8	187	5-5/8	143	5	127	0.30	2-5/8	3	1/4	1-5/8	79.72	89.24	4	102	89.24
8 x 5	8-3/8	213	5-5/8	143	5	127	0.30	3-1/16	3	1/4	1-5/8	102.85	115.85	4	102	115.85
9 x 5	9-3/8	238	5-5/8	143	5	127	0.30	3-1/2	3	1/4	1-5/8	107.37	121.27	4	102	121.27
10 x 5	10-1/4	260	5-5/8	143	5	127	0.30	4	3	1/4	1-5/8	121.30	138.89	4-1/2	114	138.89
11 x 5	11-1/4	286	5-5/8	143	5	127	0.30	3-1/8	4	1/4	1-5/8	140.70	153.16	4-1/2	114	153.16
12 x 5	12-1/4	311	5-5/8	143	5	127	0.30	3-3/8	4	1/4	1-5/8	159.87	167.14	4-1/2	114	167.14
8 x 6	8-3/8	213	6-5/8	168	6	152	0.30	3-1/16	3	1/4	1-5/8	135.56	150.85	5	127	150.85
9 x 6	9-3/8	238	6-5/8	168	6	152	0.30	3-1/2	3	1/4	1-5/8	150.26	165.87	5	127	165.87
10 x 6	10-3/8	264	6-5/8	168	6	152	0.30	4	3	1/4	1-5/8	170.69	185.62	5	127	185.62
11 x 6	11-3/8	289	6-5/8	168	6	152	0.30	3	4	1/4	1-5/8	185.18	200.36	5	127	200.36
12 x 6	12-3/8	314	6-5/8	168	6	152	0.30	3-3/8	4	1/4	1-5/8	200.37	220.58	5	127	220.58
13 x 6	13-3/8	340	6-5/8	168	6	152	0.30	3-5/8	4	1/4	1-5/8	220.78	240.48	5	127	240.48
10 x 7	10-1/2	267	7-3/4	197	7-1/8	181	0.33	4	3	5/16	1-7/8	240.91	264.59	6	152	264.59
11 x 7	11-1/2	292	7-3/4	197	7-1/8	181	0.33	3	4	5/16	1-7/8	269.32	292.41	6	152	292.41
12 x 7	12-1/2	318	7-3/4	197	7-1/8	181	0.33	3-3/8	4	5/16	1-7/8	292.41	319.63	6	152	319.63
13 x 7	13-1/2	343	7-3/4	197	7-1/8	181	0.33	3-5/8	4	5/16	1-7/8	344.20	356.40	6	152	356.40
14 x 7	14-1/2	368	7-3/4	197	7-1/8	181	0.33	3	5	5/16	1-7/8	356.40	389.90	6	152	389.90
15 x 7	15-1/2	394	7-3/4	197	7-1/8	181	0.33	3-1/4	5	5/16	1-7/8	379.50	408.20	6	152	408.20
16 x 7	16-1/2	419	7-3/4	197	7-1/8	181	0.33	3-1/2	5	5/16	1-7/8	406.40	432.00	6	152	432.00
10 x 8	10-1/2	267	8-3/4	222	8	203	0.40	4-1/8	3	5/16	2	328.52	353.97	6	152	353.97
11 x 8	11-1/2	292	8-3/4	222	8	203	0.40	3-1/8	4	5/16	2	358.11	388.30	6-3/4	171	388.30
12 x 8	12-1/2	318	8-3/4	222	8	203	0.40	3-3/8	4	5/16	2	390.67	423.22	6-3/4	171	423.22
14 x 8	14-1/2	368	8-3/4	222	8	203	0.40	3	5	5/16	2	465.00	502.80	6-3/4	171	502.80
15 x 8	15-1/2	394	8-3/4	222	8	203	0.40	3-1/4	5	5/16	2	511.30	541.90	6-3/4	171	541.90
16 x 8	16-1/2	419	8-3/4	222	8	203	0.40	3-1/2	5	5/16	2	543.10	571.10	6-3/4	171	571.10
18 x 8	18-1/2	470	8-3/4	222	8	203	0.40	3-1/8	6	5/16	2	610.20	648.00	6-3/4	171	648.00

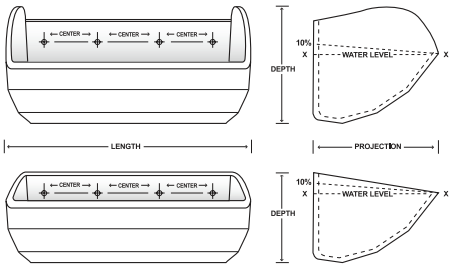
Disclaimer: Weights, dimensions, & capacities are estimated. Actual measurements may vary.
Some sizes are made to order. Low profile spacing is Projection minus (-) 1 inch.
- Indicates HD-MAX punch pattern differs from TIGER-TUFF & CC-MAX.

CC-MAX® HEAVY DUTY

High Speed Centrifugal Discharge 210 - 900 FPM

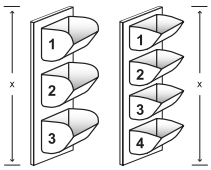
The **CC-MAX Heavy Duty** elevator bucket is a grade above older CC style buckets. It has the traditional shape, fill and discharge characteristics, with the thicker wear surfaces our buckets are famous for. The result is longer life and greater performance. **CC-MAX** buckets are direct replacements for CC and other standard bucket styles. Minimum spacing is nominal projection +1". The most common applications include grain, fertilizer, pellets, corn, wheat, soybeans and other agricultural applications.

The **CC-MAX Low-Profile** bucket has a reduced height modification for closer vertical spacing on the belt. The low profile system allows more buckets per foot of elevator belt. When upgrading to **CC-MAX Heavy Duty Low Profile** buckets, horsepower requirements must be evaluated due to increased capacity



FEATURES & BENEFITS

- **Thicker Lip - Up to 20%**
- **Thicker Corners - Up to 20%**
- **More Capacity - Up to 5%**
- **Clean Discharge**
- **High Impact / Abrasion Resistant**
- **Non-Corrosive, Non-Sparking**
- **Longer Bucket Life**
- **Increase / Maintain Capacity Longer**
- **Decreases Elevator Down-Time**
- **Resists Hang-Ups**



STANDARD VS LP SPACING

Mounting Holes and Venting to Your Specifications

BUCKET SIZE	Length in.	Length mm	Projection in.	Projection mm	Depth in.	Depth mm	Back Wall Thickness	Centers	# of Holes	Bolt Size	Top Down	Water Level	Water Level + 10%
5 x 4	5-1/2	140	4-1/2	114	4-1/4	108	0.21	3-3/16	2	1/4	1-7/16	38.30	42.13
6 x 4	6-1/2	165	4-1/2	114	4-1/4	108	0.21	4-3/8	2	1/4	1-7/16	45.38	49.92
7 x 4	7-1/2	191	4-1/2	114	4-1/4	108	0.21	2-11/16	3	1/4	1-7/16	52.10	57.31
6 x 5	6-1/2	165	5-1/2	140	5	127	0.26	4-3/8	2	1/4	1-11/16	70.87	77.96
7 x 5	7-1/2	191	5-1/2	140	5	127	0.26	2-11/16	3	1/4	1-11/16	80.75	88.83
8 x 5	8-1/2	216	5-1/2	140	5	127	0.26	3-1/16	3	1/4	1-11/16	90.85	99.94
9 x 5	9-1/2	241	5-1/2	140	5	127	0.26	3-5/8	3	1/4	1-11/16	100.99	111.09
10 x 5	10-1/2	267	5-1/2	140	5	127	0.26	4-1/8	3	1/4	1-11/16	114.22	125.64
11 x 5	11-1/2	292	5-1/2	140	5	127	0.26	3	4	1/4	1-11/16	127.44	140.18
8 x 6	8-1/16	205	6-5/8	168	6	152	0.27	3-1/16	3	1/4	2	136.00	149.60
9 x 6	9-9/16	243	6-5/8	168	6	152	0.27	3-5/8	3	1/4	2	149.19	164.11
10 x 6	10-9/16	268	6-5/8	168	6	152	0.27	4-1/8	3	1/4	2	166.89	183.58
11 x 6	11-9/16	294	6-5/8	168	6	152	0.27	3	4	1/4	2	180.62	198.68
12 x 6	12-9/16	319	6-5/8	168	6	152	0.27	3-3/8	4	1/4	2	200.76	220.83
13 x 6	13-1/16	332	6-5/8	168	6	152	0.27	3-5/8	4	1/4	2	215.00	236.50
10 x 7	10-9/16	268	7-7/8	200	7	178	0.32	4-1/8	3	5/16	2-3/16	236.00	259.60
11 x 7	11-9/16	294	7-7/8	200	7	178	0.32	3	4	5/16	2-3/16	247.74	272.52
12 x 7	12-9/16	319	7-7/8	200	7	178	0.32	3-3/8	4	5/16	2-3/16	267.27	293.99
13 x 7	13-9/16	344	7-7/8	200	7	178	0.32	3-5/8	4	5/16	2-3/16	284.60	316.93
14 x 7	14-9/16	370	7-7/8	200	7	178	0.32	3	5	5/16	2-3/16	303.57	333.93
15 x 7	15-9/16	395	7-7/8	200	7	178	0.35	3-1/4	5	5/16	2-3/16	335.00	368.50
16 x 7	16-9/16	421	7-7/8	200	7	178	0.35	2-7/8	6	5/16	2-3/16	350.87	385.95
12 x 8	12-9/16	319	8-7/8	225	8-1/4	210	0.35	3-3/8	4	5/16	2	373.00	409.00
13 x 8	13-9/16	344	8-7/8	225	8-1/4	210	0.35	3-5/8	4	5/16	2	404.00	440.00
14 x 8	14-9/16	370	8-7/8	225	8-1/4	210	0.35	3	5	5/16	2	435.07	478.58
16 x 8	16-9/16	421	8-7/8	225	8-1/4	210	0.38	2-7/8	6	5/16	2	515.62	567.18
18 x 8	18-9/16	471	8-7/8	225	8-1/4	210	0.39	3-1/8	6	5/16	2	580.61	638.67
20 x 8	20-9/16	497	8-7/8	225	8-1/4	210	0.42	3-1/2	6	5/16	2	655.00	720.00

LOW PROFILE

SIZE Depth in.	SIZE Depth mm	CAP. Useable 5 %
2-3/4	70	40.22
2-3/4	70	47.65
2-3/4	70	54.70
3-3/4	95	74.41
3-3/4	95	84.79
3-3/4	95	95.39
3-3/4	95	106.04
3-3/4	95	119.93
3-3/4	95	133.81
4-3/4	121	142.00
4-3/4	121	156.65
4-3/4	121	175.23
4-3/4	121	189.65
4-3/4	121	210.79
4-3/4	121	225.75
5-3/4	146	247.80
5-3/4	146	260.13
5-3/4	146	280.63
5-3/4	146	302.53
5-3/4	146	318.75
5-3/4	146	351.75
5-3/4	146	368.41
6-3/4	171	391.65
6-3/4	171	424.20
6-3/4	171	456.83
6-3/4	171	541.40
6-3/4	171	609.64
6-3/4	171	688.00

Disclaimer: Weights, dimensions, & capacities are estimated. Actual measurements may vary.
Some sizes are made to order. Low profile spacing is Projection minus (-) 1 inch.
■ - Indicates CC-MAX punch pattern differs from HD-MAX.

DURA-BUKET® SS

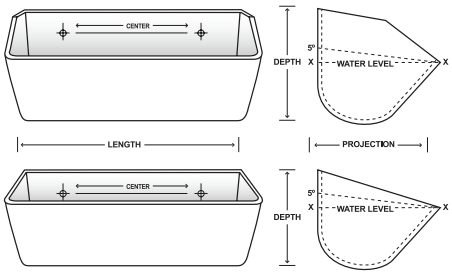
High Speed Centrifugal Discharge 220 - 900 FPM

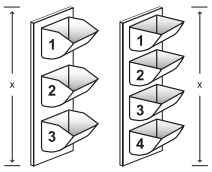
Dura-Buket®

The Original Elevator Bucket

The **SS** or **SUPER STRENGTH DURA-BUKET** is the original plastic elevator bucket. The SUPER STRENGTH elevator bucket has been running for over 60 years. It is designed at a 45-degree discharge angle and can be spaced closer on a belt giving a clean superior discharge. This bucket is lightweight and tapered for easy shipping and storage. Standard spacing is nominal projection + 1". The most common applications include grain, wheat, corn, flour, sugar and other agricultural applications. The SS has the most versatile design of any grain bucket and performs well in a broad range of speeds and applications.

DURA-BUKET Low Profile or **LP** buckets have a reduced height modification for closer vertical spacing on the belt. The low profile system allows more buckets per foot of elevator belt. When upgrading to Low Profile buckets horsepower requirements must be evaluated due to increased capacity.





STANDARD VS LP SPACING

Mounting Holes and Venting to Your Specifications

FEATURES & BENEFITS

- **Lightweight**
- **Shape Memory**
- **Cleaner Discharge**
- **Tapered End Cap Design**
- **Non-Corrosive, Non-Sparking**
- **Resists Hang-Ups**

BUCKET SIZE	Length		Projection		Depth		PUNCHING, IN.				CAPACITY, CU. IN.		LOW PROFILE SIZE		LOW PROFILE CAP.
	in.	mm	in.	mm	in.	mm	Centers	# of Holes	Bolt Size	Top Down	Water Level	Useable 5 Deg.	Depth in.	Depth mm	Useable 5 Deg.
4 x 3	4-1/4	108	3-1/8	79	3	76	2-1/4	2	1/4	1	10.4	11.0	3	76	11.0
5 x 4	5-1/4	133	4-1/8	105	3-3/4	95	3-3/16	2	1/4	1	24.4	29.9	3	76	29.9
6 x 4	6-1/4	159	4-1/8	105	3-3/4	95	4-3/8	2	1/4	1	30.8	33.1	3	76	33.1
7 x 4	7-1/4	184	4-1/8	105	3-3/4	95	2-11/16	3	1/4	1	33.6	36.7	3	76	36.7
6 x 5	6-3/8	162	5-1/4	133	4-7/8	124	4-3/8	2	1/4	1-1/4	47.1	52.0	3-3/4	95	52.0
7 x 5 +	7-3/8	187	5-1/4	133	4-7/8	124	2-5/8	3	1/4	1-1/4	61.6	62.4	3-3/4	95	62.4
8 x 5	8-3/8	213	5-1/4	133	4-7/8	124	3-1/16	3	1/4	1-1/4	67.7	69.8	3-3/4	95	69.8
9 x 5	9-3/8	238	5-1/4	133	4-7/8	124	3-1/4	3	1/4	1-1/4	69.6	77.1	3-3/4	95	77.1
8 x 6	8-3/8	213	6-3/8	162	6-1/4	159	3-1/16	3	1/4	1-1/4	104.4	107.7	4-1/2	114	107.7
9 x 6 +	9-3/8	238	6-5/8	162	6-1/4	159	3-1/2	3	1/4	1-1/4	124.5	132.2	4-1/2	114	132.2
10 x 6	10-3/8	264	6-3/8	162	6-1/4	159	4	3	1/4	1-3/4	128.2	145.8	4-1/2	114	145.8
11 x 6	11-3/8	289	6-3/8	162	6-1/4	159	3	4	1/4	1-3/4	147.7	157.9	4-1/2	114	157.9
12 x 6** +	12-3/8	314	6-3/4	171	6-1/2	165	3-3/8	4	1/4	1-3/4	172.1	183.6	5	127	183.6
13 x 6**	13-3/8	340	6-3/4	171	6-1/2	165	3-5/8	4	1/4	1-3/4	196.5	208.7	5	127	208.7
10 x 7	10-3/8	264	7-3/8	187	7-1/4	184	4	3	5/16	1-3/4	175.8	187.3	5-1/4	133	187.3
11 x 7	11-3/8	289	7-3/8	187	7-1/4	184	3	4	5/16	1-3/4	210.5	216.7	5-1/4	133	216.7
12 x 7**	12-3/8	314	7-3/8	187	7-1/4	184	3-3/8	4	5/16	1-3/4	223.2	241.1	5-1/4	133	241.1
13 X 7**	13-3/8	340	7-3/8	187	7-1/4	184	3-5/8	4	5/16	1-3/4	236.8	244.8	5-1/4	133	244.8
14 X 7**	14-3/8	365	7-3/8	187	7-1/4	184	3	5	5/16	1-1/2	269.7	290.1	5-1/4	133	290.1
15 x 7**	15-3/8	391	7-3/8	187	7-1/4	184	3-1/4	5	5/16	1-1/2	284.4	295.0	5-1/4	133	295.0
16 x 7**	16-3/8	416	7-3/8	187	7-1/4	184	3-1/2	5	5/16	1-1/2	289.9	304.8	5-1/4	133	304.8
12 x 8**	12-3/8	314	8-3/8	213	8-1/4	210	3-3/8	4	5/16	1-3/4	272.5	299.9	5-3/4	146	299.9
14 x 8**	14-3/8	340	8-3/8	213	8-1/4	210	3	5	5/16	1-1/2	324.7	364.8	5-3/4	146	364.8
16 x 8**	16-3/8	365	8-3/8	213	8-1/4	210	3-1/2	5	5/16	2	362.5	407.6	5-3/4	146	407.6
18 x 8**	18-3/8	391	8-3/8	213	8-1/4	210	3-1/8	6	5/16	2	404.9	440.6	5-3/4	146	440.6

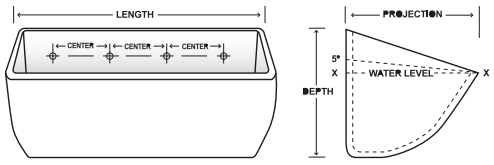
Disclaimer: Weights, dimensions, & capacities are estimated. Actual measurements may vary.
Some sizes are made to order. *Buckets with 12" lengths and up have a center brace. + Buckets are designed without ears on the ends of the parts.
Low profile spacing is Projection minus (-) 1 inch.
▭ - Indicates SS and LP punch patterns differ.

TIGER-TUFF® INDUSTRIAL

Slow Speed Centrifugal Discharge 125-450 FPM

TIGER-TUFF INDUSTRIAL ELEVATOR 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. The **TIGER-TUFF Industrial** bucket has the thickest lip, back wall and corners to maximize bucket life and maintain capacity. Standard spacing is projection x 2. The most common applications include cement, sand, gypsum, limestone, clay, concrete and many, many more. The **TIGER-TUFF Industrial** is the maximum duty industrial bucket for your most demanding industrial applications.



Mounting Holes and Venting to Your Specifications

FEATURES & BENEFITS

- **Reduces Weight on Elevator up to 80%**
- **Cleaner Discharge Than Steel Buckets**
- **Non-Corrosive, Non-Sparking**
- **Thicker Walls, Heavy Front Digging Lip**
- **Heat, Impact & Abrasion Resistant**
- **Lowers Elevator Maintenance**
- **Extends Bucket Life**
- **Decreases Elevator Down Time**
- **Easy to Install and Replace**
- **Saves Money vs. Carbon Steel**

BUCKET SIZE								CAPACITY, CU. IN.	
BUCKET SIZE	Length		Projection		Depth		Back Wall Thickness	Water Level X-X, Cu. In.	Water Level X-X, Cu. Ft.
	in.	mm	in.	mm	in.	mm			
6 x 5	6-5/8	168	5-3/4	146	5	127	0.33	67.20	0.039
7 x 5	7-5/8	194	5-3/4	146	5	127	0.33	79.72	0.046
8 x 5	8-5/8	219	5-3/4	146	5	127	0.33	88.54	0.051
9 x 5	9-5/8	244	5-3/4	146	5	127	0.33	107.37	0.062
10 x 5	10-5/8	270	5-3/4	146	5	127	0.33	121.30	0.070
11 x 5	11-5/8	295	5-3/4	146	5	127	0.33	140.70	0.081
12 x 5	12-5/8	321	5-3/4	146	5	127	0.33	159.87	0.093
8 x 6	8-5/8	219	6-7/8	175	6	152	0.40	135.56	0.078
9 x 6	9-5/8	244	6-7/8	175	6	152	0.40	150.26	0.087
10 x 6	10-5/8	270	6-7/8	175	6	152	0.40	170.69	0.099
11 x 6	11-5/8	295	6-7/8	175	6	152	0.40	185.18	0.107
12 x 6	12-5/8	321	6-7/8	175	6	152	0.40	200.37	0.116
13 x 6	13-5/8	346	6-7/8	175	6	152	0.40	220.78	0.123
12 x 7	12-7/8	327	7-7/8	200	7	178	0.42	269.24	0.156
13 x 7	13-7/8	352	7-7/8	200	7	178	0.42	292.51	0.169
14 x 7	14-7/8	378	7-7/8	200	7	178	0.42	315.77	0.183
15 x 7	15-7/8	403	7-7/8	200	7	178	0.42	346.64	0.201
16 x 7	16-7/8	429	7-7/8	200	7	178	0.42	377.41	0.218
11 x 8	11-7/8	302	8-7/8	225	8-1/4	210	0.50	340.02	0.197
12 x 8	12-7/8	327	8-7/8	225	8-1/4	210	0.50	373.00	0.216
13 x 8	13-7/8	352	8-7/8	225	8-1/4	210	0.50	404.85	0.234
14 x 8	14-7/8	378	8-7/8	225	8-1/4	210	0.50	436.80	0.253
16 x 8	17	432	9-1/4	235	8-1/4	210	0.50	512.57	0.297
18 x 8	19	483	9-1/4	235	8-1/4	210	0.50	567.49	0.328
20 x 8	21	533	9-1/4	235	8-1/4	210	0.50	646.81	0.374
22 x 8	23	584	9-1/4	235	8-1/4	210	0.50	701.90	0.406
24 x 8	25	635	9-1/4	235	8-1/4	210	0.50	763.40	0.441
16 x 10	17	432	11-1/4	286	10	254	0.75	795.70	0.461
18 x 10	19	483	11-1/4	286	10	254	0.75	910.00	0.527
20 x 10	21	533	11-1/4	286	10	254	0.75	1032.50	0.598

Disclaimer: Weights, dimensions, & capacities are estimated. Actual measurements may vary. Standard spacing is Projection x 2. Some sizes are made to order.

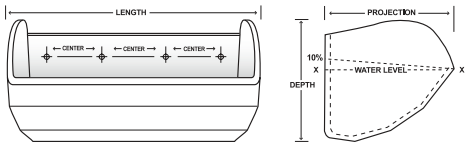
TIGER-CC® INDUSTRIAL

Slow Speed Centrifugal or Continuous Discharge

TIGER-CC INDUSTRIAL ELEVATOR BUCKETS®

Slow Speed Centrifugal Discharge 125-450 FPM

The **TIGER-CC** Industrial is a maximum duty industrial elevator bucket designed in the traditional CC style. The **TIGER-CC** is engineered to maximize bucket life and elevator capacity, reduce down time and lower maintenance costs. The **TIGER-CC** Industrial bucket has the thickest lip, back wall and corners to maximize bucket life and maintain capacity. Standard spacing is projection x 2. The most common applications include sand, gypsum, limestone, clay, cement and many, many more. The **TIGER-CC** Industrial is the maximum duty industrial bucket for your most demanding industrial applications.



Mounting Holes and Venting to Your Specifications

FEATURES & BENEFITS

- **Largest Capacity, Move More Material in a Single Row**
- **Thicker Corners**
- **Thicker Walls, Heavy Front Lip for Digging**
- **Cleaner Discharge**
- **Heat, Impact & Abrasion Resistant**
- **Non-Corrosive, Non-Sparking**
- **Extends Bucket Life**
- **Increases Elevator Capacity**
- **Lowers Elevator Maintenance**
- **Decreases Elevator Down Time**

BUCKET SIZE	Length		Projection		Depth		Back Wall Thickness	CAPACITY, CU. IN.	
BUCKET SIZE	in.	mm	in.	mm	in.	mm		Water Level Cu. In. X-X	Water Level Cu. Feet X-X
10 x 7	10-7/8	276	8-1/8	206	6-7/8	174	0.50	217.3	0.126
11 x 7	11-7/8	301	8-1/8	206	6-7/8	174	0.50	236.2	0.137
12 x 7	12-7/8	327	8-1/8	206	6-7/8	174	0.50	258.3	0.149
13 x 7	13-7/8	352	8-1/8	206	6-7/8	174	0.50	299.7	0.173
14 x 7	14-7/8	377	8-1/8	206	6-7/8	174	0.50	313.1	0.181
15 x 7	15-7/8	403	8-1/8	206	6-7/8	174	0.50	338.7	0.196
16 x 7	16-7/8	428	8-1/8	206	6-7/8	174	0.50	352.2	0.204
12 x 8	12-7/8	327	9-1/4	235	8-7/8	225	0.55	366.0	0.212
14 x 8	14-7/8	377	9-1/4	235	8-7/8	225	0.55	430.0	0.249
16 x 8	16-7/8	428	9-1/4	235	8-7/8	225	0.55	510.0	0.295
18 x 8	18-7/8	479	9-1/4	235	8-7/8	225	0.55	560.0	0.324
20 x 8	20-7/8	530	9-1/4	235	8-7/8	225	0.55	655.0	0.379
18 x 10	19	481	11-1/2	292	10-3/8	264	0.70	914.7	0.529
20 x 10	21	533	11-1/2	292	10-3/8	264	0.70	1005.0	0.581
21 x 10	22	558	11-1/2	292	10-3/8	264	0.70	1055.0	0.611
22 x 10	23	584	11-1/2	292	10-3/8	264	0.70	1105.0	0.639
23 x 10	24	609	11-1/2	292	10-3/8	264	0.70	1155.0	0.668
24 x 10	25	635	11-1/2	292	10-3/8	264	0.70	1206.0	0.698
25 x 10	26	660	11-1/2	292	10-3/8	264	0.70	1256.0	0.727
26 x 10	27	685	11-1/2	292	10-3/8	264	0.70	1306.0	0.756
27 x 10	28	711	11-1/2	292	10-3/8	264	0.70	1356.0	0.785
28 x 10	29	737	11-1/2	292	10-3/8	264	0.70	1400.0	0.810

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. Some sizes are made to order. Standard spacing is Projection x 2.

Indicates Available upon request - extended lead time required.

ELEVATOR BUNDLES

BUNDLES
BUCKETS & BELT

ONE SOURCE, ONE SHIPMENT AND ONE INVOICE!

SAVINGS & CONVENIENCE FOR YOU
LESS PAPERWORK, PHONE CALLS, AND WORRY... LOWER COSTS, FASTER SHIPMENTS, AND LESS RISK

YOUR BENEFITS
NO HEADACHE OF RECEIVING MULTIPLE SHIPMENTS...
LESS WORRY - BUCKET HOLES & BELT HOLES MATCH EVERY TIME

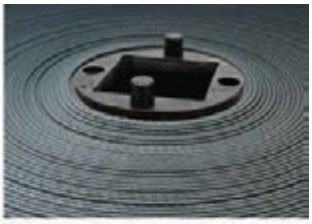
SINGLE SOURCE: MAXI-LIFT
MAXI-LIFT STANDS BEHIND EVERY COMPONENT OF YOUR ELEVATOR BUNDLE

SINGLE SOURCE FOR BUCKETS & BELT

YOUR SOURCE FOR...

- A Comprehensive Range of Agricultural & Industrial Duty Elevator Buckets
- A Complete Line of Elevator Belting, Available in Both Rubber & PVC
- A Full Array of Belt Splices / Belt Fastening Systems
- A Wide Scope of Elevator Bolts & Hardware Options...
  All Available in a Single Order & Delivered in a Single Shipment!


Buckets

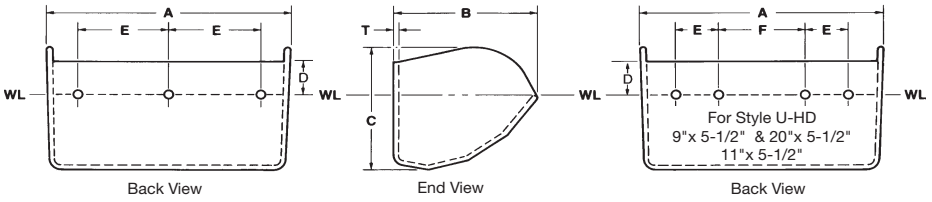

Belting


Belt Splices


Elevator Bolts

Tapco® Inc.

HIGH DENSITY **POLYETHYLENE** ELEVATOR BUCKETS



STYLE CC-HD BUCKETS

SIZE (Nominal) Metric	SIZE (Nominal) Inches	Dimension-Actual (Inches) Tolerance A, B, C± 3/16" T± 1/64" Length A	Proj. B	Depth C	Thickness T	Drilling-Standard (Inches) ⑤ Tolerance D ± 1/4" From Top D	Center to Center E	F	# of Holes	Bolt Diameter	Capacity① Tolerance ± 3% WL Cu. In.	WL Cu. Ft.	WL + 10% Cu. In.	WL + 10% Cu. Ft.	Spacing on Belt (Min.) Inches	Weight (Pounds) Each (Avg.)	Per Carton (Avg.)	Number Per Carton
80-60	3 X 2	3-1/4	2-1/2	2-1/16	11/64	7/8	1-3/4		2	1/4	6.0	.0035	6.6	.0038	3	0.13	3.6	24
120-80	4 X 3	4-1/4	3-1/2	3-1/16	3/16	7/8	2-1/2		2	1/4	16.8	.0097	18.5	.0107	4	0.26	7.1	24
140-120	5 X 4	5-1/4	4-1/2	4-1/16	13/64	1-1/4	3-3/16		2	1/4	35.8	.0207	39.4	.0228	5	0.46	12.6	24
160-120	6 X 4	6-1/4	4-1/2	4-1/16	13/64	1-1/4	4-3/8		2	1/4	43.3	.0251	47.6	.0276	5	0.53	13.8	24
180-120	7 X 4	7-1/4	4-1/2	4-1/16	13/64	1-1/4	2-11/16		3	1/4	49.7	.0288	54.7	.0316	5	0.60	15.9	24
160-140	6 X 5	6-5/16	5-1/2	5-1/16	1/4	1-1/2	4-3/8		2	1/4	68.3	.0395	75.1	.0435	6	0.80	20.8	24
180-140	7 X 5	7-5/16	5-1/2	5-1/16	1/4	1-1/2	2-11/16		3	1/4	75.8	.0439	83.4	.0483	6	0.98	25.2	24
200-140	8 X 5	8-5/16	5-1/2	5-1/16	1/4	1-1/2	3-1/16		3	1/4	85.4	.0494	93.9	.0544	6	1.10	28.3	24
230-140	9 X 5	9-5/16	5-1/2	5-1/16	1/4	1-1/2	3-5/8		3	1/4	97.9	.0567	107.7	.0623	6	1.02	26.4	24
260-140	10 X 5	10-5/16	5-1/2	5-1/16	1/4	1-1/2	4-1/8		3	1/4	113.5	.0657	124.9	.0723	6	1.24	32.1	24
280-140	11 X 5	11-5/16	5-1/2	5-1/16	1/4	1-1/2	3		4	1/4	127.2	.0736	139.9	.0766	6	1.27	32.7	24
300-140	12 X 5	12-5/16	5-1/2	5-1/16	1/4	1-1/2	3-3/8		4	1/4	143.1	.0828	157.4	.0911	6	1.35	34.8	24
200-160	8 X 6	8-5/16	6-5/8	6-1/16	1/4	1-3/4	3-1/16		3	1/4	124.5	.0720	137.0	.0793	7	1.34	35.0	24
230-160	9 X 6	9-5/16	6-5/8	6-1/16	1/4	1-3/4	3-5/8		3	1/4	135.9	.0786	149.5	.0865	7	1.45	37.6	24
260-160	10 X 6	10-5/16	6-5/8	6-1/16	1/4	1-3/4	4-1/8		3	1/4	150.4	.0870	165.4	.0957	7	1.57	40.5	24
280-160	11 X 6	11-5/16	6-5/8	6-1/16	1/4	1-3/4	3		4	1/4	173.4	.1003	190.7	.1104	7	1.69	43.5	24
300-160	12 X 6	12-5/16	6-5/8	6-1/16	1/4	1-3/4	3-3/8		4	1/4	185.4	.1073	203.9	.1180	7	1.76	45.2	24
330-160	13 X 6	13-5/16	6-5/8	6-1/16	1/4	1-3/4	3-5/8		4	1/4	203.8	.1179	224.2	.1297	7	1.85	24.6	12
② 350-160	14 X 6	13-7/8	6-5/8	5-7/8	1/4	1-3/4	3		5	1/4	198.3	.1148	218.1	.1262	7	1.98	26.2	12
260-180	10 X 7	10-7/16	7-3/4	7-1/16	9/32	2	4-1/8		3	5/16	219.4	.1270	241.3	.1397	8	2.01	18.5	8
280-180	11 X 7	11-7/16	7-3/4	7-1/16	9/32	2	3		4	5/16	234.2	.1355	257.6	.1491	8	2.31	21.1	8
300-180	12 X 7	12-7/16	7-3/4	7-1/16	9/32	2	3-3/8		4	5/16	248.2	.1436	273.0	.1580	8	2.43	22.0	8
330-180	13 X 7	13-7/16	7-3/4	7-1/16	9/32	2	3-5/8		4	5/16	284.4	.1646	312.8	.1810	8	2.62	23.7	8
350-180	14 X 7	14-7/16	7-3/4	7-1/16	9/32	2	3		5	5/16	301.9	.1747	332.1	.1922	8	2.76	25.0	8
370-180	15 X 7	15-7/16	7-3/4	7-1/16	9/32	2	3-1/4		5	5/16	331.4	.1918	364.5	.2110	8	3.02	26.9	8
400-180	16 X 7	16-7/16	7-3/4	7-1/16	9/32	2	2-7/8		6	5/16	346.5	.2005	381.2	.2206	8	3.13	27.9	8
④ 450-180	18 X 7	18-7/16	7-3/4	7-1/16	11/32	2	3-1/8		6	5/16	396.7	.2296	436.4	.2525	8	4.00	35.9	11
④ 500-180	20 X 7	20-7/16	7-3/4	7-1/16	13/32	2	3-1/2		6	5/16	433.3	.2508	476.6	.2758	8	4.50	41.9	11

STYLE CC-HD *"SUPER CAPACITY"* BUCKETS

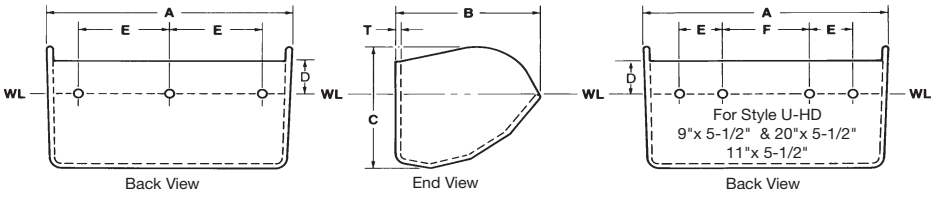
260-215	10 X 8	10-7/16	8-3/4	8-13/16	11/32	2-1/4	4-1/8		3	5/16	297.0	.1719	326.7	.1891	9	2.95	26.6	8
280-215	11 X 8	11-7/16	8-3/4	8-13/16	11/32	2-1/4	3		4	5/16	325.9	.1886	358.5	.2075	9	2.99	26.9	8
300-215	12 X 8	12-7/16	8-3/4	8-13/16	11/32	2-1/4	3-3/8		4	5/16	362.0	.2095	398.2	.2304	9	3.02	27.4	8
330-215	13 X 8	13-7/16	8-3/4	8-13/16	11/32	2-1/4	3-5/8		4	5/16	390.2	.2258	429.2	.2484	9	3.17	28.8	8
350-215	14 X 8	14-7/16	8-3/4	8-13/16	11/32	2-1/4	3		5	5/16	429.6	.2486	472.6	.2735	9	3.31	30.0	8
370-215	15 X 8	15-7/16	8-3/4	8-13/16	11/32	2-1/4	3-1/4		5	5/16	458.9	.2656	504.8	.2921	9	3.72	33.2	8
400-215	16 X 8	16-7/16	8-3/4	8-13/16	3/8	2-1/4	2-7/8		6	5/16	511.1	.2958	562.2	.3254	9	4.27	37.7	8
450-215	18 X 8	18-7/16	8-3/4	8-13/16	25/64	2-1/4	3-1/8		6	5/16	564.4	.3266	620.8	.3593	9	4.89	43.2	8
500-215	20 X 8	20-7/16	8-7/8	8-15/16	13/32	2-1/4	3-1/2		6	5/16	644.2	.3728	708.6	.4101	9	5.77	52.2	8
400-230	16 X 9	16-7/16	10	10-1/8	7/16	2-1/2	2-7/8		6	5/16	614.8	.3558	676.3	.3914	10	6.06	39.4	6
500-230	20 X 9	20-7/16	10	10-1/8	15/32	2-1/2	3-1/2		6	5/16	770.5	.4459	847.6	.4905	10	7.75	49.9	6

STYLE U-HD BUCKETS fit Universal Industries Elevators

③ 120-80	4 X 3	3-7/8	3	3-1/16	3/16	7/8	1-7/8		2	1/4	11.3	.0065	12.4	.0072	3-1/4	0.19	5.6	24
160-120	6 X 4	6-1/4	4-1/8	4-1/16	13/64	1-1/2	2-3/4		2	1/4	35.4	.0205	38.9	.0225	4-1/4	0.51	13.4	24
180-120	7 X 4-1/2	7-/1/4	4-3/8	4-1/16	13/64	1-1/2	2-1/2		3	1/4	44.2	.0256	48.6	.0281	5	0.58	15.1	24
230-150	9 X 5-1/2	9-5/16	5-1/2	5-1/16	1/4	1-3/4	1-3/4	3-1/2	4	1/4	97.9	.0567	107.7	.0623	6	1.02	26.4	24
④ 500-150	20 X 5-1/2	20-7/16	6	5-1/2	13/32	2	1-3/4	3-1/4	7	1/4	157.0	.0909	172.7	.0999	6	2.83	49.5	16
280-160	11 X 5-1/2	11-5/16	6-5/8	6-1/16	1/4	1-3/4	1-3/4	2-3/4	5	1/4	173.4	.1003	190.7	.1104	6	1.69	43.5	24
280-180	11 X 7	11-7/16	7-3/4	7-1/16	9/32	2	3-1/8		4	5/16	234.2	.1355	257.6	.1491	8	2.31	21.1	8
300-215	12 X 8	12-7/16	8-3/4	8-13/16	11/32	2-1/4	3-3/8		4	1/4	362.0	.2095	398.2	.2304	9	3.02	27.4	8
350-215	14 X 8	14-7/16	8-3/4	8-13/16	11/32	2-1/4	3		5	1/4	429.6	.2656	472.6	.2735	9	3.31	30.0	8

① Tapco recommends using WL (water level) fill + 10% for usable capacity. A gross capacity figure is no longer provided as it is inappropriate for rating an agricultural elevator bucket.
② 14 X 6 bucket was designed to fit Hunter Mfg. Grizzly elevators. ③ Universal refers to this bucket as 3-3/4 X 3 in fabricated steel, the buckets are completely interchangeable.
④ Modified (cut down) from an 8" projection bucket. ⑤ Holes Drilled 1/32" Oversize.

SUPER TOUGH NYLON ELEVATOR BUCKETS



STYLE CC-HD BUCKETS

SIZE (Nominal) Metric	SIZE (Nominal) Inches	Dimension-Actual (Inches) Tolerance A, B, C± 3/16" T± 1/64" Length A	Proj. B	Depth C	Thickness T	Drilling-Standard (Inches) Tolerance D ± 1/4" ⑤ From Top D	Center to Center E	F	# of Holes	Bolt Diameter	Capacity① Tolerance ± 3% WL Cu. In.	WL Cu. Ft.	WL + 10% Cu. In.	WL + 10% Cu. Ft.	Spacing on Belt (Min.) Inches	Weight (Pounds) Each (Avg.)	Per Carton (Avg.)	Number Per Carton
80-60	3 X 2	3-3/8	2-7/16	2-1/4	11/64	7/8	1-3/4		2	1/4	6.2	.0036	6.8	.0039	3	0.14	3.8	24
120-80	4 X 3	4-3/8	3-7/16	3-1/4	3/16	7/8	2-1/2		2	1/4	17.5	.0101	19.3	.0111	4	0.29	7.9	24
140-120	5 X 4	5-7/16	4-9/16	4-3/16	13/64	1-1/4	3-3/16		2	1/4	37.2	.0215	40.9	.0237	5	0.52	14.0	24
160-120	6 X 4	6-7/16	4-9/16	4-3/16	13/64	1-1/4	4-3/8		2	1/4	45.0	.0260	49.5	.0286	5	0.60	15.9	24
180-120	7 X 4	7-7/16	4-9/16	4-3/16	13/64	1-1/4	2-11/16		3	1/4	51.7	.0299	56.9	.0329	5	0.68	17.8	24
160-140	6 X 5	6-1/2	5-9/16	5-3/16	1/4	1-1/2	4-3/8		2	1/4	71.0	.0411	78.1	.0452	6	0.91	23.5	24
180-140	7 X 5	7-1/2	5-9/16	5-3/16	1/4	1-1/2	2-11/16		3	1/4	78.8	.0456	86.7	.0502	6	1.17	29.9	24
200-140	8 X 5	8-1/2	5-9/16	5-3/16	1/4	1-1/2	3-1/16		3	1/4	88.8	.0514	97.7	.0565	6	1.32	33.7	24
230-140	9 X 5	9-1/2	5-9/16	5-3/16	1/4	1-1/2	3-5/8		3	1/4	101.8	.0589	112.0	.0648	6	1.19	30.6	24
260-140	10 X 5	10-1/2	5-9/16	5-3/16	1/4	1-1/2	4-1/8		3	1/4	118.0	.0683	129.8	.0751	6	1.40	35.1	24
280-140	11 X 5	11-1/2	5-9/16	5-3/16	1/4	1-1/2	3		4	1/4	132.3	.0766	145.5	.0842	6	1.46	37.5	24
300-140	12 X 5	12-1/2	5-9/16	5-3/16	1/4	1-1/2	3-3/8		4	1/4	148.8	.0861	163.7	.0947	6	1.78	45.3	24
200-160	8 X 6	8-1/2	6-11/16	6-3/16	1/4	1-3/4	3-1/16		3	1/4	129.5	.0749	142.5	.0824	7	1.42	37.0	24
230-160	9 X 6	9-1/2	6-11/16	6-3/16	1/4	1-3/4	3-5/8		3	1/4	141.3	.0818	155.4	.0899	7	1.68	43.1	24
260-160	10 X 6	10-1/2	6-11/16	6-3/16	1/4	1-3/4	4-1/8		3	1/4	156.4	.0905	172.0	.0996	7	1.86	47.4	24
280-160	11 X 6	11-1/2	6-11/16	6-3/16	1/4	1-3/4	3		4	1/4	180.3	.1043	198.3	.1148	7	1.96	50.1	24
300-160	12 X 6	12-1/2	6-11/16	6-3/16	1/4	1-3/4	3-3/8		4	1/4	192.8	.1116	212.1	.1227	7	2.03	51.8	24
330-160	13 X 6	13-1/2	6-11/16	6-3/16	1/4	1-3/4	3-5/8		4	1/4	212.0	.1227	233.2	.1350	7	2.19	28.5	12
② 350-160	14 X 6	13-7/8	6-11/16	6	1/4	1-3/4	3		5	1/4	206.2	.1193	226.8	.1313	7	2.49	32.2	12
260-180	10 X 7	10-9/16	7-7/8	7-3/16	9/32	2	4-1/8		3	5/16	228.2	.1321	251.0	.1453	8	2.56	22.9	8
280-180	11 X 7	11-9/16	7-7/8	7-3/16	9/32	2	3		4	5/16	243.6	.1410	268.0	.1551	8	2.76	24.7	8
300-180	12 X 7	12-9/16	7-7/8	7-3/16	9/32	2	3-3/8		4	5/16	258.1	.1494	283.9	.1643	8	2.82	25.2	8
330-180	13 X 7	13-9/16	7-7/8	7-3/16	9/32	2	3-5/8		4	5/16	295.8	.1712	325.4	.1883	8	3.12	27.7	8
350-180	14 X 7	14-9/16	7-7/8	7-3/16	9/32	2	3		5	5/16	314.0	.1817	345.4	.1999	8	3.35	29.3	8
370-180	15 X 7	15-9/16	7-7/8	7-3/16	9/32	2	3-1/4		5	5/16	344.7	.1995	379.2	.2194	8	3.40	30.1	8
400-180	16 X 7	16-9/16	7-7/8	7-3/16	9/32	2	2-7/8		6	5/16	360.4	.2086	396.4	.2294	8	3.69	32.4	8
④ 450-180	18 X 7	18-9/16	7-7/8	7-3/16	11/32	2	3-1/8		6	5/16	412.6	.2388	453.9	.2627	8	4.52	40.2	11
④ 500-180	20 X 7	20-9/16	7-7/8	7-3/16	13/32	2	3-1/2		6	5/16	450.6	.2608	495.7	.2860	8	5.08	46.6	11

STYLE CC-HD "SUPER CAPACITY" BUCKETS

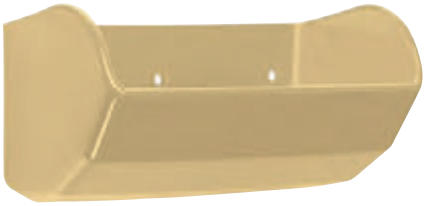
260-215	10 X 8	10-9/16	8-7/8	8-3/4	11/32	2-1/4	4-1/8		3	5/16	308.9	.1788	339.8	.1966	9	3.10	27.8	8
280-215	11 X 8	11-9/16	8-7/8	8-3/4	11/32	2-1/4	3		4	5/16	338.9	.1961	372.8	.2157	9	3.41	30.3	8
300-215	12 X 8	12-9/16	8-7/8	8-3/4	11/32	2-1/4	3-3/8		4	5/16	376.5	.2179	414.2	.2397	9	3.72	33.1	8
330-215	13 X 8	13-9/16	8-7/8	8-3/4	11/32	2-1/4	3-5/8		4	5/16	405.8	.2348	446.4	.2583	9	4.03	35.6	8
350-215	14 X 8	14-9/16	8-7/8	8-3/4	11/32	2-1/4	3		5	5/16	446.8	.2586	491.5	.2844	9	4.34	38.3	8
370-215	15 X 8	15-9/16	8-7/8	8-3/4	11/32	2-1/4	3-1/4		5	5/16	477.3	.2762	525.5	.3038	9	4.65	40.6	8
400-215	16 X 8	16-9/16	8-7/8	8-3/4	3/8	2-1/4	2-7/8		6	5/16	531.5	.3076	584.7	.3383	9	5.08	41.1	8
450-215	18 X 8	18-9/16	8-7/8	8-3/4	25/64	2-1/4	3-1/8		6	5/16	587.0	.3397	645.7	.3737	9	5.72	50.1	8
500-215	20 X 8	20-9/16	8-7/8	9	13/32	2-1/4	3-1/2		6	5/16	670.0	.3877	737.0	.4265	9	6.47	57.8	8
400-230	16 X 9	16-9/16	10	10-3/16	7/16	2-1/2	2-7/8		6	5/16	639.4	.3700	703.3	.4070	10	6.87	44.4	6
500-230	20 X 9	20-9/16	10	10-3/16	15/32	2-1/2	3-1/2		6	5/16	801.3	.4637	881.4	.5101	10	8.56	54.9	6

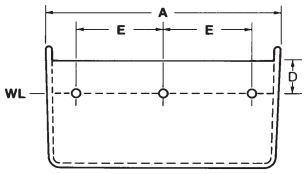
STYLE U-HD BUCKETS fit Universal Industries Elevators

③ 120-80	4 X 3	3-7/8	3	3-1/16	3/16	7/8	1-7/8		2	1/4	11.8	.0065	13.3	.0075	3-1/4	0.23	6.4	24
160-120	6 X 4	6-3/8	4-1/4	4-3/16	13/64	1-1/2	2-3/4		2	1/4	36.8	.0213	40.5	.0235	4-1/4	0.60	15.6	24
180-120	7 X 4-1/2	7-3/8	4-1/2	4-3/16	13/64	1-1/2	2-1/2		3	1/4	46.0	.0266	50.6	.0293	5	0.68	17.5	24
230-150	9 X 5-1/2	9-1/2	5-9/16	5-3/16	1/4	1-3/4	1-3/4	3-1/2	4	1/4	101.8	.0589	112.0	.0650	6	1.19	30.6	24
④ 500-150	20 X 5-1/2	20-9/16	6	5-1/2	13/32	2	1-3/4	3-1/4	7	1/4	163.3	.0945	179.6	.1039	6	3.20	55.5	16
280-160	11 X 5-1/2	11-1/2	6-11/16	6-3/16	1/4	1-3/4	1-3/4	2-3/4	5	1/4	180.3	.1046	198.4	.1151	6	1.96	50.1	24
280-180	11 X 7	11-9/16	7-7/8	7-3/16	9/32	2	3-1/8		4	5/16	243.6	.1410	267.9	.1554	8	2.76	24.7	8
300-215	12 X 8	12-9/16	8-7/8	8-3/4	11/32	2-1/4	3-3/8		4	1/4	376.5	.2179	414.2	.2397	9	3.72	33.1	8
350-215	14 X 8	14-9/16	8-7/8	8-3/4	11/32	2-1/4	3		5	1/4	446.8	.2586	491.5	.2844	9	4.34	38.3	8

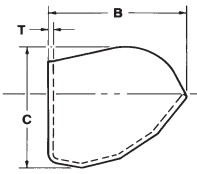
① Tapco recommends using WL (water level) fill + 10% for usable capacity. A gross capacity figure is no longer provided as it is inappropriate for rating an agricultural elevator bucket.
② 14 X 6 bucket was designed to fit Hunter Mfg. Grizzly elevators. ③ Universal refers to this bucket as 3-3/4 X 3 in fabricated steel, the buckets are completely interchangeable.
④ Modified (cut down) from an 8" projection bucket. ⑤ Holes Drilled 1/32" Oversize.

SEVERE DUTY **URETHANE** ELEVATOR BUCKETS

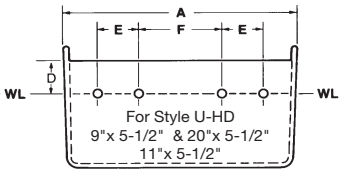




Back View



End View



For Style U-HD
9"x 5-1/2" & 20"x 5-1/2"
11"x 5-1/2"
Back View

STYLE CC-HD BUCKETS

SIZE (Nominal) Metric	SIZE (Nominal) Inches	Dimension-Actual (Inches) Tolerance A, B, C± 3/16" T± 1/64" Length A	Proj. B	Depth C	Thickness T	Drilling-Standard (Inches) ⑤ Tolerance D ± 1/4" From Top D	Center to Center E	F	# of Holes	Bolt Diameter	Capacity① Tolerance ± 3% WL Cu. In.	WL Cu. Ft.	WL + 10% Cu. In.	WL + 10% Cu. Ft.	Spacing on Belt (Min.) Inches	Weight (Pounds) Each (Avg.)	Per Carton (Avg.)	Number Per Carton
80-60	3 X 2	3-7/16	2-1/2	2-1/4	11/64	7/8	1-3/4		2	1/4	6.2	.0036	6.8	.0039	3	0.17	4.5	24
120-80	4 X 3	4-7/16	3-1/2	3-1/4	3/16	7/8	2-1/2		2	1/4	17.5	.0101	19.3	.0111	4	0.35	9.3	24
140-120	5 X 4	5-1/2	4-5/8	4-1/4	13/64	1-1/4	3-3/16		2	1/4	37.2	.0215	40.9	.0237	5	0.64	16.7	24
160-120	6 X 4	6-1/2	4-5/8	4-1/4	13/64	1-1/4	4-3/8		2	1/4	45.0	.0260	45.5	.0286	5	0.74	19.1	24
180-120	7 X 4	7-1/2	4-5/8	4-1/4	13/64	1-1/4	2-11/16		3	1/4	51.7	.0299	56.9	.0329	5	0.82	21.0	24
160-140	6 X 5	6-9/16	5-5/8	5-3/8	1/4	1-1/2	4-3/8		2	1/4	71.0	.0411	78.1	.0452	6	1.10	28.1	24
180-140	7 X 5	7--9/16	5-5/8	5-3/8	1/4	1-1/2	2-11/16		3	1/4	78.8	.0456	86.7	.0502	6	1.34	33.8	24
200-140	8 X 5	8-9/16	5-5/8	5-3/8	1/4	1-1/2	3-1/16		3	1/4	88.8	.0514	97.7	.0565	6	1.52	38.5	24
230-140	9 X 5	9-9/16	5-5/8	5-3/8	1/4	1-1/2	3-5/8		3	1/4	101.8	.0589	112.0	.0648	6	1.38	35.2	24
260-140	10 X 5	10-9/16	5-5/8	5-3/8	1/4	1-1/2	4-1/8		3	1/4	118.0	.0683	129.8	.0751	6	1.65	42.1	24
280-140	11 X 5	11-9/16	5-5/8	5-3/8	1/4	1-1/2	3		4	1/4	132.3	.0766	145.5	.0842	6	1.94	49.1	24
300-140	12 X 5	12-9/16	5-5/8	5-3/8	1/4	1-1/2	3-3/8		4	1/4	148.8	.0861	163.7	.0947	6	2.11	53.2	24
200-160	8 X 6	8-9/16	6-3/4	6-1/4	1/4	1-3/4	3-1/16		3	1/4	129.5	.0749	142.5	.0824	7	1.76	45.1	24
230-160	9 X 6	9-9/16	6-3/4	6-1/4	1/4	1-3/4	3-5/8		3	1/4	141.3	.0818	155.4	.0899	7	1.97	50.1	24
260-160	10 X 6	10-9/16	6-3/4	6-1/4	1/4	1-3/4	4-1/8		3	1/4	156.4	.0905	172.0	.0996	7	2.09	53.0	24
280-160	11 X 6	11-9/16	6-3/4	6-1/4	1/4	1-3/4	3		4	1/4	180.3	.1043	198.3	.1148	7	2.26	57.3	24
300-160	12 X 6	12-9/16	6-3/4	6-1/4	1/4	1-3/4	3-3/8		4	1/4	192.8	.1116	212.1	.1227	7	2.41	60.9	24
330-160	13 X 6	13-9/16	6-3/4	6-1/4	1/4	1-3/4	3-5/8		4	1/4	212.0	.1227	233.2	.1350	7	2.54	32.8	12
② 350-160	14 X 6	14	6-3/4	6-1/16	1/4	1-3/4	3		5	1/4	206.2	.1193	226.8	.1313	7	2.91	37.9	12
260-180	10 X 7	10-5/8	7-15/16	7-7/16	9/32	2	4-1/8		3	5/16	228.2	.1321	251.0	.1453	8	2.94	26.1	8
280-180	11 X 7	11-5/8	7-15/16	7-7/16	9/32	2	3		4	5/16	243.6	.1410	268.0	.1551	8	3.29	28.9	8
300-180	12 X 7	12-5/8	7-15/16	7-7/16	9/32	2	3-3/8		4	5/16	258.1	.1494	283.9	.1643	8	3.34	29.4	8
330-180	13 X 7	13-5/8	7-15/16	7-716	9/32	2	3-5/8		4	5/16	295.8	.1712	325.4	.1883	8	3.58	31.3	8
350-180	14 X 7	14-5/8	7-15/16	7-7/16	9/32	2	3		5	5/16	314.0	.1817	345.4	.1999	8	3.81	33.0	8
370-180	15 X 7	15-5/8	7-15/16	7-7/16	9/32	2	3-1/4		5	5/16	344.7	.1995	379.2	.2194	8	4.23	36.8	8
400-180	16 X 7	16-5/8	7-15/16	7-7/16	9/32	2	2-7/8		6	5/16	360.4	.2086	396.4	.2294	8	4.39	38.1	8
④ 450-180	18 X 7	18-5/8	7-15/16	7-7/16	11/32	2	3-1/8		6	5/16	412.6	.2388	453.9	.2627	8	5.20	45.6	11
④ 500-180	20 X 7	20-5/8	7-15/16	7-7/16	13/32	2	3-1/2		6	5/16	450.6	.2608	495.7	.2860	8	5.85	52.8	11

STYLE CC-HD *"SUPER CAPACITY"* BUCKETS

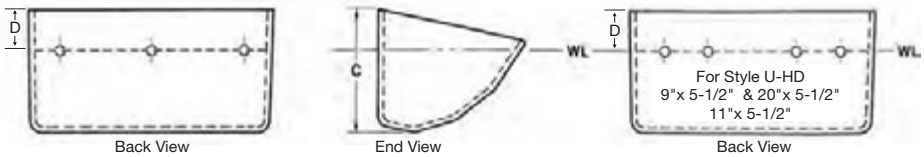
260-215	10 X 8	10-5/8	8-15/16	8-7/8	11/32	2-1/4	4-1/8		3	5/16	308.9	.1788	339.8	.1966	9	3.67	32.4	8
280-215	11 X 8	11-5/8	8-15/16	8-7/8	11/32	2-1/4	3		4	5/16	338.9	.1961	372.8	.2157	9	4.04	35.3	8
300-215	12 X 8	12-5/8	8-15/16	8-7/8	11/32	2-1/4	3-3/8		4	5/16	376.5	.2179	414.1	.2396	9	4.40	38.5	8
330-215	13 X 8	13-5/8	8-15/16	8-7/8	11/32	2-1/4	3-5/8		4	5/16	405.8	.2348	446.4	.2583	9	4.77	41.5	8
350-215	14 X 8	14-5/8	8-15/16	8-7/8	11/32	2-1/4	3		5	5/16	446.8	.2586	491.5	.2844	9	5.13	44.6	8
370-215	15 X 8	15-5/8	8-15/16	8-7/8	11/32	2-1/4	3-1/4		5	5/16	477.3	.2762	525.0	.3038	9	5.50	47.4	8
400-215	16 X 8	16-5/8	8-15/16	8-7/8	3/8	2-1/4	2-7/8		6	5/16	531.5	.3076	584.7	.3383	9	5.78	49.7	8
450-215	18 X 8	18-5/8	8-15/16	8-7/8	25/64	2-1/4	3-1/8		6	5/16	587.0	.3397	645.7	.3737	9	6.68	56.9	8
500-215	20 X 8	20-5/8	9	9-1/16	13/32	2-1/4	3-1/2		6	5/16	670.0	.3877	737.0	.4265	9	7.84	68.8	8
400-230	16 X 9	16-3/4	10-1/8	10-3/16	7/16	2-1/2	2-7/8		6	5/16	639.4	.3700	703.3	.4070	10	8.31	53.0	6
500-230	20 X 9	20-3/4	10-1/8	10-3/16	15/32	2-1/2	3-1/2		6	5/16	801.3	.4637	881.4	.5101	10	10.42	66.1	6

STYLE U-HD BUCKETS fit Universal Industries Elevators

③ 120-80	4 X 3	3-7/8	3	3-1/16	3/16	7/8	1-7/8		2	1/4	11.8	.0068	13.0	.0075	3-1/4	0.23	6.4	24
160-120	6 X 4	6-3/8	4-1/4	4-3/16	13/64	1-1/2	2-3/4		2	1/4	36.8	.0213	40.5	.0234	4-1/4	0.74	19.0	24
180-120	7 X 4-1/2	7-3/8	4-1/2	4-3/16	13/64	1-1/2	2-1/2		3	1/4	46.0	.0266	50.6	.0293	5	0.81	20.6	24
230-150	9 X 5-1/2	9-9/16	5-5/8	5-3/8	1/4	1-3/4	1-3/4	3-1/2	4	1/4	101.8	.0589	112.0	.0648	6	1.38	35.2	24
④ 500-150	20 X 5-1/2	20-9/16	6	5-1/2	13/32	2	1-3/4	3-1/4	7	1/4	163.3	.0945	179.6	.1039	6	3.20	55.5	16
280-160	11 X 5-1/2	11-9/16	6-3/4	6-1/4	1/4	1-3/4	1-3/4	2-3/4	5	1/4	180.3	.1043	198.3	.1148	6	2.26	57.3	24
280-180	11 X 7	11-5/8	7-15/16	7-7/16	9/32	2	3-1/8		4	5/16	243.6	.1410	268.0	.1551	8	3.29	28.9	8
300-215	12 X 8	12-5/8	8-15/16	8-7/8	11/32	2-1/4	3-3/8		4	1/4	376.5	.2179	414.1	.2396	9	4.40	38.5	8
350-215	14 X 8	14-5/8	8-15/16	8-7/8	11/32	2-1/4	3		5	1/4	446.8	.2586	491.5	.2844	9	5.13	44.6	8

① Tapco recommends using WL (water level) fill + 10% for usable capacity. A gross capacity figure is no longer provided as it is inappropriate for rating an agricultural elevator bucket.
② 14 X 6 bucket was designed to fit Hunter Mfg. Grizzly elevators. ③ Universal refers to this bucket as 3-3/4 X 3 in fabricated steel, the buckets are completely interchangeable.
④ Modified (cut down) from an 8" projection bucket. ⑤ Holes Drilled 1/32" Oversize.

"LOW PROFILE" ELEVATOR BUCKETS



All Other Dimensions Typical of Tapco Style CC Buckets

"LOW PROFILE" STYLE CC-HD BUCKETS

SIZE (Nominal) Metric	SIZE (Nominal) Inches	Spacing on Belt (Min.) Inches	Depth C ± 1/8"	Down D ± 1/4"	Polyethylene Capacity WL① Tolerance ± 3% Cu. In.	Polyethylene Capacity WL① Tolerance ± 3% Cu. Ft.	◆ Weight Pounds (Average)	Urethane Capacity WL① Tolerance ± 3% Cu. In.	Urethane Capacity WL① Tolerance ± 3% Cu. Ft.	◆ Weight Pounds (Average)	Nylon Capacity WL① Tolerance ± 3% Cu. In.	Nylon Capacity WL① Tolerance ± 3% Cu. Ft.	◆ Weight Pounds (Average)
80-60	3 X 2	2	2	3/8	6.0	.0035	.11	6.2	.0036	0.14	6.2	.0036	0.12
120-80	4 X 3	3	3	5/8	16.8	.0097	.23	17.5	.0101	0.32	17.5	.0101	0.25
140-120	5 X 4	3	2-3/4	5/8	35.8	.0207	.38	37.2	.0215	0.51	37.2	.0215	0.42
160-120	6 X 4	3	2-3/4	5/8	43.3	.0251	.44	45.0	.0260	0.60	45.0	.0260	0.49
180-120	7 X 4	3	2-3/4	5/8	49.7	.0288	.49	51.7	.0299	0.67	51.7	.0299	0.55
160-140	6 X 5	4	3-3/4	3/4	68.3	.0395	.37	71.0	.0411	0.91	71.0	.0411	0.75
180-140	7 X 5	4	3-3/4	3/4	75.8	.0439	.82	78.8	.0456	1.11	78.8	.0456	0.96
200-140	8 X 5	4	3-3/4	3/4	85.4	.0494	.94	88.8	.0514	1.28	88.8	.0514	1.11
230-140	9 X 5	4	3-3/4	3/4	97.9	.0567	.86	101.8	.0589	1.18	101.8	.0589	1.02
260-140	10 X 5	4	3-3/4	3/4	113.5	.0657	1.05	118.0	.0683	1.39	118.0	.0683	1.18
280-140	11 X 5	4	3-3/4	3/4	127.2	.0736	1.07	132.2	.0766	1.63	132.2	.0766	1.23
300-140	12 X 5	4	3-3/4	3/4	143.1	.0828	1.20	148.8	.0861	1.84	148.8	.0861	1.55
200-160	8 X 6	5	4-3/4	1	124.5	.0720	1.14	129.5	.0749	1.49	129.5	.0749	1.20
230-160	9 X 6	5	4-3/4	1	135.9	.0786	1.22	141.3	.0818	1.71	141.3	.0818	1.46
260-160	10 X 6	5	4-3/4	1	150.4	.0870	1.31	156.4	.0905	1.80	156.4	.0905	1.60
280-160	11 X 6	5	4-3/4	1	173.4	.1003	1.43	180.3	.1043	1.90	180.3	.1043	1.65
300-160	12 X 6	5	4-3/4	1	185.4	.1073	1.58	192.8	.1116	2.14	192.8	.1116	1.80
330-160	13 X 6	5	4-3/4	1	203.8	.1179	1.64	212.0	.1227	2.22	212.0	.1227	1.90
② 350-160	14 X 6	5	4-3/4	1	198.3	.1148	1.70	206.2	.1193	2.45	206.2	.1193	2.16
260-180	10 X 7	6	5-3/4	1-1/4	219.4	.1270	1.90	228.2	.1321	2.58	228.2	.1321	2.25
280-180	11 X 7	6	5-3/4	1-1/4	234.2	.1355	2.06	243.6	.1410	2.90	243.6	.1410	2.43
300-180	12 X 7	6	5-3/4	1-1/4	248.2	.1436	2.08	258.1	.1494	2.91	258.1	.1494	2.46
330-180	13 X 7	6	5-3/4	1-1/4	284.4	.1646	2.36	295.8	.1712	3.21	295.8	.1712	2.80
350-180	14 X 7	6	5-3/4	1-1/4	301.9	.1747	2.49	314.0	.1817	3.28	314.0	.1817	2.89
370-180	15 X 7	6	5-3/4	1-1/4	331.4	.1918	2.71	344.7	.1995	3.83	344.7	.1995	3.08
400-180	16 X 7	6	5-3/4	1-1/4	346.5	.2005	2.77	360.4	.2086	3.85	360.4	.2086	3.23
450-180	18 X 7	6	5-3/4	1-1/4	396.7	.2296	3.24	412.6	.2388	4.50	412.6	.2388	3.96
500-180	20 X 7	6	5-3/4	1-1/4	433.3	.2508	3.60	450.6	.2608	5.00	450.6	.2608	4.40

"LOW PROFILE" STYLE CC-HD *"SUPER CAPACITY"* BUCKETS

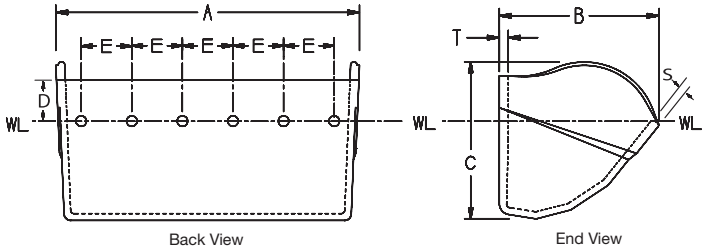
260-215	10 X 8	7	6-3/4	1-1/4	297.0	.1719	2.54	308.9	.1788	3.37	308.9	.1788	2.89
280-215	11 X 8	7	6-3/4	1-1/4	325.9	.1886	2.59	338.9	.1961	3.46	338.9	.1961	2.92
300-215	12 X 8	7	6-3/4	1-1/4	362.0	.2095	2.63	376.5	.2179	3.48	376.5	.2179	3.18
330-215	13 X 8	7	6-3/4	1-1/4	390.2	.2258	2.99	405.8	.2348	4.13	405.8	.2348	3.49
350-215	14 X 8	7	6-3/4	1-1/4	429.6	.2486	3.01	446.8	.2586	4.29	446.8	.2586	3.55
370-215	15 X 8	7	6-3/4	1-1/4	458.9	.2656	3.25	477.3	.2762	4.42	477.3	.2762	3.99
400-215	16 X 8	7	6-3/4	1-1/4	511.1	.2958	3.57	531.5	.3076	4.96	531.5	.3076	4.32
450-215	18 X 8	7	6-3/4	1-1/4	564.4	.3266	4.17	587.0	.3397	5.58	587.0	.3397	4.86
500-215	20 X 8	7	6-3/4	1-1/4	644.2	.3728	5.07	670.0	.3877	6.77	670.0	.3877	5.63
400-230	16 X 9	8	7-3/4	1-1/4	614.8	.3558	5.16	639.4	.3700	5.83	639.4	.3700	6.71
500-230	20 X 9	8	7-3/4	1-1/4	770.5	.4459	6.58	801.3	.4637	7.44	801.3	.4637	8.55

"LOW PROFILE" STYLE U-HD BUCKETS fit Universal Industries Elevators

③ 120-80	4 X 3	2-1/2	2-1/4	7/8	11.3	.0065	.16	11.8	.0068	0.21	11.8	.0068	0.18
160-120	6 X 4	3	2-3/4	7/8	35.4	.0205	.42	36.8	.0213	0.50	36.8	.0213	0.49
180-120	7 X 4-1/2	3	2-3/4	7/8	44.2	.0256	.47	46.0	.0266	0.57	46.0	.0266	0.56
230-150	9 X 5-1/2	4	3-3/4	7/8	97.9	.0567	.86	101.8	.0589	1.17	101.8	.0589	1.01
500-150	20 X 5-1/2	5	4-3/4	7/8	157.0	.0909	2.75	163.3	.0945	3.58	163.3	.0945	3.11
280-160	11 X5-1/2	5	4-3/4	1	173.4	.1003	1.48	180.3	.1043	1.90	180.3	.1043	1.72
280-180	11 X 7	6	5-3/4	1-1/4	234.2	.1355	2.06	243.6	.1410	2.90	243.6	.1410	2.44
300-215	12 X 8	7	6-3/4	1-1/4	362.0	.2095	2.63	376.5	.2179	3.48	376.5	.2179	3.18
350-215	14 X 8	7	6-3/4	1-1/4	429.6	.2486	3.01	446.8	.2586	4.29	446.8	.2586	3.55

① Tapco recommends using WL (water level) fill + 5% for usable capacity. A gross capacity figure is no longer provided as it is inappropriate for rating an agricultural elevator bucket.
② 14 X 6 bucket was designed to fit Hunter Mfg. Grizzly elevators.
③ Universal refers to this bucket as 3-3/4 X 3 in fabricated steel, the buckets are completely interchangeable. Standard Bolt Holes Drilled on the WL (Water Level) Line ± 1/4"
◆ Weights are for CC-HD buckets.

HIGH DENSITY **POLYETHYLENE** ELEVATOR BUCKETS



STYLE CC-XD "**SUPER CAPACITY**" BUCKETS

SIZE Inches (Millimeters) (Nominal)	Dimension-Actual (Inches) Tolerance A, B, C ± 1/8" T ± 1/64"					Drilling-Standard (Inches) ② Tolerance D ± 1/4"				Capacity① Tolerance ± 3%				Spacing on Belt Inches (Minimum)	Weight (Pounds)		
										WL		WL + 10%			Each (Average)	Per Carton (Average)	Number Per Carton
	Length A	Proj. B	Depth C	Thick-ness T	Thick-ness S	From Top D	Center to Center E	No. of Holes	Bolt Dia.	Cu. In.	Cu. Ft.	Cu. In.	Cu. Ft.				
11 X 7 280-180	11-11/16	7-15/16	7-7/8	3/8	1/2	2	3-3/8	4	5/16	253.5	.1467	281.7	.1630	8	3.46	31.0	8
12 X 7 300-180	12-11/16	7-15/16	7-7/8	3/8	1/2	2	3-3/8	4	5/16	277.8	.1607	305.6	.1769	8	3.82	35.0	8
13 x 7 330-180	13-11/16	7-15/16	7-7/8	3/8	1/2	2	3-5/8	4	5/16	302.0	.1747	332.2	.1442	8	4.04	36.0	8
14 X 7 350-180	14-11/16	7-15/16	7-7/8	3/8	1/2	2	3	5	5/16	326.4	.1889	359.0	.2076	8	4.22	38.0	8
15 X 7 370-180	15-11/16	7-15/16	7-7/8	3/8	1/2	2	3-1/4	5	5/16	350.7	.2030	372.6	.2156	8	4.46	40.0	8
16 X 7 400-180	16-11/16	7-15/16	7-7/8	3/8	1/2	2	2-7/8	6	5/16	374.9	.2170	386.2	.2235	8	4.69	42.0	8
12 X 8 300-215	12-11/16	9-1/16	8-7/8	1/2	1/2	2-1/4	3-3/8	4	5/16	362.0	.2095	398.2	.2304	9	4.85	43.0	8
14 X 8 350-215	14-11/16	9-1/16	8-7/8	1/2	1/2	2-1/4	3	5	5/16	429.6	.2486	472.6	.2775	9	5.26	46.0	8
16 X 8 400-215	16-11/16	9-1/16	8-7/8	1/2	1/2	2-1/4	2-7/8	6	5/16	511.1	.2958	562.2	.3254	9	5.75	50.0	8
18 X 8 450-215	18-11/16	9-1/16	8-7/8	1/2	1/2	2-1/4	3-1/8	6	5/16	564.4	.3266	620.8	.3593	9	6.59	57.0	8
20 X 8 500-215	20-11/16	9-1/16	8-7/8	1/2	1/2	2-1/4	3-1/2	6	5/16	644.2	.3728	708.6	.4101	9	7.17	64.0	8
20 X 10 500-260	20-11/16	11-5/16	11-1/8	5/8	5/8	2-3/4	3-1/2	6	3/8	960.5	.5558	1056.6	.6115	11	11.56	77.0	6

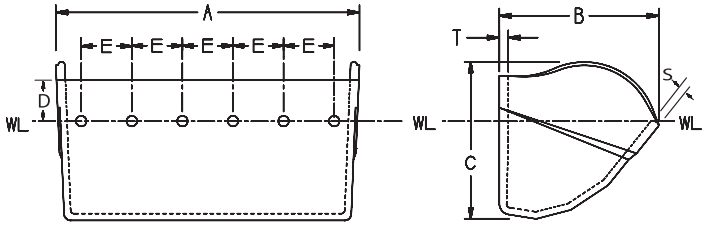
Standard Bolt Holes Drilled on the WL (Water Level) Line ± 1/4"

① Tapco recommends using WL (water level) fill + 10% for usable capacity. A gross capacity figure is no longer provided as it is inappropriate for rating an agricultural elevator bucket.

② Holes Drilled 1/32" Oversize

NOTE ON DESIGN: Over 35 years ago, Tapco Inc. introduced the first "Heavy Duty" nonmetallic elevator bucket to the agricultural industry. This bucket, manufactured in the highly proven "CC" style, soon became the standard of the industry. Now, as design engineers, manufacturers, and elevator operators demand more from their legs in both throughput and extended life, Tapco is proud to introduce its new line of "CC-XD" Xtreme Duty elevator buckets. These buckets, molded in the same "CC" style, industry proven since 1938, offer benefits not found in other brands. This allows the designer, manufacturer or operator to directly interchange existing "CC-HD" buckets with the new "CC-XD" and maintain the same precise operating parameters that are expected from a correctly engineered bucket.

SUPER TOUGH **NYLON** ELEVATOR BUCKETS



STYLE CC-XD "SUPER CAPACITY" BUCKETS

SIZE Inches (Millimeters) (Nominal)	Dimension-Actual (Inches) Tolerance A, B, C ± 1/8" T ± 1/64"					Drilling-Standard (Inches) ② Tolerance D ± 1/4"				Capacity① Tolerance ± 3%				Spacing on Belt Inches (Minimum)	Weight (Pounds)		
	Length A	Proj. B	Depth C	Thick-ness T	Thick-ness S	From Top D	Center to Center E	No. of Holes	Bolt Dia.	WL		WL + 10%			Each (Average)	Per Carton (Average)	Number Per Carton
										Cu. In.	Cu. Ft.	Cu. In.	Cu. Ft.				
11 X 7 280-180	11-11/16	7-15/16	7-7/8	3/8	1/2	2	3-3/8	4	5/16	264.1	.1528	293.4	.1698	8	3.93	36.0	8
12 X 7 300-180	12-11/16	7-15/16	7-7/8	3/8	1/2	2	3-3/8	4	5/16	288.9	.1672	317.8	.1839	8	4.27	38.0	8
13 x 7 330-180	13-11/16	7-15/16	7-7/8	3/8	1/2	2	3-5/8	4	5/16	314.1	.1818	345.5	.1999	8	4.36	39.0	8
14 X 7 350-180	14-11/16	7-15/16	7-7/8	3/8	1/2	2	3	5	5/16	339.5	.1967	373.4	.2160	8	4.60	41.0	8
15 X 7 370-180	15-11/16	7-15/16	7-7/8	3/8	1/2	2	3-1/4	5	5/16	364.7	.2111	401.2	.2321	8	4.93	44	8
16 X 7 400-180	16-11/16	7-15/16	7-7/8	3/8	1/2	2	2-7/8	6	5/16	389.9	.2256	428.9	.2482	8	5.25	46.0	8
12 X 8 300-215	12-11/16	9-1/16	8-7/8	1/2	1/2	2-1/4	3-3/8	4	5/16	376.5	.2179	414.2	.2397	9	5.38	47.0	8
14 X 8 350-215	14-11/16	9-1/16	8-7/8	1/2	1/2	2-1/4	3	5	5/16	446.8	.2586	491.5	.2844	9	6.00	52.0	8
16 X 8 400-215	16-11/16	9-1/16	8-7/8	1/2	1/2	2-1/4	2-7/8	6	5/16	531.5	.3076	584.7	.3383	9	6.56	56.0	8
18 X 8 450-215	18-11/16	9-1/16	8-7/8	1/2	1/2	2-1/4	3-1/8	6	5/16	587.0	.3397	645.7	.3737	9	7.36	63.0	8
20 X 8 500-215	20-11/16	9-1/16	8-7/8	1/2	1/2	2-1/4	3-1/2	6	5/16	670.0	.3877	737.0	.4265	9	8.04	71.0	8
20 X 10 500-260	20-11/16	11-5/16	11-1/8	5/8	5/8	2-3/4	3-1/2	6	3/8	998.9	.5781	1098.8	.6359	11	13.48	88.0	6

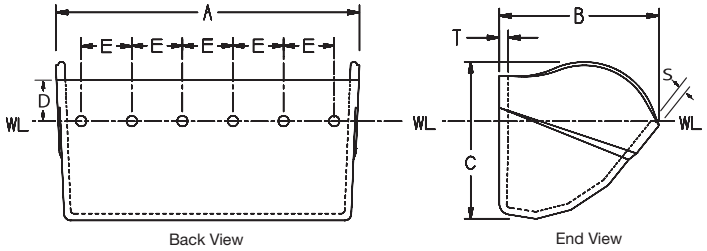
Standard Bolt Holes Drilled on the WL (Water Level) Line ± 1/4"

① Tapco recommends using WL (water level) fill + 10% for usable capacity. A gross capacity figure is no longer provided as it is inappropriate for rating an agricultural elevator bucket.

② Holes Drilled 1/32" Oversize

NOTE ON DESIGN: Over 35 years ago, Tapco Inc. introduced the first "Heavy Duty" nonmetallic elevator bucket to the agricultural industry. This bucket, manufactured in the highly proven "CC" style, soon became the standard of the industry. Now, as design engineers, manufacturers, and elevator operators demand more from their legs in both throughput and extended life, Tapco is proud to introduce its new line of "CC-XD" Xtreme Duty elevator buckets. These buckets, molded in the same "CC" style, industry proven since 1938, offer benefits not found in other brands. This allows the designer, manufacturer or operator to directly interchange existing "CC-HD" buckets with the new "CC-XD" and maintain the same precise operating parameters that are expected from a correctly engineered bucket.

SEVERE DUTY **URETHANE** ELEVATOR BUCKETS



STYLE CC-XD "SUPER CAPACITY" BUCKETS

SIZE Inches (Millimeters) (Nominal)	Dimension-Actual (Inches) Tolerance A, B, C ± 1/8" T ± 1/64"					Drilling-Standard (Inches) ② Tolerance D ± 1/4"				Capacity① Tolerance ± 3%				Spacing on Belt Inches (Minimum)	Weight (Pounds)		
										WL		WL + 10%			Each (Average)	Per Carton (Average)	Number Per Carton
	Length A	Proj. B	Depth C	Thick-ness T	Thick-ness S	From Top D	Center to Center E	No. of Holes	Bolt Dia.	Cu. In.	Cu. Ft.	Cu. In.	Cu. Ft.				
11 X 7 280-180	11-11/16	7-15/16	7-7/8	3/8	1/2	2	3-3/8	4	5/16	264.1	.1528	293.4	.1698	8	4.63	41.0	8
12 X 7 300-180	12-11/16	7-15/16	7-7/8	3/8	1/2	2	3-3/8	4	5/16	288.9	.1672	317.8	.1839	8	4.95	44.0	8
13 x 7 330-180	13-11/16	7-15/16	7-7/8	3/8	1/2	2	3-5/8	4	5/16	314.1	.1818	345.5	.1999	8	5.24	46.0	8
14 X 7 350-180	14-11/16	7-15/16	7-7/8	3/8	1/2	2	3	5	5/16	339.5	.1967	373.4	.2160	8	5.46	48.0	8
15 X 7 370-180	15-11/16	7-15/16	7-7/8	3/8	1/2	2	3-1/4	5	5/16	364.7	.2111	401.2	.2321	8	5.78	51	8
16 X 7 400-180	16-11/16	7-15/16	7-7/8	3/8	1/2	2	2-7/8	6	5/16	389.9	.2256	428.9	.2482	8	6.09	53.0	8
12 X 8 300-215	12-11/16	9-1/16	8-7/8	1/2	1/2	2-1/4	3-3/8	4	5/16	376.5	.2179	414.2	.2397	9	6.51	56.0	8
14 X 8 350-215	14-11/16	9-1/16	8-7/8	1/2	1/2	2-1/4	3	5	5/16	446.8	.2586	491.5	.2844	9	7.00	60.0	8
16 X 8 400-215	16-11/16	9-1/16	8-7/8	1/2	1/2	2-1/4	2-7/8	6	5/16	531.5	.3076	584.7	.3383	9	7.72	66.0	8
18 X 8 450-215	18-11/16	9-1/16	8-7/8	1/2	1/2	2-1/4	3-1/8	6	5/16	587.0	.3397	645.7	.3737	9	8.41	71.0	8
20 X 8 500-215	20-11/16	9-1/16	8-7/8	1/2	1/2	2-1/4	3-1/2	6	5/16	670.0	.3877	737.0	.4265	9	9.56	83.0	8
20 X 10 500-260	20-11/16	11-5/16	11-1/8	5/8	5/8	2-3/4	3-1/2	6	3/8	998.9	.5781	1098.8	.6359	11	15.35	99.0	6

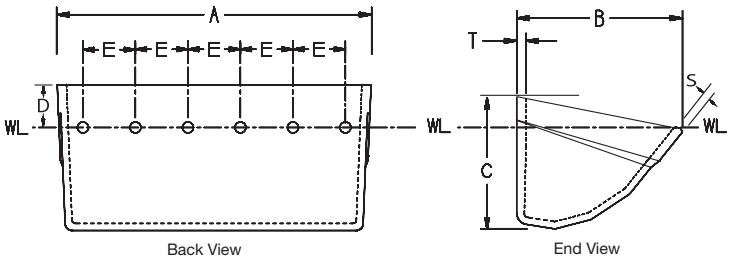
Standard Bolt Holes Drilled on the WL (Water Level) Line ± 1/4"

① Tapco recommends using WL (water level) fill + 10% for usable capacity. A gross capacity figure is no longer provided as it is inappropriate for rating an agricultural elevator bucket.

② Holes Drilled 1/32" Oversize

NOTE ON DESIGN: Over 35 years ago, Tapco Inc. introduced the first "Heavy Duty" nonmetallic elevator bucket to the agricultural industry. This bucket, manufactured in the highly proven "CC" style, soon became the standard of the industry. Now, as design engineers, manufacturers, and elevator operators demand more from their legs in both throughput and extended life, Tapco is proud to introduce its new line of "CC-XD" Xtreme Duty elevator buckets. These buckets, molded in the same "CC" style, industry proven since 1938, offer benefits not found in other brands. This allows the designer, manufacturer or operator to directly interchange existing "CC-HD" buckets with the new "CC-XD" and maintain the same precise operating parameters that are expected from a correctly engineered bucket.

"LOW PROFILE" CC-XD ELEVATOR BUCKETS



All Other Dimensions Typical of Tapco Style CC-XD Buckets

"LOW PROFILE" STYLE CC-XD *"SUPER CAPACITY"* BUCKETS

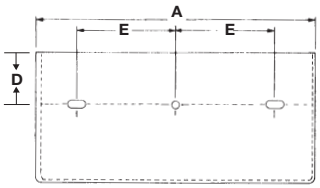
SIZE (Nominal) Metric	SIZE (Nominal) Inches	Spacing on Belt (Min.) Inches	Depth C ± 1/8"	From Top D	Polyethylene Capacity WL① Tolerance ± 3%		Weight Pounds (Average)	Urethane Capacity WL① Tolerance ± 3%		Weight Pounds (Average)	Nylon Capacity WL① Tolerance ± 3%		Weight Pounds (Average)	Number per Cartom
					Cu. In.	Cu. Ft.		Cu. In.	Cu. Ft.		Cu. In.	Cu. Ft.		
280-180	11 X 7	6	5-3/4	1	253.5	0.1467	2.85	264.1	0.1528	4.22	264.1	0.1528	3.17	9
300-180	12 X 7	6	5-3/4	1	277.8	0.1607	3.08	288.9	0.1672	4.56	288.9	0.1672	3.42	9
330-180	13 X 7	6	5-3/4	1	302.0	0.1747	3.21	314.1	0.1818	4.76	314.1	0.1818	3.57	9
350-180	14 X 7	6	5-3/4	1	326.4	0.1889	3.43	339.5	0.1967	5.08	339.5	0.1967	3.81	9
370-180	15 X 7	6	5-3/4	1	350.7	0.2030	3.64	364.7	0.2110	5.39	364.7	0.2110	4.01	9
400-180	16 X 7	6	5-3/4	1	374.9	0.2170	3.85	389.9	0.2256	5.70	389.9	0.2256	4.28	9
300-215	12 X 8	7	6-3/4	1	362.0	0.2095	3.98	362.0	0.2179	5.90	362.0	0.2179	4.42	9
350-215	14 X 8	7	6-3/4	1	429.6	0.2486	4.49	429.6	0.2586	6.65	429.6	0.2586	4.99	9
400-215	16 X 8	7	6-3/4	1	511.1	0.2958	4.82	511.1	0.3076	7.14	511.1	0.3076	5.36	9
450-215	18 X 8	7	6-3/4	1	564.4	0.3266	5.53	564.4	0.3397	8.19	564.4	0.3397	6.14	9
500-215	20 X 8	7	6-3/4	1	644.2	0.3728	6.05	644.2	0.3877	8.96	644.2	0.3877	6.72	9
500-260	20 X 10	9	8-3/4	1-1/2	960.5	0.5558	10.2	998.9	0.5781	15.11	998.9	0.5781	11.33	9

Standard Bolt Holes Drilled on the WL (Water Level) Line ± 1/4"

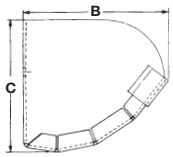
① Tapco recommends using WL (water level) fill + 5% for usable capacity. A gross capacity figure is no longer provided as it is inappropriate for rating an agricultural elevator bucket.

NOTE ON DESIGN: Over 35 years ago, Tapco Inc. introduced the first "Heavy Duty" nonmetallic elevator bucket to the agricultural industry. This bucket, manufactured in the highly proven "CC" style, soon became the standard of the industry. Now, as design engineers, manufacturers, and elevator operators demand more from their legs in both throughput and extended life, Tapco introduces its "CC-XD" Xtreme Duty elevator buckets. These buckets, molded in the same "CC" style, industry proven since 1938, offer benefits not found in other brands. This allows the designer, manufacturer or operator to directly interchange existing "CC-HD" buckets with the new "CC-XD" and maintain the same precise operating parameters that are expected from a correctly engineered bucket.

FABRICATED STEEL ELEVATOR BUCKETS



Back View



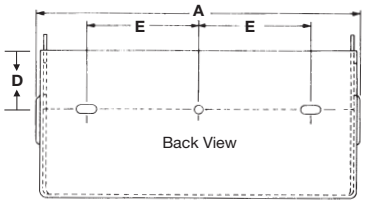
End View

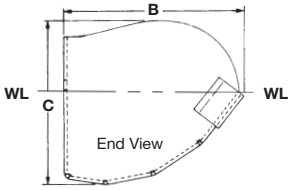
STYLE CC-B BUCKETS

SIZE (Nominal) Millimeter	SIZE (Nominal) Inches	Dimensions-Actual (Inches) Tolerance A, B & C ±1/4"				Drilling-Standard (Inches) Holes Punched 1/16" Oversize				Weight (Average) Pounds	Bucket Capacity Gross ① 100%	Number Per Carton
		Length A	Proj. B	Depth C	Gauge	Distance Down D	Center to Center E	Number Of Holes	Bolt Diameter			
120-80	4 X 3	4	3-3/16	2-11/16	16	7/8	2-1/2	2	1/4	.62	22	24
120-120	4 X 4	4	4-3/16	4	18	1-3/4	2-1/2	2	1/4	.90	39	24
140-120	5 X 4	5	4-3/16	4	18	1-3/4	3-3/16	2	1/4	.95	52	24
160-120	6 X 4	6	4-3/16	4	18	1-3/4	4-3/8	2	1/4	1.10	62	24
180-120	7 X 4	7	4-3/16	4	18	1-3/4	2-11/16	3	1/4	1.25	70	24
200-120	8 X 4	8	4-3/16	4	18	1-3/4	3-1/16	3	1/4	1.50	79	24
230-120	9 x 4	9	4-3/16	4	18	1-3/4	3-5/8	3	1/4	1.70	90	24
160-140	6 X 5	6	5-1/4	5	16	1-7/8	4-3/8	2	1/4	1.60	94	24
180-140	7 X 5	7	5-1/4	5	16	1-7/8	2-11/16	3	1/4	1.75	110	24
200-140	8 X 5	8	5-1/4	5	16	1-7/8	3-1/16	3	1/4	2.00	125	24
230-140	9 X 5	9	5-1/4	5	16	1-7/8	3-5/8	3	1/4	2.50	140	24
260-140	10X 5	10	5-1/4	5	16	1-7/8	4-1/8	3	1/4	2.70	155	24
280-140	11X 5	11	5-1/4	5	16	1-7/8	3	4	1/4	2.90	170	24
300-140	12X 5	12	5-1/4	5	16	1-7/8	3-3/8	4	1/4	3.00	185	24
180-160	7 x 6	7	6-5/16	6	16	2-3/16	2-11/16	3	1/4	2.85	155	24
200-160	8 X 6	8	6-5/16	6	16	2-3/16	3-1/16	3	1/4	3.10	178	24
230-160	9 X 6	9	6-5/16	6	16	2-3/16	3-5/8	3	1/4	3.40	202	24
260-160	10X 6	10	6-5/16	6	16	2-3/16	4-1/8	3	1/4	3.50	222	24
280-160	11X 6	11	6-5/16	6	16	2-3/16	3	4	1/4	3.75	244	24
300-160	12X 6	12	6-5/16	6	16	2-3/16	3-3/8	4	1/4	4.00	267	24
330-160	13X 6	13	6-5/16	6	16	2-3/16	3-5/8	4	1/4	4.50	289	12
350-160	14X 6	14	6-5/16	6	16	2-3/16	3	5	1/4	4.75	312	12
215-180	8 X 7	8	7-3/16	7	14	3-3/16	3-1/16	3	5/16	4.60	242	8
230-180	9 X 7	9	7-3/16	7	14	3-3/16	3-5/8	3	5/16	4.80	276	8
260-180	10X 7	10	7-3/16	7	14	3-3/16	4-1/8	3	5/16	5.00	302	8
280-180	11X 7	11	7-3/16	7	14	3-3/16	3	4	5/16	5.25	333	8
300-180	12X 7	12	7-3/16	7	14	3-3/16	3-3/8	4	5/16	6.25	362	8
330-180	13X 7	13	7-3/16	7	14	3-3/16	3-5/8	4	5/16	6.75	393	8
350-180	14X 7	14	7-3/16	7	14	3-3/16	3	5	5/16	7.00	424	8
370-180	15X 7	15	7-3/16	7	14	3-3/16	3-1/4	5	5/16	7.50	454	8
400-180	**16 X 7	16	7-3/16	7	14	3-3/16	2-7/8	6	5/16	8.00	486	8
450-180	**18 X 7	18	7-3/16	7	14	3-3/16	3-1/8	6	5/16	8.50	544	8
500-180	**20 X 7	20	7-3/16	7	14	3-3/16	3-1/2	6	5/16	9.25	605	8
560-180	**22 X 7	22	7-3/16	7	14	3-3/16	4	6	5/16	10.00	664	8
600-180	**24 X 7	24	7-3/16	7	14	3-3/16	3-1/2	7	5/16	10.75	725	8
230-215	9 x 8	9	8-1/8	8	14	3-1/2	3-5/8	3	5/16	5.60	349	8
260-215	10 X 8	10	8-1/8	8	14	3-1/2	4-1/8	3	5/16	6.10	388	8
280-215	11 X 8	11	8-1/8	8	14	3-1/2	3	4	5/16	6.75	427	8
300-215	12 X 8	12	8-1/8	8	14	3-1/2	3-3/8	4	5/16	7.50	466	8
330-215	13 X 8	13	8-1/8	8	14	3-1/2	3-5/8	4	5/16	7.75	505	8
350-215	14 X 8	14	8-1/8	8	14	3-1/2	3	5	5/16	8.25	543	8
370-215	15 X 8	15	8-1/8	8	14	3-1/2	3-1/4	5	5/16	8.50	582	8
400-215	**16 X 8	16	8-1/8	8	14	3-1/2	2-7/8	6	5/16	9.00	621	8
430-215	**17 X 8	17	8-1/8	8	14	3-1/2	3	6	5/16	9.50	660	8
450-215	**18 X 8	18	8-1/8	8	14	3-1/2	3-1/8	6	5/16	9.75	698	8
500-215	**20 X 8	20	8-1/8	8	14	3-1/2	3-1/2	6	5/16	10.75	776	8
560-215	**22 X 8	22	8-1/8	8	14	3-1/2	4	6	5/16	11.50	854	8
600-215	**24 X 8	24	8-1/8	8	14	3-1/2	3-1/2	7	5/16	12.00	931	8

①Tapco recommends using gross x .75, for usable capacity. ** Supplied with lip brace, lip brace is optional on other sizes at slightly higher cost.

STEEL "DIGGER" ELEVATOR BUCKETS





STYLE CC BUCKETS

Size (Nominal) Millimeter	Size (Nominal) Inches	Dimensions-Actual (Inches) Tolerance A,B & C ±1/4"					Drilling-Patterns (Inches) Holes drilled 1/16" oversize					Capacity① Tolerance ± 3%				Carbon Steel Weight	Stainless Steel Weight
												WL		WL + 10%			
		Length A	Proj. B	Depth C	Gauge Carbon	Gauge Stainless	Hole Shape	Distance Down D	Center to Center E	Number of Holes	Bolt Diam.	Cu. In.	Cu. Ft.	Cu. In.	Cu. Ft.		
80-60	3 X 2	3-1/2	2-5/8	2-1/16	12	14	Round	7/8	1-3/4	2	1/4	6.0	.0035	6.6	.0038	1.55	1.40
120-80	4 X 3	4-1/2	3-5/8	3-1/16	12	14	Slotted	7/8	2-1/4, 2-1/2	2	1/4	16.8	.0097	18.5	.0107	2.16	1.60
140-120	5 X 4	5-1/2	4-3/4	4-1/16	12	14	Round	1-1/4	3-3/16	2	1/4	35.8	.0207	39.4	.0228	2.47	2.00
160-120	6 X 4	6-1/2	4-3/4	4-1/16	12	14	Slotted	1-1/4	4-3/8, 4-1/2	2	1/4	43.3	.0251	47.6	.0276	3.33	2.10
180-120	7 X 4	7-1/2	4-3/4	4-1/16	12	14	Slotted	1-1/4	2-11/16, 2-5/8	3	1/4	49.7	.0288	54.7	.0316	3.12	2.16
160-140	6 X 5	6-5/8	5-5/8	5-1/16	10	14	Slotted	1-1/2	4-3/8, 4-1/2	2	1/4	68.3	.0395	75.1	.0435	4.73	2.96
180-140	7 X 5	7-5/8	5-5/8	5-1/16	10	14	Slotted	1-1/2	2-5/8, 2-11/16	3	1/4	75.8	.0439	83.4	.0483	5.07	3.03
200-140	8 X 5	8-5/8	5-5/8	5-1/16	10	14	Round	1-1/2	3-1/16	3	1/4	85.4	.0494	93.9	.0544	5.52	3.32
230-140	9 X 5	9-5/8	5-5/8	5-1/16	10	14	Slotted	1-1/2	3-1/4, 3-1/2, 3-5/8	3 *	1/4	97.9	.0567	107.7	.0623	6.00	3.58
260-140	10 X 5	10-5/8	5-5/8	5-1/16	10	14	Slotted	1-1/2	4, 4-1/8	3	1/4	113.5	.0657	124.9	.0723	6.73	3.78
280-140	11 X 5	11-5/8	5-5/8	5-1/16	10	14	Slotted	1-1/2	3, 3-1/8	4	1/4	127.2	.0736	139.9	.0766	7.26	4.10
300-140	12 X 5	12-5/8	5-5/8	5-1/16	10	14	Round	1-1/2	3-3/8	4	1/4	143.1	.0828	157.4	.0911	8.37	4.34
200-160	8 X 6	8-5/8	6-7/8	6-1/16	10	14	Slotted	1-3/4	2-11/16, 3-1/16	3	1/4	124.5	.0720	137.0	.0793	7.69	4.50
230-160	9 X 6	9-5/8	6-7/8	6-1/16	10	14	Slotted	1-3/4	3-1/2, 3-5/8	3	1/4	135.9	.0786	149.5	.0865	8.00	4.60
260-160	10 X 6	10-5/8	6-7/8	6-1/16	10	14	Slotted	1-3/4	4, 4-1/8	3	1/4	150.4	.0870	165.4	.0957	9.78	4.83
280-160	11 X 6	11-5/8	6-7/8	6-1/16	10	14	Slotted	1-3/4	2-7/8, 3	4	1/4	173.4	.1003	190.7	.1104	8.71	5.00
300-160	12 X 6	12-5/8	6-7/8	6-1/16	10	14	Slotted	1-3/4	3-1/4, 3-3/8	4	1/4	185.4	.1073	203.9	.1180	9.08	5.52
330-160	13 X 6	13-5/8	6-7/8	6-1/16	10	14	Round	1-3/4	3-5/8	4	1/4	203.8	.1179	224.2	.1297	10.13	5.60
350-160	14 X 6	14-1/4	6-7/8	5-7/8	10	14	Round	1-3/4	3	5	1/4	198.3	.1148	218.1	.1262	10.53	7.60
260-180	10 X 7	10-5/8	8	7-1/16	10	14	Slotted	2	4, 4-1/8	3	5/16	219.4	.1270	241.3	.1397	10.31	5.70
280-180	11 X 7	11-5/8	8	7-1/16	10	14	Round	2	3	4	5/16	234.2	.1355	257.6	.1491	10.41	6.07
300-180	12 X 7	12-5/8	8	7-1/16	10	14	Slotted	2	3-1/4, 3-3/8	4	5/16	248.2	.1436	273.0	.1580	11.82	6.54
330-180	13 X 7	13-5/8	8	7-1/16	10	14	Round	2	3-5/8	4	5/16	284.4	.1646	312.8	.1810	12.16	6.80
350-180	14 X 7	14-5/8	8	7-1/16	10	14	Round	2	3	5	5/16	301.9	.1747	332.1	.1922	12.38	7.20
370-180	15 X 7	15-5/8	8	7-1/16	10	14	Round	2	3-1/4	5	5/16	331.4	.1918	364.5	.2110	15.13	8.50
400-180	16 X 7	16-5/8	8	7-1/16	10	14	Slotted	2	2-5/8, 2-7/8	6	5/16	346.5	.2005	381.2	.2206	16.14	9.10
450-180	18 X 7	18-5/8	8	7-1/16	10	14	Round	2	3-1/8	6	5/16	396.7	.2296	436.4	.2525	18.25	10.30
500-180	20 X 7	20-5/8	8	7-1/16	10	14	Round	2	3-1/2	6	5/16	433.3	.2508	476.6	.2758	20.27	11.40

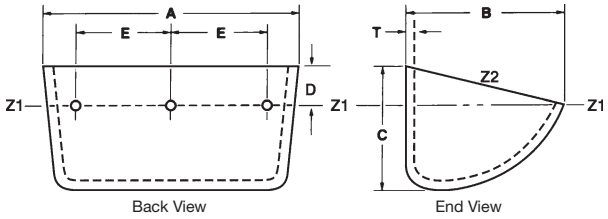
* Two extra holes on 3-1/2 centers are provided to accommodate Universal Industries standard four hole pattern

STYLE CC "SUPER CAPACITY" BUCKETS

260-215	10 X 8	10-3/4	9	8-3/16	10	12	Round	2-1/4	4-1/8	3	5/16	297.0	.1719	326.7	.1891	12.30	9.70
280-215	11 X 8	11-3/4	9	8-3/16	10	12	Round	2-1/4	3	4	5/16	325.9	.1886	358.5	.2075	13.52	10.60
300-215	12 X 8	12-3/4	9	8-3//16	10	12	Slotted	2-1/4	3-1/4, 3-3/8	4	5/16	362.0	.2095	398.2	.2304	14.70	11.60
330-215	13 X 8	13-3/4	9	8-3/16	10	12	Round	2-1/4	3-5/8	4	5/16	390.2	.2258	429.2	.2484	14.87	12.60
350-215	14 X 8	14-3/4	9	8-3/16	10	12	Round	2-1/4	3	5	5/16	429.6	.2486	472.6	.2735	15.05	13.00
370-215	15 X 8	15-3/4	9	8-3/16	10	12	Round	2-1/4	3-1/4	5	5/16	458.9	.2656	504.8	.2921	15.23	14.00
400-215	16 X 8	16-3/4	9	8-3/16	10	12	Slotted	2-1/4	2-5/8, 2-7/8	6	5/16	511.1	.2958	562.2	.3254	15.86	14.30
450-215	18 X 8	18-3/4	9	8-13/16	10	12	Round	2-1/4	3-1/8	6	5/16	564.4	.3266	620.8	.3593	18.25	16.40
500-215	20 X 8	20-7/8	9-1/4	8-15/16	10	12	Round	2-1/4	3-1/2	6	5/16	644.2	.3728	708.6	.4101	22.77	16.80
400-230	16 X 9	16-7/8	10-1/4	10-3/16	10	12	Round	2-1/2	2-7/8	6	5/16	614.8	.3558	676.3	.3914	24.80	19.50
500-230	20 X 9	20-7/8	10-1/4	10-3/16	10	12	Round	2-1/2	3-1/2	6	5/16	770.5	.4459	847.6	.4905	31.00	24.31
500-260	20X10	21	11-1/2	11-3/8	10	12	Round	2-3/4	3-1/2	6	3/8	960.5	.5558	1056.6	.6115	40.64	31.86

① Tapco recommends using WL (water level) + 10% for usable capacity. A gross capacity figure is no longer provided as it is inappropriate for rating an agricultural elevator bucket. *All sizes of Digger buckets can be manufactured in a low profile configuration for these applictions. Digger buckets are manufactured to be greater in projection and length than non-metellic buckets. Exact dimensions will vary by gauge of material used.*

HIGH DENSITY **POLYETHYLENE** ELEVATOR BUCKETS



STYLE SUPER EUROBUCKET

SIZE (Millimeters) Inches Nominal	Dimension-Actual (mm) Inches Tolerance A, B, C ± (3.0mm) G, T ± (0.4mm) Tolerance A, B, C ± 1/8" G, T ± 1/64"				Hole Drilling-Standard (mm) Inches					Capacity (Liters) Cubic Inches Tolerance ± 3%		Spacing (Buckets / Meter ▪) Inches Between Buckets	Weight (Kg) Pounds		
	Length A	Proj. B	Depth C	Thickness T	Center to Center E	No. of Holes	Bolt Dia.	Hole Dia.	Distance Down D	Z2	Z1		Each (Average)	Per Carton (Average)	Number Per Carton
(100-90) **4 X 3-1/2**	(110) 4-5/16	(96) 3-3/4	(72) 2-7/8	(5.1) 13/64	(50) 2	2	(8) 5/16	(9.0) 11/32	(23) 7/8	(.36) 22.0	(.26) 15.9	(14.0) 3	(0.12) 0.26	(2.7) 5.9	20
(130-120) **5 X 4-1/2**	(141) 5-9/16	(127) 5	(95) 3-3/4	(5.5) 7/32	(70) 2-3/4	2	(8) 5/16	(9.0) 11/32	(28) 1-1/8	(.85) 51.9	(.63) 38.4	(10.5) 4	(0.22) 0.49	(5.0) 11.0	20
(140-120) **5-1/2 X 5**	(151) 5-15/16	(127) 5	(95) 3-3/4	(5.5) 7/32	(70) 2-3/4	2	(8) 5/16	(9.0) 11/32	(28) 1-1/8	(.92) 56.1	(.68) 41.5	(10.5) 4	(0.24) 0.53	(5.5) 12.1	20
(180-140) **7 X 5-1/2**	(193) 7-9/16	(157) 6-3/16	(118) 4-5/8	(6.5) 1/4	(100) 3-15/16	2	(8) 5/16	(9.0) 11/32	(33) 1-5/16	(1.83) 111.7	(1.37) 83.6	(8.6) 5	(0.44) 0.97	(10.0) 22.0	20
(200-140) **8 X 5-1/2**	(213) 8-3/8	(157) 6-3/16	(118) 4-5/8	(6.5) 1/4	(100) 3-15/16	2	(8) 5/16	(9.0) 11/32	(33) 1-5/16	(2.04) 124.5	(1.53) 93.4	(8.6) 5	(0.48) 1.06	(10.8) 23.8	20
(230-160) **9 X 6-1/2**	(244) 9-5/8	(168) 6-5/8	(126) 4-15/16	(6.9) 1/4	(120) 4-3/4	2	(10) *3/8	(11.0) 13/32	(35) 1-3/8	(2.71) 165.4	(2.03) 123.9	(8.0) 5	(0.62) 1.37	(12.7) 27.9	20
(280-165) **11 X 6-1/2**	(294) 11-9/16	(172) 6-3/4	(135) 5-5/16	(6.9) 1/4	(80) 3-3/16	3	(10) *3/8	(11.0) 13/32	(40) 1-5/8	(3.71) 226.4	(2.84) 173.3	(7.4) 6	(0.77) 1.69	(16.8) 37.0	20
(300-180) **12 X 7**	(315) 12-3/8	(192) 7-9/16	(144) 5-5/8	(7.7) 5/16	(100) 3-15/16	3	(10) *3/8	(11.0) 13/32	(40) 1-5/8	(4.65) 283.7	(3.49) 213.0	(7.1) 6	(1.01) 2.23	(21.4) 47.1	20
(330-215) **13 X 8-1/2**	(345) 13-9/16	(233) 9-3/16	(175) 6-7/8	(8.9) 11/32	(120) 4-3/4	3	(10) 3/8	(11.0) 13/32	(54) 2-1/8	(7.49) 457.0	(5.62) 342.9	(5.7) 7	(1.61) 3.55	(25.0) 55.0	15
(370-215) **14-1/2X8-1/2**	(385) 15-3/16	(233) 9-3/16	(175) 6-7/8	(8.9) 11/32	(90) 3-9/16	4	(10) 3/8	(11.0) 13/32	(54) 2-1/8	(8.45) 515.6	(6.35) 387.5	(5.7) 7	(1.73) 3.81	(27.3) 60.0	15

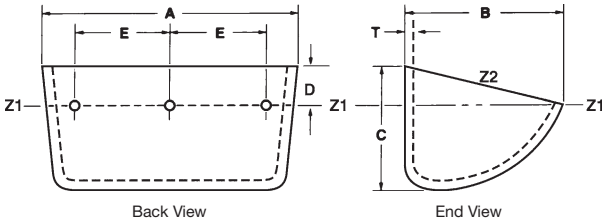
Standard Bolt Holes Drilled on the Z1 (Water Level) Line ± (6.0 mm) ± 1/4"

Super EuroBuckets are designed to replace Super Starco, Jet and other European manufactured elevator buckets. For sizes not shown, we suggest using one of the CC-HD low profile buckets to meet your needs.

* **IMPORTANT:** Buckets can be drilled for 8 mm or 10 mm bolts, please specify. 10 mm is standard.

▪ Spacing at which the maximum number of buckets per meter will physically fit the belt. This does not mean the buckets will fit and discharge perfectly at this spacing under all circumstances.

SUPER TOUGH **NYLON** ELEVATOR BUCKETS



STYLE SUPER EUROBUCKET

SIZE (Millimeters) Inches Nominal	Dimension-Actual (mm) Inches Tolerance A, B, C ± (3.0mm) G, T ± (0.4mm) Tolerance A, B, C ± 1/8" G, T ± 1/64"				Hole Drilling-Standard (mm) Inches					Capacity (Liters) Cubic Inches Tolerance ± 3%		Spacing (Buckets / Meter ▪) Inches Between Buckets	Weight (Kg) Pounds		
	Length A	Proj. B	Depth C	Thickness T	Center to Center E	No. of Holes	Bolt Dia.	Hole Dia.	Distance Down D	Z2	Z1		Each (Average)	Per Carton (Average)	Number Per Carton
(100-90) **4 X 3-1/2**	(111) 4-3/8	(96) 3-3/4	(72) 2-7/8	(5.5) 7/32	(50) 2	2	(8) 5/16	(9.0) 11/32	(23) 7/8	(.38) 22.9	(.27) 16.5	(14.0) 3	(0.13) 0.29	(3.0) 6.6	20
(130-120) **5 X 4-1/2**	(143) 5-5/8	(127) 5	(95) 3-3/4	(5.5) 7/32	(70) 2-3/4	2	(8) 5/16	(9.0) 11/32	(28) 1-1/8	(.89) 54	(.65) 39.9	(10.5) 4	(0.25) 0.55	(5.5) 12.1	20
(140-120) **5-1/2 X 5**	(152) 6	(127) 5	(95) 3-3/4	(6.5) 1/4	(70) 2-3/4	2	(8) 5/16	(9.0) 11/32	(28) 1-1/8	(.96) 58.3	(.71) 43.2	(10.5) 4	(0.27) 0.59	(5.8) 12.7	20
(180-140) **7 X 5-1/2**	(194) 7-5/8	(157) 6-3/16	(118) 4-5/8	(6.5) 5/16	(100) 3-15/16	2	(8) 5/16	(9.0) 11/32	(33) 1-5/16	(1.90) 116.2	(1.42) 86.9	(8.6) 5	(0.50) 1.10	(10.9) 24.1	20
(200-140) **8 X 5-1/2**	(214) 8-7/16	(157) 6-3/16	(118) 4-5/8	(7.7) 5/16	(100) 3-15/16	2	(8) 5/16	(9.0) 11/32	(33) 1-5/16	(2.12) 1295	(1.59) 97.1	(8.6) 5	(0.51) 1.12	(11.4) 25.2	20
(230-160) **9 X 6-1/2**	(246) 9-11/16	(168) 6-5/8	(126) 4-15/16	(7.7) 5/16	(120) 4-3/4	2	(10) *3/8	(11.0) 13/32	(35) 1-3/8	(2.82) 172.0	(2.11) 128.9	(8.0) 5	(0.71) 1.56	(14.6) 32.3	20
(280-165) **11 X 6-1/2**	(295) 11-5/8	(172) 6-3/4	(135) 5-5/16	(7.7) 5/16	(80) 3-3/16	3	(10) *3/8	(11.0) 13/32	(40) 1-5/8	(3.86) 235.5	(2.95) 180.2	(7.4) 6	(0.86) 1.89	(18.4) 40.5	20
(300-180) **12 X 7**	(316) 12-7/16	(192) 7-9/16	(144) 5-5/8	(7.7) 5/16	(100) 3-15/16	3	(10) *3/8	(11.0) 13/32	(40) 1-5/8	(4.83) 295.0	(3.63) 221.5	(7.1) 6	(1.13) 2.49	(27.6) 52.1	20
(330-215) **13 X 8-1/2**	(346) 13-5/8	(233) 9-3/16	(175) 6-7/8	(9.5) 3/8	(120) 4-3/4	3	(10) 3/8	(11.0) 13/32	(54) 2-1/8	(7.79) 475.3	(5.84) 356.6	(5.7) 7	(1.79) 3.95	(28.9) 63.3	15
(370-215) **14-1/2X8-1/2**	(387) 15-1/4	(233) 9-3/16	(175) 6-7/8	(9.5) 3/8	(90) 3-9/16	4	(10) 3/8	(11.0) 13/32	(54) 2-1/8	(8.79) 536.2	(6.60) 403.0	(5.7) 7	(1.96) 4.32	(31.8) 70.0	15

Standard Bolt Holes Drilled on the Z1 (Water Level) Line ± (6.0 mm) ± 1/4"

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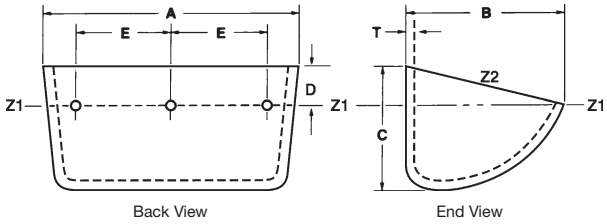
SEVERE DUTY **URETHANE** ELEVATOR BUCKETS



STYLE SUPER EUROBUCKET

SIZE (Millimeters) Inches Nominal	Dimension-Actual (mm) Inches Tolerance A, B, C ± (3.0mm) G, T ± (0.4mm) Tolerance A, B, C ± 1/8" G, T ± 1/64"				Hole Drilling-Standard (mm) Inches					Capacity (Liters) Cubic Inches Tolerance ± 3%		Spacing (Buckets / Meter ▪) Inches Between Buckets	Weight (Kg) Pounds		
	Length A	Proj. B	Depth C	Thickness T	Center to Center E	No. of Holes	Bolt Dia.	Hole Dia.	Distance Down D	Z2	Z1		Each (Average)	Per Carton (Average)	Number Per Carton
(100-90) **4 X 3-1/2**	(111) 4-3/8	(96) 3-3/4	(72) 2-7/8	(5.5) 7/32	(50) 2	2	(8) 5/16	(9.0) 11/32	(23) 7/8	(.38) 22.9	(.27) 16.5	(14.0) 3	(0.15) 0.34	(3.5) 7.7	20
(130-120) **5 X 4-1/2**	(144) 5-11/16	(127) 5	(95) 3-3/4	(5.5) 7/32	(70) 2-3/4	2	(8) 5/16	(9.0) 11/32	(28) 1-1/8	(.89) 54	(.65) 39.9	(10.5) 4	(0.29) 0.65	(6.4) 14.1	20
(140-120) **5-1/2 X 5**	(154) 6-1/16	(127) 5	(95) 3-3/4	(6.5) 1/4	(70) 2-3/4	2	(8) 5/16	(9.0) 11/32	(28) 1-1/8	(.96) 58.3	(.71) 43.2	(10.5) 4	(0.31) 0.69	(6.9) 15.1	20
(180-140) **7 X 5-1/2**	(195) 7-11/16	(157) 6-3/16	(118) 4-5/8	(6.5) 5/16	(100) 3-15/16	2	(8) 5/16	(9.0) 11/32	(33) 1-5/16	(1.90) 116.2	(1.42) 86.9	(8.6) 5	(0.57) 1.27	(12.6) 27.9	20
(200-140) **8 X 5-1/2**	(216) 8-1/2	(157) 6-3/16	(118) 4-5/8	(7.7) 5/16	(100) 3-15/16	2	(8) 5/16	(9.0) 11/32	(33) 1-5/16	(2.12) 1295	(1.59) 97.1	(8.6) 5	(0.64) 1.40	(11.5) 25.3	20
(230-160) **9 X 6-1/2**	(248) 9-3/4	(168) 6-5/8	(126) 4-15/16	(7.7) 5/16	(120) 4-3/4	2	(10) *3/8	(11.0) 13/32	(35) 1-3/8	(2.82) 172.0	(2.11) 128.9	(8.0) 5	(0.83) 1.83	(17.6) 38.9	20
(280-165) **11 X 6-1/2**	(298) 11-3/4	(172) 6-3/4	(135) 5-5/16	(7.7) 5/16	(80) 3-3/16	3	(10) *3/8	(11.0) 13/32	(40) 1-5/8	(3.86) 235.5	(2.95) 180.2	(7.4) 6	(0.99) 2.18	(21.3) 46.9	20
(300-180) **12 X 7**	(319) 12-9/16	(192) 7-9/16	(144) 5-5/8	(7.7) 5/16	(100) 3-15/16	3	(10) *3/8	(11.0) 13/32	(40) 1-5/8	(4.83) 295.0	(3.63) 221.5	(7.1) 6	(1.33) 2.93	(28.3) 62.3	20
(330-215) **13 X 8-1/2**	(349) 13-5/8	(233) 9-3/16	(175) 6-7/8	(9.5) 3/8	(120) 4-3/4	3	(10) 3/8	(11.0) 13/32	(54) 2-1/8	(7.79) 475.3	(5.84) 356.6	(5.7) 7	(2.09) 4.61	(32.9) 72.6	15
(370-215) **14-1/2X8-1/2**	(390) 15-3/8	(233) 9-3/16	(175) 6-7/8	(9.5) 3/8	(90) 3-9/16	4	(10) 3/8	(11.0) 13/32	(54) 2-1/8	(8.79) 536.2	(6.60) 403.0	(5.7) 7	(2.46) 5.42	(38.9) 85.7	15

Standard Bolt Holes Drilled on the Z1 (Water Level) Line ± (6.0 mm) ± 1/4"

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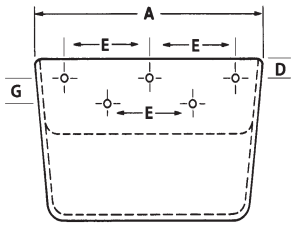
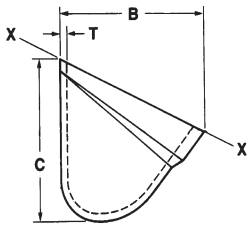
***IMPORTANT:** Buckets can be drilled for 8 mm or 10 mm bolts, please specify. 10 mm is standard.

▪ Spacing at which the maximum number of buckets per meter will physically fit the belt. This does not mean the buckets will fit and discharge perfectly at this spacing under all circumstances. Contact your bucket elevator manufacturer for spacing recommendations.

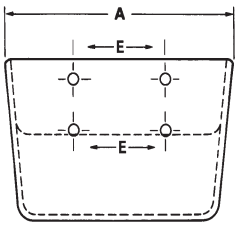
HIGH DENSITY **POLYETHYLENE** ELEVATOR BUCKETS



Back View
Belt Pattern



End View



Back View
Chain Pattern

STYLE AA BUCKETS

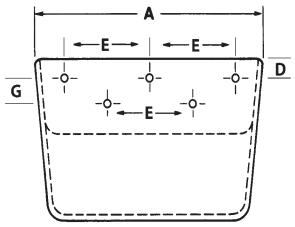
SIZE (Nominal) Millimeter	SIZE (Nominal) Inches	Dimensions-Actual (Inches) Tolerance A, B & C ±1/4" T ±1/32"				Hole Drilling-Standard (Inches) Holes Drilled 1/32" Oversize					Capacity① Tolerance ± 3%				Approx. Weight (Pounds)
											Gross X-X		Usable		
		Length A	Proj. B	Depth C	Thick-ness T	Center to Center E	Number Of Holes	Bolt Diameter	Distance Down D	Between Rows G	Cu. In.	Cu. Ft.	Cu. In.	Cu. Ft.	
120-70	4 X 2-3/4	4-1/4	3	3-1/8	3/16	2-5/16	2	1/4	3/4	--	14.7	.008	11.0	.006	0.22
140- 90	5 X 3-1/2	5-3/8	3-3/4	3-3/4	1/4	3-3/16	2	1/4	1	--	29.0	.017	21.8	.013	0.37
160-120	6 X 4	6-3/8	4-1/4	4-1/2	1/4	4-3/8	2	1/4	1	--	48.6	.028	36.4	.021	0.50
180-120	7 X 4-1/2	7-3/8	4-3/4	5	1/4	2-1/2	3	1/4	1	--	74.8	.043	56.1	.032	0.70
200-140	8 X 5	8-3/8	5-1/4	5-1/2	1/4	3	5	*1/4	7/8	1	101.0	.058	75.8	.044	1.00
260-160	10 X 6	10-1/2	6-1/2	6-5/8	1/4	3-1/2	5	*1/4	7/8	1	191.0	.111	143.2	.083	1.54
300-180	12 X 7	12-1/2	7-5/8	7-3/4	3/8	4-1/2	5	▲5/16	7/8	1	307.5	.178	230.6	.133	2.36
350-180	14 X 7	14-1/2	7-5/8	7-3/4	3/8	4	7	5/16	7/8	1	370.8	.215	278.1	.161	2.70
350-215	14 X 8	14-1/2	8-7/8	8-3/4	1/2	4	7	5/16	7/8	1	475.8	.275	356.8	.206	3.76
400-215	16 X 8	16-1/2	8-7/8	8-3/4	1/2	4-1/2	7	▲5/16	7/8	1	554.5	.321	415.9	.241	4.30
450-215	18 X 8	18-1/2	8-7/8	8-3/4	1/2	5	7	▲5/16	7/8	1	629.1	.364	471.8	.273	4.84
450-260	18 X 10	18-1/2	10-3/4	10-3/4	1/2	5	7	▲5/16	7/8	1	963.1	.557	722.3	.418	7.14

①Tapco recommends using gross x .75, for usable capacity.

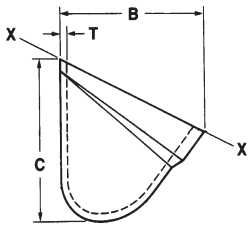
* Buckets can be drilled for 1/4" or 5/16" bolts, please specify. 1/4" is standard.

▲ Buckets can be drilled for 5/16" or 3/8" bolts, please specify. 5/16" is standard.

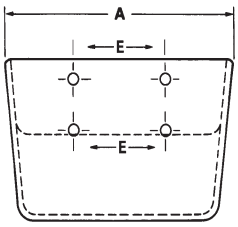
SUPER TOUGH **NYLON** ELEVATOR BUCKETS



Back View
Belt Pattern



End View



Back View
Chain Pattern

STYLE AA BUCKETS

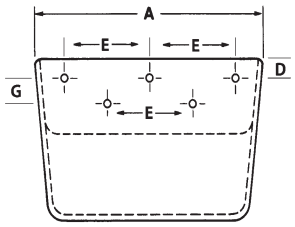
SIZE (Nominal) Millimeter	SIZE (Nominal) Inches	Dimensions-Actual (Inches) Tolerance A, B & C ±1/4" T ± 1/32"				Hole Drilling-Standard (Inches) Holes Drilled 1/32" Oversize					Capacity① Tolerance ± 3%				Approx. Weight (Pounds)
											Gross X-X		Usable		
		Length A	Proj. B	Depth C	Thick-ness T	Center to Center E	Number Of Holes	Bolt Diameter	Distance Down D	Between Rows G	Cu. In.	Cu. Ft.	Cu. In.	Cu. Ft.	
120-70	4 X 2-3/4	4-1/4	3	3-1/8	3/16	2-5/16	2	1/4	3/4	--	15.3	.009	11.5	.007	0.24
140- 90	5 X 3-1/2	5-3/8	3-3/4	3-3/4	1/4	3-3/16	2	1/4	1	--	30.2	.017	22.6	.013	0.44
160-120	6 X 4	6-3/8	4-1/4	4-1/2	1/4	4-3/8	2	1/4	1	--	50.5	.029	37.9	.022	0.60
180-120	7 X 4-1/2	7-3/8	4-3/4	5	1/4	2-1/2	3	1/4	1	--	77.8	.045	58.4	.034	0.83
200-140	8 X 5	8-3/8	5-1/4	5-1/2	1/4	3	5	*1/4	7/8	1	105.0	.061	78.8	.046	1.16
260-160	10 X 6	10-1/2	6-1/2	6-5/8	1/4	3-1/2	5	*1/4	7/8	1	198.5	.115	148.9	.086	1.72
300-180	12 X 7	12-1/2	7-5/8	7-3/4	3/8	4-1/2	5	▲5/16	7/8	1	319.6	.185	239.7	.139	2.69
350-180	14 X 7	14-1/2	7-5/8	7-3/4	3/8	4	7	5/16	7/8	1	385.4	.223	289.1	.167	3.05
350-215	14 X 8	14-1/2	8-7/8	8-3/4	1/2	4	7	5/16	7/8	1	494.6	.286	371.0	.215	4.30
400-215	16 X 8	16-1/2	8-7/8	8-3/4	1/2	4-1/2	7	▲5/16	7/8	1	576.4	.334	432.3	.251	4.89
450-215	18 X 8	18-1/2	8-7/8	8-3/4	1/2	5	7	▲5/16	7/8	1	653.9	.378	490.4	.284	5.46
450-260	18 X 10	18-1/2	10-3/4	10-3/4	1/2	5	7	▲5/16	7/8	1	1001.1	.579	750.8	.434	7.97

①Tapco recommends using gross x .75, for usable capacity.

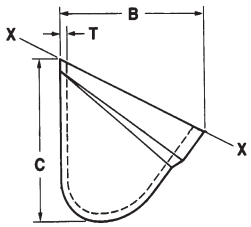
* Buckets can be drilled for 1/4" or 5/16" bolts, please specify. 1/4" is standard.

▲ Buckets can be drilled for 5/16" or 3/8" bolts, please specify. 5/16" is standard.

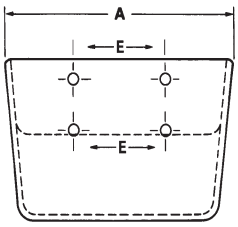
SEVERE DUTY **URETHANE** ELEVATOR BUCKETS



Back View
Belt Pattern



End View



Back View
Chain Pattern

STYLE AA BUCKETS

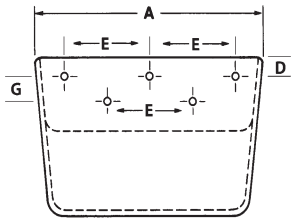
SIZE (Nominal) Millimeter	**SIZE (Nominal) Inches**	Dimensions-Actual (Inches) Tolerance A, B & C ±1/4" T ± 1/32"				Hole Drilling-Standard (Inches) Holes Drilled 1/32" Oversize					Capacity ① Tolerance ± 3%				Approx. Weight (Pounds)
		Length A	Proj. B	Depth C	Thick-ness T	Center to Center E	Number Of Holes	Bolt Diameter	Distance Down D	Between Rows G	Gross X-X		Usable		
											Cu. In.	Cu. Ft.	Cu. In.	Cu. Ft.	
120-70	**4 X 2-3/4**	4-5/16	3	3-1/8	3/16	2-5/16	2	1/4	3/4	--	15.3	.009	11.5	.007	0.29
140- 90	**5 X 3-1/2**	5-1/2	3-3/4	3-3/4	1/4	3-3/16	2	1/4	1	--	30.2	.017	22.6	.013	0.52
160-120	**6 X 4**	6-1/2	4-1/4	4-1/2	1/4	4-3/8	2	1/4	1	--	50.5	.029	37.9	.022	0.70
180-120	**7 X 4-1/2**	7-1/2	4-3/4	5	1/4	2-1/2	3	1/4	1	--	77.8	.045	58.4	.034	1.00
200-140	**8 X 5**	8-1/2	5-1/4	5-1/2	1/4	3	5	*1/4	7/8	1	105.0	.061	78.8	.046	1.23
260-160	**10 X 6**	10-5/8	6-1/2	6-5/8	5/16	3-1/2	5	*1/4	7/8	1	198.5	.115	148.9	.086	2.10
300-180	**12 X 7**	12-5/8	7-5/8	7-3/4	3/8	4-1/2	5	▲5/16	7/8	1	319.6	.185	239.7	.139	3.18
350-180	**14 X 7**	14-5/8	7-5/8	7-3/4	3/8	4	7	5/16	7/8	1	385.4	.223	289.1	.167	3.62
350-215	**14 X 8**	14-3/4	8-7/8	8-3/4	1/2	4	7	5/16	7/8	1	494.6	.286	371.0	.215	5.10
400-215	**16 X 8**	16-3/4	8-7/8	8-3/4	1/2	4-1/2	7	▲5/16	7/8	1	576.4	.334	432.3	.251	5.71
450-215	**18 X 8**	18-3/4	8-7/8	8-3/4	1/2	5	7	▲5/16	7/8	1	653.9	.378	490.4	.284	6.42
450-260	**18 X 10**	18-3/4	10-7/8	10-7/8	1/2	5	7	▲5/16	7/8	1	1001.1	.579	750.8	.434	9.41

①Tapco recommends using gross x .75, for usable capacity.

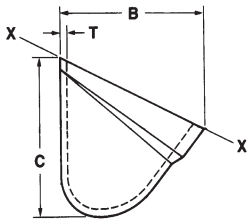
* Buckets can be drilled for 1/4" or 5/16" bolts, please specify. 1/4" is standard.

▲ Buckets can be drilled for 5/16" or 3/8" bolts, please specify. 5/16" is standard.

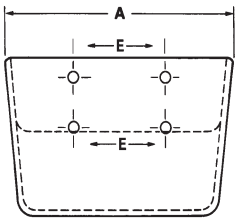
DUCTILE IRON ELEVATOR BUCKETS



Back View
Belt Pattern



End View



Back View
Chain Pattern

STYLE AA BUCKETS

SIZE (Nominal) Millimeter	SIZE (Nominal) Inches	Dimensions-Actual (Inches) Tolerance A, B & C ±1/4" T ±1/32"				Hole Drilling-Standard (Inches) Holes Drilled 1/32" Oversize					Capacity① Tolerance ± 3%				Approx. Weight (Pounds)
		Length A	Proj. B	Depth C	Thick-ness T	Center to Center E	Number Of Holes	Bolt Diameter	Distance Down D	Between Rows G	Gross X-X		Usable		
											Cu. In.	Cu. Ft.	Cu. In.	Cu. Ft.	
120-70	4 X 2-3/4	4	2-15/16	3	5/32	2-5/16	2	1/4	3/4	--	15.3	.009	11.5	.007	1.5
140-90	5 X 3-1/2	5	3-11/16	3-3/4	11/64	3-3/16	2	1/4	3/4, 1	--	30.2	.017	22.6	.013	2.4
160-120	6 X 4	6	4-3/16	4-1/4	3/16	4-3/8	2	1/4	1	--	50.5	.029	37.9	.022	3.3
180-120	7 X 4-1/2	7	4-11/16	4-3/4	3/16	2-1/2	3	1/4	1	--	77.8	.045	58.4	.034	5.1
200-140	8 X 5	8	5-1/4	5-1/2	3/16	3	5	*1/4	7/8	1	105.0	.061	78.8	.046	6.3
300-140	12 X 5	12	5-1/4	5-1/2	13/64	4-1/2	5	▲5/16	7/8	1	166.9	.096	125.2	.072	8.7
370-140	15 X 5	15	5-1/4	5-1/2	7/32	4	7	5/16	7/8	1	209.9	.122	157.4	.092	11.6
480-140	19 X 5	19	5-1/4	5-1/2	7/32	4	9	5/16	7/8	1	276.4	.160	207.3	.120	15.3
230-160	9 X 6	9	6-1/4	6-1/4	13/64	3	5	*1/4	7/8	1	159.9	.093	119.9	.070	8.9
260-160	10 X 6	10	6-1/4	6-1/4	13/64	3-1/2	5	*1/4	7/8	1	198.5	.115	148.9	.086	10.6
280-160	11 X 6	11	6-1/4	6-1/4	7/32	4	5	*1/4	7/8	1	221.8	.128	166.4	.096	10.9
300-160	12 X 6	12	6-1/4	6-1/4	7/32	4-1/2	5	▲5/16	7/8	1	233.1	.135	174.8	.101	11.3
300-180	12 X 7	12	7-5/16	7-1/4	1/4	4-1/2	5	▲5/16	7/8	1	319.6	.185	239.7	.139	13.8
◆ 300-180	12 X 7 *HD*	12	7-5/16	7-1/4	5/16	4-1/2	5	▲5/16	7/8	1	319.6	.185	239.7	.139	16.5
350-180	14 X 7	14	7-5/16	7-1/4	1/4	4	7	5/16	7/8	1	385.4	.223	289.1	.167	18.1
370-180	15 X 7	15	7-5/16	7-1/4	1/4	4	7	5/16	7/8	1	401.5	.232	301.1	.174	19.2
400-180	16 X 7	16	7-5/16	7-1/4	1/4	4-1/2	7	▲5/16	7/8	1	428.1	.248	321.1	.186	19.9
350-215	14 X 8	14	8-7/16	8-1/2	19/64	4	7	5/16	7/8	1	494.6	.286	371.0	.215	25.4
400-215	16 X 8	16	8-7/16	8-1/2	19/64	4-1/2	7	▲5/16	7/8	1	576.4	.334	432.3	.251	26.3
450-215	18 X 8	18	8-7/16	8-1/2	21/64	5	7	▲5/16	7/8	1	653.9	.378	490.4	.284	33.7
500-215	20 X 8	20	8-7/16	8-1/2	21/64	4	9	5/16	7/8	1	757.3	.438	568.0	.329	34.6
600-215	24 X 8	24	8-7/16	8-1/2	11/32	5	9	5/16	7/8	1	901.7	.522	676.3	.392	47.0
450-260	18 X 10	18	10-9/16	10-1/2	11/32	5	7	▲5/16	7/8	1	1001.1	.579	750.8	.434	43.6

◆ The HD bucket has an extra heavy duty front lip for severe applications.
① Tapco recommends using gross x .75, for usable capacity.
* Buckets can be drilled for 1/4" or 5/16" bolts, please specify. 1/4" is standard.
▲ Buckets can be drilled for 5/16" or 3/8" bolts, please specify. 5/16" is standard.

DUCTILE IRON VS. OTHER METALS

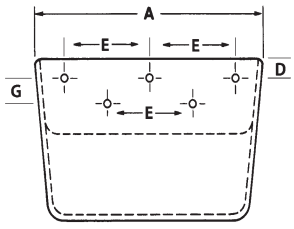
Characteristics	Ductile Iron	Malleable Iron	Gray Iron	0.3% C Cast Steel
Wear Resistance	A	C	B	D
Impact Resistance	B	C	D	A
Corrosion Resistance	A	B	A	D
Strength/Weight	A	C	D	B
Modulus of Elasticity	A	B	C	A
Vibration Damping	B	B	A	D
Surface Hardenability	A	A	A	C
Castability	A	B	A	D

BEST | A | B | C | D | WORST

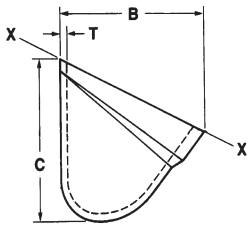
OVERALL, DUCTILE IRON HAS SUPERIOR

- ELASTICITY
- IMPACT RESISTANCE
- CORROSION RESISTANCE
- STRENGTH TO WEIGHT RATIO
- ABRASION RESISTANCE
- BRINELL HARDNESS

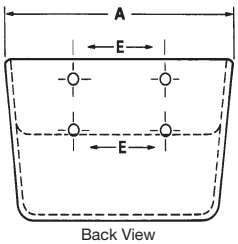
ALUMINUM ELEVATOR BUCKETS



Back View
Belt Pattern



End View



Back View
Chain Pattern

STYLE AA BUCKETS

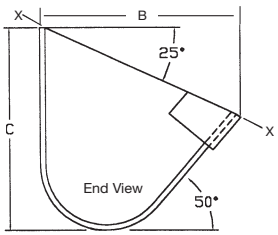
SIZE (Nominal) Millimeter	SIZE (Nominal) Inches	Dimensions-Actual (Inches) Tolerance A, B & C ±1/4" T ±1/32"				Hole Drilling-Standard (Inches) Holes Drilled 1/32" Oversize					Capacity① Tolerance ± 3%				Approx. Weight (Pounds)
		Length A	Proj. B	Depth C	Thick-ness T	Center to Center E	Number Of Holes	Bolt Diameter	Distance Down D	Between Rows G	Gross X-X		Usable		
											Cu. In.	Cu. Ft.	Cu. In.	Cu. Ft.	
120-70	4 X 2-3/4	4	2-15/16	3	5/32	2-5/16	2	1/4	3/4	--	15.3	.009	11.5	.007	0.6
140-90	5 X 3-1/2	5	3-11/16	3-3/4	11/64	3-3/16	2	1/4	3/4,1	--	30.2	.017	22.6	.013	0.9
160-120	6 X 4	6	4-3/16	4-1/4	3/16	4-3/8	2	1/4	1	--	50.5	.029	37.9	.022	1.2
180-120	7 X 4-1/2	7	4-11/16	4-3/4	3/16	2-1/2	3	1/4	1	--	77.8	.045	58.4	.034	1.4
200-140	8 X 5	8	5-1/4	5-1/2	3/16	3	5	*1/4	7/8	1	105.0	.061	78.8	.046	2.6
300-140	12 X 5	12	5-1/4	5-1/2	13/64	4-1/2	5	▲5/16	7/8	1	166.9	.096	125.2	.072	3.3
370-140	15 X 5	15	5-1/4	5-1/2	7/32	4	7	5/16	7/8	1	209.9	.122	157.4	.092	4.4
480-140	19 X 5	19	5-1/4	5-1/2	7/32	4	9	5/16	7/8	1	276.4	.160	207.3	.120	5.8
230-160	9 X 6	9	6-1/4	6-1/4	13/64	3	5	*1/4	7/8	1	159.9	.093	119.9	.070	3.4
260-160	10 X 6	10	6-1/4	6-1/4	13/64	3-1/2	5	*1/4	7/8	1	198.5	.115	148.9	.086	3.9
280-160	11 X 6	11	6-1/4	6-1/4	7/32	4	5	*1/4	7/8	1	221.8	.128	166.4	.096	4.1
300-160	12 X 6	12	6-1/4	6-1/4	7/32	4-1/2	5	▲5/16	7/8	1	233.1	.135	174.8	.101	4.3
300-180	12 X 7	12	7-5/16	7-1/4	1/4	4-1/2	5	▲5/16	7/8	1	319.6	.185	239.7	.139	6.3
350-180	14 X 7	14	7-5/16	7-1/4	1/4	4	7	5/16	7/8	1	385.4	.223	289.1	.167	7.0
370-180	15 X 7	15	7-5/16	7-1/4	1/4	4	7	5/16	7/8	1	401.5	.232	301.1	.174	7.3
400-180	16 X 7	16	7-5/16	7-1/4	1/4	4-1/2	7	▲5/16	7/8	1	428.1	.248	321.1	.186	7.6
350-215	14 X 8	14	8-7/16	8-1/2	19/64	4	7	5/16	7/8	1	494.6	.286	371.0	.215	9.0
400-215	16 X 8	16	8-7/16	8-1/2	19/64	4-1/2	7	▲5/16	7/8	1	576.4	.334	432.3	.251	10.0
450-215	18 X 8	18	8-7/16	8-1/2	21/64	5	7	▲5/16	7/8	1	653.9	.378	490.4	.284	12.2
500-215	20 X 8	20	8-7/16	8-1/2	21/64	4	9	5/16	7/8	1	757.3	.438	568.0	.329	13.0
600-215	24 X 8	24	8-7/16	8-1/2	11/32	5	9	5/16	7/8	1	901.7	.522	676.3	.392	16.3
450-260	18 X 10	18	10-9/16	10-1/2	11/32	5	7	▲5/16	7/8	1	1001.1	.579	750.8	.434	16.6

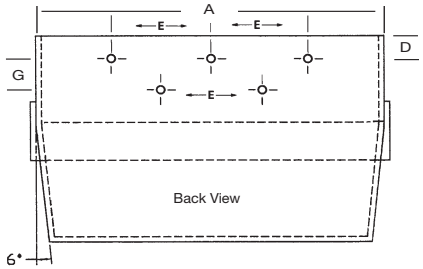
①Tapco recommends using gross x .75, for usable capacity.

* Buckets can be drilled for 1/4" or 5/16" bolts, please specify. 1/4" is standard.

▲ Buckets can be drilled for 5/16" or 3/8" bolts, please specify. 5/16" is standard.

AA FABRICATED STEEL ELEVATOR BUCKETS





STYLE AA BUCKETS

SIZE (Nominal) Millimeter	SIZE (Nominal) Inches	Dimensions-Actual (Inches) Tolerance A, B & C ±1/4"			Hole Drilling-Standard (Inches) Holes Drilled 1/32" Oversize					Capacity ① Tolerance ± 3%				Weight◆ Pounds 3/16" Steel
		Length A	Proj. B	Depth C	Center to Center E	Number Of Holes	Bolt Diameter	Distance Down D	Between Rows G	Gross X-X		Usable		
										Cu. In.	Cu. Ft.	Cu. In.	Cu. Ft.	
120-70	4 X 2-3/4	4	2-3/4	3	2-5/16	2	1/4	3/4	--	15.3	.009	11.5	.007	2.0
140-90	5 X 3-1/2	5	3-1/2	3-3/4	3-3/16	2	1/4	1	--	30.2	.017	22.6	.013	3.2
160-120	6 X 4	6	4	4-1/4	4-3/8	2	1/4	1	--	50.5	.029	37.9	.022	4.0
180-120	7 X 4-1/2	7	4-1/2	4-3/4	2-1/2	3	1/4	1	--	77.8	.045	58.4	.034	5.4
200-140	8 X 5	8	5	5-1/2	3	5	*1/4	7/8	1	105.0	.061	78.8	.046	6.6
300-140	12 X 5	12	5	5-1/2	4-1/2	5	▲5/16	7/8	1	166.9	.096	125.2	.072	9.9
370-140	15 X 5	15	5	5-1/2	4	7	5/16	7/8	1	209.9	.122	157.4	.092	12.4
480-140	19 X 5	19	5	5-1/2	4	9	5/16	7/8	1	276.4	.160	207.3	.120	15.7
230-160	9 X 6	9	6	6-1/4	3	5	*1/4	7/8	1	159.9	.093	119.9	.070	8.6
260-160	10 X 6	10	6	6-1/4	3-1/2	5	*1/4	7/8	1	198.5	.115	148.9	.086	9.8
280-160	11 X 6	11	6	6-1/4	4	5	*1/4	7/8	1	221.8	.128	166.4	.096	10.5
300-160	12 X 6	12	6	6-1/4	4-1/2	5	▲5/16	7/8	1	233.1	.135	174.8	.101	11.3
300-180	12 X 7	12	7	7-1/4	4-1/2	5	▲5/16	7/8	1	319.6	.185	239.7	.139	13.9
350-180	14 X 7	14	7	7-1/4	4	7	5/16	7/8	1	385.4	.223	289.1	.167	15.7
370-180	15 X 7	15	7	7-1/4	4	7	5/16	7/8	1	401.5	.232	301.1	.174	16.6
400-180	16 X 7	16	7	7-1/4	4-1/2	7	▲5/16	7/8	1	428.1	.248	321.1	.186	17.5
350-215	14 X 8	14	8	8-1/2	4	7	5/16	7/8	1	494.6	.286	371.0	.215	18.6
400-215	16 X 8	16	8	8-1/2	4-1/2	7	▲5/16	7/8	1	576.4	.334	432.3	.251	20.6
450-215	18 X 8	18	8	8-1/2	5	7	▲5/16	7/8	1	653.9	.378	490.4	.284	22.7
500-215	20 X 8	20	8	8-1/2	4	9	5/16	7/8	1	757.3	.438	568.0	.329	24.7
600-215	24 X 8	24	8	8-1/2	5	9	5/16	7/8	1	901.7	.522	676.3	.392	28.8
450-260	18 X 10	18	10	10-1/2	5	7	▲5/16	7/8	1	1001.1	.579	750.8	.434	28.9

①Tapco recommends using gross x .75, for usable capacity.
◆Bucket weight is determined by material and gauge. Contact Tapco for specifications.
* Buckets can be drilled for 1/4" or 5/16" bolts, please specify.
▲ Buckets can be drilled for 5/16" or 3/8" bolts, please specify. 5/16" is standard.

INDUSTRIAL STYLE FOR HANDLING:

STONE, FOUNDRY SAND, SAND & GRAVEL, COAL, FERTILIZER, CLAY, SALT, ETC.

FEATURES:

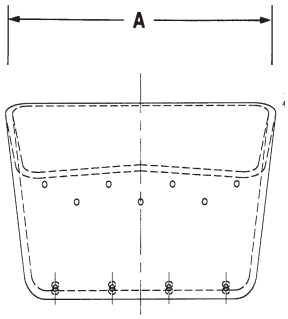
THICK REINFORCED FRONT LIP DESIGNED TO AID IN LONGER BUCKET LIFE TO HANDLE ABRASIVE MATERIALS

TECHNICAL INFORMATION:

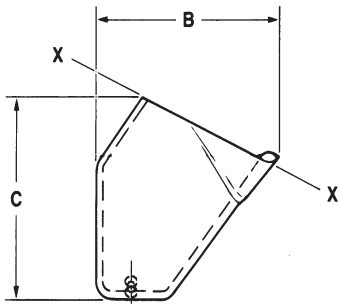
STYLE: AA.
DESIGN: Slow speed centrifugal discharge.
MATERIAL: Carbon Steel, Stainless Steel, Aluminum.
METHOD OF MANUFACTURE: Fabricated.
STANDARD CONSTRUCTION: The AA style bucket utilizes a 4-piece design consisting of two end plates, body, and wearlip with the ends continuously welded to the body. All seams are continuously welded outside and partially inside. ***The bucket will be produced after Tapco supplies a CAD drawing to be approved by customer.***
CONSTRUCTION OPTIONS: AR plate or hard bead welds.
MATERIAL THICKNESS: 12 ga., 10 ga., 7 ga. (3/16"), 1/4", 5/16", 3/8", and 1/2".
DRILLING: No charge for standard belt or chain drillings.
VENTING: Available on request, contact Tapco for recommendations.
USABLE CAPACITY: Tapco recommends using 75% of gross, (100%) capacity.
SPACING: Contact Tapco for recommendations.
INTERCHANGEABILITY: Can be intermixed with existing fabricated and non-metallic AA style buckets. If different weight buckets are mixed in, some care should be taken that the leg does not become too far out of balance. Check elevator for proper clearances. Contact Tapco for recommendations.
INSTALLATION: **On belt:** Fanged elevator bolts and nylon insert lock nuts are recommended for pulleys 6" in diameter and over. No. 3 Eclipse slotted head elevator bolts are recommended for pulleys under 6" in diameter. ***Flat steel washers must be placed inside the bucket under the nuts.***
On chain: Use Grade 5 hex head bolts with hex nuts, flat washers, and lock washers. ***Elevator bolts should not be used on chain attachments.***
CAUTION: Welding and cutting on elevator legs without taking proper precautions is extremely dangerous and can cause a violent explosion.

AVAILABLE THROUGH INDUSTRIAL DISTRIBUTORS, CONTRACTORS, AND ORIGINAL EQUIPMENT MANUFACTURERS

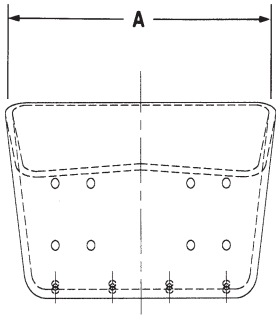
AC DUCTILE IRON ELEVATOR BUCKETS



Back View
Belt Pattern



End View



Back View
Chain Pattern

STYLE AC BUCKETS

SIZE (Nominal) Millimeter	SIZE (Nominal) Inches	Dimensions-Actual (Inches) Tolerance A, B & C ±1/4" T ± 1/32"			Capacity① Tolerance ± 3%				Iron Weight (Pounds)
		Length A	Proj. B	Depth C	Gross X-X		Usable		
					Cu. In.	Cu. Ft.	Cu. In.	Cu. Ft.	
300-215	12 X 8	12	8	8-1/2	449.3	.260	337.0	.195	25
400-215	16 X 8	16	8	8-1/2	639.4	.370	479.6	.278	35
450-260	18 X 10	18	10	10-1/2	1088.6	.630	816.5	.473	52
610-260	24 X 10	24	10	10-1/2	1520.6	.880	1140.5	.660	72

①Tapco recommends using gross x .75, for usable capacity.

DUCTILE IRON TECHNICAL INFORMATION:

STYLE: AC.
DESIGN: Centrifugal discharge.
MATERIAL: Ductile iron.
METHOD OF MANUFACTURE: Cast.
COLOR: Gray.
TEMPERATURE RANGE: -60° F to + 800° F. (-51° C to +426° C).
DRILLING: No charge for standard belt or chain drillings when order totals 50 or more pieces of the same size. Contact Tapco for quotation on orders of less than 50 and/or special drill pattern requirements.
VENTING: Standard with four 9/32" diameter holes.
USABLE CAPACITY: Tapco recommends using 75% of gross, (100%) capacity.
SPACING: A common minimum spacing would be nominal projection plus 4", however both closer and greater spacings may be used depending upon the application.

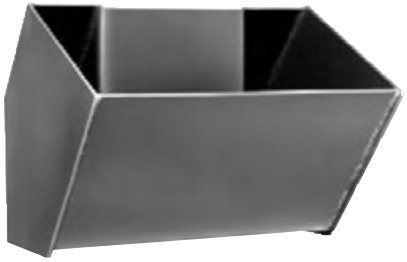
RECOMMENDATIONS: AC ductile iron buckets are ideal for use with foundry sand, gravel, coal, fertilizer, clay, salt, and many other industrial materials.
INTERCHANGEABILITY: Can be intermixed with existing cast iron, fabricated steel, or nonmetallic buckets. Some care should be taken that the leg does not become too far out of balance. Bucket projection varies by manufacturer and material. Check elevator for proper clearances. Contact Tapco for recommendations.
INSTALLATION: **On belt:** Fanged elevator bolts and nylon insert lock nuts are recommended. ***Flat steel washers must be placed inside the bucket under the nuts.***
On chain: Use Grade 5 hex head bolts with hex nuts, flat washers, and lock washers. ***Elevator bolts should not be used on chain attachments.***
CAUTION: Welding and cutting on elevator legs without taking proper precautions is extremely dangerous and can cause a violent explosion.

FABRICATED ELEVATOR BUCKETS

INDUSTRIAL STYLES

Style AA

Style AC



Style ACS

Low Front Continuous

Medium Front Continuous

High Front Continuous

High Front Overlapping Continuous

Special Continuous

Super Capacity Continuous

CUSTOM SIZES AND STYLES AVAILABLE

JUMBO™ CC-S® Ultra Heavy Duty Agricultural & Industrial Buckets

MADE IN THE USA

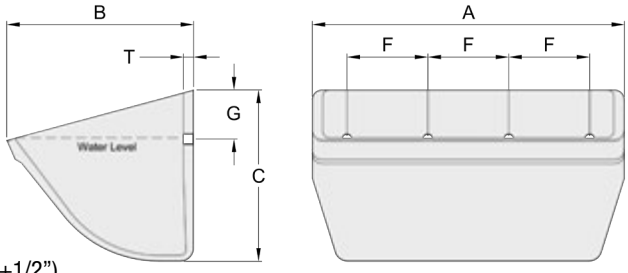
HDPE Shown

The JUMBO™ CC-S® is an ultra heavy duty version of the CC-S heavy duty elevator bucket. It is intended for the most severe applications, including port terminals, ethanol plants and highly abrasive materials. It offers the greatest capacity and thickest front lip, corners and walls available. The unique Iceberg® Edge front face delivers impact resistance and long life. It shares the proven geometry and design features of the CC-S, including the benefit of stackability, which saves on freight costs and storage space. The JUMBO™ CC-S® is molded from virgin HDPE (nylon and urethane also available) for ultra heavy duty strength and durability.

Material Virgin HDPE, nylon or urethane

Temp. Range
HDPE: -60 °F to 180 °F
Nylon: -60 °F to 300 °F
Urethane: -60 °F to 180 °F

Features
- Maximum capacity
- Ultra tough and flexible
- Thickest front lip, walls and corners for long life
- Stackable design for efficient shipping and storage
- Tapered bottom for closer vertical spacing (projection +1/2")

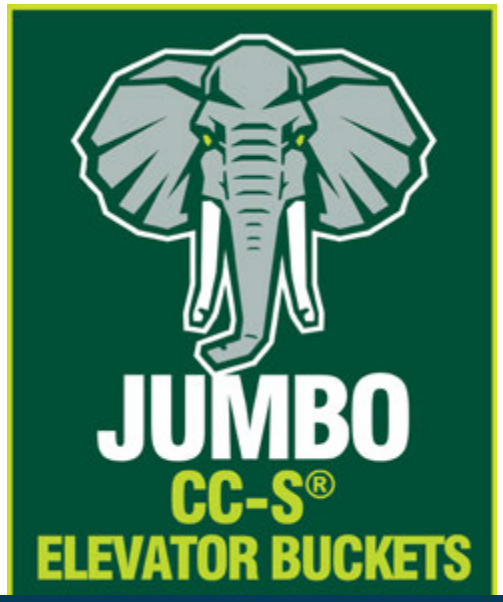


U.S. Patent D496-052

Applications Free flowing agro-industrial materials such as grains, feeds, fertilizer and pellets. Also suited for rough and abrasive materials including frac sand, cement and aggregates.

		Dimensions (in.)				Standard Punching (in.)				Capacity (cu. in.)			Weight (lb.)			
Nominal Size (in.)	Part #	Length A	Projection B	Back Depth C	Back Wall Thickness T	# Holes	Bolt Size	Hole Center F	Dist. Down G	Water Level	Water Level +10%	Minimum Spacing (in.)	HDPE Weight	Nylon Weight	Urethane Weight	Package Quantity
14 x 8	JCC-S148	14-7/8	9-1/4	8-5/16	0.51	5	5/16	3	2-3/8	451	496	8-1/2	4.80	5.52	6.48	9
16 x 8	JCC-S168	17	9-1/4	8-5/16	0.51	6	5/16	2-7/8	2-3/8	522	574	8-1/2	5.40	6.21	7.29	9
18 x 8	JCC-S188	19	9-1/4	8-5/16	0.51	6	5/16	3-1/8	2-3/8	594	653	8-1/2	6.00	6.90	8.10	9
20 x 8	JCC-S208	21	9-1/4	8-5/16	0.51	6	5/16	3-1/2	2-3/8	662	728	8-1/2	6.40	7.36	8.64	9
22 x 8	JCC-S228	23	9-1/4	8-5/16	0.53	6	5/16	4	2-3/8	726	799	8-1/2	7.20	8.28	9.72	9
24 x 8	JCC-S248	25	9-1/4	8-5/16	0.53	7	5/16	3-1/2	2-3/8	791	870	8-1/2	7.75	8.91	10.46	9

- Actual dimensions may vary slightly dependin on specified raw material
- For nylon and urethane industrial buckets, see page 24



Unique Iceberg® Edge front lip offers superior material thickness for the ultimate in wear resistance and long life. The triangular base creates a stiffening ridge across the front face of the bucket, preventing bowing and ensuring a consistent discharge over the life of the bucket.

JUMBO™ CC-S® Ultra Heavy Duty Low Profile Agricultural & Industrial Buckets

MADE IN THE USA

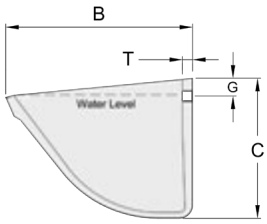
Like the standard JUMBO™ CC-S®, the low profile version has the greatest capacity and thickest front lip, corners and walls available. These buckets are designed for vertical spacing of nominal projection less "one inch" for increased capacity. 4B conservatively uses water level to calculate usable capacity on our low profile buckets.

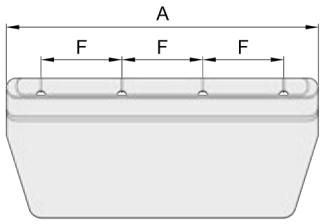
Unique to the industry, 4B manufactures the JUMBO™ CC-S® low profile style as a one piece molded unit, not a cut-down version of the standard elevator bucket. The molded design ensures consistent and accurate bucket dimensions.

Material Virgin HDPE, nylon or urethane

Temp. Range
HDPE: -60 °F to 180 °F
Nylon: -60 °F to 300 °F
Urethane: -60 °F to 180 °F

Features
- Maximum capacity
- Ultra tough and flexible
- Thickest front lip, walls and corners for long life
- Stackable design for efficient shipping and storage
- Lower back height for closer vertical spacing





U.S. Patent D496-052

Applications Free flowing agro-industrial materials such as grains, feeds, fertilizer and pellets. Also suited for rough and abrasive materials including frac sand, cement and aggregates.

		Dimensions (in.)				Standard Punching (in.)						Weight (lb.)			
Nominal Size (in.)	Part #	Length A	Projection B	Back Depth C	Back Wall Thickness T	# Holes	Bolt Size	Hole Center F	Dist. Down G	Water Level (cu. in.)	Minimum Spacing (in.)	HDPE Weight	Nylon Weight	Urethane Weight	Package Quantity
14 x 8	JCC-S148/LP	14-7/8	9-1/4	6-3/4	0.51	5	5/16	3	1-1/2	451	7	4.32	4.97	5.84	12
16 x 8	JCC-S168/LP	17	9-1/4	6-3/4	0.51	6	5/16	2-7/8	1-1/2	522	7	4.96	5.70	6.70	12
18 x 8	JCC-S188/LP	19	9-1/4	6-3/4	0.51	6	5/16	3-1/8	1-1/2	594	7	5.58	6.41	7.54	12
20 x 8	JCC-S208/LP	21	9-1/4	6-3/4	0.51	6	5/16	3-1/2	1-1/2	662	7	5.95	6.84	8.04	12
22 x 8	JCC-S228/LP	23	9-1/4	6-3/4	0.53	6	5/16	4	1-1/2	726	7	6.70	7.70	9.05	12
24 x 8	JCC-S248/LP	25	9-1/4	6-3/4	0.53	7	5/16	3-1/2	1-1/2	791	7	7.20	8.28	9.73	12

- Actual dimensions may vary slightly depending on specified raw material
- For nylon and urethane industrial buckets, see page 24

CC-S® Heavy Duty Agricultural Buckets

MADE IN THE USA

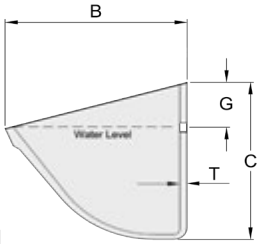
A range of heavy-duty CC style elevator buckets designed to outperform other agricultural buckets by offering greater capacities, longer life, and cleaner discharges. Unique Iceberg® Edge design with stronger front lip and maximum material thickness. With the CC-S® series stackable design, there is the added benefit of substantial freight and storage space savings. The complete CC-S® range of 35 different sizes are molded from premium virgin white HDPE (nylon and urethane available) for ultimate strength and durability.

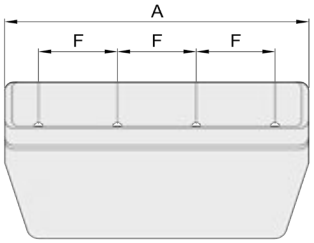
Material Virgin HDPE, nylon or urethane

Temp. Range
HDPE: -60 °F to 180 °F
Nylon: -60 °F to 300 °F
Urethane: -60 °F to 180 °F

Features
- Light weight, tough and flexible
- Reinforced front lip, walls and corners
- Stackable design for shipping and storage
- Wingless profile for closer spacing & greater capacities

Applications Free-flowing granular materials such as grain, feed, seed, food products and fertilizer.





U.S. Patent D496-052

		Dimensions (in.)				Standard Punching (in.)				Capacity (cu. in.)				
Nominal Size (in.)	Part #	Length A	Projection B	Back Depth C	Thickness T	# Holes	Bolt Size	Hole Center F	Dist. Down G	Water Level	Water Level +10%	Minimum Spacing (in.)	HDPE Weight (lb.)	Package Quantity
3 x 2	CC-S032	3-5/16	2-1/2	2-1/16	3/16	2	1/4	1-3/4	7/8	6	7	2-1/2	0.20	48
4 x 3	CC-S043	4-5/16	3-1/2	3-1/16	3/16	2	1/4	2-1/2	7/8	17	19	3-1/2	0.25	24
5 x 4	CC-S054	5-1/4	4-1/2	4-1/16	1/4	2	1/4	3-3/16	1-1/4	37	41	4-1/2	0.45	18
6 x 4*	CC-S064	6-1/4	4-1/2	4-1/16	1/4	2	1/4	4-3/8	1-1/4	45	50	4-1/2	0.52	18
7 x 4	CC-S074	7-1/4	4-1/2	4-1/16	1/4	3	1/4	2-11/16	1-1/4	53	58	4-1/2	0.58	18
6 x 5	CC-S065	6-3/8	5-1/2	5-5/32	1/4	2	1/4	4-3/8	1-7/8	70	77	5-1/2	0.82	15
7 x 5	CC-S075	7-3/8	5-1/2	5-5/32	1/4	3	1/4	2-11/16	1-7/8	83	91	5-1/2	0.91	15
8 x 5	CC-S085	8-3/8	5-1/2	5-5/32	1/4	3	1/4	3-1/16	1-7/8	95	105	5-1/2	0.99	15
9 x 5	CC-S095	9-3/8	5-1/2	5-5/32	1/4	3	1/4	3-5/8	1-7/8	107	118	5-1/2	1.10	15
10 x 5	CC-S105	10-3/8	5-1/2	5-5/32	1/4	3	1/4	4-1/8	1-7/8	120	132	5-1/2	1.20	15
11 x 5	CC-S115	11-3/8	5-1/2	5-5/32	1/4	4	1/4	3	1-7/8	132	145	5-1/2	1.30	15
12 x 5	CC-S125	12-3/8	5-1/2	5-5/32	1/4	4	1/4	3-3/8	1-7/8	145	160	5-1/2	1.37	15
8 x 6	CC-S086	8-3/8	6-5/8	6-1/16	9/32	3	1/4	3-1/16	2	136	150	6-1/2	1.24	15
9 x 6	CC-S096	9-3/8	6-5/8	6-1/16	9/32	3	1/4	3-5/8	2	154	169	6-1/2	1.37	15
10 x 6	CC-S106	10-3/8	6-5/8	6-1/16	9/32	3	1/4	4-1/8	2	172	190	6-1/2	1.50	15
11 x 6	CC-S116	11-3/8	6-5/8	6-1/16	9/32	4	1/4	3	2	190	209	6-1/2	1.58	15
12 x 6	CC-S126	12-3/8	6-5/8	6-1/16	9/32	4	1/4	3-3/8	2	209	230	6-1/2	1.72	15
13 x 6	CC-S136	13-3/8	6-5/8	6-1/16	9/32	4	1/4	3-5/8	2	227	250	6-1/2	1.85	15
14 x 6	CC-S146	14-3/8	6-5/8	6-1/16	9/32	5	1/4	3	2	240	264	6-1/2	1.96	15
10 x 7	CC-S107	10-3/4	7-7/8	7-1/16	5/16	3	5/16	4-1/8	2	241	266	7-1/2	2.30	12
11 x 7	CC-S117	11-3/4	7-7/8	7-1/16	5/16	4	5/16	3	2	267	293	7-1/2	2.43	12
12 x 7	CC-S127	12-3/4	7-7/8	7-1/16	5/16	4	5/16	3-3/8	2	292	321	7-1/2	2.65	12
13 x 7	CC-S137	13-3/4	7-7/8	7-1/16	5/16	4	5/16	3-5/8	2	317	349	7-1/2	2.82	12
14 x 7	CC-S147	14-3/4	7-7/8	7-1/16	5/16	5	5/16	3	2	343	377	7-1/2	3.02	12
15 x 7	CC-S157	15-3/4	7-7/8	7-1/16	5/16	5	5/16	3-1/4	2	368	405	7-1/2	3.20	12
16 x 7	CC-S167	16-3/4	7-7/8	7-1/16	5/16	6	5/16	2-7/8	2	393	432	7-1/2	3.37	12
10 x 8	CC-S108	10-13/16	8-15/16	8-1/4	13/32	3	5/16	4-1/8	2-3/8	316	348	8-1/2	3.17	9
11 x 8	CC-S118	11-13/16	8-15/16	8-1/4	13/32	4	5/16	3	2-3/8	349	384	8-1/2	3.42	9
12 x 8	CC-S128	12-13/16	8-15/16	8-1/4	13/32	4	5/16	3-3/8	2-3/8	384	422	8-1/2	3.65	9
13 x 8	CC-S138	13-13/16	8-15/16	8-1/4	13/32	4	5/16	3-5/8	2-3/8	417	459	8-1/2	3.88	9
14 x 8	CC-S148	14-13/16	8-15/16	8-1/4	13/32	5	5/16	3	2-3/8	451	496	8-1/2	4.15	9
15 x 8	CC-S158	15-13/16	8-15/16	8-1/4	13/32	5	5/16	3-1/4	2-3/8	484	533	8-1/2	4.35	9
16 x 8	CC-S168	16-13/16	8-15/16	8-1/4	13/32	6	5/16	2-7/8	2-3/8	517	569	8-1/2	4.52	9
18 x 8	CC-S188	18-13/16	8-15/16	8-1/4	13/32	6	5/16	3-1/8	2-3/8	586	645	8-1/2	5.07	9
20 x 8	CC-S208	20-13/16	8-15/16	8-1/4	13/32	6	5/16	3-1/2	2-3/8	652	718	8-1/2	5.51	9

* Not intended for use with Universal Industries elevator legs
- HDPE information listed in chart above, actual dimensions may vary slightly depending on specified raw material

CC-S® Heavy Duty Agricultural Buckets

CC-S Unique Design Features

Unique Iceberg® Edge heavy duty front lip with maximum material thickness and a tapered leading edge for a longer wear life. The triangular rigid design prevents bowing for a consistent discharge over the life of the bucket.

Developed as "the world's first stackable CC-style elevator bucket." CC-S® buckets nest inside one another for reduced storage and shipping space. Freight cost savings are realized as the increased shipping density offers a lower freight classification.

Shrink Wrapped Bucket Sleeves

CC-S® buckets are group bundled in individual plastic sleeves for easy transportation and storage.

Plastic sleeves are weather resistant, lightweight and recyclable.

Product Testing

Rigorous product testing on all of our material handling components is conducted at 4B's own in-house testing facilities. This ensures that we provide our customers with the best products in quality, durability and performance.

CC-S Discharge Video:
Scan the QR code or visit
www.go4b.com/cc-s

Pictured on Right -
4B's Testing Elevator #2

CC-S® Heavy Duty Low Profile Agricultural Buckets

MADE IN THE USA

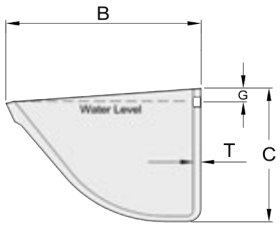
Material Virgin HDPE, nylon or urethane

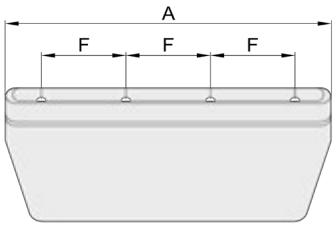
Temp. Range
HDPE: -60 °F to 180 °F
Nylon: -60 °F to 300 °F
Urethane: -60 °F to 180 °F

Features
- Lower back height for closer vertical spacing
- Light weight, tough and flexible
- Reinforced front lip, walls and corners
- Stackable design for shipping and storage

Applications Free-flowing granular materials such as grain, feed, seed, food products and fertilizer.

A range of heavy-duty low profile CC style elevator buckets designed to outperform other agricultural buckets. Just like the standard CC style, the low profile has the unique Iceberg® Edge design with stronger front lip and maximum material thickness for greater strength and longer life. These buckets are designed for vertical spacing of nominal projection less "one inch" for increased capacity. 4B conservatively uses water level to calculate usable capacity on our low profile buckets.





U.S. Patent D496-052

		Dimensions (in.)				Standard Punching (in.)							
Nominal Size (in.)	Part #	Length A	Projection B	Back Depth C	Thickness T	# Holes	Bolt Size	Hole Center F	Dist. Down G	Water Level (cu. in.)	Minimum Spacing (in.)	HDPE Weight (lb.)	Package Quantity
3 x 2	CC-S032/LP	3-5/16	2-1/2	2	3/16	2	1/4	1-3/4	1/2	6	2	0.18	48
4 x 3	CC-S043/LP	4-5/16	3-1/2	2-1/2	3/16	2	1/4	2-1/2	1/2	17	2-3/4	0.22	24
5 x 4	CC-S054/LP	5-1/4	4-1/2	3	1/4	2	1/4	3-3/16	5/8	37	3	0.41	18
6 x 4*	CC-S064/LP	6-1/4	4-1/2	3	1/4	2	1/4	4-3/8	5/8	45	3	0.48	18
7 x 4	CC-S074/LP	7-1/4	4-1/2	3	1/4	3	1/4	2-11/16	5/8	53	3	0.54	18
6 x 5	CC-S065/LP	6-3/8	5-1/2	3-3/4	1/4	2	1/4	4-3/8	1	70	4	0.78	16
7 x 5	CC-S075/LP	7-3/8	5-1/2	3-3/4	1/4	3	1/4	2-11/16	1	83	4	0.86	16
8 x 5	CC-S085/LP	8-3/8	5-1/2	3-3/4	1/4	3	1/4	3-1/16	1	95	4	0.93	16
9 x 5	CC-S095/LP	9-3/8	5-1/2	3-3/4	1/4	3	1/4	3-5/8	1	107	4	1.04	16
10 x 5	CC-S105/LP	10-3/8	5-1/2	3-3/4	1/4	3	1/4	4-1/8	1	120	4	1.12	16
11 x 5	CC-S115/LP	11-3/8	5-1/2	3-3/4	1/4	4	1/4	3	1	132	4	1.22	16
12 x 5	CC-S125/LP	12-3/8	5-1/2	3-3/4	1/4	4	1/4	3-3/8	1	145	4	1.28	16
8 x 6	CC-S086/LP	8-3/8	6-5/8	4-3/4	9/32	3	1/4	3-1/16	1	136	5	1.14	16
9 x 6	CC-S096/LP	9-3/8	6-5/8	4-3/4	9/32	3	1/4	3-5/8	1	154	5	1.28	16
10 x 6	CC-S106/LP	10-3/8	6-5/8	4-3/4	9/32	3	1/4	4-1/8	1	172	5	1.40	16
11 x 6	CC-S116/LP	11-3/8	6-5/8	4-3/4	9/32	4	1/4	3	1	190	5	1.48	16
12 x 6	CC-S126/LP	12-3/8	6-5/8	4-3/4	9/32	4	1/4	3-3/8	1	209	5	1.62	16
13 x 6	CC-S136/LP	13-3/8	6-5/8	4-3/4	9/32	4	1/4	3-5/8	1	227	5	1.70	16
14 x 6	CC-S146/LP	14-3/8	6-5/8	4-3/4	9/32	5	1/4	3	1	240	5	1.80	16
10 x 7	CC-S107/LP	10-3/4	7-7/8	5-3/4	5/16	3	5/16	4-1/8	1-1/4	241	6	2.05	15
11 x 7	CC-S117/LP	11-3/4	7-7/8	5-3/4	5/16	4	5/16	3	1-1/4	267	6	2.16	15
12 x 7	CC-S127/LP	12-3/4	7-7/8	5-3/4	5/16	4	5/16	3-3/8	1-1/4	292	6	2.40	15
13 x 7	CC-S137/LP	13-3/4	7-7/8	5-3/4	5/16	4	5/16	3-5/8	1-1/4	317	6	2.57	15
14 x 7	CC-S147/LP	14-3/4	7-7/8	5-3/4	5/16	5	5/16	3	1-1/4	343	6	2.75	15
15 x 7	CC-S157/LP	15-3/4	7-7/8	5-3/4	5/16	5	5/16	3-1/4	1-1/4	368	6	2.92	15
16 x 7	CC-S167/LP	16-3/4	7-7/8	5-3/4	5/16	6	5/16	2-7/8	1-1/4	393	6	3.08	15
10 x 8	CC-S108/LP	10-13/16	8-15/16	6-3/4	13/32	3	5/16	4-1/8	1-1/2	316	7	2.88	12
11 x 8	CC-S118/LP	11-13/16	8-15/16	6-3/4	13/32	4	5/16	3	1-1/2	349	7	3.12	12
12 x 8	CC-S128/LP	12-13/16	8-15/16	6-3/4	13/32	4	5/16	3-3/8	1-1/2	384	7	3.35	12
13 x 8	CC-S138/LP	13-13/16	8-15/16	6-3/4	13/32	4	5/16	3-5/8	1-1/2	417	7	3.56	12
14 x 8	CC-S148/LP	14-13/16	8-15/16	6-3/4	13/32	5	5/16	3	1-1/2	451	7	3.80	12
15 x 8	CC-S158/LP	15-13/16	8-15/16	6-3/4	13/32	5	5/16	3-1/4	1-1/2	484	7	4.05	12
16 x 8	CC-S168/LP	16-13/16	8-15/16	6-3/4	13/32	6	5/16	2-7/8	1-1/2	517	7	4.17	12
18 x 8	CC-S188/LP	18-13/16	8-15/16	6-3/4	13/32	6	5/16	3-1/8	1-1/2	586	7	4.70	12
20 x 8	CC-S208/LP	20-13/16	8-15/16	6-3/4	13/32	6	5/16	3-1/2	1-1/2	652	7	5.10	12

* Not intended for use with Universal Industries elevator legs
- HDPE information listed in chart above, actual dimensions may vary slightly depending on specified raw material

Big J Steel - CC StyleAgricultural Buckets

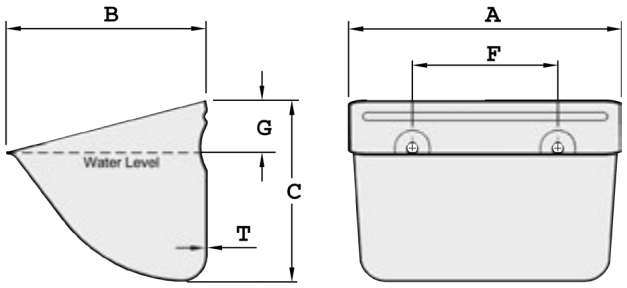
A North American grain CC style bucket made from deep drawn solid steel without any welds. The wingless design delivers lighter weight than fabricated equivalents with closer vertical spacing possible.

Material Seamless steel or stainless steel

Temp. Range Contact 4B

Features
- Pressed steel - no seams to hold residue
- Interchangeable with CC style buckets
- Compound curve delivers smooth discharge
- Wingless design allows for closer spacing

Applications Grain, feed, seeds, pellets, powders, chemicals and other granular products.



		Dimensions (in.)				Standard Punching (in.)				Capacity (cu. in.)			
Nominal Size (in.)	Part #	Length A	Projection B	Back Depth C	Thickness (Gauge) T	# Holes	Bolt Size	Hole Center F	Dist. Down G	Water Level	Water Level +10%	Minimum Spacing (in.)	Weight (lb.)
6 x 4	J64/1.2/P+R	6-1/4	4-1/4	3-7/8	18	2	1/4	4-3/8 - 4-1/2*	1-1/4	47	52	4-1/2	1.00
7 x 5	J75/1.5/P+R	7-1/4	5-3/8	4-3/4	16	3	1/4	2-11/16	1-1/2	76	83	5-1/2	1.50
8 x 5	J85/1.5/P+R	8-1/4	5-3/8	4-3/4	16	3	1/4	3-1/16	1-1/2	97	107	5-1/2	1.80
9 x 5	J95/1.5/P+R	9-1/4	5-3/8	4-3/4	16	3	1/4	3-1/2 - 3-5/8*	1-1/2	99	109	5-1/2	2.25
9 x 6	J96/2.0/P+R	9-1/4	6-3/8	6-1/16	14	3	5/16	3-1/2 - 3-5/8*	1-7/8	137	151	6-1/2	3.25
10 x 6	J106/2.0/P+R	10-5/16	6-3/8	6-1/16	14	3	5/16	4 - 4-1/8*	1-7/8	159	173	6-1/2	3.65
11 x 6	J116/2.0/P+R	11-5/16	6-3/8	6-1/16	14	4	5/16	3 - 3-1/8*	1-7/8	180	198	6-1/2	4.00
12 x 6	J126/2.0/P+R	12-5/16	6-3/8	6-1/16	14	4	5/16	3-3/8	1-7/8	191	210	6-1/2	4.50
11 x 7	J117/2.0/P+R	11-7/16	7-1/2	6-3/4	14	4	5/16	3 - 3-1/8*	2	244	268	7-1/2	4.65
12 x 7	J127/2.0/P+R	12-7/16	7-1/2	6-3/4	14	4	5/16	3-3/8	2	265	292	7-1/2	5.00
14 x 7	J147/2.0/P+R	14-7/16	7-1/2	6-3/4	14	4 or 5	3/8	4@4 - 5@3**	2	303	333	7-1/2	5.50
16 x 7	J167/2.0/P+R	16-7/16	7-1/2	6-3/4	14	6	5/16	2-7/8	2	346	381	7-1/2	6.25
14 x 8	J148/2.0/P+R	14-1/4	8-1/4	8	14	4 or 5	5/16	4@4 - 5@3**	2-1/4	388	427	8-1/2	6.40
16 x 8	J168/2.0/P+R	16-1/4	8-1/4	8	14	6	5/16	2-7/8	2-1/4	443	487	8-1/2	7.50

- All sizes have recessed bolt holes, dome washers recommended (pg 49)
* Slotted holes
** Punched bolt patterns

Starco™ Low Profile Agricultural Buckets

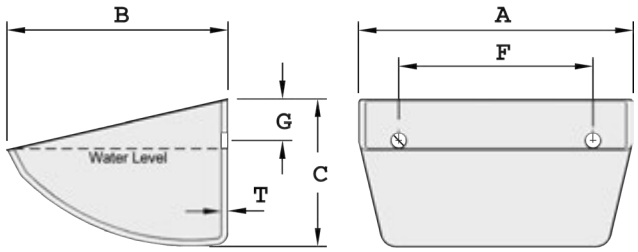
Starco™ elevator buckets are engineered for higher throughput elevator legs. Their shallow design, tapered sides and low back height ensure maximum bucket fill at high speeds on smaller pulley diameters. The unique front profile guarantees clean discharge over a wider range of operating speeds than conventional or other low profile buckets.

Material Virgin HDPE, nylon or urethane

Temp. Range
HDPE: -60 °F to 180 °F
Nylon: -60 °F to 300 °F
Urethane: -60 °F to 180 °F

Features
- Super low profile
- Belt Speeds up to 895 ft./min.
- Compound curve delivers smooth discharge
- Wingless design allows for closer spacing

Applications Free-flowing granular materials such as grain, feed, seed, food products and fertilizer.



		Dimensions (in.)				Standard Punching (in.)				Capacity (cu. in.)			
Nominal Size (in.)	Part #	Length A	Projection B	Back Depth C	Thickness T	# Holes	Bolt Size	Hole Center F	Dist. Down G	Water Level	Gross	Minimum Spacing (in.)	HDPE Weight (lb.)
4 x 3-1/2	S100-090/HDP	4-5/16	3-5/8	2-7/16	5/32	2	5/16	2	11/16	13	17	2-3/4	0.13
5 x 4-1/2	S130-120/HDP	5-1/2	4-3/4	3-3/16	3/16	2	5/16	2-3/4	7/8	28	38	3-9/16	0.28
6 x 4	S150-110/HDP	6-1/4	4-7/16	3-1/16	13/64	2	5/16	3-1/2	15/16	30	44	3-5/16	0.38
7 x 5-1/2	S180-140/HDP	7-1/2	5-3/4	3-11/16	1/4	2	5/16	3-15/16	1-3/16	51	74	3-3/4	0.63
9 x 5	S225-140/HDP	9-1/4	5-1/2	3-11/16	5/16	2	5/16	4-3/4	1-3/16	76	100	3-3/4	0.75
9 x 6-1/2	S230-170/HDP/11/32	9-7/16	6-13/16	4-7/16	9/32	2	5/16	4-3/4	1-1/2	109	145	4-3/8	0.95
9 x 6-1/2	S230-170/HDP/13/32	9-7/16	6-13/16	4-7/16	9/32	2	3/8	4-3/4	1-1/2	109	145	4-3/8	0.95
11 x 6-1/2	S280-170/HDP/11/32	11-7/16	6-13/16	4-7/16	1/4	3	5/16	3-3/16	1-1/2	123	176	4-3/8	1.10
11 x 6-1/2	S280-170/HDP/13/32	11-7/16	6-13/16	4-7/16	1/4	3	3/8	3-3/16	1-1/2	123	176	4-3/8	1.10
12 x 7	S300-180/HDP	12-3/8	7-1/8	4-7/8	1/4	3	5/16	4	1-3/8	165	235	4-13/16	1.28
13 x 8-1/2	S330-215/HDP	13-3/8	8-3/4	4-7/8	9/32	3	3/8	4-3/4	1-1/2	239	336	5-1/2	1.68
14 x 7	S350-180/HDP	14-7/16	7-1/8	4-7/8	9/32	4	5/16	3-9/16	1-3/8	201	275	4-13/16	1.75
15 x 8-1/2	S370-215/HDP	15	8-9/16	5-9/16	9/32	4	3/8	3-9/16	1-1/2	269	380	5-1/2	2.45

- HDPE information listed in chart above, actual dimensions may vary slightly depending on specified raw material

Starco™ Low Profile Steel Agricultural Buckets

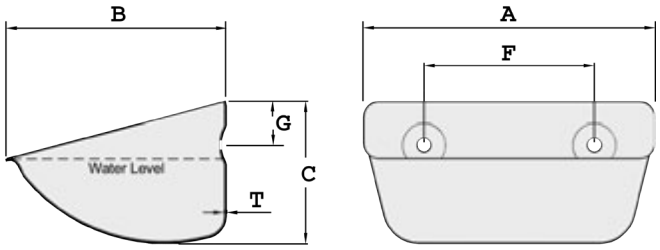
Starco™ elevator buckets are engineered for higher throughput elevator legs. Their shallow design, tapered sides and low back height ensure maximum bucket fill at high speeds on smaller pulley diameters. The unique front profile guarantees clean discharge over a wider range of operating speeds than conventional or other low profile buckets.

Material Seamless steel or stainless steel

Temp. Range Contact 4B

Features
- Super low profile
- Belt speeds up to 895 ft./min.
- Pressed seamless steel
- Front lip wear bands available

Applications Grain, grain by products, feed, seed, pellets, powders, chemicals and other industrial granular products.



		Dimensions (in.)				Standard Punching (in.)				Capacity (cu. in.)			
Nominal Size (in.)	Part #	Length A	Projection B	Back Depth C	Thickness (Gauge) T	# Holes	Bolt Size	Hole Center F	Dist. Down G	Water Level	Gross	Minimum Spacing (in.)	Weight (lb.)
5 x 4-1/2	S130-120/1.5	5-1/2	4-1/2	3-1/16	16	2	5/16	2-3/4	7/8	31	42	3-7/16	0.78
7 x 5-1/2	S180-140/1.5	7-1/4	5-1/2	3-5/8	16	2	5/16	3-15/16	1	55	79	3-3/4	1.16
9 x 6-1/2	S230-165/2.0	9-3/8	6-1/2	4-1/4	14	2	3/8	4-3/4	1-5/16	112	151	4-3/8	2.66
11 x 6-1/2	S280-165/2.0	11-3/8	6-1/2	4-1/4	14	3	3/8	3-3/16	1-5/16	140	186	4-3/8	2.90
12 x 7	S300-180/2.0	12-1/8	7-3/16	4-5/8	14	3	5/16	4	1-5/16	150	223	4-13/16	3.15
12 x 8	S300-215/2.0	12-1/4	8-1/2	5-1/2	14	3	3/8	4	1-1/2	250	342	5-1/4	4.52
13 x 8-1/2	S330-215/2.0	13-3/8	8-7/16	5-1/8	14 or 12	3	3/8	4-3/4	1-1/2	239	336	5-1/2	4.60 - 5.91
15 x 8-1/2	S370-215/2.0	15	8-7/16	5-1/8	14 or 12	4	3/8	3-9/16	1-1/2	255	377	5-1/2	5.25 - 6.57
18 x 8-1/2	S450-215/2.5	18-1/4	8-7/16	5-1/8	12	5	3/8	3-1/2	1-1/2	341	488	5-1/2	7.50

- All sizes have recessed bolt holes, dome washers recommended (pg 49)
- Custom drilled holes / thicknesses / wear bands available

Super Starco™ Low Profile Agricultural Buckets

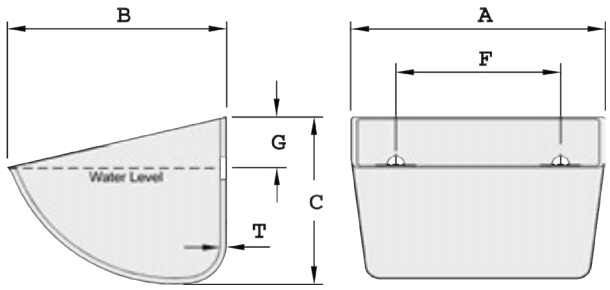
The deep low profile design of the Super Starco™ is the result of intensive research to achieve the maximum individual bucket capacity. Additional capacity has been engineered into the bucket while still maintaining the perfect fill and discharge characteristics of the original Starco™ bucket.

Material Virgin HDPE, nylon or urethane

Temp. Range
HDPE: -60 °F to 180 °F
Nylon: -60 °F to 300 °F
Urethane: -60 °F to 180 °F

Features
- Engineered for ultra capacity
- Improved Starco™ design
- Perfect fill and discharge
- Prime virgin materials

Applications Free-flowing granular materials: grain, feed, seed, fertilizers or wood fiber by-products.



		Dimensions (in.)				Standard Punching (in.)				Capacity (cu. in.)			
Nominal Size (in.)	Part #	Length A	Projection B	Back Depth C	Thickness T	# Holes	Bolt Size	Hole Center F	Dist. Down G	Water Level	Gross	Minimum Spacing (in.)	HDPE Weight (lb.)
3 x 3	SPS080-080/HDP	3-9/16	3-3/8	2-1/2	5/32	2	5/16	1-11/16	3/4	11	15	2-1/2	0.13
4 x 3-1/2	SPS100-090/HDP	4-5/16	3-1/2	2-5/8	7/32	2	5/16	2	3/4	18	23	2-3/4	0.20
5 x 4	SPS120-100/HDP	5-1/16	4-5/16	3-3/16	7/32	2	5/16	2-5/8	1	28	36	3-1/4	0.29
5 x 4-1/2	SPS130-120/HDP	5-5/16	4-3/4	3-3/8	7/32	2	5/16	2-3/4	1	32	43	3-3/4	0.40
6 x 5	SPS140-120/HDP	5-3/4	4-3/4	3-9/16	7/32	2	5/16	2-3/4	1	37	49	3-3/4	0.37
6 x 5	SPS130-130/HDP	5-3/4	5-1/8	3-9/16	7/32	2	5/16	2-3/4	1	40	53	3-3/4	0.46
6 x 5-1/2	SPS160-140/HDP	6-3/4	5-1/2	4-7/16	1/4	2	5/16	3-15/16	1-3/16	74	96	4-1/2	0.66
7 x 5-1/2	SPS180-140/HDP	7-3/8	5-7/8	4-7/16	1/4	2	5/16	3-15/16	1-3/16	82	108	4-1/2	0.70
8 x 5-1/2	SPS200-150/HDP	8-1/16	5-7/8	4-7/16	1/4	2	5/16	3-15/16	1-1/4	85	111	4-1/2	0.77
8 x 6	SPS200-160/HDP	8-1/4	6-1/4	4-1/2	9/32	2	5/16	3-15/16	1-1/4	98	128	4-1/2	0.86
9 x 6-1/2	SPS230-170/HDP	9-7/16	6-7/8	5-7/16	1/4	2	3/8	4-3/4	1-3/8	146	187	5-3/4	1.35
9 x 6-1/2	SPS240-165/HDP	9-7/8	6-11/16	5-3/16	9/32	2	3/8	4-3/4	1-3/8	143	189	5-1/2	1.32
11 x 6-1/2	SPS280-165/HDP	11-7/16	6-11/16	5-3/16	9/32	3	3/8	3-1/8	1-3/8	171	220	5-1/2	1.52
11 x 6-1/2	SPS280-170/HDP	11-1/8	6-7/8	5-7/16	1/4	3	3/8	3-1/8	1-3/8	181	229	5-3/4	1.48
11 x 7	SPS280-180/HDP	11-7/16	7-1/4	5-1/2	9/32	3	3/8	3-1/8	1-3/8	201	256	5-3/4	1.87
12 x 7	SPS300-180/HDP	12-7/16	7-1/4	5-1/2	5/16	3	3/8	3-15/16	1-3/8	220	281	5-3/4	2.03
13 x 7	SPS330-180/HDP	13-11/16	7-1/4	5-1/2	5/16	3	3/8	4-5/16 - 4-3/4	1-1/2	244	305	5-3/4	2.20
14 x 7	SPS350-180/HDP	14-7/16	7-1/4	5-1/2	11/32	3	3/8	4-3/4	1-1/2	250	320	5-3/4	2.47
12 x 8	SPS300-215/HDP	12-1/2	8-11/16	6-5/8	11/32	3	3/8	3-15/16	2	317	403	6-3/4	2.82
13 x 8	SPS330-215/HDP	13-1/2	8-11/16	6-5/8	11/32	3	3/8	4-3/4	2	345	438	6-3/4	3.02
14 x 8	SPS350-215/HDP	14-1/2	8-11/16	6-5/8	11/32	3 or 4	3/8	4-3/4 - 3-9/16	2	373	473	6-3/4	3.20
15 x 8	SPS370-215/HDP	15-3/8	8-11/16	6-5/8	11/32	4	3/8	3-9/16	2	398	503	6-3/4	3.35
16 x 8	SPS400-215/HDP	16-1/2	8-11/16	6-5/8	11/32	4	3/8	3-15/16	2	427	537	6-3/4	3.40
18 x 8	SPS450-215/HDP	18-1/2	8-11/16	6-1/2	11/32	5	3/8	3-9/16	2	470	580	6-3/4	3.53
20 x 8	SPS500-215/HDP	20-11/16	8-11/16	6-5/8	11/32	5	3/8	3-15/16	2	549	680	6-3/4	4.32

- HDPE information listed in chart above, actual dimensions may vary slightly depending on specified raw material

GB Spidex™
Agricultural & Industrial Buckets

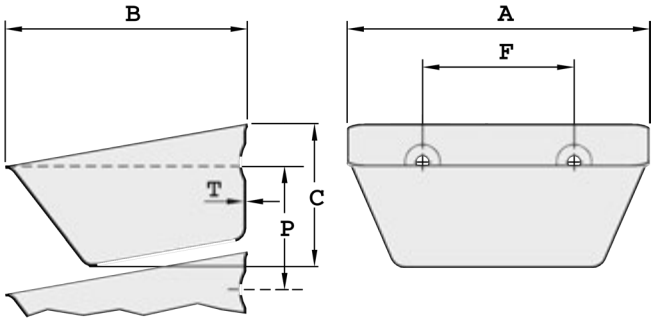
GB Spidex™ is a pressed steel bottomless bucket system that can double your existing elevator capacity and handle your troublesome materials. This unique bucket system lifts material in a continuous column, so the carrying space between conventional buckets is fully utilized by material to achieve much greater capacity.

Material Seamless steel or stainless steel

Temp. Range Contact 4B

Features
- Double existing capacity
- Self cleaning, vented system
- Handles sticky, dense or extremely light materials
- Free design service

Applications Increase elevator capacity or handle difficult materials: flour, pellets, prills, sugar, sawdust or molasses based feeds.



		Dimensions (in.)				Standard Punching (in.)					Weight (lb.)	
Nominal Size (in.)	Part #	Length A	Projection B	Back Depth C	Thickness (Gauge) T	# Holes	Bolt Size	Hole Center F	Actual Capacity (cu. in.)	Bucket Spacing P (in.)	Open Cup	Closed Cup
4 x 3-1/2*	GB100-90	4-3/16	3-1/2	1-3/4	18	2	5/16	1-15/16	14	1-15/16	0.22	0.26
5 x 4	GB130-110	5-3/8	4-1/2	2	16	2	5/16	2-3/4	30	2-1/4	0.70	0.80
7 x 5	GB180-140	7-1/4	5-1/2	2-1/2	16	2	5/16	3-15/16	72	2-13/16	1.00	1.20
8-1/2 x 3-5/8*	GB215-95	8-21/32	3-21/32	2-1/2	16	2	5/16	5	58	2-11/16	0.90	1.10
9 x 6	GB230-165	9-3/8	6-1/2	2-7/8	14	2	5/16	4-3/4	128	3-3/16	1.90	2.50
11 x 6-1/2*	GB280-165	11-7/16	6-1/2	3-5/32	14	3	3/8	3-9/16	163	3-7/16	2.20	2.90
12 x 6	GB300-165	12	6-1/2	3-1/8	14	3	3/8	3-9/16	168	3-7/16	2.40	3.00
13 x 7-1/2*	GB325-190	13-3/16	7-1/2	3-15/32	14	3	3/8	3-15/16	220	3-15/16	2.90	3.75
13-1/2 x 7-1/2*	GB330-190	13-3/8	7-1/2	3-29/32	11	3	3/8	3-15/16	275	4-5/32	4.50	6.25
14 x 8	GB350-200	14	7-7/8	4	12	4	3/8	3-9/16	290	4-3/8	4.30	5.50
15 x 6*	GB380-165	14-7/8	6-1/2	4-3/16	12	4	5/16	3 x 5 x 3	214	3-7/16	3.75	4.75
16 x 8*	GB430-200	16-15/16	8-5/8	3-3/4	11	4	3/8	3-11/16	339	4-5/32	3.90	5.07
16 x 8	GB400-220	16-1/8	8-5/8	4-1/2	11	4	3/8	3-15/16	422	4-15/16	5.00	6.50

* Non-stocking size - special order
- All sizes have recessed bolt holes, dome washers recommended (pg 49)
- NOTE: Part numbers for open cups will end with -B, closed cups will end with +B

GB Spidex™ Agricultural & Industrial Buckets

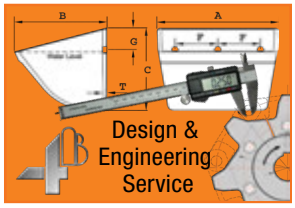
GB Spidex™ Unique Design Features

With the GB system, buckets are centered at very close spacing with a series of buckets without bottoms followed by a closed bottom bucket. The material is lifted in a continuous column, so the carrying space between conventional buckets is fully utilized by material to achieve much greater capacity. The buckets "fan out" as they pass over the head and tail pulleys to facilitate pick up or discharge.

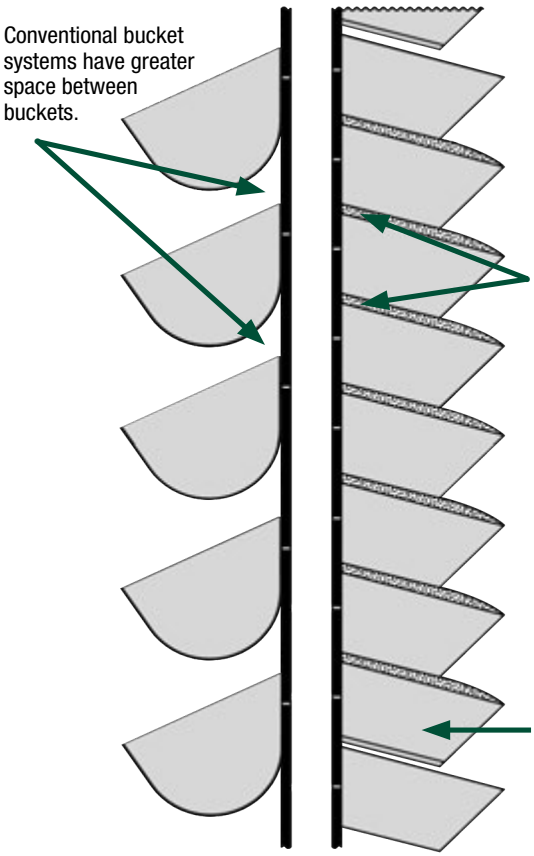
The system increases capacity of an existing elevator leg at a much lower cost than the purchase of a new bucket elevator. The GB system can also be used in new elevators to give the same capacity as larger elevators using traditional buckets, saving manufacturing costs and plant space.

GB Spidex™ buckets are particularly useful with sticky products which can clog up the bottoms of conventional buckets reducing capacity and increasing maintenance. With GB buckets, only the bucket with the bottom can become clogged, and capacity can be rated to allow for this. The remaining buckets, being bottomless, are self cleaning. Dense or extremly light materials are also handled easily as GB buckets have the ultimate vented design.

Whether your leg is handling grain, feed, meals, fertilizer, or industrial materials such as free flowing cement, 4B can design a GB Spidex™ bucket system to deliver the capacity you require.



4B offers a FREE bucket elevator design service, and all you have to do is complete one of our elevator leg questionnaires, then fax or email it back to 4B. Our engineering staff will provide you with a comprehensive review and quote for what your elevator leg can achieve in capacity.



Sample Capacity Between GB Spidex™ and CC Style Buckets:

- GB 12 x 6: 3-7/16" Spacing, 630 ft/min Belt at Actual Working Capacity = 12,600 CFH
- CC-HD 12 x 6: 8" Spacing, 630 ft/min Belt at Water Level +10% = 6,694 CFH

Super Starco™ Low Profile Steel Industrial Buckets

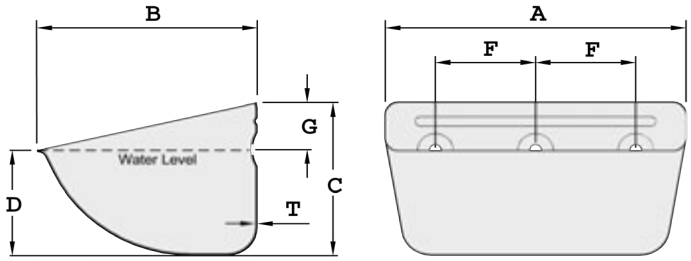
The deep low profile design of the Super Starco™ is the result of intensive research to achieve the maximum individual bucket capacity. Additional capacity has been engineered into the bucket while still maintaining the perfect fill and discharge characteristics of the original Starco™ bucket.

Material Seamless steel or stainless steel

Temperature Range Contact 4B

Features
- Engineered for ultra capacity and long life
- Perfect fill and discharge
- Pressed seamless steel, no welds or joints that can hold residue

Applications Grain, feed, pellets, sticky materials, chemicals and light to medium industrial granular or powdered products.



		Dimensions (in.)				Standard Punching (in.)				Capacity (cu. in.)			
Nominal Size (in.)	Part #	Length A	Projection B	Back Depth C	Thickness (Gauge) T	# Holes	Bolt Size	Hole Center F	Dist. Down G	Water Level	Gross	Minimum Spacing (in.)	Weight (lb.)
3 x 3	SPS80-080	3-5/16	3-1/8	2-5/16	20	2	5/16	1-11/16	3/4	11	13	2-3/4	0.24
4 x 3-1/2	SPS100-090	4-3/16	3-1/2	2-5/8	20 or 16	2	5/16	2	3/4	15	20	3	0.26 - 0.40
4 x 4	SPS100-100	4-3/16	3-13/16	3-1/16	20	2	5/16	2	1	18	26	3-1/4	0.40
5 x 4	SPS120-100	4-15/16	4-1/8	3-1/16	20 or 16	2	5/16	2-5/8	1	27	35	3-1/4	0.49 - 0 .73
5 x 4-1/2	SPS130-120	5-7/16	4-3/4	3-9/16	18 or 16	2	5/16	2-3/4	1	39	50	3-3/4	0.66 - 0 .84
6 x 4-1/2	SPS140-110	5-3/4	4-7/16	3-9/16	16	2	5/16	2-3/4	1	25	46	3-3/4	0.95
6 x 5	SPS140-120	5-3/4	4-3/4	3-9/16	16 or 11	2	5/16	2-3/4 - 3-3/8*	1	40	53	3-3/4	0.88 - 1.76
7 x 5-1/2	SPS180-140	7-3/8	5-3/4	4-3/8	16 or 11	2	5/16	3-15/16	1-1/4	84	108	4-1/2	1.34 - 2.69
6 x 6	SPS160-140	6-1/2	5-3/4	4-3/8	16 or 11	2	5/16	3-15/16	1-1/4	73	96	4-1/2	1.21 - 2.43
8 x 6	SPS200-150	8-1/16	5-7/8	4-3/8	16 or 11	2	5/16	3-15/16 - 4*	1-1/4	93	122	4-1/2	1.70 - 3.4
9 x 6	SPS230-160/A	9-3/16	6-5/16	4-13/16	16, 14 or 11	3	5/16	2-3/4	1-1/4	131	165	5	1.90 - 2.54 - 3.79
9 x 6	SPS230-160/B	9-3/16	6-5/16	4-13/16	16, 14 or 11	2	3/8	4-3/4	1-1/4	131	165	5	1.90 - 2.54 - 3.79
9 x 6	SPS230-170	9-1/4	6-11/16	5-3/16	11	2	3/8	4-3/4	1-3/8	146	189	5-3/4	3.09
10 x 6	SPS260-165	10-1/4	6-1/2	5-3/16	14 or 11	3	3/8	3 - 3-1/8*	1-3/8	156	200	5-1/2	3.04 - 4.63
12 x 6	SPS300-165/A	12-1/8	6-1/2	5-5/16	14 or 11	3	5/16	3-15/16 - 4-1/16*	1-3/8	177	237	5-1/2	3.64 - 5.51
12 x 6	SPS300-165/B	12-1/8	6-1/2	5-5/16	14 or 11	3	3/8	3-15/16	1-3/8	177	237	5-1/2	3.64 - 5.51
13 x 6	SPS330-165	13-3/8	6-1/2	5-5/16	14 or 11	3	3/8	4-5/16 - 4-3/4*	1-1/2	214	269	5-1/2	4.19 - 6.28
14 x 6	SPS350-165/A	14-3/16	6-1/2	5-5/16	14 or 11	4	5/16	3-1/2	1-1/2	223	275	5-1/2	4.67 - 7.05
14 x 6	SPS350-165/B	14-3/16	6-1/2	5-5/16	14 or 11	3	3/8	4-3/4	1-1/2	223	275	5-1/2	4.67 - 7.05
9 x 6-1/2	SPS240-160/A	9-3/4	6-1/2	5-3/16	14 or 11	3	3/8	2-3/4 - 3*	1-3/8	146	188	5-1/2	2.98 - 4.40
9 x 6-1/2	SPS240-160/B	9-3/4	6-1/2	5-3/16	14 or 11	2	3/8	5-1/2	1-3/8	146	188	5-1/2	2.98 - 4.40
9 x 6-1/2	SPS240-160/C	9-3/4	6-1/2	5-3/16	14 or 11	2	3/8	4-3/4	1-3/8	146	188	5-1/2	2.98 - 4.40
11 x 6-1/2	SPS280-165	11-5/16	6-1/2	5-3/16	14 or 11	3	3/8	3-1/8	1-1/2	172	220	5-1/2	3.42 - 5.11
8 x 7	SPS200-180	8	7-3/16	5-1/2	14	2	3/8	4-5/16	1-3/4	132	173	5-3/4	2.82
10 x 7	SPS260-180	10-5/8	7-7/16	5-1/2	14	3	3/8	3-1/8	1-3/4	195	250	5-3/4	4.40
11 x 7	SPS280-180	11-7/16	7-5/16	5-1/2	14 or 11	3	3/8	3-1/8	1-1/2	201	267	5-3/4	3.75 - 5.62
12 x 7	SPS300-180/A	12-1/8	7-3/16	5-1/2	14 or 11	3	5/16	3-15/16 - 4-1/16*	1-3/8	214	275	5-3/4	3.97 - 5.95
12 x 7	SPS300-180/B	12-1/8	7-3/16	5-1/2	14 or 11	3	3/8	3-15/16	1-3/8	214	275	5-3/4	3.97 - 5.95
13 x 7	SPS330-180	13-3/8	7-3/16	5-1/2	14	3	3/8	4-5/16 - 4-3/4*	1-1/2	244	317	5-3/4	4.40
14 x 7	SPS350-180	14-1/4	7-3/16	5-1/2	14 or 11	3	3/8	4-3/4	1-1/2	256	330	5-3/4	4.63 - 6.94
15 x 7-1/2	SPS370-180	15-3/16	7-11/16	5-1/2	12	4	3/8	3-1/2	1-1/2	299	391	5-3/4	6.17
10 x 8	SPS250-215	10-1/8	8-7/16	6-3/8	14	3	3/8	3-5/16	2	250	323	6-3/4	4.10
11 x 8	SPS280-215	11-1/2	8-7/16	6-3/8	14, 13 or 12	3	3/8	3-1/8	2	287	367	6-3/4	4.81 - 5.11 - 6.30
12 x 8	SPS300-215	12-3/16	8-11/16	6-3/8	14 or 12	3	3/8	3-15/16	2	317	409	6-3/4	5.11 - 7.67
13 x 8	SPS330-215	13-3/8	8-7/16	6-3/8	12	3	3/8	4-3/4	2	345	439	6-3/4	6.55
14 x 8	SPS350-215	14-1/4	8-7/16	6-3/8	12	3	3/8	4-3/4	2	358	464	6-3/4	7.12
15 x 8	SPS370-215	15	8-7/16	6-3/8	12 or 11	4	3/8	3-1/2	2	384	494	6-3/4	7.31 - 8.82
16 x 8	SPS440-215	17-3/4	8-7/8	6-1/2	12 or 11	4	3/8	4-5/16	2	454	600	6-3/4	8.64 - 10.32
18 x 8	SPS450-215	18-1/4	8-7/16	6-3/8	12 or 11	5	3/8	3-7/16 - 3-1/2*	2	470	616	6-3/4	8.82 - 10.58
19 x 8	SPS470-215	18-15/16	8-7/8	6-3/8	12 or 11	4	3/8	4-3/4	2	492	644	6-3/4	9.13 - 10.91
20 x 8	SPS500-215	20-1/4	8-7/16	6-3/8	12 or 11	5	3/8	3-15/16	2	537	687	6-3/4	9.42 - 11.31
24 x 8	SPS630-215	24-13/16	8-11/16	6-7/16	11	7	3/8	3-1/2	2	666	872	6-3/4	16.31

- A, B & C part #'s designate different hole patterns

* Slotted bolt holes for alternate hole centers

*All sizes have recessed bolt holes, dome washers recommended (pg 49)

Starco™ Jumbo (SJ) Low Profile Industrial Buckets

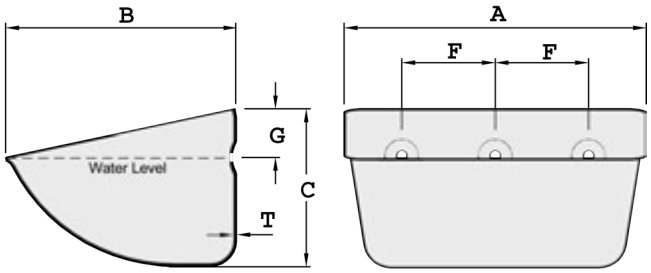
Deep drawn, high capacity pressed steel elevator bucket. For use with both standard rubber and steel core web belting. Designed to replace large fabricated buckets on industrial elevators, particularly cement and sand.

Material Seamless steel

Temp. Range Contact 4B

Features
- Pressed seamless steel, no welds or joints
- Increased capacity
- High temperature applications
- Clean discharge

Applications Agricultural and food products, light to heavy industrial granules and powders, especially cement.



		Dimensions (in.)				Standard Punching (in.)				Capacity (cu. in.)			
Nominal Size (in.)	Part #	Length A	Projection B	Back Depth C	Thickness (Gauge) T	# Holes	Hole Size	Hole Center F	Dist. Down G	Water Level	Gross	Minimum Spacing (in.)	Weight (lb.)
13 x 10	SJ330-250/3.0	13-3/8	10-1/4	7-1/2	11	3	9/16	3-1/8	2-1/8	439	586	7-7/8	9.92
13 x 10	SJ330-250/4.0	13-3/8	10-1/4	7-1/2	8	3	9/16	3-1/8	2-1/8	439	586	7-7/8	13.23
15 x 10	SJ370-250/3.0	15	10-1/4	7-1/2	11	4	9/16	3-1/8	2-1/8	507	659	7-7/8	11.24
15 x 10	SJ370-250/4.0	15	10-1/4	7-1/2	8	4	9/16	3-1/8	2-1/8	507	659	7-7/8	13.45
18 x 10	SJ470-250/3.0	18-7/8	10-1/4	7-1/2	11	5	9/16	3-1/8	2-1/8	641	854	7-7/8	14.38
18 x 10	SJ470-250/4.0	18-7/8	10-1/4	7-1/2	8	5	9/16	3-1/8	2-1/8	641	854	7-7/8	18.96

- All sizes have recessed bolt holes, dome washers recommended

Starco™ Jumbo & 4B Polysur® Steel Core Web Belting High Capacity System

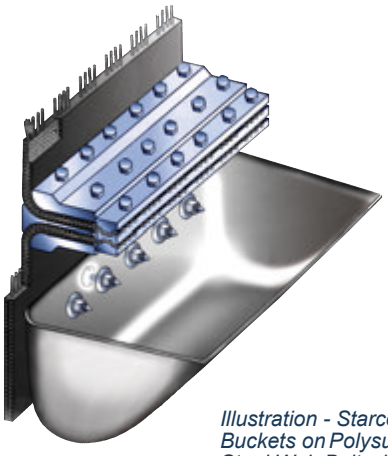


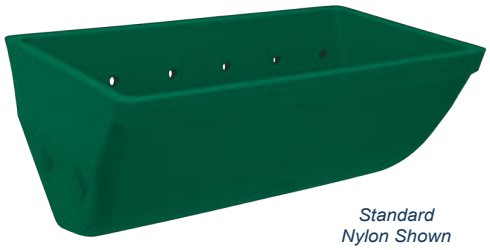
Illustration - Starco™ Jumbo Buckets on Polysur® Steel Web Belt with BC Series Fastener

Compared to traditional chain, belt and bucket elevators, Polysur® Steel Web Core Belting fitted with Starco™ Jumbo buckets offer you:

- Lower capital investment
- Save up to 33% on component costs
- Increase capacity and efficiency
- Throughputs up to 1,000 TPH plus
- Belt strength up to 2,280 PIW
- Virtually no belt stretching
- No belt misalignment
- Lower maintenance costs
- Longer trouble-free life
- High temperature applications

JUMBO™ CC-S® Ultra Heavy Duty Industrial & Agricultural Buckets

MADE IN THE USA



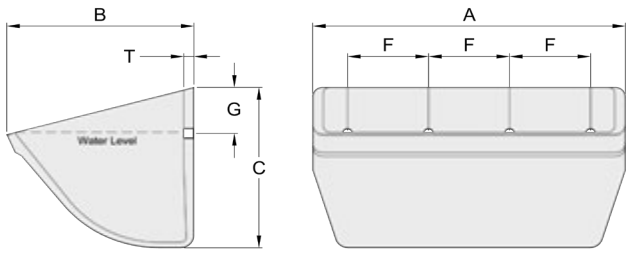
Standard Nylon Shown

The JUMBO™ CC-S® is an ultra heavy duty version of the CC-S heavy duty elevator bucket. It is intended for the most severe environments such as frac sand, cement, fertilizer and applications with high temperature materials. It offers the greatest capacity and thickest front lip, corners and walls available. The unique Iceberg® Edge front face delivers impact resistance and long life. It shares the proven geometry and design features of the CC-S, including the benefit of stackability, which saves on freight costs and storage space. The JUMBO™ CC-S is molded from virgin nylon and urethane (HDPE also available) for ultra heavy duty strength and durability.

Material Virgin nylon, urethane or HDPE

Temp. Range
Nylon: -60 °F to 300 °F
Urethane: -60 °F to 180 °F
HDPE: -60 °F to 180 °F

Features
- Maximum capacity
- Ultra tough and flexible
- Thickest front lip, walls and corners for long life
- Stackable design for efficient shipping and storage



U.S. Patent D496-052
Other Patents Pending

Applications Severe environments handling rough and abrasive materials such as frac sand, cement and fertilizer.

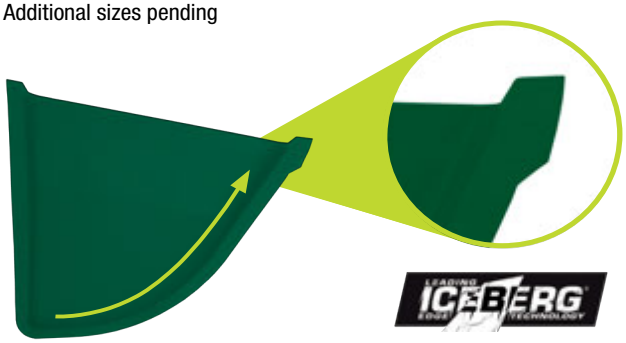
Standard Sizes

		Dimensions (in.)				Standard Punching (in.)				Capacity (cu. in.)						
Nominal Size (in.)	Part #	Length A	Projection B	Back Depth C	Back Wall Thickness T	# Holes	Bolt Size	Hole Center F	Dist. Down G	Water Level	Water Level +10%	Minimum Spacing (in.)	Nylon Weight (lb.)	Urethane Weight (lb.)	HDPE Weight (lb.)	Package Quantity
14 x 8	JCC-S148/*	14-7/8	9-1/4	8-5/16	0.51	5	5/16	3	2-3/8	451	496	8-1/2	5.52	6.48	4.80	9
16 x 8	JCC-S168/*	17	9-1/4	8-5/16	0.51	6	5/16	2-7/8	2-3/8	522	574	8-1/2	6.21	7.29	5.40	9
18 x 8	JCC-S188/*	19	9-1/4	8-5/16	0.51	6	5/16	3-1/8	2-3/8	594	653	8-1/2	6.90	8.10	6.00	9
20 x 8	JCC-S208/*	21	9-1/4	8-5/16	0.51	6	5/16	3-1/2	2-3/8	662	728	8-1/2	7.36	8.64	6.40	9
22 x 8	JCC-S228/*	23	9-1/4	8-5/16	0.53	6	5/16	4	2-3/8	726	799	8-1/2	8.28	9.72	7.20	9
24 x 8	JCC-S248/*	25	9-1/4	8-5/16	0.53	7	5/16	3-1/2	2-3/8	791	870	8-1/2	8.91	10.46	7.75	9

Low Profile Sizes

		Dimensions (in.)				Standard Punching (in.)				Capacity (cu. in.)						
Nominal Size (in.)	Part #	Length A	Projection B	Back Depth C	Back Wall Thickness T	# Holes	Bolt Size	Hole Center F	Dist. Down G	Water Level	Water Level +10%	Minimum Spacing (in.)	Nylon Weight (lb.)	Urethane Weight (lb.)	HDPE Weight (lb.)	Package Quantity
14 x 8	JCC-S148/LP/*	14-7/8	9-1/4	6-3/4	0.51	5	5/16	3	1-1/2	451	7	8-1/2	4.97	5.83	4.32	12
16 x 8	JCC-S168/LP/*	17	9-1/4	6-3/4	0.51	6	5/16	2-7/8	1-1/2	522	7	8-1/2	5.70	6.70	4.96	12
18 x 8	JCC-S188/LP/*	19	9-1/4	6-3/4	0.51	6	5/16	3-1/8	1-1/2	594	7	8-1/2	6.42	7.53	5.58	12
20 x 8	JCC-S208/LP/*	21	9-1/4	6-3/4	0.51	6	5/16	3-1/2	1-1/2	662	7	8-1/2	6.84	8.03	5.95	12
22 x 8	JCC-S228/LP/*	23	9-1/4	6-3/4	0.53	6	5/16	4	1-1/2	726	7	8-1/2	7.71	9.05	6.70	12
24 x 8	JCC-S248/LP/*	25	9-1/4	6-3/4	0.53	7	5/16	3-1/2	1-1/2	791	7	8-1/2	8.28	9.72	7.20	12

* To specify material type, use 'N' for nylon or 'PU' for urethane at the end of the part number (example: 14 x 8 nylon = JCC-S148/N)
- Actual dimensions may vary slightly depending on specified raw material
- Additional sizes pending



Unique Iceberg® Edge front lip offers superior material thickness for the ultimate in wear resistance and long life. The triangular base creates a stiffening ridge across the front face of the bucket, preventing bowing and ensuring a consistent discharge over the life of the bucket.

JUMBO CC-S® ELEVATOR BUCKETS

TECHNICAL INFORMATION

BUCKETS, BELTS & ACCESSORIES

CALCULATING BUCKET ELEVATOR CAPACITY

CAPACITY of the Bucket at Water Level (Cubic Inches)	NUMBER OF BUCKETS Per Foot (12 ÷ Spacing In Inches)	NUMBER OF ROWS of Buckets on the Belt	SPEED of the Belt or Chain FPM (Feet Per Minute)	CUBIC IN. PER HOUR See Below for Conversion
_____ x	_____ x	_____ x	_____ x 60 MINUTES =	_____

For engineering purposes, Maxi-Lift recommends using water level capacity as the basis for calculation. Actual bucket fill will vary depending on the product and operational conditions.

STEP 1 Multiply the CAPACITY of the bucket times the NUMBER OF BUCKETS per foot (12 divided by spacing) times the NUMBER OF ROWS of buckets. This will give the capacity in cubic inches of each running foot of the belt or chain.

STEP 2 Multiply the answer times the SPEED of the belt or chain in FPM for the capacity discharged per minute.

STEP 3 Then multiply by 60 minutes to get cubic inches per hour.

CONVERT CUBIC INCHES PER HOUR AS FOLLOWS:

BUSHELS: Divide by 2,150 to convert to bushels.
CUBIC FEET: Divide by 1,728 to convert to cubic feet.
SHORT TONS: Multiply cubic feet capacity times weight of product per cubic foot and divide by 2,000.
METRIC TONS: Multiply cubic feet capacity times weight of product per cubic foot and divide by 2,204.62.

FEET PER MINUTE

Π	HEAD PULLEY DIAMETER (IN.)	RPM	IN. / FT.	FT. / MIN.
(3.1416) x	_____ x	_____ ÷	12 =	_____

BUSHELS PER HOUR

CU. IN. / HOUR	CU. IN. / BUSHEL	BPH
_____ ÷	2,150 =	_____

CUBIC FEET PER HOUR

CU. IN. / HOUR	CU. IN. / CU. FT	CU. FT. / HOUR
_____ ÷	1,728 =	_____

SHORT TONS PER HOUR
First determine cubic ft / hr. at water level using above formula then proceed as follows

CU. FT. / HOUR	WEIGHT OF PRODUCT / CU. FT.	LBS. / HOUR	LBS. / TON	TONS / HOUR
_____ x	_____ =	_____ ÷	2,000 =	_____

METRIC TONS PER HOUR
First determine cubic ft/hr. at water level using above formula then proceed as follows

CU. FT. / HOUR	WEIGHT OF PRODUCT / CU. FT.	LBS. / HOUR	LBS. / METRIC TON	METRIC TONS / HOUR
_____ x	_____ =	_____ ÷	2204.62 =	_____

CALCULATING HORSEPOWER

The formula below will result in the theoretical horsepower necessary. It is recommended that an additional 25% minimum be added for drive losses and up to 15% for elevator friction and cup digging through the boot.

$$HP \text{ (at head Shaft)} = \frac{W \times H}{33{,}000} \qquad W = \frac{LBS./HOUR}{60 \text{ MINUTES}} \qquad H = \text{Vertical Lift in Feet}$$

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AGRICULTURAL ELEVATOR BUCKET SPEED CHART

Recommended Minimum and Optimum Pulley Speeds for the following Maxi-Lift Agricultural Elevator Buckets (Centrifugal discharge)


TIGER-TUFF


TIGER-TUFF LOW PRO


HD-MAX


HD-MAX LOW PROFILE

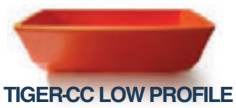

HD-STAX


HD-STAX LOW PROFILE

MINIMUM AND OPTIMUM PULLEY SPEEDS																	
ELEVATOR BUCKET NOMINAL PROJ. (INCHES)		PULLEY DIAMETER (INCHES) / PULLEY CIRCUMFERENCE (FEET)															
		4”	5”	6”	8”	10”	12”	14”	16”	20”	24”	30”	36”	42”	48”	60”	72”	84”
		1.05’	1.31’	1.57’	2.07’	2.62’	3.14’	3.67’	4.19’	5.24’	6.28’	7.85’	9.42’	11.00’	12.57’	15.70’	18.90’	22.00’
3”	Minimum:	89	80	81	74	69	64	-	-	-	-	-	-	-	-	-	-	-
	Optimum:	158	143	131	115	103	95	-	-	-	-	-	-	-	-	-	-	-
4”	Minimum:	-	-	75	70	53	51	50	46	43	40	-	-	-	-	-	-	-
	Optimum:	-	-	146	127	109	103	96	89	79	72	-	-	-	-	-	-	-
5”	Minimum:	-	-	-	70	67	63	50	48	45	40	40	35	32	32	-	-	-
	Optimum:	-	-	-	161	131	111	102	95	90	75	67	61	55	51	-	-	-
6”	Minimum:	-	-	-	-	-	-	-	50	45	40	36	35	31	30	-	-	-
	Optimum:	-	-	-	-	-	-	-	93	84	73	67	61	55	51	-	-	-
7”	Minimum:	-	-	-	-	-	-	-	-	40	36	34	33	31	30	27	26	20
	Optimum:	-	-	-	-	-	-	-	-	80	78	73	65	59	55	50	45	40
8”	Minimum:	-	-	-	-	-	-	-	-	-	-	33	32	30	30	27	25	23
	Optimum:	-	-	-	-	-	-	-	-	-	-	60	58	57	56	47	43	40
10”	Minimum:	-	-	-	-	-	-	-	-	-	-	-	-	-	30	25	20	20
	Optimum:	-	-	-	-	-	-	-	-	-	-	-	-	-	52	45	42	40

TIGER-CC®, CC-MAX® TABLE OF SPEEDS


TIGER-CC


TIGER-CC LOW PROFILE


CC-MAX


CC-MAX LOW PROFILE


CC STEEL

CC-MAX TABLE OF SPEEDS					
PULLEY / SPROCKET DIAMETER (IN.)	PULLEY / SPROCKET CIRCUMFERENCE (FT.)	MIN. RPM	MAX. RPM	MIN. FPM	MAX. FPM
8”	2.09	85	170	178	356
10”	2.62	85	170	223	445
12”	3.14	75	145	236	456
14”	3.67	65	120	238	440
16”	4.19	55	100	230	419
18”	4.71	55	90	259	424
20”	5.24	55	85	288	445
22”	5.76	55	85	288	445
24”	6.28	42	80	264	503
30”	7.85	42	80	330	628
36”	9.42	42	80	396	754
42”	11.00	40	70	440	770
48”	12.57	40	65	503	817
54”	14.14	40	65	566	919
60”	15.71	40	60	628	942
72”	18.85	40	55	754	1037
84”	22.00	34	50	748	1100
96”	25.13	30	45	754	1131

MINIMUM SPEED: Slowest Speed at which Centrifugal Discharge will occur.
OPTIMUM SPEED: Speed at which most desirable results are obtained.
MAXIMUM SPEED: Maximum Speed is governed by many factors including Bonnet Shape, clearances, throat location, desired capacity and commodity elevated, therefore is not published.

The optimum speeds shown are based on free flowing whole grains. The optimum recommended speed for feed ingredients and other similar materials is 85% of the optimum speed shown.

These tables are for general reference only and do not guarantee perfect discharge for all bucket elevators at all speeds shown within speed range.

*Note: Low profile buckets may require faster minimum speeds than shown on this chart at minimum spacing.

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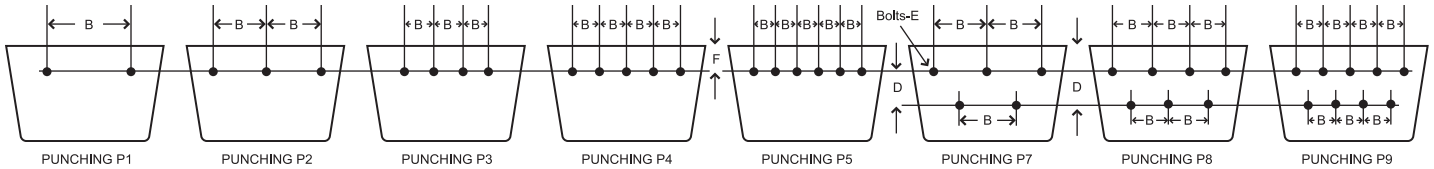
BUCKET PUNCHING: BELTS



PUNCHING: TYPES HF, HFO, MF AND LF

TYPES HF, HFO, MF AND LF CONTINUOUS ELEVATOR BUCKETS FOR BELTS								
BUCKET SIZE, INCHES			PUNCHING	BELT WIDTH INCHES	INCHES			
L - Length	P - Proj	D - Depth			B	D	E	F
8	5	7-3/4	P7	9-10	3	1	1/4	3-3/8
8	5	8-1/2	P7	9-10	3	1	1/4	3-3/4
9	6	9-1/4	P7	10	3	1	1/4	4-1/8
10	5	7-3/4	P7	11-12	3-1/2	1	5/16	3-3/8
10	5	8-1/2	P7	11-12	3-1/2	1	5/16	3-3/4
10	6	9-1/4	P7	11-12	3-1/2	1	5/16	4-1/8
10	6	10	P7	11-12	3-1/2	1	5/16	4-1/2
10	7	11-5/8	P7	11-12	3-1/2	1	5/16	5-5/16
10	7	12-1/2	P7	11-12	3-1/2	1	5/16	5-3/4
10	8	11-5/8	P7	11-12	3-1/2	1	5/16	5-5/16
11	6	9-1/4	P7	12	4	1	5/16	4-1/8
12	5	7-3/4	P7	13-14	4-1/2	1	5/16	3-3/8
12	6	9-1/4	P7	13-14	4-1/2	1	5/16	4-1/8
12	6	10	P7	13-14	4-1/2	1	5/16	4-1/2
12	7	11-5/8	P7	13-14	4-1/2	1	5/16	5-5/16
12	7	11-3/4	P7	13-14	4-1/2	1	5/16	5-3/8
12	7	12-1/2	P7	13-14	4-1/2	1	5/16	5-3/4
12	8	11-5/8	P7	13-14	4-1/2	1	5/16	5-5/16
12	8	12-1/2	P7	13-14	4-1/2	1	5/16	5-3/4
14	7	11-5/8	P8	15-16	4	1	5/16	5-5/16
14	7	12-1/2	P8	15-16	4	1	5/16	5-3/4
14	8	11-5/8	P8	15-16	4	1	5/16	5-5/16
14	8	11-3/4	P8	15-16	4	1	5/16	5-3/8
14	8	12-1/2	P8	15-16	4	1	5/16	5-3/4
16	7	11-3/4	P8	18	4-1/2	1	5/16	5-3/8
16	8	11-5/8	P8	18	4-1/2	1	5/16	5-5/16
16	8	12-1/2	P8	18	4-1/2	1	5/16	5-3/4
16	12	17-5/8	P8	18	4-1/2	1	5/16	8-5/16
16	12	18-5/8	P8	18	4-1/2	1	5/16	8-13/16
18	8	11-5/8	P8	20	5	1	5/16	5-5/16
18	10	15	P8	20	5	1	5/16	7
20	8	11-5/8	P9	22	4	1	5/16	5-5/16
20	12	17-5/8	P9	22	4	1	5/16	8-5/16
20	12	18-5/8	P9	22	4	1	5/16	8-13/16
24	10	11-5/8	P9	26	5	1	5/16	5-5/16
24	12	17-5/8	P9	26	5	1	5/16	8-5/16
24	12	18-5/8	P9	26	5	1	5/16	8-13/16

All plastic Maxi-Tuff MF Buckets that have a depth of 11-1/2", 11-5/8" or 11-3/4" will be punched with a 5-5/16"down dimension (F).

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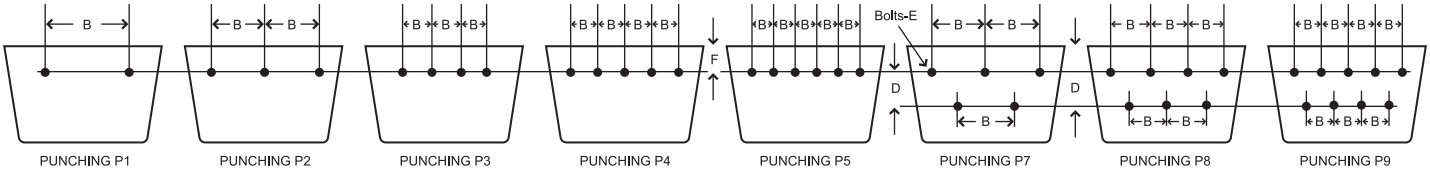
BUCKET PUNCHING: BELTS



PUNCHING: TYPES AA, TIGER-TUFF AND TIGER-CC INDUSTRIAL

TYPES AA, TIGER-TUFF & TIGER-CC INDUSTRIAL CENTRIFUGAL DISCHARGE ELEVATOR BUCKETS FOR BELTS

NOMINAL BUCKET LENGTH INCHES	PUNCHING	BELT WIDTH INCHES	B	D	E	F
3	P1	4	1-3/8	–	1/4	1
4	P1	5	2-5/16	–	1/4	1
5	P1	6	3-3/16	–	1/4	1
6	P1	7-8	4-3/8	–	1/4	1
7	P2	8	2-1/2	–	1/4	1
8	P7	9-10	3	1	1/4	1
9	P7	10	3	1	1/4	1
10	P7	11-12	3-1/2	1	5/16	1
11	P7	12	4	1	5/16	1
12	P7	13-14	4-1/2	1	5/16	1
13	P8	14	3-1/2	1	5/16	1
14	P8	15-16	4	1	5/16	1
15	P8	16	4	1	5/16	1
16	P8	18	4-1/2	1	5/16	1
17	P8	19	4-1/2	1	5/16	1
18	P8	20	5	1	5/16	1
19	P9	21	4	1	5/16	1
20	P9	22	4	1	5/16	1
21	P9	23	4-1/2	1	5/16	1
22	P9	24	4-1/2	1	5/16	1
23	P9	25	5	1	5/16	1
24	P9	26	5	1	5/16	1
28	P9	31	5-1/8	1	3/8	1

Other Belt Punches Available. Verify Bucket Punching Before Ordering.

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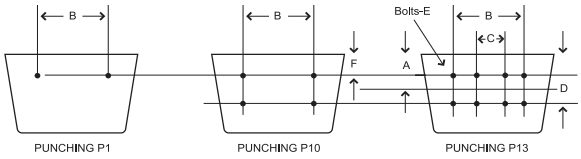
BUCKET PUNCHING: CHAINS

PUNCHING: CENTRIFUGAL DISCHARGE ELEVATOR BUCKETS ON "K" ATTACHMENTS

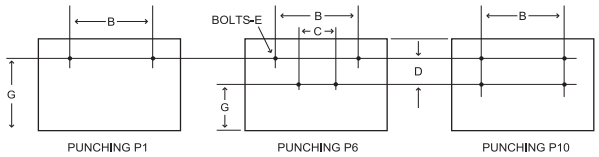


CENTRIFUGAL DISCHARGE ELEVATOR BUCKETS ON "K" ATTACHMENTS

CHAIN ATTACHMENT NUMBER	NOMINAL BUCKET SIZE, INCHES						PUNCHING	INCHES					
	TYPES AA, AA-RB		TYPE AC		TYPE SC			A	B	C	D	E	F
	Min.	Max.	Min.	Max.	Min.	Max.							
77-K1	6 x 4	10 x 6	–	–	8 x 6	10 x 8	P1	–	3	–	–	1/4	1
77-K2	6 x 4	10 x 6	–	–	8 x 6	10 x 8	P10	–	3	–	13/16	1/4	1
C 77-K1	6 x 4	10 x 6	–	–	8 x 6	10 x 8	P1	–	3	–	–	3/8	1
78-K1	6 x 4	10 x 6	–	–	8 x 6	10 x 8	P1	–	3-3/8	–	–	1/4	1
H 78-K1	6 x 4	12 x 6	–	–	8 x 6	12 x 8	P1	–	4	–	–	3/8	1
H 78-K2	6 x 4	12 x 6	–	–	8 x 6	12 x 8	P10	–	4	–	1-1/8	3/8	1
C 102B-K2	8 x 5	16 x 7	–	–	8 x 6	16 x 8	P10	–	5-5/16	–	1-3/4	3/8	1
SS 102B-K2	7 x 4-1/2	16 x 7	–	–	8 x 6	16 x 8	P10	–	5-5/16	–	1-3/4	3/8	1
C 102-1/2-K2	8 x 5	16 x 7	–	–	8 x 6	16 x 8	P10	–	5-5/16	–	1-3/4	1/2	1
SS 102-1/2-K2	8 x 5	16 x 7	–	–	8 x 6	16 x 8	P10	–	5-5/16	–	1-3/4	1/2	1
C 110-K2	8 x 5	16 x 7	–	–	8 x 6	16 x 8	P10	–	5-5/16	–	1-3/4	3/8	1
SS 110-K2	8 x 5	16 x 7	–	–	8 x 6	16 x 8	P10	–	5-5/16	–	1-3/4	3/8	1
C111-K2	9 x 6	18 x 8	–	–	10 x 8	16 x 8	P10	–	6-1/4	–	2-5/16	1/2	1
SS 111-K2	10 x 6	18 x 8	–	–	10 x 8	16 x 8	P10	–	6-1/4	–	2-5/16	1/2	1
C 132-K2	12 x 6	20 x 8	–	–	12 x 8	16 x 8	P10	–	7-1/2	–	2-3/4	1/2	1
188-K1	6 x 4	12 x 6	–	–	8 x 6	12 x 6	P1	–	3-3/4	–	–	3/8	1
C 188-K2	6 x 4	14 x 7	–	–	8 x 6	14 x 8	P10	–	4-3/16	–	1-1/4	5/16	1
SS 188-K1	6 x 4	12 x 6	–	–	8 x 6	12 x 8	P1	–	3-3/4	–	–	3/8	1
SS 188-K2	8 x 5	14 x 7	–	–	8 x 6	14 x 8	P10	–	4-3/16	–	1-1/4	5/16	1
SS 856-K2	10 X 6	18 x 10	–	–	10 X 8	16 x 8	P10	–	6-5/16	–	2-1/4	1/2	1
SS 856-K24	–	–	18 x 10	24 x 10	–	–	P10	–	7-1/4	–	2-1/2	5/8	1
SS 2857-K44	–	–	18 x 10	24 x 10	–	–	P13	–	12	–	3-1/2	1/2	1

* Some chain punches may incur additional punching charges.

PUNCHING: CONTINUOUS ELEVATOR BUCKETS ON "K" ATTACHMENTS



CONTINUOUS ELEVATOR BUCKETS ON "K" ATTACHMENTS

CHAIN ATTACHMENT NUMBER	NOMINAL BUCKET SIZE, INCHES								PUNCHING	INCHES				
	TYPE HF		TYPE HFO		TYPE MF		TYPE LF			B	C	D	E	G
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.						
C 102B-K2	8 x 5	10 x 5	8 x 5	10 x 5	8 x 5	10 x 5	–	–	P10	5-5/16	–	1-3/4	3/8	1-7/8
SS 102B-K2	8 x 5	10 x 5	8 x 5	10 x 5	8 x 5	10 x 5	–	–	P10	5-5/16	–	1-3/4	3/8	1-7/8
C 102B-1/2-K2	8 x 5	10 x 5	8 x 5	10 x 5	8 x 5	10 x 5	–	–	P10	5-5/16	–	1-3/4	1/2	1-7/8
SS 102B-1/2-K2	8 x 5	10 x 5	8 x 5	10 x 5	8 x 5	10 x 5	–	–	P10	5-5/16	–	1-3/4	1/2	1-7/8
C 110-K2	10 x 7	16 x 8	10 x 7	16 x 8	10 x 7	18 x 8	10 x 7	16 x 8	P10	5-5/16	–	1-3/4	3/8	3-3/8
SS 110-K2	10 x 7	16 x 8	10 x 7	16 x 8	10 x 7	18 x 8	10 x 7	16 x 8	P10	5-5/16	–	1-3/4	3/8	3-3/8
C 111-K2	10 x 6	12 x 6	10 x 6	12 x 6	10 x 6	12 x 6	10 x 6	12 x 6	P10	6-1/4	–	2-5/16	1/2	2-3/32
SS 111-K2	10 x 6	12 x 6	10 x 6	12 x 6	10 x 6	12 x 6	10 x 6	12 x 6	P10	6-1/4	–	2-5/16	1/2	2-3/32
C 132-K2	10 x 7	16 x 8	10 x 7	16 x 8	12 x 7	20 x 8	12 x 7	20 x 8	P10	7-1/2	–	2-3/4	1/2	2-7/8
SS 150PLUS-K2	10 x 7	16 x 8	10 x 7	16 x 8	12 x 7	20 x 8	12 x 7	20 x 8	P10	7-1/2	–	2-3/4	1/2	2-7/8
SS 856-K2	10 x 7	16 x 8	10 x 7	16 x 8	12 x 7	20 x 8	12 x 7	20 x 8	P10	6-5/16	–	2-1/4	3/8	3-1/8

Other Chain Punches Available. Verify Bucket Punching Before Ordering.

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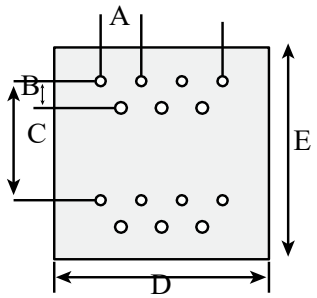
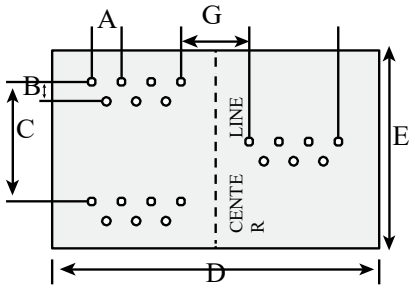
ORDERING GUIDES

ELEVATOR BELT PUNCHING DIAGRAM WORKSHEET

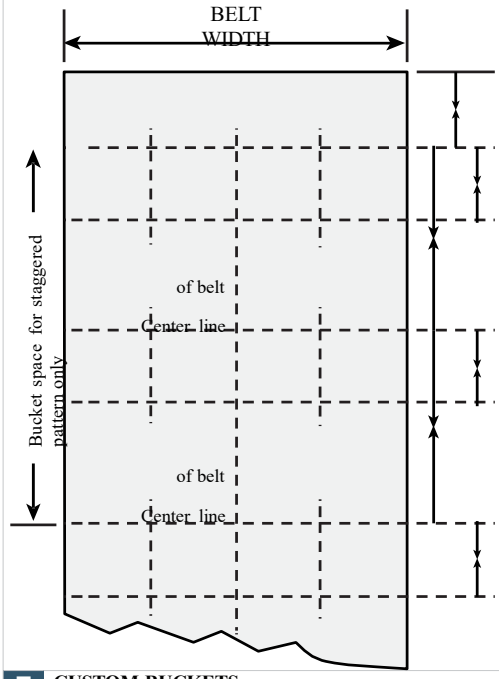
Here's what we need from you.



■	**CENTERED BUCKETS**	
	►	Distance from end of belt to first row of buckets (mm/in):
	►	Hole Diameter (mm/in):
	►	Punch pattern (see below):
	A	Center distance between hole (mm/in):
	B	Row centers (mm/in): or N/A?
	C	Bucket centers (mm/in):
	D	Belt width:
	E	Belt length:
	►	Special Instructions:

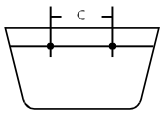
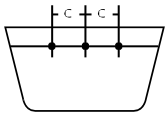
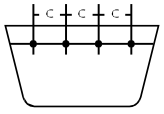
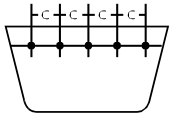
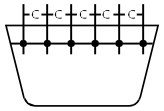
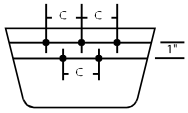
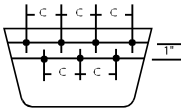
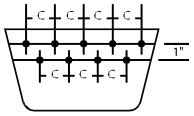


■	**STAGGERED BUCKETS**	
	►	Diameter of holes to be punched (mm/in):
	►	Punch pattern (see below):
	A	Center distance between holes (mm/in):
	B	Row centers (mm/in): or N/A?
	C	Bucket centers (mm/in):
	D	Belt width (mm/in):
	E	Belt length (mm/in):
	G	Center to center outside holes (mm/in):
	►	Special Instructions:



■	**CUSTOM BUCKETS**	
■	Belt width (mm/in):	
■	Bucket centers (mm/in):	
■	Distance from end of belt to first row of buckets (mm/in):	
■	Distance between first row and second row of holes (mm/in):	
■	Diameter of holes to be punched (mm/in):	
■	SPACING OF HOLES	
	►	First Row:
	►	Second Row:
■	NUMBER OF HOLES	
	►	First Row:
	►	Second Row:
■	BUCKET SIZE	

BELT PUNCHING DIAGRAM

P-1			**P-2**
P-3			**P-4**
P-5			**P-7**
P-8			**P-9**

INDUSTRIAL ELEVATOR BUCKETS

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BEST IN INDUSTRY

TIGER-TUFF, TIGER-CC
Nylon: Hot, Abrasive Applications

TIGER-TUFF, TIGER-CC
Urethane: Sticky, Abrasive Applications

TIGER-TUFF, TIGER-CC
Polyethylene: Food Grade Applications

BETTER

MAXI-TUFF AA
Nylon: Hot, Abrasive Applications

MAXI-TUFF AA
Urethane: Sharp Cutting Applications

MAXI-TUFF AA
Polyethylene: Food Grade Applications

BETTER

MAXI-TUFF MF (Medium Front)
Nylon, Urethane, Polyethylene

DI-MAX AA
Ductile Iron Elevator Buckets

DI-MAX AC
Ductile Iron Elevator Buckets

FABRICATED STEEL

AA FABRICATED STEEL
Centrifugal Discharge

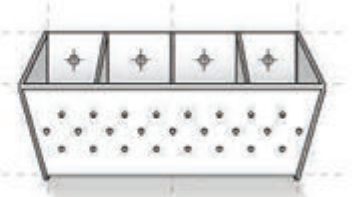
MF, HF & LF FABRICATED STEEL
Continuous Style

SC FABRICATED STEEL
Super Capacity

FABRICATED STEEL

AC FABRICATED STEEL
Powdery Applications

ACS FABRICATED STEEL
Saddle Bag Style



CUSTOMIZED FABRICATED STEEL
Made To Order

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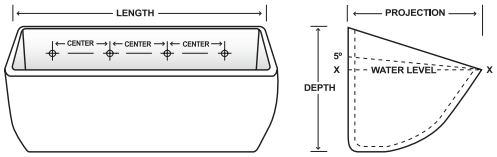
TIGER-TUFF
INDUSTRIAL ELEVATOR BUCKETS ®

TIGER-TUFF® Industrial Duty 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. The TIGER-TUFF Industrial bucket has the thickest lip, back wall and corners to maximize bucket life and maintain capacity. Standard spacing is projection x 2. The most common applications include cement, sand, gypsum, limestone, clay, concrete and many, many more. The TIGER-TUFF Industrial is the maximum duty industrial bucket for your most demanding industrial applications.



Mounting Holes and Venting to Your Specifications

FEATURES & BENEFITS

- Reduces Weight on Elevator up to 80%
- Cleaner Discharge Than Steel Buckets
- Non-Corrosive, Non-Sparking
- Thicker Walls, Heavy Front Digging Lip
- Heat, Impact & Abrasion Resistant
- Lowers Elevator Maintenance
- Extends Bucket Life
- Decreases Elevator Down Time
- Easy to Install and Replace
- Saves Money vs. Carbon Steel

BUCKET SIZE								CAPACITY, CU. IN.	
BUCKET SIZE	Length		Projection		Depth		Back Wall Thickness	Water Level X-X, Cu. In.	Water Level X-X, Cu. Ft.
	in.	mm	in.	mm	in.	mm			
6 x 5	6-5/8	168	5-3/4	146	5	127	0.33	67.20	0.039
7 x 5	7-5/8	194	5-3/4	146	5	127	0.33	79.72	0.046
8 x 5	8-5/8	219	5-3/4	146	5	127	0.33	88.54	0.051
9 x 5	9-5/8	244	5-3/4	146	5	127	0.33	107.37	0.062
10 x 5	10-5/8	270	5-3/4	146	5	127	0.33	121.30	0.070
11 x 5	11-5/8	295	5-3/4	146	5	127	0.33	140.70	0.081
12 x 5	12-5/8	321	5-3/4	146	5	127	0.33	159.87	0.093
8 x 6	8-5/8	219	6-7/8	175	6	152	0.40	135.56	0.078
9 x 6	9-5/8	244	6-7/8	175	6	152	0.40	150.26	0.087
10 x 6	10-5/8	270	6-7/8	175	6	152	0.40	170.69	0.099
11 x 6	11-5/8	295	6-7/8	175	6	152	0.40	185.18	0.107
12 x 6	12-5/8	321	6-7/8	175	6	152	0.40	200.37	0.116
13 x 6	13-5/8	346	6-7/8	175	6	152	0.40	220.78	0.123
12 x 7	12-7/8	327	7-7/8	200	7	178	0.42	269.24	0.156
13 x 7	13-7/8	352	7-7/8	200	7	178	0.42	292.51	0.169
14 x 7	14-7/8	378	7-7/8	200	7	178	0.42	315.77	0.183
15 x 7	15-7/8	403	7-7/8	200	7	178	0.42	346.64	0.201
16 x 7	16-7/8	429	7-7/8	200	7	178	0.42	377.41	0.218
11 x 8	11-7/8	302	8-7/8	225	8-1/4	210	0.50	340.02	0.197
12 x 8	12-7/8	327	8-7/8	225	8-1/4	210	0.50	373.00	0.216
13 x 8	13-7/8	352	8-7/8	225	8-1/4	210	0.50	404.85	0.234
14 x 8	14-7/8	378	8-7/8	225	8-1/4	210	0.50	436.80	0.253
16 x 8	17	432	9-1/4	235	8-1/4	210	0.50	512.57	0.297
18 x 8	19	483	9-1/4	235	8-1/4	210	0.50	567.49	0.328
20 x 8	21	533	9-1/4	235	8-1/4	210	0.50	646.81	0.374
22 x 8	23	584	9-1/4	235	8-1/4	210	0.50	701.90	0.406
24 x 8	25	635	9-1/4	235	8-1/4	210	0.50	763.40	0.441
16 x 10	17	432	11-1/4	286	10	254	0.75	795.70	0.461
18 x 10	19	483	11-1/4	286	10	254	0.75	910.00	0.527
20 x 10	21	533	11-1/4	286	10	254	0.75	1032.50	0.598

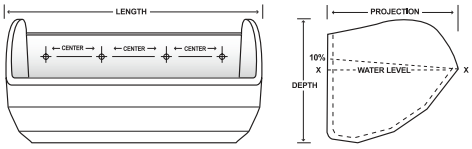
Disclaimer: Weights, dimensions, & capacities are estimated. Actual measurements may vary. For tight tolerances or additional / updated information, please contact Maxi-Lift. Standard spacing is Projection x 2. Some sizes are made to order.

TIGER-CC
INDUSTRIAL ELEVATOR BUCKETS®

TIGER-CC® Industrial Buckets

Slow Speed Centrifugal Discharge 125-450 FPM

The TIGER-CC Industrial is a maximum duty industrial elevator bucket designed in the traditional CC style. The TIGER-CC is engineered to maximize bucket life and elevator capacity, reduce down time and lower maintenance costs. The TIGER-CC Industrial bucket has the thickest lip, back wall and corners to maximize bucket life and maintain capacity. Standard spacing is projection x 2. The most common applications include sand, gypsum, limestone, clay, cement and many, many more. The TIGER-CC Industrial is the maximum duty industrial bucket for your most demanding industrial applications.



Mounting Holes and Venting to Your Specifications

FEATURES & BENEFITS

- Largest Capacity, Move More Material in a Single Row
- Thicker Corners
- Thicker Walls, Heavy Front Lip for Digging
- Cleaner Discharge
- Heat, Impact & Abrasion Resistant
- Non-Corrosive, Non-Sparking
- Extends Bucket Life
- Increases Elevator Capacity
- Lowers Elevator Maintenance
- Decreases Elevator Down Time

BUCKET SIZE								CAPACITY, CU. IN.	
BUCKET SIZE	Length		Projection		Depth		Back Wall Thickness	Water Level Cu. In. X-X	Water Level Cu. Feet X-X
	in.	mm	in.	mm	in.	mm			
10 x 7	10-7/8	276	8-1/8	206	6-7/8	174	0.50	217.3	0.126
11 x 7	11-7/8	301	8-1/8	206	6-7/8	174	0.50	236.2	0.137
12 x 7	12-7/8	327	8-1/8	206	6-7/8	174	0.50	258.3	0.149
13 x 7	13-7/8	352	8-1/8	206	6-7/8	174	0.50	299.7	0.173
14 x 7	14-7/8	377	8-1/8	206	6-7/8	174	0.50	313.1	0.181
15 x 7	15-7/8	403	8-1/8	206	6-7/8	174	0.50	338.7	0.196
16 x 7	16-7/8	428	8-1/8	206	6-7/8	174	0.50	352.2	0.204
12 x 8	12-7/8	327	9-1/4	235	8-7/8	225	0.55	366.0	0.212
14 x 8	14-7/8	377	9-1/4	235	8-7/8	225	0.55	430.0	0.249
16 x 8	16-7/8	428	9-1/4	235	8-7/8	225	0.55	510.0	0.295
18 x 8	18-7/8	479	9-1/4	235	8-7/8	225	0.55	560.0	0.324
20 x 8	20-7/8	530	9-1/4	235	8-7/8	225	0.55	655.0	0.379
18 x 10	19	481	11-1/2	292	10-3/8	264	0.70	914.7	0.529
20 x 10	21	533	11-1/2	292	10-3/8	264	0.70	1005.0	0.581
21 x 10	22	558	11-1/2	292	10-3/8	264	0.70	1055.0	0.611
22 x 10	23	584	11-1/2	292	10-3/8	264	0.70	1105.0	0.639
23 x 10	24	609	11-1/2	292	10-3/8	264	0.70	1155.0	0.668
24 x 10	25	635	11-1/2	292	10-3/8	264	0.70	1206.0	0.698
25 x 10	26	660	11-1/2	292	10-3/8	264	0.70	1256.0	0.727
26 x 10	27	685	11-1/2	292	10-3/8	264	0.70	1306.0	0.756
27 x 10	28	711	11-1/2	292	10-3/8	264	0.70	1356.0	0.785
28 x 10	29	737	11-1/2	292	10-3/8	264	0.70	1400.0	0.810

*Injection molded materials shrink at differing rates. External dimensions may vary. Weights, Dimensions & Capacities have been estimated from engineered elevator bucket drawings. Actual molded parts will vary from numbers on charts. For tight tolerances / the most updated information, please contact Maxi-Lift for additional information. Some sizes are made to order. Standard spacing is Projection x 2.

Indicates Available upon request - extended lead time required.

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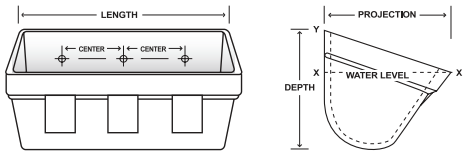
MAXI-TUFF®
ELEVATOR BUCKETS

MAXI-TUFF® Industrial Duty AA Buckets
Slow Speed Centrifugal Discharge 125-450 FPM

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



Mounting Holes and Venting to Your Specifications

FEATURES & BENEFITS

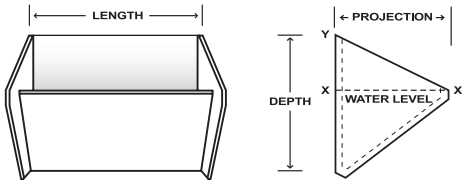
- Reduces Weight on Elevator up to 80%
- Cleaner Discharge Than Steel Buckets
- Non-Corrosive, Non-Sparking
- Thicker Walls
- Heat, Impact & Abrasion Resistant
- Lowers Elevator Maintenance
- Reduces Energy Usage
- Extends Bucket Life
- Decreases Elevator Down Time
- Easy to Install and Replace
- Saves Money vs. Carbon Steel

BUCKET SIZE								CAPACITY, CU. IN.	
BUCKET SIZE	Length		Projection		Depth		Back Wall Thickness	Water Level Cu. In. X-X	Water Level Cu. Feet X-X
	in.	mm	in.	mm	in.	mm			
4 x 3	4-1/4	108	3-1/8	79	3-1/8	79	0.205	13.4	0.008
5 x 4	5-1/4	133	4-1/8	105	4-1/8	105	0.205	34.8	0.020
6 x 4	6-1/4	159	4-1/8	105	4-1/8	105	0.205	41.5	0.024
7 x 4	7-1/4	184	4-1/8	105	4-1/8	105	0.225	51.3	0.030
7 x 5	7-1/8	181	5-1/4	133	5-1/4	133	0.325	76.6	0.044
8 x 5	8-1/8	206	5-1/4	133	5-1/4	133	0.325	89.7	0.052
9 x 5	9-1/8	232	5-1/4	133	5-1/4	133	0.300	101.3	0.059
9 x 6	9-3/8	238	6-1/8	156	6-1/8	156	0.290	132.4	0.077
10 x 6	10-3/8	264	6-1/8	156	6-1/8	156	0.322	148.3	0.086
11 x 6	11-3/8	289	6-1/8	156	6-1/8	156	0.285	163.5	0.095
12 x 6	12-3/8	314	6-1/8	156	6-1/8	156	0.345	186.1	0.108
12 x 7	12-3/8	314	7-1/8	181	7-1/8	181	0.284	244.1	0.141
14 x 7	14-3/8	365	7-1/8	181	7-1/8	181	0.300	298.4	0.173
14 x 8	14-3/8	365	8-1/8	206	8-1/8	206	0.455	351.5	0.204
16 x 8	16-3/8	416	8-1/8	206	8-1/8	206	0.455	406.4	0.235
18 x 8	18-1/8	460	8-1/8	206	8-1/8	206	0.455	467.4	0.271
18 x 10	18-1/2	470	10-1/8	254	10-1/8	257	0.463	692.6	0.401

Disclaimer: Standard spacing is Projection x 2.

MAXI-TUFF® Medium Front
Slow Speed Continuous Discharge 1-250 FPM

The MAXI-TUFF MF Medium Front continuous elevator bucket has the traditional shape of an MF steel elevator bucket. It also has a heavy reinforced lip and corners with a thickened back wall for mounting strength. Standard vertical spacing is depth + 1/4". The most common applications include fertilizer, clay, alumina and pellets. The MAXI-TUFF MF is the best bucket for flufy or free flowing materials or those which require gentle handling.



BUCKET SIZE								CAPACITY, CU. IN.	
BUCKET SIZE	Length		Projection		Depth		Back Wall Thickness	Water Level Cu. In. X-X	Water Level Cu. Feet X-X
	in.	mm	in.	mm	in.	mm			
8 x 5 x 7	8-1/4	210	5-1/2	140	7-1/2	191	0.380	80.56	0.047
10 x 5 x 7	10-1/4	260	5-1/2	140	7-1/2	191	0.395	94.90	0.055
12 x 7 x 11	12-1/4	311	7-1/2	191	11-1/2	292	0.350	172.63	0.100
14 x 7 x 11	14-1/4	362	7-1/2	191	11-1/2	292	0.325	201.30	0.117
16 x 7 x 11	16-1/4	413	7-1/2	191	11-1/2	292	0.325	238.81	0.138
18 x 7 x 11	18-1/4	464	7-1/2	191	11-1/2	292	0.325	244.31	0.141
12 x 8 x 11	12-1/4	311	8-1/2	216	11-1/2	292	0.325	274.60	0.159
14 x 8 x 11	14-1/4	362	8-1/2	216	11-1/2	292	0.325	335.61	0.194
16 x 8 x 11	16-1/4	413	8-1/2	216	11-1/2	292	0.325	396.63	0.230
18 x 8 x 11	18-1/4	464	8-1/2	216	11-1/2	292	0.325	467.65	0.271

Disclaimer: Weights, dimensions, & capacities are estimated. Actual measurements may vary. For tight tolerances or additional / updated information, please contact Maxi-Lift. Standard vertical spacing is depth + 1/4". Some sizes are made to order.

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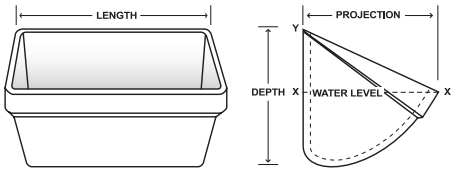
DI-MAX DUCTILE IRON BUCKETS®

DI-MAX® Ductile Iron AA, DI-MAX® AA Digger

The DI-MAX AA style ductile iron elevator bucket is engineered to exceed the performance requirements of most industrial applications. This bucket is designed with thicker walls and a reinforced front lip to increase bucket life in tough industrial environments. Ductile iron is far superior to malleable iron in both impact and abrasion resistance. Replacing malleable iron with DI-MAX ductile iron elevator buckets will result in longer bucket life and more efficient operation.



Mounting Holes and Venting to Your Specifications

FEATURES & BENEFITS

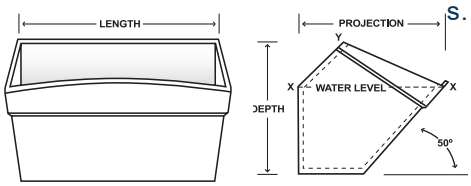
- Mill duty, thick walls with reinforced back & corners
- Extremely high impact and abrasion resistance
- Applications up to 600 degrees
- Designed to handle sand, glass cullet, stone, shot blast, rock, concrete and other abrasive products
- Long wearing digging edge
- Stronger than steel of the same gauge
- **Smooth surface to ensure proper filling**

BUCKET SIZE, INCHES							THICKNESS			CAPACITY	
BUCKET SIZE	Length		Projection		Depth		Back Wall Thickness	Front Corner Thickness	Front Lip Thickness	Water Cu. Inches X-X	100% Gross Cu. Inches X-Y
	in.	mm	in.	mm	in.	mm					
4 x 3	4-1/2	102	3-3/8	86	3-1/2	89	.185	.275	.250	17.1	24.2
6 x 4	6-1/2	152	4-3/8	102	4-1/2	114	.250	.350	.275	42.3	63.5
7 x 4 1/2	7-1/2	191	4-3/8	114	4-1/2	114	.250	.350	.275	49.5	76.2
7 x 5	7-7/8	200	5-1/8	130	5-1/2	140	.250	.250	.210	68.6	102.9
8 x 5	8-1/2	216	5-3/8	137	5-1/2	140	.250	.400	.375	83.1	126.3
9 x 5	9-1/2	241	5-3/8	137	5-1/2	140	.250	.400	.375	90.7	138.8
11 x 5	11-7/8	302	5-1/4	133	5-1/2	140	.210	.250	.210	102.6	153.9
15 x 5	15-7/8	403	5	127	5-1/2	140	.210	.400	.350	154.2	235.9
19 x 5	19-7/8	505	5-1/4	133	5-1/2	140	.250	.400	.350	198.2	303.2
9 x 6	9-5/8	244	6-3/8	162	6-1/2	165	.300	.400	.375	124.7	190.8
10 x 6	10-5/8	270	6-3/8	162	6-1/2	165	.300	.400	.375	143.4	219.7
11 x 6	11-5/8	295	6-3/8	162	6-1/2	165	.300	.400	.375	159.8	244.5
12 x 6	12-5/8	321	6-3/8	162	6-1/2	165	.300	.400	.375	175.4	268.3
12 x 7	12-5/8	321	7-3/8	187	7-1/2	191	.330	.625	.450	219.7	350.9
14 x 7	14-5/8	371	7-3/8	187	7-1/2	191	.330	.625	.450	265.2	407.0
16 x 7	16-5/8	422	7-3/8	187	7-1/2	191	.330	.625	.450	301.2	460.9
14 x 8	14-5/8	371	8-3/8	213	8-1/2	216	.375	.625	.500	366.0	526.0
16 x 8	16-5/8	422	8-3/8	213	8-1/2	216	.375	.625	.500	381.4	599.2
18 x 8	18-5/8	473	8-3/8	213	8-1/2	216	.375	.625	.525	450.3	695.0
20 x 8	20-5/8	524	8-3/8	213	8-1/2	216	.375	.625	.525	499.3	763.9
24 x 8	24-5/8	625	8-3/8	213	8-1/2	216	.375	.625	.525	597.4	914.0
18 x 10	18-3/4	476	10-3/8	264	10-1/2	267	.440	.800	.750	661.5	1012.9

Use alone or as a Digger for MAXI-TUFF® AA Style plastic elevator bucket

DI-MAX® Ductile Iron AC

The DI-MAX AC style ductile iron elevator bucket is designed with thicker walls and a reinforced front lip to increase bucket life in tough industrial environments. Ductile iron is far superior to malleable iron in both impact and abrasion resistance. Replacing malleable iron with DI-MAX ductile iron elevator buckets will result in longer bucket life and more efficient operation.



BUCKET SIZE, INCHES							THICKNESS			CAPACITY	
BUCKET SIZE	Length		Projection		Depth		Back Wall Thickness	Front Corner Thickness	Front Lip Thickness	Water Cu. Inches X-X	100% Gross Cu. Inches X-Y
	in.	mm	in.	mm	in.	mm					
12 x 8	12-1/2	318	9-1/4	235	9	229	.425	.575	.550	368.9	472.4
16 x 8	16-1/2	419	9-1/4	235	9	229	.425	.600	.550	508.1	651.4
18 x 10	18-3/4	476	11-1/2	292	11	279	.550	.675	.700	874.5	1139.2
24 x 10	24-3/4	629	11-3/4	298	11	279	.410	.725	.600	1231.6	1570.9

UNIKING "UNITING THE STRONGEST LINES"

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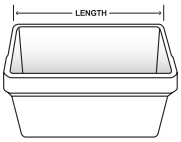
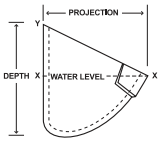
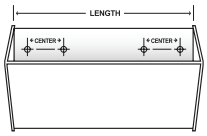
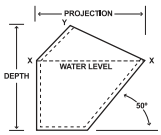
AA Welded Steel



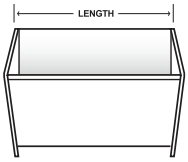


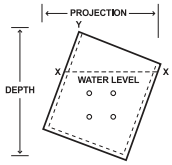
AC Welded Steel



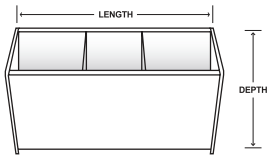


SC Welded Steel

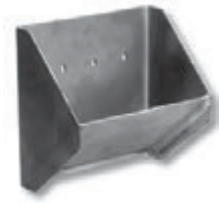


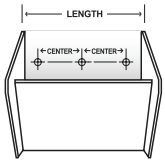


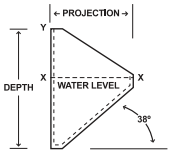
ACS Welded Steel



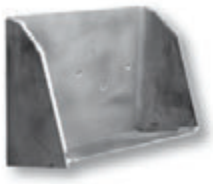
MF (Medium Front) Continuous Welded Steel

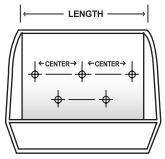


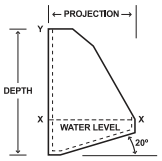




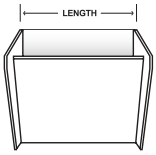
LF (Low Front) Continuous Welded Steel

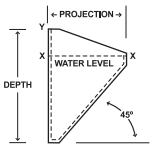






HF (High Front) Continuous Welded Steel





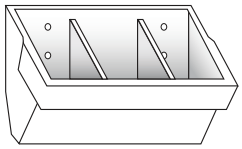
GAUGE / THICKNESS OPTIONS:
14ga, 12ga, 10ga, 7ga, 1/4”, 5/16”, 3/8”, 1/2” steel

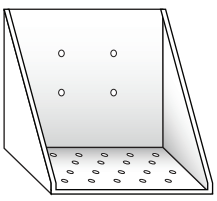
OPTIONS:
Carbon Steel, Stainless Steel, AR Plate, Wear Lips,
Hardened Surface, Hard Bead Welds and Food Grade Polishing

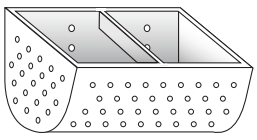
See Fabricated Steel Bucket general standards in full line guide and on website.

Custom Elevator Buckets Built to Your Specifications. Call Us For a Custom Quote.

Providing customized solutions to solve your problems is important to Maxi-Lift. With our large custom metal fabrication shop, we can build products in almost any size, style, or design. Our engineers can work from your drawings, create CAD drawings for approval or copy a sample bucket. We can recommend a combination of materials to help solve wear and performance problems in difficult applications.







ELEVATOR BOLTS & ACCESSORIES

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ELEVATOR BOLTS

STANDARD ELEVATOR BOLT

Standard #1 Norway
- Carbon
- 302 Stainless Steel
- Zinc Plated

STANDARD ELEVATOR BOLT			
SIZE, INCHES	WEIGHT / 100 PCS., LBS.	CASE QTY	KEG BULK QTY
1/4 x 3/4	2.94	1200	2000
1/4 x 1 *	3.24	1200	1700
1/4 x 1-1/4 *	3.43	1200	1500
1/4 x 1-1/2 *	3.73	1200	1300
1/4 x 1-3/4	3.98	1200	1200
1/4 x 2	4.29	1200	1000
1/4 x 2-1/4	4.88	600	900
1/4 x 2-1/2	4.92	600	800
5/16 x 3/4	4.76	1200	1200
5/16 x 1 *	5.05	1200	1000
5/16 x 1-1/4 *	5.55	1200	900
5/16 x 1-1/2 *	6.38	600	800
5/16 x 1-3/4	6.50	600	700
5/16 x 2 *	7.12	600	600
5/16 x 2-1/4	7.43	600	550
5/16 x 2-1/2	7.78	600	500
3/8 x 1-1/4	6.54	600	750
3/8 x 1-1/2	7.10	600	700
3/8 x 1-3/4	7.66	600	600
3/8 x 2 *	8.31	600	500
3/8 x 2-1/4	9.35	600	450
3/8 x 2-1/2	9.83	600	400
3/8 x 3	10.79	600	300

SABRE-TOOTH® ELEVATOR BOLT

Sabre-Tooth®
- Carbon
- 302 Stainless Steel
- Zinc Plated

SABRE-TOOTH ELEVATOR BOLT			
SIZE, INCHES	WEIGHT / 100 PCS., LBS.	CASE QTY	KEG BULK QTY
1/4 x 3/4	2.94	1200	2000
1/4 x 1 *	3.24	1200	1700
1/4 x 1-1/4 *	3.43	1200	1500
1/4 x 1-1/2 *	3.73	1200	1300
1/4 x 1-3/4	3.98	1200	1200
1/4 x 2 *	4.29	1200	1000
1/4 x 2-1/4	4.88	600	900
1/4 x 2-1/2	4.92	600	800
5/16 x 3/4	4.76	1200	1200
5/16 x 1 *	5.05	1200	1000
5/16 x 1-1/4 *	5.55	1200	900
5/16 x 1-1/2 *	6.38	600	800
5/16 x 1-3/4 *	6.50	600	700
5/16 x 2 *	7.12	600	600
5/16 x 2-1/4	7.43	600	550
5/16 x 2-1/2	7.78	600	500
3/8 x 1-1/4	6.54	600	750
3/8 x 1-1/2	7.10	600	700
3/8 x 1-3/4	7.66	600	600
3/8 x 2 *	8.31	600	500
3/8 x 2-1/4	9.35	600	450
3/8 x 2-1/2	9.83	600	400
3/8 x 3	10.79	600	300

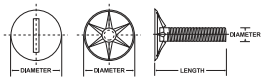
SABRE-TOOTH® BOLT (POINTED)

Sabre-Tooth®
- Carbon Steel

SABRE-TOOTH ELEVATOR BOLT			
SIZE, INCHES	WEIGHT / 100 PCS., LBS.	CASE QTY	KEG BULK QTY
1/4 x 1-1/4	2.52	1800	2100
1/4 x 1-1/2	2.78	1300	1800
5/16 X 1-1/4	4.60	900	1200
5/16 X 1-1/2	4.15	1000	1500

RELIANCE ELEVATOR BOLT

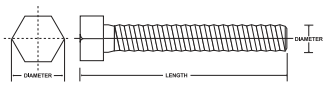
#3 Slotted Head
- Carbon Steel
- Zinc Plated



RELIANCE ELEVATOR BOLT			
SIZE, INCHES	WEIGHT / 100 PCS., LBS.	CASE QTY	KEG BULK QTY
1/4 x 3/4	2.7	1200	2400
1/4 x 1	1.9	1800	2500
1/4 x 1-1/4	3.0	1200	1800
1/4 x 1-1/2	3.5	1200	1800
5/16 x 1-1/4	4.9	1200	1200

HEX HEAD BOLT

- Zinc Plated • Grade 5
- Used with Chain Attachments



HEX-HEAD ELEVATOR BOLT			
SIZE, INCHES	WEIGHT / 100 PCS., LBS.	CASE QTY	KEG BULK QTY
1/2 X 1	8.50	1200	1700
1/2 x 1-1/4	9.45	1200	1500
1/2 x 1-1/2	10.70	1200	1300
3/8 x 1	4.15	1200	1700
3/8 x 1-1/4	4.80	1200	1500
3/8 x 1-1/2	5.65	1200	1300

*Available in 302 Stainless Steel

Continually applies metallography tests to our fasteners to ensure the finest quality parts are upheld. ASTM certificates are on file and available upon request.

MAXI-LIFT BELT SPLICES

Elevator Belt Fastening Systems

MAXI-SPLICE SUPER & ULTRA

The MAXI-SPLICE SUPER and ULTRA are the next generation of elevator belt splices. The unique design embraces our Maxi-Splice three piece construction, with the addition of an NBR rubber wedge to protect against belt wear for long life. Each is designed with a larger radius for improved belt life. The smaller ULTRA features a single bolt design. The larger SUPER has two bolts for additional clamping force and plate friction.

MAXI-SPLICE SUPER

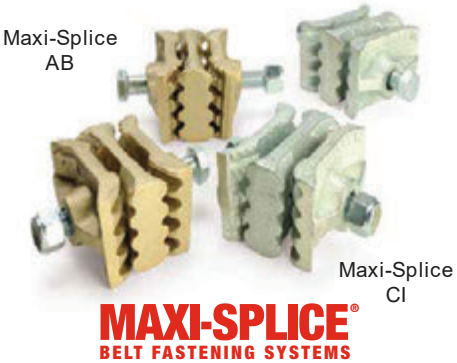
- High Grade, Lightweight Aluminum Construction
- NBR Rubber Wedge Protects Backside of Belt
- Weight: 4.8 lbs. each
- Two Bolt Design
- 3/4" x 5" and 3/4" x 5-1/2" Hex Head Bolts
- Usable on Belts Rated 800-1200 PIW tensile.

MAXI-SPICE ULTRA

- High Grade, Lightweight Aluminum Construction
- NBR Rubber Wedge Protects Backside of Belt
- Weight: 1.93 lbs. each
- One Bolt Design
- 5/8" x 4-1/2" Hex Head Bolt
- Rated for belts up to 800 PIW

MAXI-SPLICE® AB & CI

- The MAXI-SPLICE is a mechanical clamping device with a simple 3-piece construction. The design is for use on PVC and rubber belting.
- Maximum operating temperatures: AB: 500°F, CI: 600°F.
- Each splice set accommodates two inches of belt width.
- It is tested and approved by leading manufacturers of PVC and rubber belting.



MAXI-SPLICE AB

- 9/16" Diameter Grade 5 Bolt
- 9/16" x 5" Hex Head Bolts
- Non-Ferrous Metal of Very High Tensile Strength
- Usable On Belts of up to 800 PIW Tensile
- Non-Sparking, Non-Corroding & Non-Rusting
- Bronze Color
- Weight: 2.9 Lbs. Each

MAXI-SPLICE CI

- Ferrous Metal of Moderately High Tensile Strength
- 1/2" x 5" Hex Head Bolts
- Usable on Belts of Up to 600 PIW Tensile
- Silver Color
- Weight: 2.6 Lbs. Each

WARNING: DO NOT USE MAXI-SPLICE ON MANLIFTS!

Please read all instructions before installing any Maxi-Splice product. Instructions can be found at www.maxilift.com. Failure to follow installation instructions may result in splice failure. As with any belt splice, continuous, regular inspections are required or failure can occur.

Never mix Maxi-Splice products on a single installation. Reduced or uneven clamping pressure may occur compromising splice integrity and could result in splice failure.

Maxi-Lift neither solicits nor recommends the use of any Maxi-Splice belt clamp for splicing man-lift belts. Maxi-Splices were neither designed for nor tested for this purpose. Any installation of a Maxi-Splice product for this purpose may result in splice failure causing serious bodily harm or even death. Do not use on steel cable belts.

Do not re-use nylon insert lock nuts when reinstalling Maxi-Splices. Please use new nylock nuts for reinstallation. Replacements are available from Maxi-Lift.

For applications exceeding 250° F, nylon insert lock nuts may not be used, as this temperature range exceeds the manufacturer's threshold for nylon integrity. Compression locking nuts should be utilized instead.

While the AB and CI Maxi-Splice may be used on wing pulleys, they may contribute to wear on the backside of the belt at the splice. It is the user's responsibility to inspect the splice at regular maintenance intervals to prevent failure. Noise may also be heard as the splice contacts the wings of the pulley.

DISCLAIMER: The information provided in this catalog may include inaccuracies or typographical errors. Changes are periodically made to the information contained in this catalog. Updated information / changes can be made at any time. Specific questions about the information contained in this catalog can be confirmed with

*All Engineering and technical data provided by Maxi-Lift or Maxi-Lift employees is for general reference only and does not guarantee perfect discharge, or required throughput capacities (bushels per hour, tons per hour, etc) for all bucket elevators including all range of speeds shown within the speed range. We also do not guarantee any impact on material damage as material is moved through a bucket elevator.

Tolerances: Thermal plastic molded products will vary slightly in size, capacity and weight.

Manufacturer recommends storing plastic buckets away from exposure to the sun, as its UV rays and other general weather conditions will diminish the life the product. Exposure to outside weather elements voids all warranties.

MAXI-LIFT BELT SPLICES

Splice Comparison

BELT SPLICE TECHNICAL DATA SHEET

Maxi-Lift Inc.® ELEVATOR SPLICES

		 MAXI-SPLICE®	 MAXI-SPLICE®	 MAXI-SPLICE® ULTRA	 MAXI-SPLICE® SUPER	 TITAN THE ULTIMATE BELT SPLICE
PART DETAILS	Product	MAXI-SPLICE	MAXI-SPLICE	MAXI-SPLICE	MAXI-SPLICE	MAXI-SPLICE
	Brand	CI	AB	ULTRA	SUPER	TITAN
	Part No.	CI5	AB5	ULTRA5	SUPER5	TITAN
SPLICE CONSTRUCTION	Color	Silver	Manganese Bronze	Silver	Silver	Silver
	Construction	3 Piece Mechanical Clamping Device	3 Piece Mechanical Clamping Device	3 Piece Mechanical Clamping Device with NBR (Nitrile) Rubber Wedge	3 Piece Mechanical Clamping Device with NBR (Nitrile) Rubber Wedge	3 Piece Mechanical Clamping Device with HNBR Rubber Wedge
	Metal Material	Galvanized Cast Iron	Manganese Bronze	Aluminum	Aluminum	Aluminum
	Metal Description	Ferrous Cast Iron	Non-Ferrous Bronze	High Grade, Lightweight Aluminum	High Grade, Lightweight Aluminum	High Grade, Lightweight Aluminum
	Rubber Material	None	None	Replaceable NBR Rubber Wedge	Replaceable NBR Rubber Wedge	Replaceable HNBR Rubber Wedge
SPLICE SPECIFICATIONS	Weight (lbs.)	2.60	2.90	1.93	4.80	Per Application
	Length	3"	3"	4-1/2"	6-1/4"	6"
	Width	2"	2"	2-1/2"	3"	Per Application
	PIW Rated	Up to 600 PIW Tensile	Up to 800 PIW Tensile	Up to 800 PIW Tensile	800-1200 PIW Tensile	Over 1200 PIW
	Recommended Belt Thickness	1/4" to 5/8"	1/4" to 5/8"	1/4" to 5/8"	3/8" to 3/4"	Per Application
BOLT SPECIFICATIONS	No of Bolts	1	1	1	2	Per Application
	Bolt Grade	Grade 5 Hex Head Bolt	Grade 5 Hex Head Bolt	Grade 5 Hex Head Bolt	Grade 5 Hex Head Bolt	M16 10.9 Hex Head Bolt
	Bolt Diameter (Inches)	1/2"	9/16"	5/8"	3/4"	Per Application
	Bolt Length (Inches)	5"	5"	4-1/2"	5" and 5-1/2"	Per Application
	Washers	Yes	Yes	Yes	Yes	Yes
	Nuts	Nylock	Nylock	Nylock	Nylock	Oval Lock Nut
	Recommended Torque *	75 ft./lbs.	100 ft./lbs.	125 ft./lbs.	150 ft./lbs.	Per Application
	Template Tape Included	Yes	Yes	Yes	Yes	Requires Special Template
SHIMS	Required Shims Per Belt Thickness	N/A	N/A	Under 5/16" - No Shims 5/16" to 3/8" - 1 Shim 3/8" to 5/8" - 2 Shims	Under 1/2" - No Shims 1/2" to 5/8" - 1 Shim 5/8" to 3/4" - 2 Shims	N/A
TEMPERATURE RATINGS	Max. Operating Temps	600° F / 350° C	500° F / 260° C	200° F / 93° C (NBR Rubber Wedge Limiting Factor) - Alternative Wedges Available for Higher Temperatures	200° F / 93° C (NBR Rubber Wedge Limiting Factor) - Alternative Wedges Available for Higher Temperatures	320° F / 160° C (HNBR Hydrogenated Nitrile Butadiene Rubber Wedge Limiting Factor)
	Nylock Nut Max. Temp	250° F	250° F	250° F	250° F	320° F
MINIMUM HEAD PULLEY	Agricultural (High Speed) **	12"	12"	24"	30"	48"
	Industrial (Centrifugal/Gravity)	12"	12"	20"	36"	48"
BUCKET PROJECTION	Minimum Recommended	4"	4"	5"	7"	8"
FEATURES/ BENEFITS		Strong, Standard, Mechanical Splice	Non-Sparking, Non-Corroding, Non-Rusting	Non-Sparking, Non-Corroding, Non-Rusting, Longer Belt Life	Non-Sparking, Non-Corroding, Non-Rusting, Longer Belt Life	Non-Sparking, Non-Corroding, Non-Rusting, Longer Belt Life

* When torquing splice bolts, do not use impact wrench as over-torquing will cause both belt and splice failure. In addition, under torquing could lead to insufficient clamp pressure and could create splice failure, and tracking issues. ** On smaller pulleys, the metal shims must be installed correctly, or the rubber wedge could fail.

Customer is responsible for checking the splices on a consistent basis for correct torque during splice operation. Do not reuse hardware (bolts, nylock or oval nuts) when reinstalling splices. Please always read Maxi-Lift Installation Instructions and apply template tape when installing splices for correct installation. See website for more details.

Do not use Maxi-Lift splices on any type of belt manlifts.

U.S. Utility Patent: "U.S. Pat. 9,605,730 B2. U.S. Design Patent: "U.S. Des. Pat. D724,289 S. European Patent Application No. 15154390.7

ELEVATOR BELTS

HEADQUARTERS 514.886.5270
12985 Rue Brault, Mirabel Quebec, Canada J7J 0W2 UNIKINGCANADA.COM

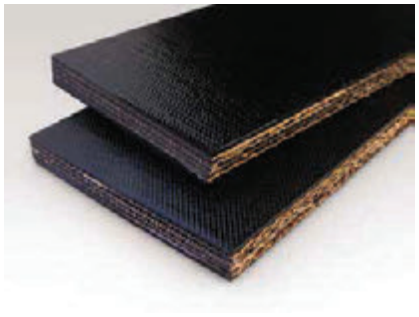
GRAIN & FOOD BELTING

RUBBER GRAIN & PVC BELTING

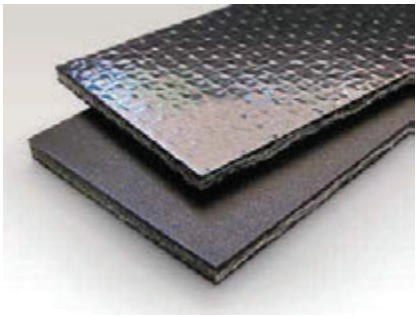
PATHFINDER PLUS SUPREME - MSHA 2G / OSHA 284 - Premium rubber grain belt with the highest oil resistance and lowest stretch, designed for the grain industry where oily grains and controlled mineral or vegetable oil dust suppressive sprays come in contact with the belt.

SOR-SC-FR - MSHA 2G / OSHA ISO 284 - Superior Oil Resistant, Static Conductive and Flame Resistant grain rubber belt ideal for handling crushed grains, rice, fertilizers, animal feeds and oil treated grains.

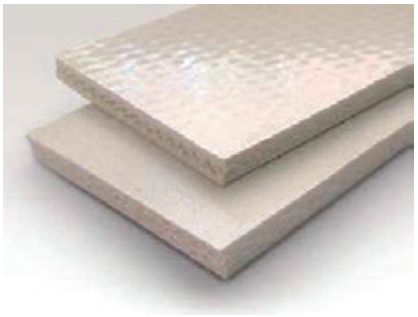
PVC, BLACK & WHITE - MSHA 2G / OSHA 284 - General purpose solid woven PVC cover x cover belt, with FDA and PVGE options, that is ideal for handling whole grains, rice, fertilizers, refined sugars and animal feeds.



RUBBER (Premium) 3/375, 4/500, 3/600, 4/800
(Standard) 220, 330, 440, 600, 800



PVC (Standard) 200, 250, 350, 450, 600



PVC (Food & Grain) 200, 350, 400
White & Black. Also available in FDA White

RUBBER GRAIN & PVC BELTING (STANDARD STOCK)**

Application	Style	Material	Grade	Rated Working Tension (lbs/in)	Rated Working Tension (N/mm)	Nominal Overall Gauge (in)	Nominal Overall Gauge (mm)	Nominal Weight (PIW)	Nominal Weight (kg/sq. m)	Suggested Minimum Pulley (in)	Suggested Minimum Pulley (mm)	Maximum Bucket Projection (in)	Maximum Bucket Projection (mm)
Grain	PF 3 / 375	Rubber	Premium	375	650	0.303	7.70	0.175	10.25	16	400	9	229
	PF 4 / 500	Rubber	Premium	500	875	0.354	8.99	0.2	11.71	20	500	11	279
	PF 3 / 600	Rubber	Premium	600	1050	0.376	9.55	0.205	12.00	18	450	11	279
	PF 4 / 800	Rubber	Premium	800	1400	0.465	11.81	0.24	14.05	20	500	12	305
	2 / 220	Rubber	Standard	220	400	0.25	6.35	0.145	8.49	14	350	6	152
	3 / 330	Rubber	Standard	330	600	0.3	7.62	0.34	19.91	16	400	8	203
	4 / 440	Rubber	Standard	440	800	0.351	8.92	0.2	11.71	20	500	10	254
	3 / 600	Rubber	Standard	600	1050	0.365	9.27	0.205	12.00	20	500	10	254
	4 / 800	Rubber	Standard	800	1400	0.435	11.05	0.46	26.94	30	750	11	279
	PVC 200	PVC / PVGE	Standard	200	350	0.24	6.10	0.133	7.79	4	100	5	127
	PVC 250	PVC / PVGE	Standard	250	430	0.26	6.6	0.146	8.54	6	150	6	150
	PVC 350	PVC / PVGE	Standard	350	600	0.3	7.62	0.167	9.78	8	200	8	203
	PVC 450	PVC / PVGE	Standard	450	800	0.36	9.14	0.2	11.71	10	250	9	229
	PVC 600	PVC / PVGE	Standard	600	1050	0.375	9.53	0.23	13.47	12	300	10	254
Food / Grain	PVC 200	PVC	White	200	350	0.24	6.10	0.133	7.79	4	100	5	127
	PVC 350	PVC	White	350	600	0.3	7.62	0.167	9.78	8	200	8	203
	PVC 450	PVC	White	450	800	0.36	9.14	0.2	11.71	10	250	9	229

*Belt tables are for general use only, specific manufacturer's data is available upon request.
** Items above are standard stock. Other belts may be in stock.