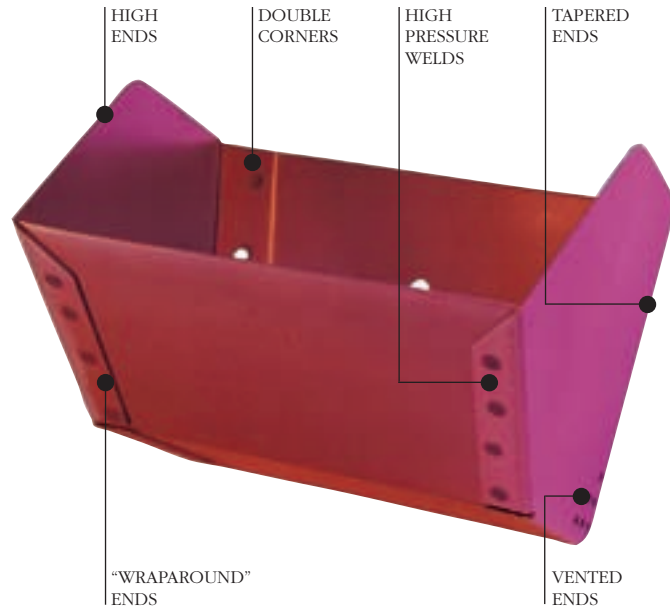




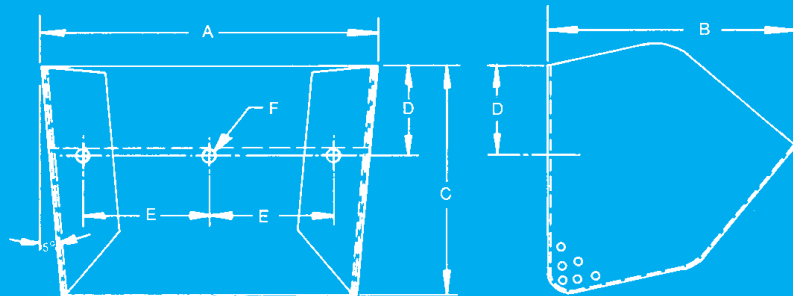
ELEVATOR BUCKETS

PROVEN PERFORMANCE

The merits and advantages of Sweetheart™ elevator buckets have been proven for over 40 years in thousands of bucket elevator installations. They have greater cubic inch capacities than plastic buckets of similar size. Vented ends provide faster and cleaner discharge including feeds and soft stock. Die-formed “wrap-around” ends that conform into matching offsets at the rear of the bucket provide reinforcement and a flat belt surface. Higher and tapered ends minimize spillage plus permit nesting for ease of handling, shipping, storage, and installation. Stainless steel and serrated digger buckets also available.



SPECIFICATIONS



DIMENSIONS

SIZE	LENGTH A	PROJECTION B	DEPTH C	TOP OF BACK TO CENTER OF BOLT HOLES D	CENTER TO CENTER BOLT HOLES E	DIA. OF BOLT HOLES F	DIA. OF BOLTS	NO. OF BOLT HOLES	BODY GAGE STEEL	END GAGE STEEL	GROSS CU. IN. CAPACITY 100% FULL	RECOMMENDED MINIMUM VERTICAL SPACING
6x4	6"	4 5/16	3 3/8	1 1/2	4 3/8"	5/16	1/4	2	16	16	62	
6x5	6"	5 3/8	4 3/4	1 3/4	4 3/8"	5/16	1/4	2	16	16	96	6"
9x5	9"	5 3/8	4 3/4	1 3/4	3 5/8"	5/16	1/4	3	16	16	145	6"
9x6	9"	6 1/2	5 3/4	2	3 5/8"	5/16	1/4	3	16	16	213	8"
10x6	10"	6 1/2	5 3/4	2	4 1/8"	5/16	1/4	3	16	16	237	8"
12x6	12"	6 1/2	5 3/4	2	3 3/8"	5/16	1/4	4	16	16	284	8"
12x7	12"	7 5/16	6 5/8	2	3 3/8"	11/32	5/16	4	14	16	375	9"
15x7	15"	7 5/16	6 5/8	2	3 1/4"	11/32	5/16	5	14	16	469	9"
10x9	10"	9 3/8	8 1/2	2 1/4	4 1/8"	11/32	5/16	3	14	14	466	10"
13x9	13"	9 3/8	8 1/2	2 1/4	3 3/4"	11/32	5/16	4	14	14	606	10"
14x9	14"	9 3/8	8 1/2	2 1/4	3	11/32	5/16	5	14	14	652	10"
16x9	16"	9 3/8	8 1/2	2 1/4	2 7/8"	11/32	5/16	6	14	14	746	10"

DIMENSIONS IN INCHES. CONTACT SALES FOR OTHER SIZES.



Sweetheart™ ELEVATOR BUCKETS

BUCKET BOLT AND ASSOCIATED HARDWARE SELECTION

This specification is to be used for the selection of hardware to fasten buckets to the belt of bucket elevators.

The standard for steel buckets is to use a bucket bolt and hex nut with lock washer.

For plastic buckets, a flat washer should go on the inside of the bucket followed by a lock washer and hex nut. Do not use a washer between the bucket and the belt unless specified by the customer, such as in seed

applications, where the material may be entrapped behind the bucket. If a washer is required, it should be either a nylatron, neoprene, or leather washer.

For stainless steel bucket elevators, the same arrangement is to be used as above, but the hardware should be stainless steel. This includes the bucket bolts, nuts, flat washers, and lock washers.

1/4" Hardware

220 PIW 2 PLY	330 PIW 3 PLY
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1/4" Hardware: steel buckets

Bucket bolt	1/4 x 3/4	1/4 x 1
Bolt with nut P/N	400384	400385
Lock washer P/N	400496	400496

1/4" Hardware - plastic buckets

Bucket bolt	1/4 x 1-1/4	1/4 x 1-1/4
Bolt with nut P/N	400386	400386
Flat washer P/N	400520	400520
Lock washer P/N	400496	400496

1/4" Hardware - steel buckets - with lap splice

Bucket bolt	1/4 x 1-1/4	1/4 x 1-1/4
Bolt with nut P/N	400386	400386

1/4" Hardware - plastic buckets - with lap splice

Bucket bolt	1/4 x 1-1/2	1/4 x 1-1/2
Bolt with nut P/N	400387	400387

NOTE: Lock washer 400496 is to be used on all applications and flat washer 400520 will be used with plastic buckets only.

5/16" Hardware

330 PIW 3 PLY	440 PIW 4 PLY
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5/16" Hardware - steel buckets

Bucket bolt	5/16 x 1	5/16 x 1-1/4
Bolt with nut P/N	400390	400391
Lock washer P/N	400497	400497

5/16" Hardware - plastic buckets

Bucket bolt	5/16 x 1-1/4	5/16 x 1-1/2
Bolt with nut P/N	400391	400392
Flat washer P/N	400521	400521
Lock washer P/N	400497	400497

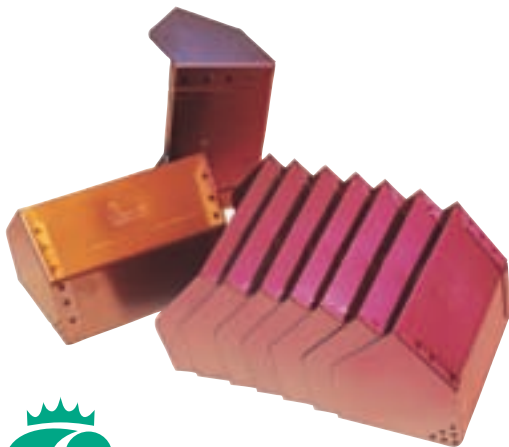
5/16" Hardware - steel buckets - with lap splice

Bucket bolts	5/16 x 1-1/4	5/16 x 1-1/2
Bolt with nut P/N	400391	400392

5/16" Hardware - plastic buckets with lap splice

Bucket bolt	5/16 x 1-1/2	5/16 x 1-3/4
Bolt with nut P/N	400392	400393

NOTE: Lock washer 400497 is to be used on all applications and flat washer 400521 will be used with plastic buckets only.



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