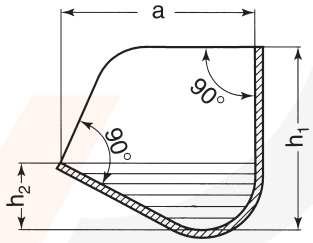
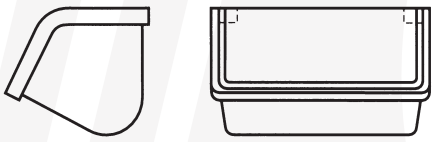
Plate steel elevator buckets

The plate steel elevator buckets come either in a deep or a shallow version. Completely in accordance with DIN 15231, 15232, 15233, and 15234. The correct bucket is selected depending on the product, fine or crude material.These buckets are available in a pressed or welded version and feature recessed holes. Bechtel offers you a selection of various different materials, such as: S235JR, S355J2G3, Hardox 400/500, Creusabro 4800 / 1.3401, Stainless steel 1.4301 / 1.4404 / 1.4571.

The net volumes listed in the tables correspond to the shaded areas in the drawing, if the backside is vertical.



Bucket with front lip reinforcement



Bucket with trilateral edge reinforcement

Plate steel elevator buckets may be strengthened even further with a welded edge reinforcement. Options include a front lip reinforcement or a tri-lateral edge reinforcement.

T +49 (0)202 758975 - 0
F +49 (0)202 758975 - 10

info@bechtel-wuppertal.de
www.bechtel-wuppertal.de

Plate steel elevator buckets

DIN 15231

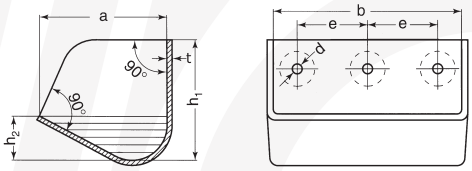


Plate steel elevator buckets in a welded version in accordance with DIN 15231 (parameters in mm)

Shallow buckets, suitable for light-weight goods, such as flower etc.

Type	Size/weight						Volume	Holes			Max.
	b	a	h1	h2	t*	Kg	Z3	d	e	no.	bckts/m
80 x t	80	75	67	24	1,5	0,22	0,10	7,0	40	2	8,00
100 x t	100	90	80	28	1,5	0,33	0,16	7,0	50	2	6,50
125 x t	125	106	95	34	1,5	0,48	0,28	9,5	63	2	5,50
160 x t	160	125	112	40	1,5	0,70	0,50	9,5	80	2	4,50
180 x t	180	135	120	42	1,5	0,80	0,65	11,5	125	2	4,50
200 x t	200	140	125	45	1,5	0,95	0,80	11,5	125	2	4,00
250 x t	250	160	140	50	1,5	1,30	1,25	11,5	80	3	4,00
315 x t	315	180	160	56	1,5	1,80	1,93	11,5	112	3	3,00
400 x t	400	200	180	63	2,0	3,25	3,15	11,5	100	4	3,00
500 x t	500	224	200	71	3,0	6,60	4,84	14,0	100	5	3,00

Z3 = net volume in liters

t* = various different plate thicknesses are possible.

DIN 15232

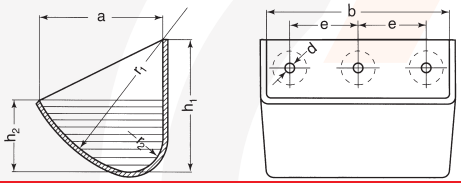


Plate steel elevator buckets in a welded version in accordance with DIN 15232 (parameters in mm)

Deep buckets, suitable for grainy goods, such as grains and seeds, etc.

Type	Size/weight						Volume	Holes			Max.
	b	a	h1	h2	t*	Kg	Z3	d	e	no.	bckts/m
80 x 1	80	75	80	43	1,5	0,24	0,17	7,0	40	2	10,00
100 x t	100	90	95	50	1,5	0,36	0,30	7,0	50	2	8,50
125 x t	125	106	112	60	1,5	0,51	0,53	9,5	63	2	7,00
160 x t	160	125	132	71	1,5	0,75	0,90	9,5	80	2	5,50
180 x t	180	130	140	75	1,5	1,00	1,14	11,5	125	2	5,00
200 x t	200	140	150	80	1,5	1,20	1,40	11,5	125	2	5,00
250 x t	250	160	170	90	1,5	1,40	2,24	11,5	80	3	5,00
315 x t	315	180	190	100	2,0	2,60	3,55	11,5	112	3	4,00
400 x t	400	200	212	112	2,0	3,55	5,60	11,5	100	4	3,00
500 x t	500	224	236	125	3,0	7,20	9,00	14,0	100	5	3,00
630 x t	630	250	265	140	3,0	13,00	14,00	14,0	100	6	2,50
800 x 4	800	280	300	160	4,0	22,20	23,30	14,0	200	7	2,50

Z3 = net volume in liters

t* = various different plate thicknesses are possible.

T +49 (0)202 758975 - 0
F +49 (0)202 758975 - 10

info@bechtel-wuppertal.de
www.bechtel-wuppertal.de

Plate steel elevator buckets

DIN 15233

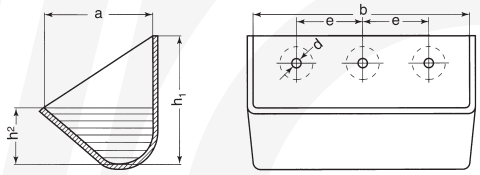


Plate steel elevator buckets in a welded or a pressed version in accordance with DIN 15233 (parameters in mm))

Medium deep buckets, suitable for sticky goods, such as sugar, etc.

Type	Size/weight						Volume	Holes			Max.
	b	a	h1	h2	t*	Kg	Z3	d	e	no.	bckts/m
160 x 140 x t	160	140	160	63	2,0	1,23	0,95	9,5	80	2	4,50
160 x 160 x t	160	160	180	71	2,0	1,44	1,20	9,5	80	2	4,00
200 x 160 x t	200	160	180	71	2,0	1,65	1,50	11,5	125	2	4,00
250 x 180 x t	250	180	200	80	2,0	2,25	2,40	11,5	80	3	4,00
250 x 200 x t	250	200	224	90	2,0	2,63	3,00	11,5	80	3	3,50
315 x 200 x t	315	200	224	90	3,0	4,55	3,75	11,5	112	3	3,50
400 x 224 x t	400	224	250	100	3,0	6,10	5,90	11,5	100	4	3,00
500 x 250 x t	500	250	280	112	4,0	11,50	9,30	14,0	100	5	3,00
630 x 280 x t	630	280	315	125	4,0	16,10	14,60	14,0	100	6	2,50
800 x 315 x t	800	315	355	140	5,0	27,50	23,30	14,0	200	7	2,50
1000 x 355 x t	1000	355	400	160	5,0	38,20	37,60	14,0	200	9	2,00

Z3 = net volume in liters

t* = various different plate thicknesses are possible.

DIN 15234

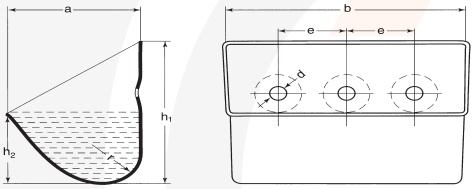


Plate steel elevator buckets in a welded version in accordance with DIN 15234 (parameters in mm)

Deep buckets, suitable for heavy goods, such as cokes, sand, glass, etc.

Type	Size/weight						Volume	Holes			Max.
	b	a	h1	h2	t*	Kg	Z3	d	e	no.	bckts/m
160 x 140 x t	160	140	180	95	2,0	1,38	1,50	9,5	80	2	4,00
160 x 160 x t	160	160	200	106	2,0	1,59	1,90	9,5	80	2	4,00
200 x 160 x t	200	160	200	106	2,0	1,85	2,40	11,5	125	2	4,00
250 x 180 x t	250	180	224	118	2,0	2,49	3,70	11,5	80	3	3,50
250 x 200 x t	250	200	250	132	3,0	4,36	4,60	11,5	80	3	3,00
315 x 200 x t	315	200	250	132	3,0	5,09	5,80	11,5	112	3	3,00
400 x 224 x t	400	224	280	150	3,0	7,03	9,40	11,5	100	4	3,00
500 x 250 x t	500	250	315	170	4,0	12,80	14,90	14,0	100	5	2,50
630 x 280 x t	630	280	355	190	4,0	17,60	23,50	14,0	100	6	2,50
800 x 315 x t	800	315	400	212	5,0	30,60	37,30	14,0	200	7	2,00
1.000 x 355 x t	1.000	355	450	236	5,0	42,00	58,30	14,0	200	9	2,00

Z3 = net volume in liters

t* = various different plate thicknesses are possible.

T +49 (0)202 758975 - 0
F +49 (0)202 758975 - 10

info@bechtel-wuppertal.de
www.bechtel-wuppertal.de