

ACO DRAIN

02725/ACP
BuyLine 4490

Location: Post Treatment - Sludge Area
Pipe Gallery
Treatment Bldg - Chemical Room

ACO S-100
Technical Data

Top View Dimensions: 39.37" total width, 0.3" gap, 19.7" segments, 5.5" height, 3.3" gap, 6.1" gap, 0.6" gap, 3.5" gap.

Side View Dimensions: 6.1" top flange, 5.6" top flange, 3.9" top flange, 0.6" height, 1.0" height, 3.5" gap.

H Dimension: S110 = 7.4", S120 = 8.8", S130 = 12.2"

Note: sloped channels available between S110 and S120.

ACO S-100 Channel Brute™ Constructed for Super Heavy Duty, Concentrated Load Areas

- Meets tough demands of hard wheel, high speed and heavy duty traffic, and track vehicles
- Based on traffic loads, can be combined with NW-100 system in a continuous drainage run
- Eight lockdown bolts for each channel securely hold cover grates

Ductile iron rail molded to channel and ductile iron grate for added strength

Available in sloped, neutral and step-down trench designs and larger diameters

Four corner steel locking bolts securely hold each half meter ductile iron grate.

Channel Brute easily handles track vehicle traffic.

Unique design of the S-100 Channel Brute system meets the toughest demands of continuous hard wheel traffic, high speed traffic and heavy load bearing applications in heavy track vehicles.

ACO's ductile iron rails are molded to the channel wall. Half-meter ductile iron grates are locked in each corner through molded slots. Each channel uses eight locking devices to secure cover grates. The heavy-duty cover grates are made of ductile iron, which are three times stronger than cast iron, withstand up to gross vehicle weights.

Interlocking trenches are manufactured in a 0.6% sloped, neutral or step-down design. Channels 10 through 19 can provide up to 33 feet of continuous channel slope. Three sizes of step-down channels, S-110, S-120, S-130 are available.

Liquid evacuation is achieved via a 4" round knockout panel on the channel bottom for a vertical outlet pipe, or through an end cap with a built-in 4" or 6" outlet pipe.

S-100 can be used independently or combined with NW-100 trench drains. Specify S-100 in crossover areas and NW-100 for general drainage. For large evacuation, ACO offers the S-200 with 8" I.D. or S-300 12" I.D.

ACO S-100 Channel Brute Weights

Part No.	Product and Size	Wt. Lbs.
1451	Channel Brute S110, complete with grates & locks	78
1252	Channel Brute S120, complete with grates & locks	89
1253	Channel Brute S130, complete with grates & locks	99
1447	Channel Brute S110, channel only	34
1448	Channel Brute S120, channel only	65
1449	Channel Brute S130, channel only	75
5581-5590	S10 through S19, complete with grates & locks	64-74
0658	S100 spacer No. 123	1
1450	S100 Channel Brute grate, 1/2 meter	12
1727	S100 Channel Brute rails	3
2323	S100-Varbus Ripp bolt M10x22	.05

THE ASAP SERIES

1-12-95
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INSPECTOR'S AS-BUILTS 1995

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