SMITH STAINLESS STEEL DRAINAGE PRODUCTS

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SMITH STAINLESS STEEL DRAINAGE PRODUCTS

Introduction

Stainless Steel – The Ultimate Material

Stainless Steel is one of the most popular and widely used materials available today due to its appearance, durability, and long life.

Stainless Steel’s unique advantage is its chromium content. Chromium has a great affinity for oxygen, and will form a film of chromium oxide on the surface of the steel, allowing it to resist stains and corrosion. This ensures easy cleaning and a gratifying appearance that lasts for years.

The material is perfect for applications in which products may suffer heavy use or abuse because it will not warp or break, even in extreme conditions. This durability makes Stainless Steel an ideal material for floor drains, floor sinks, floor cleanouts and trench drains.

In many cases stainless steel is the most cost-efficient solution because it requires less maintenance and has a longer service life than other materials. Moreover, stainless steel is fully recyclable and has a high scrap value on decommissioning.

Industries and Applications

- Atomic Energy, Nuclear Power Plants
- Bottling Plants
- Breweries
- Chemical Plants
- Commercial Kitchens
- Dairies
- Fossil Fuel Plants
- Foot Traffic Areas, Showers or Restrooms
- Food Handling, Restaurants and Cafeterias
- Health Care Facilities, Hospitals, Nursing Homes
- Laboratories
- Pharmaceutical Facilities, Clean Room, Lab
- Photographic Processing
SMITH STAINLESS STEEL DRAINAGE PRODUCTS
Laboratory Application

9614-S General Purpose Floor Drain

9614-S General Purpose Floor Drain

9614-S General Purpose Floor Drain

9646-S General Purpose Floor Cleanout
SMITH STAINLESS STEEL DRAINAGE PRODUCTS

Beverage Plant Application

9660 Modular Stainless Steel Trench Drain

9635-38-SBG General Purpose Area/Floor Drain

9630-32-SGB General Purpose Area/Floor Drain

9620-21-S General Purpose Floor Drain

9620-21-S General Purpose Floor Drain

9620-21-S General Purpose Floor Drain

9646-S General Purpose Floor Cleanout
SMITH STAINLESS STEEL DRAINAGE PRODUCTS
Kitchen Application

9691-9699 Area & Indirect Waste Drain with Dome Bottom Strainer or Sediment Bucket

9660-10N Stainless Steel Trough/Trench Drain

9630-9633 General Purpose Floor Drain

9646 General Purpose Floor Cleanout

9630-9633 General Purpose Floor Drain
**Recommended Smith Stainless Products by Industry or Application**

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* For information on 12”" trough, and custom stainless steel trench drains and other stainless steel products, contact your local Jay R. Smith Mfg. Co. representative or visit our web site at www.jrsmith.com
9600 Series – Jay R. Smith Mfg. Co. produces durable, sanitary and corrosion-resistant drains which offer lifelong service and enhanced custom appearance. Made from fabricated 14 and 16 gauge type 304 stainless steel or 316 material can be supplied (when specified).

9600 General Purpose Floor Drain with Adjustable Strainer Head for Light Duty Use
5” or 6” Round or Square Stainer

General purpose floor drain with adjustable strainer head and for light duty use, ideal for applications where superior sanitation, corrosion resistance and longevity are required.

9610 General Purpose Floor Drain for Medium Duty Use
6” Round Top

General purpose medium duty floor drain for use in finished and unfinished areas, ideal for applications in areas requiring superior sanitation, corrosion resistance and longevity.

9614-S General Purpose Floor Drain
8” Square Top

General purpose medium duty floor drain for use in finished and unfinished moderate traffic areas. Ideal for applications in areas requiring superior sanitation, corrosion resistance and longevity.

9614 Special Purpose Floor Drain with Heavy Duty Rim Flow Grate
8” Square or Round Top

Special purpose floor drain with heavy duty rim flow grate for use where perimeter drainage is required. Ideal for applications in areas requiring superior sanitation, corrosion resistance and longevity.
SMITH STAINLESS STEEL DRAINAGE PRODUCTS

9600 Series

9614-9615 General Purpose Floor Drain for Medium Duty Use
8” Round Top with 4” or 6” Deep Sump
8” Square Top with 4-3/4” or 6-3/4” Deep Sump - 9614-S

General purpose medium duty floor drain for use in finished and unfinished moderate traffic areas, ideal for applications in areas requiring superior sanitation, corrosion resistance and longevity.

9620-9621-S General Purpose Floor Drain
10” Square Top with 4-3/4” Deep Sump -S
10” Square Top with 6-3/4” Deep Sump -S

General purpose medium duty floor drain for use in finished and unfinished moderate traffic areas. Ideal for applications in areas requiring superior sanitation, corrosion resistance and longevity.

9620-9621 Special Purpose Floor Drain with Heavy Duty Grate
10” Round Rim Flow Top with 4-1/2” or 6-1/2” Deep Sump -RF
10” Square Rim Flow Top with 4-1/2” or 6-1/2” Deep Sump -SRF
10” Square Bar Grate Top with 5-1/4” or 7-1/4” Deep Sump -SBG

Special purpose floor drain with heavy duty rim flow grate for use where perimeter drainage is required. Ideal for applications in areas requiring superior sanitation, corrosion resistance and longevity.

9620-9622 General Purpose Floor Drain
10” Round Top with 4”, 6” or 8” Deep Sump

General purpose floor drain for use in finished and unfinished moderate traffic areas. Ideal for applications in areas requiring superior sanitation, corrosion resistance and longevity.
9630-9632 Special Purpose Floor Drain with Heavy Duty Rim Flow Grate
12” Round Rim Flow Top with 4-1/2”, 6-1/2” or 8-1/2” Deep Sump -RF
12” Square Rim Flow Top with 4-1/2”, 6-1/2” or 8-1/2” Deep Sump -SRF

Special purpose floor drain with heavy duty rim flow grate for use where perimeter drainage is required. Ideal for applications in areas requiring superior sanitation, corrosion resistance and longevity.

9630-32-SGB General Purpose Area/Floor Drain
12” Square Top Bar Grate with 5-1/4”, 7-1/4” or 9-1/4” Deep Sump

General purpose area/floor drain with bar grate for use in finished and unfinished areas requiring high flow capacity. Ideal for applications in areas requiring superior sanitation, corrosion resistance and longevity.

9630-9633 General Purpose Floor Drain
12” Round Top with 4”, 6”, 8”, or 10” Deep Sump

General purpose floor drain for use in finished and unfinished moderate traffic areas. Ideal for applications in areas requiring superior sanitation, corrosion resistance and longevity.

9635-9638 Special Purpose Floor Drain with Heavy Duty Rim Flow Grate
14” Square Rim Flow Top with 4-3/4”, 6-3/4”, 8-3/4” or 10-3/4” Deep Sump -SRF
14” Round Rim Flow Top with 4-1/2”, 6-1/2”, 8-1/2” or 10-1/2” Deep Sump -RF

Special purpose floor drain with heavy duty rim flow grate for use where perimeter drainage is required. Ideal for applications in areas requiring superior sanitation, corrosion resistance and longevity.
9635-38-SBG General Purpose Area/Floor Drain
14” Square Top Bar Grate with 5-1/4”, 7-1/4”, 9-1/4”
or 11-1/4” Deep Sump

General purpose area/floor drain with bar grate for use in finished and unfinished
areas requiring high flow capacity. Ideal for applications in areas requiring superior
sanitation, corrosion resistance and longevity.

9642-9643 14 Gauge Stainless Steel Floor, Area & Indirect Waste Drains
8” Square Top with 4” or 6” Deep Sump

General purpose medium duty floor drain for use in finished and unfinished moderate
traffic areas. Ideal for applications in areas requiring superior sanitation, corrosion
resistance and longevity.

9646 General Purpose Floor Cleanout
6” Round Top
6-1/2” Square Top -S

General purpose floor cleanout with diamond plate cover and ABS closure plug. Ideal for
applications in areas requiring superior sanitation, corrosion resistance and longevity.

9691-9699 Area & Indirect Waste Drain
Features Dome Bottom Strainer or Sediment Bucket
12” Square Top

General purpose area/floor drain for areas where the corrosion resistance of type 304
stainless steel is satisfactory for the intended service. Ideal for areas where superior
corrosion resistance, durability and longevity are required.
SMITH STAINLESS STEEL DRAINAGE PRODUCTS

9600 Series

9680 Large General Purpose Roof Drain
16" Diameter Flange

Large general purpose roof drain for flat roof construction. Large profile dome provides sufficient free area for constant drainage of rain water and protects the drain sump and connected piping from the intrusion of most debris. Wide clamping surface secures flashing and roofing materials without puncturing.

9682 General Purpose Roof Drain
10 1/2" Diameter Flange

Small general purpose roof drain for flat roof construction. Low profile dome provides sufficient free area for constant drainage of rain water and protects the drain sump and connected piping from the intrusion of most debris. Wide clamping surface secures flashing and roofing materials without puncturing.

9685 Scupper Drain

Scupper drain used at the junction of the parapet and roof. The angle grate prevents debris from blocking drainage.
SMITH STAINLESS STEEL DRAINAGE PRODUCTS

9700 Series

9700 Series – Jay R. Smith Mfg. Co. produces durable, sanitary and corrosion-resistant drains which offer lifelong service and enhanced custom appearance. Made from ASTM-A351 (CF8) cast equivalent to type 304 rough finished stainless steel. ASTM (CF8M) equivalent to type 316 can be supplied (when specified).

9700 General Purpose Floor Drain with Adjustable Strainer Head for Light Duty Use
7” Round

General purpose area/floor drain for areas where the corrosion resistance of type 304 stainless steel is satisfactory for the intended service. Ideal for areas where superior corrosion resistance, durability and longevity are required.

9705 Floor Drain with Medium Duty Top and Extended Integral Flange

Special purpose medium duty floor drain with extended integral flange for use in applications where the drain body is welded to a deck or where waterproof traffic floor coverings are applied.

9710-9715 General Purpose Floor Drain for Medium Duty Use
8 1/2” Round

General purpose medium duty top floor drain for use in finished or unfinished floors where corrosive materials must be discharged. Ideal for applications where moderate traffic is expected and corrosion-resistance is required.

9720 Special Purpose Floor Drain with Solid Scoriated Cover and Closure Plug for Medium Duty Use
8 1/2” Round

Special purpose medium duty floor drain with solid scoriated cover and closure plug, used for preventing sewer gases from entering through the drain. Ideal for applications where a solid cover and corrosion resistance is required.
SMITH STAINLESS STEEL DRAINAGE PRODUCTS

9700 Series

9725 General Purpose Floor Drain with Adjustable Top
8 1/2” Round
General purpose adjustable top floor drain for use in finished or unfinished applications, containing an adjustable top which permits accurate positioning of the grate to meet finished floor levels. Ideal for applications where moderate traffic is expected and corrosion resistance is required.

9730 Shallow Body Floor Drain for Heavy Duty Use
12” Round
General purpose heavy duty top floor drain for use in areas where waste water contains no sediment/debris and construction requires a shallow body, ideal for applications where heavy traffic is expected and corrosion resistance is required.

9735 Special Purpose Floor Drain with Adjustable Top,
Solid Scoriated Cover and Closure Plug
8 1/2” Round
Special purpose floor drain with adjustable top for use in applications where a solid cover closure plug and corrosion resistance are required. Adjustable top prevents sewer gas from entering the building & permits accurate position of top cover to meet finished floor.

9760 Round Deck Plug Type Floor Cleanout
4-1/2”, 5-1/2” and 7-1/2” Round Top
Used as a floor cleanout in drainage lines. Ideal for applications where a gas tight spanner type is desired and a corrosion resistant cleanout is required.
The 9660 Modular Stainless Steel Trench Drain Series is constructed from 16 gauge, type 304 stainless steel for facilities where hygiene, corrosion resistance, and visibility are imperative. There are 15, 1-meter long sloping, 4, 1-meter non-sloping and 2, 1/2-meter non-sloping channels and catch basins available. 316L stainless optional.

Used in kitchens or other areas where a trough drain is required and where sanitation is of prime concern. This 16-gauge Type 304 stainless steel trench drain is 39.38” long, 6.38” wide and has a 4” wide throat with bolting end plates. Available with 4” center outlet for trough drain configuration. 316L stainless optional.

Jay R. Smith stainless steel trench drain channels shall be 39.38” long, 6.38” wide, and have a 4” wide throat with bolting end plates. The modular channel sections shall be made of 16-gauge type 304 stainless steel. Channels shall be non-sloping.

Threshold drain for shower stall applications with vandal-proof ADA compliant stainless steel perforated inlay grating. Type 304 stainless steel; 316L stainless optional.
9870-450-SS
Slotted Stainless Steel
For food and beverage processing areas. High corrosion resistance.
1 meter. 6 lbs. Open Area 44.60 Sq. In. Quicklock® securing device is regularly furnished.

9870-451-SSPA
Perforated Stainless Steel
1/4" holes for effective surface drainage. Minimizes high heel hazard and large debris collection. High corrosion resistance. 1 meter. 5 lbs. Open Area 17.60 Sq. In. Quicklock® securing device is regularly furnished.

Load Class B: Medium Duty ADA Grate
ADA Compliant, Medium Duty DIN 19580
Class B - 28,100 lbs - 581 psi For Light Truck and Automobile Traffic

9870-447-SSADA
ADA Stainless Steel
Stainless steel 11 ga. ADA compliant design rated for light duty loads, 1 meter 8 lbs., open area 95.00 Sq. In. Quicklock® securing device is regularly furnished.

Load Class C: Heavy Duty
Heavy Duty, DIN 19580 Class C - 56,000 lbs. 1,162 psi for commercial pneumatic tire traffic patterns, forklifts, and tractor trailers

9870-465-SSP
Perforated Stainless Steel

9870-466-SBG
Stainless Steel Bar Grate
Stainless steel bar grate with 3/16" thick bars spaced on 11/16" centers. 1 meter long. 18 lbs. Open Area 127 Sq. In.

Load Class E: Extra Heavy Duty
Extra Heavy Duty, DIN 19580 Class E - 135,000 lbs. - 2,788 psi for commercial solid tire traffic patterns, forklifts and impacts from steel struts or metal wheels.

9870-490-SSHDE
Slotted Stainless Steel
(Reinforced) For heavy loads and frequent traffic. High corrosion resistance. 1 meter. 10 lbs. Open Area 42.60 Sq. In. per meter. QuickLock® securing device is regularly furnished.

Optional Material:
☐ Type 316 stainless steel -316SS

“Innovative Spirit and Engineering Foundation

“What sets us apart from competitors is our engineering and spirit. We have a ‘can-do’ spirit. If you ask us to do something, we will do it or figure out how to do it. That’s the part our customers like, that’s the part we like.”

- Don Morris, President and CEO