9000 SERIES
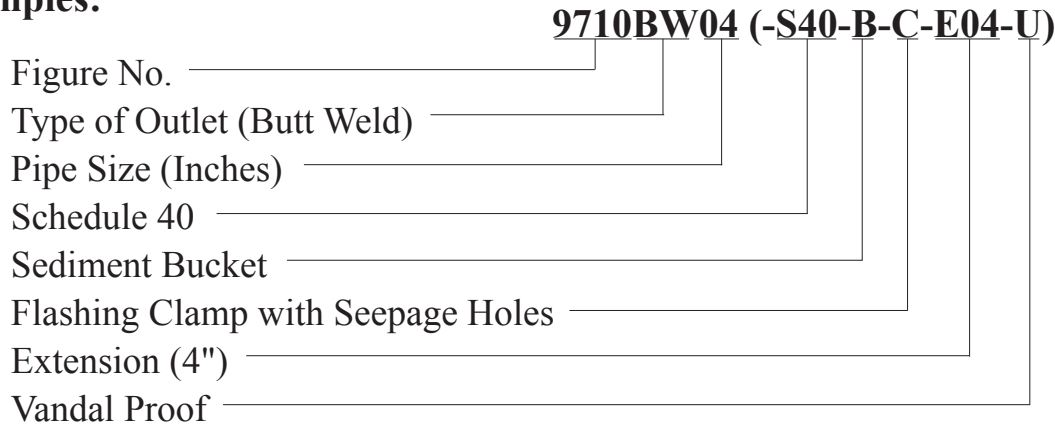
After identifying the proper options required to meet the engineering specification, place order as shown below:

Examples:

9710BW04 (-S40-B-C-E04-U)

Figure No.
Type of Outlet (Butt Weld)
Pipe Size (Inches)
Schedule 40
Sediment Bucket
Flashing Clamp with Seepage Holes
Extension (4")
Vandal Proof

*All variation suffixes are to be shown in parenthesis.

WHERE A SUPERIOR DRAIN IS REQUIRED

NUCLEAR AND FOSSIL FUEL POWER PLANTS
Stainless steel or carbon steel – as dictated by piping material and performance requirements.

FOOD PROCESSING INDUSTRIES
Where there is exposure to animal or vegetable fats and acids. Ideal for: Mills, slaughter and packing houses, dairies, breweries and citrus juice plants.

WIDELY USED IN – Hospitals, laboratories, chemical plants and many industrial plant applications.

- 9690 series drains are made from drawn 304 stainless steel 14 gauge sheet. 316 material can be supplied (when specified).

- 9700 series drains and cleanouts are regularly furnished in ASTM-A351 (CF8) cast equivalent to type 304 rough finish stainless steel.

- Optional Materials – (only when specified) ASTM (CF8M) equivalent to type 316 stainless steel. Carbon steel (ASTM A-27).

- Three outlet types available: Inside caulk (regularly furnished). Threaded and Butt Weld outlet (when specified).

- Floor drains (except 9713, 9718, 9740, 9745 and 9750) furnished with integral anchor flange.

- Seepage openings on flanged drains are furnished only (when specified) (except 9733 and 9734).

- Flashing clamp – Available with all integral anchor flange drains.

- All grates are regularly furnished loose set. Available vandal proof (when specified).

- Top finish – As cast (rough finish). Satin finished (when specified).

MATERIALS:

304 or CF8 stainless steel resists corrosion and oxidation because of its 18% minimum chromium content. The 8% minimum nickel content establishes this alloy's metallurgical characteristics and also extends resistance to corrosion caused by reducing chemicals.

304 or CF8 resists all ordinary rusting and is immune to food substances, sterilizing solutions, most of the organic chemicals, dye substances and a wide variety of inorganic chemicals.

316 or CF8M. Offered as optional material (when specified only). Used where a higher degree of corrosion resistance is needed as compared to Type CF8. Type CF8M differs from CF8 by the addition of up to 3% molybdenum. The molybdenum increases the corrosion resistance to withstand attack by many industrial chemicals and solvents. CF8M will also withstand attack by hypochlorite solutions, phosphoric acids, sulphite liquors, and sulfurous acids. Used in industries such as corrosive process chemicals, photographic paper, textiles, bleaches and rubber.

CN7M. Carpenter 20Cb-3 special stainless alloys may have to be specified for very severe corrosion problems. Consult Smith Sales Engineering Department for Recommendation.

MECHANICAL PROPERTIES:

Stainless steel is strong and ductile as compared to plastics and Hi-Sil iron, making it ideal for floor drain and cleanout applications.

Fabricatability: May be machined easily and lends itself to fabrication. Ideal for floor drains and cleanouts which have to be welded to stainless steel decks. Stainless steel is the only corrosion resistant material which offers this wide versatility of mechanical properties.

FIG. 9329-CAULK SUPPORT STRAP FOR SUPPORTING 02", 03" & 04" INSIDE CAULK DRAINS & CLEANOUTS

FUNCTION: Unique design enables installer to use the same strap for 02", 03" or 04" extra heavy or service weight soil pipe. The strap supports the body weight and the force created by caulking without slipping. May be left on pipe after drain is caulked in place or removed for re-use.
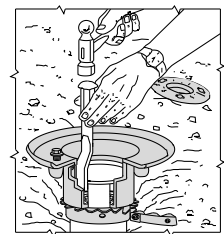
Installation of strap and drain is made fast and simple. Eliminates costly searching for wood and brick supports, wires or purchase of expensive riser clamps.

REGULARLY FURNISHED:
22 Gauge Tempered Steel Strap with Steel Machine Screw, Nut and Washer.
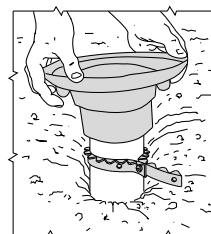
Inside Caulk Body Slips Over Stub and Rests on Support Strap

Drain Does Not Slip During Caulking Operation