

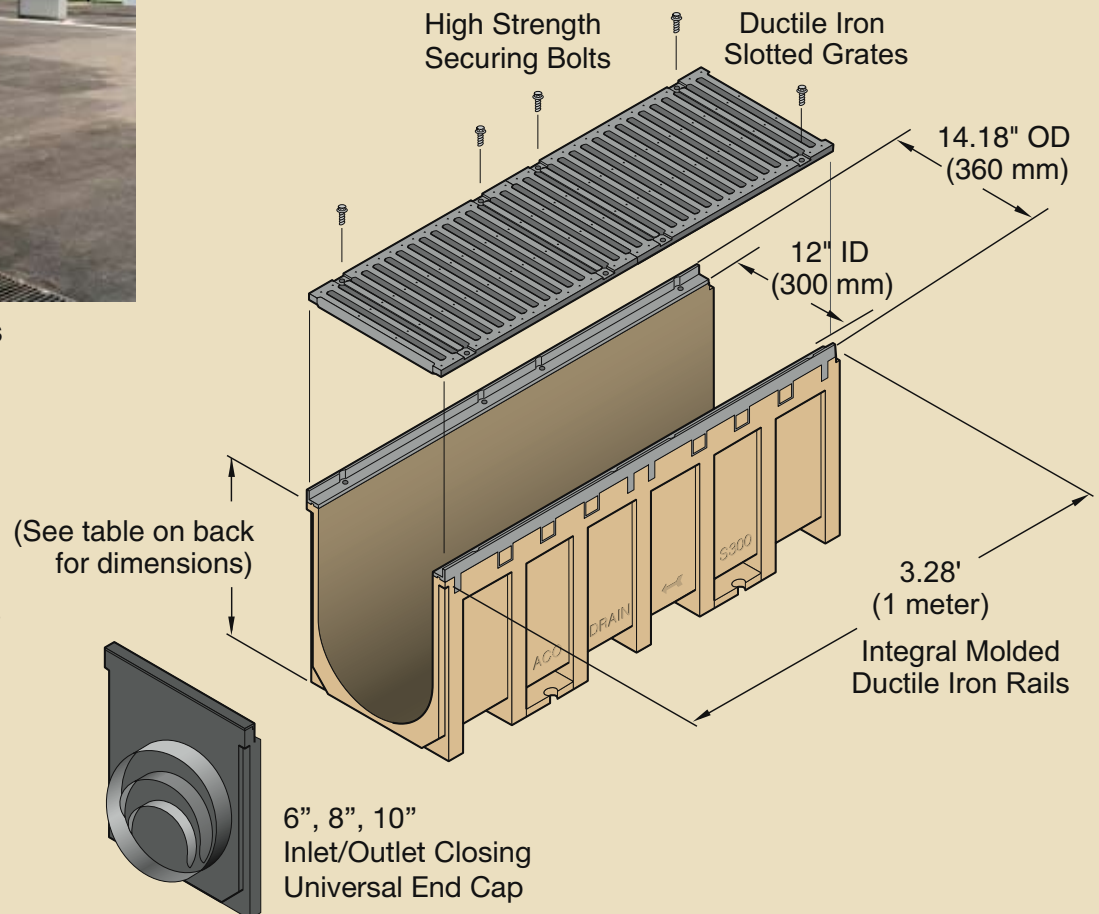
The 12" Wide Channel Brute Extra Heavy Duty, High Capacity, Polymer Concrete System, Fig. 9828

The Jay R. Smith Mfg. Co. 9828 Channel Brute Drainage System is a 12" wide, extra heavy duty, high capacity polymer concrete system. It is the only system that is pre-manufactured with 12" of internal width and integral ductile iron rails. The channel in combination with our secured ductile iron slotted grate is rated for 200,000 pound loads.



Typical Applications

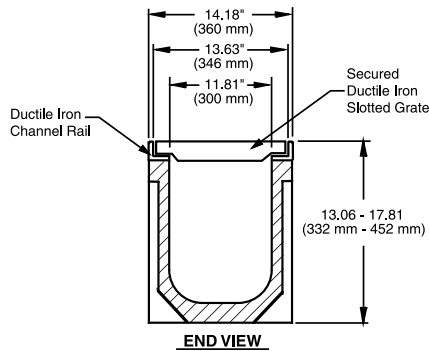
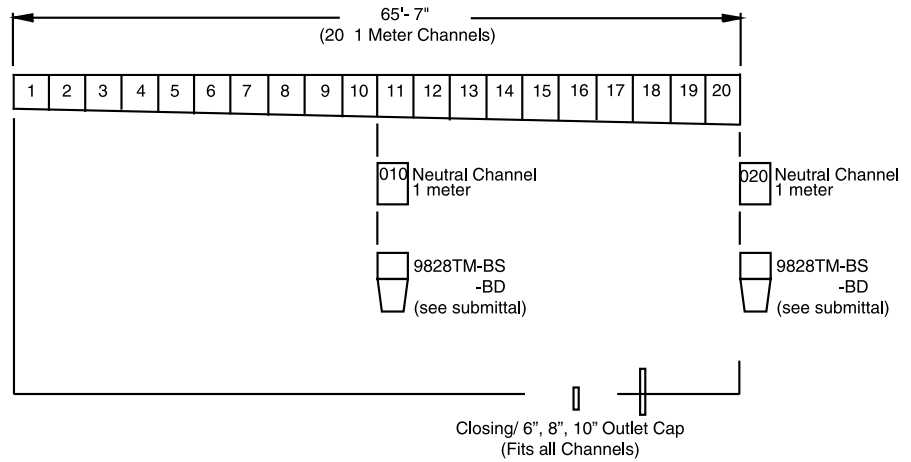
- * Airports
- * Bus Depots
- * Military Bases
- * Warehouses
- * Service Stations
- * Highways
- * Other Industrial Areas



12" Wide Channel Brute, Figure Number 9828

Product Features :

- Available in two neutral depths and 20 interlocking, 0.6% pre-sloped channels
- The shallowest channel is 13.06" and the deepest channel is 17.81".
- Closing end caps and horizontal outlet caps provide for a complete drainage system.
- Channel sections are provided with a vertical knockout of 6" and 8" outlet discharge.



CROSS SECTION DETAIL

Note: All channels provided with vertical preformed knock out position for 6" (152 mm) and 8" (203 mm) outlet discharge.

| Channel Number | Deep End Depth in. | Depth mm | Slope | Channel Length | Weight lbs. Channel w/Grates |
|----------------|--------------------|----------|-------|----------------|------------------------------|
| 9828-S300-1 | 13.31 | 338 | 0.6 | 39.38/1m | 217 |
| 9828-S300-2 | 13.54 | 344 | 0.6 | 39.38/1m | 218 |
| 9828-S300-3 | 13.78 | 350 | 0.6 | 39.38/1m | 219 |
| 9828-S300-4 | 14.01 | 356 | 0.6 | 39.38/1m | 220 |
| 9828-S300-5 | 14.25 | 362 | 0.6 | 39.38/1m | 221 |
| 9828-S300-6 | 14.49 | 368 | 0.6 | 39.38/1m | 222 |
| 9828-S300-7 | 14.72 | 374 | 0.6 | 39.38/1m | 223 |
| 9828-S300-8 | 14.96 | 380 | 0.6 | 39.38/1m | 224 |
| 9828-S300-9 | 15.20 | 386 | 0.6 | 39.38/1m | 225 |
| 9828-S300-10 | 15.43 | 392 | 0.6 | 39.38/1m | 226 |
| 9828-S300-010 | 15.43 | 392 | 0.0 | 39.38/1m | 227 |
| 9828-S300-11 | 15.67 | 398 | 0.6 | 39.38/1m | 227 |
| 9828-S300-12 | 15.91 | 404 | 0.6 | 39.38/1m | 228 |
| 9828-S300-13 | 16.14 | 410 | 0.6 | 39.38/1m | 230 |
| 9828-S300-14 | 16.38 | 416 | 0.6 | 39.38/1m | 231 |
| 9828-S300-15 | 16.61 | 422 | 0.6 | 39.38/1m | 232 |
| 9828-S300-16 | 16.85 | 428 | 0.6 | 39.38/1m | 233 |
| 9828-S300-17 | 17.09 | 434 | 0.6 | 39.38/1m | 234 |
| 9828-S300-18 | 17.32 | 440 | 0.6 | 39.38/1m | 235 |
| 9828-S300-19 | 17.56 | 446 | 0.6 | 39.38/1m | 236 |
| 9828-S300-20 | 17.81 | 452 | 0.6 | 39.38/1m | 238 |
| 9828-S300-020 | 17.81 | 452 | 0.0 | 39.38/1m | 238 |

NOTE: To calculate invert dimension on deep end of the channel, subtract 1.12" (28mm) from deep end depth shown in above table. The Channel Brute is designed for "on-grade" applications only. There are no provisions for a flashing flange or flashing clamp.