



DG0941D

900 Series

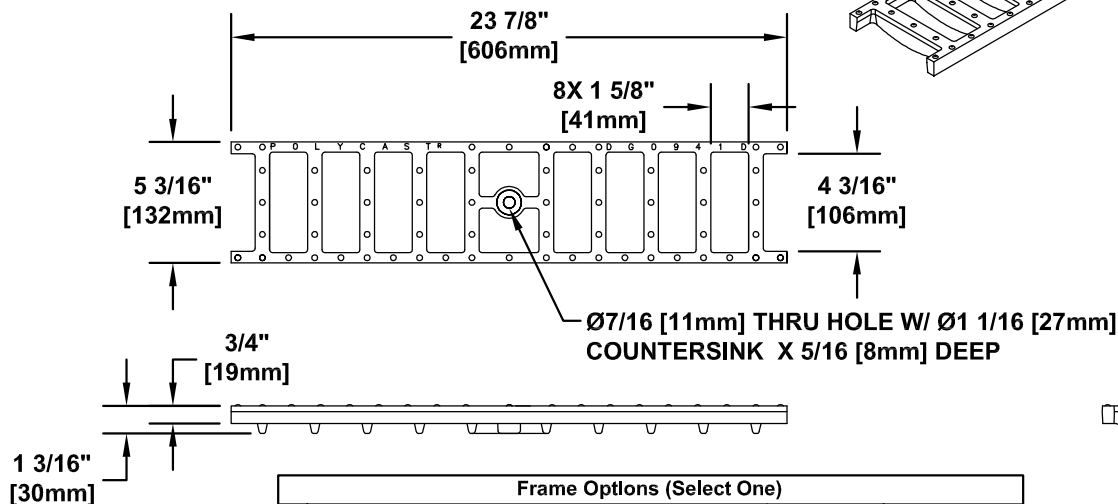
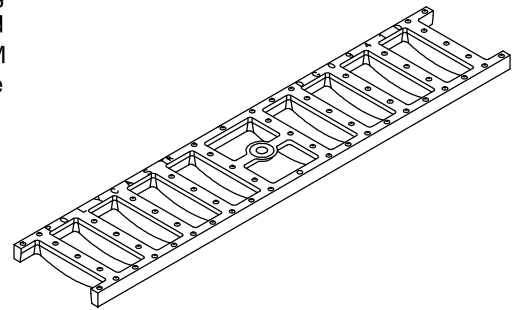
Ductile Iron Grate

PROJECT ID/ CONTRACT NO: _____

LOCATION: _____

ENGINEERING SPECIFICATION:

POLYCAST® Heavy Duty Ductile Iron Grate designed to support dynamic wheel loads in excess of AASHTO H-20. The grate is designed to be used in conjunction with the DG0970 frame as a removable grating clean out in line with other 900 Series non-removeable grating for highway traffic conditions. Grating locking device Part No. DA0942 (not shown) should be used and maintained secure. The grate has 60% (74in²) of open area. The grate is made of ASTM A536 GR. 65-45-12 (ductile iron) and weighs approximately 10lbs [4.54kg]. The grate is only available in a 24" [610mm] length.



Frame Options (Select One)			
Frame Type	Part No.	DIN Load Class	
<input checked="" type="checkbox"/> Iron Frame (w/4 anchoring rods)	DG0970	Class D	
Options (Select All That Apply)	Part No.	Additional Specifications:	
<input type="checkbox"/> Locking Device For Cast & Ductile Iron Frames & Grates	DA0642BH		
<input type="checkbox"/> Stainless Steel Locking Device	DA0642BHS		
<input type="checkbox"/> Locking Device For Ductile Iron Frames & Grates	DA0942		
<input type="checkbox"/> Stainless Steel Locking Device	DA0942S		



DIN APPLICATION LOAD CLASS D:

Trafficked sections of roads and highways

Designed for a distributed pressure of 89,920 lbs (400 kN).

Meets the following Standards & Specifications:

- DIN 19580 / DIN EN 1433 Drainage Channels for Vehicular and Pedestrian Areas
- Federal Aviation Administration (FAA) Advisory Circular AC 150/5320-6E Appendix 3. Design of Structures for Heavy Airplanes
- AASHTO H-20 and H-25 per AASHTO M-306 Drainage, Sewer, Utility and Related Castings



www.polycastdrain.com
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