

# POLYCAST!

## DG0641S

600 Series

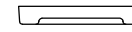
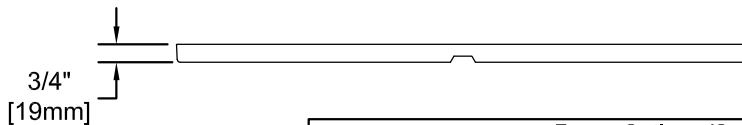
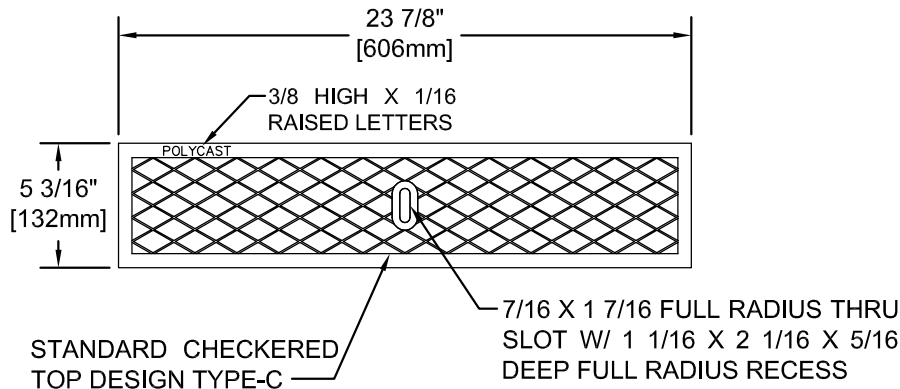
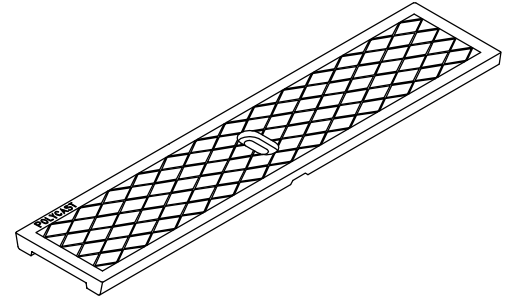
Ductile Iron Solid

PROJECT ID/  
CONTRACT NO: \_\_\_\_\_

LOCATION: \_\_\_\_\_

### ENGINEERING SPECIFICATION:

POLYCAST® DG0641S is appropriate for many general use conditions. Grating locking device Part No. DA0642B (not shown) should be used and maintained secure. The grate has 39% (40in<sup>2</sup>) of open area. The grate is made of ASTM A536 GR. 65-45-12 (ductile iron) and weighs approximately 8lbs [3.63kg]. The grate is only available in a 24" [610mm] length. The grate meets Load Class D when used alone in a 600 Series channel. If grate is used in conjunction with a DG0970 frame it meets Load Class F, a DG0700AA frame then meets Load Class F and a DG0700PE Frame it meets Load Class E.



Frame Options (Select One)		
<input checked="" type="checkbox"/> <b>Grate Type</b>	<b>Part No.</b>	<b>Load Class</b>
<input type="checkbox"/> DURAGUARD® Composite Frame	DG0700PE	Class E
<input type="checkbox"/> HARDNOSE Iron Frame	DG0700AA	Class F
<input type="checkbox"/> Iron Frame (w/4 anchoring rods)	DG0970	Class F
<input checked="" type="checkbox"/> <b>Options (Select All That Apply)</b>	<b>Part No.</b>	<b>Additional Specifications:</b>
<input type="checkbox"/> HARDNOSE Locking Device	DA0642B	
<input type="checkbox"/> DURAGUARD® Locking Device	DA0642BH	
<input type="checkbox"/> Stainless Steel Locking Device	DA0642BHS	
<input type="checkbox"/> Locking Device	DA0942	
<input type="checkbox"/> Stainless Steel Locking Device	DA0942S	



### APPLICATION LOAD CLASS D:

Highway vehicles, commercial aircraft and low to moderate speeds (parking areas, driveways and warehouses). Designed for a distributed pressure of 450psi (64,800psf). ADA compliant for accessible routes.

### MEETS THE FOLLOWING STANDARDS & SPECIFICATIONS:

- Federal Aviation Administration (FAA) Advisory Circular Airport Pavement Design and Evaluation (AC 150/5320-6D Appendix 3 Design of Structures for Heavy Aircraft)
- AASHTO Highway Drainage Guidelines
- AASHTO Standard Specification for Highway Bridges