

ENGINEERING SPECIFICATIONS

PROJECT: _____
ENGINEER: _____
CONTRACTOR: _____

The HULK Coupling - SUBMITTAL 4", 5", 6", 8", 10", 12"

Connect service pipe to Clay,
 Concrete, Ductile Iron, Duriron,
 Cast Iron, Steel, Plastic.

U.S. Patent: D956937
 Color: Green
 Complies with ASTM C 1173
 and CSA B602



TECHNICAL DATA:

PROPERTY	REQUIREMENT	TEST
Hardness (Shore A)	50-75	ASTM D 2240
Tensile Strength (psi, Min)	1000	ASTM D 412
Elongation at Break (% , Min)	200	ASTM D 412
Tear Strength (1bf/in, Min)	150	ASTM D 624
Water Absorption (%ΔinWt.Max)	20	ASTM D 471

Chemical Resistance

(48h at 23C)	No	
1 N Sulfuric Acid Absorption	Weight	
1 N Hydrochloric Acid Absorption	Loss	ASTM D 543

Stress Relaxation

Min. % Force Retention	30	ASTM D 6147
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Heat Aging (70 h at 70C)

Hardness Increase Durometer Pts (Max)	10	
Tensile Strength (%ΔMax)	25	
Elongation at Break (%ΔMax)	35	ASTM D 573

Ozone Resistance

50pphm, 100 h at 40C, 20% elongation	No Cracks	ASTM D 1149
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Clamp

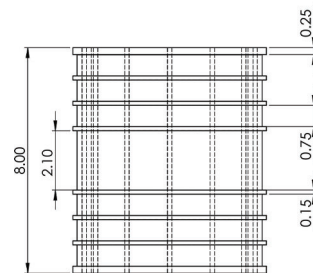
- 316 Stainless Steel w/ 120 inch-lb. installation torque
- 6 inch-lb. free torque maximum w/ 150 inch-lb. Ultimate torque minimum

HULK SIZING:

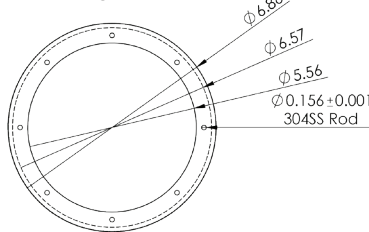
Size	Dimensional Range
HULK 4	4" 5.60" - 4.20"
HULK 5	5" 6.70" - 5.30"
HULK 6	6" 8.00" - 6.20"
HULK 8	8" 10.15" - 8.40"
HULK 10	10" 12.75" - 10.50"
HULK 12	12" 15.30" - 12.50"

Note: Use HULK 5 Coupling for 4" Clay to 6" Plastic.

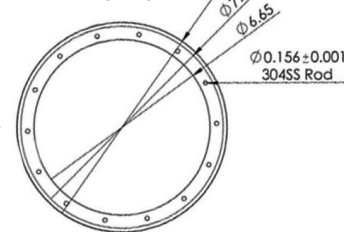
Universal Connection Sewers & Drains



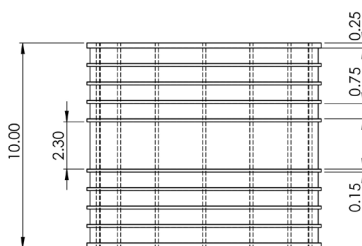
HULK 4



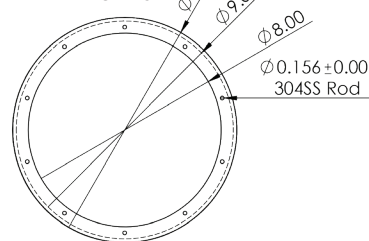
HULK 5



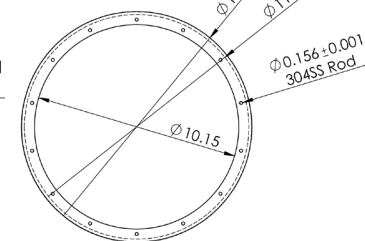
Embedded Stainless Steel rods



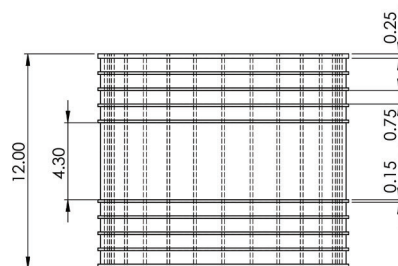
HULK 6



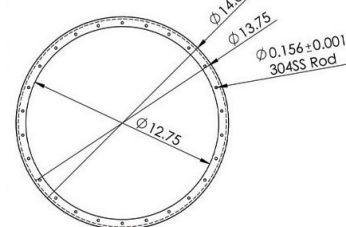
HULK 8



Below Ground Usage



HULK 10



HULK 12

