REGIONAL CATALOG: TEXAS

US FOUNDRY

AN EAGLE MANUFACTURING COMPANY

Thank you for your interest in US Foundry Products.

This Regional Catalog has been developed to show the most commonly used and specified Municipal Castings for the Texas area.

Please refer to our website at www.usfoundry.com for a complete catalog of products, General Information, Load Ratings and Definitions.

You may also request a printed or digital version of this or the complete catalog.

Please ask your local representative for pricing and availability of these and other castings.

Kyle Corley
Territory Manager - Sales

Office: (251) 272-8645
Cell: (985) 201-0596
Fax: (305) 512-7806
kcorley@usfoundry.com

US FOUNDRY
AN EAGLE MANUFACTURING COMPANY

www.usfoundry.com

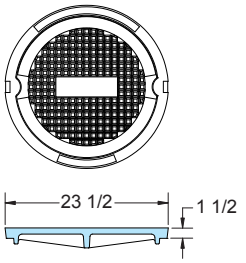
Edition 3.18 © U.S. Foundry 2018

INDEX

MANHOLE COVER TYPES	1
MANHOLE RINGS & COVERS	2
CATCH BASINS	4
CROSS REFERENCES	7

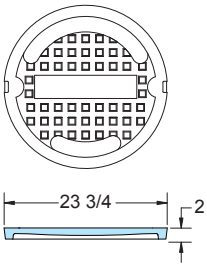
MANHOLE COVER TYPES

TYPE DS



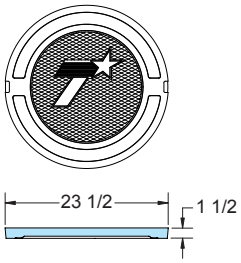
HEAVY DUTY

TYPE IG



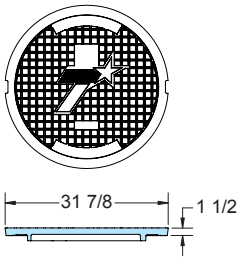
M306

TYPE IJ



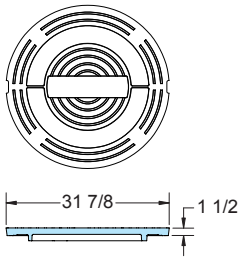
HEAVY DUTY

TYPE IK



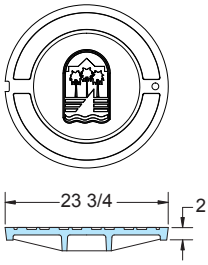
M306

TYPE IQ



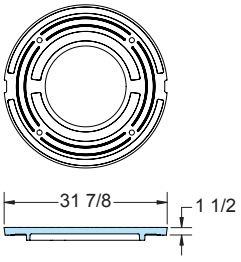
M306

TYPE IT



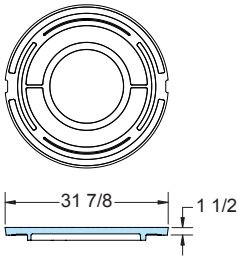
M306

TYPE IV



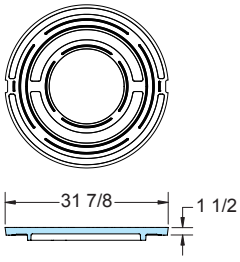
M306

TYPE IX



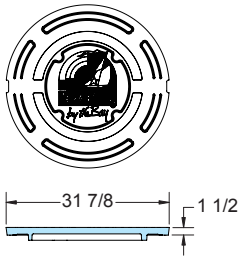
M306

TYPE IY



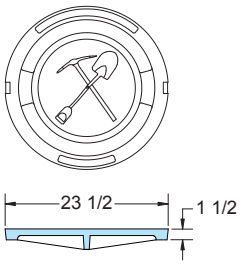
M306

TYPE IZ



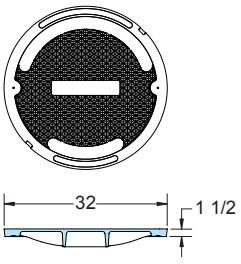
M306

TYPE LK



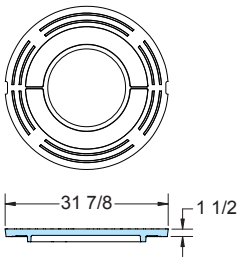
HEAVY DUTY

TYPE NL



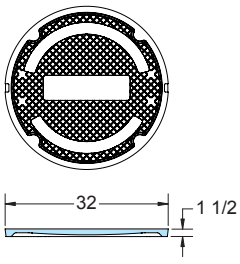
M306

TYPE QV



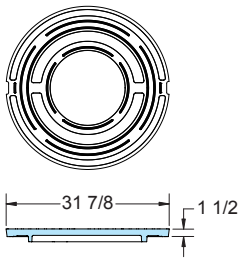
M306

TYPE RV



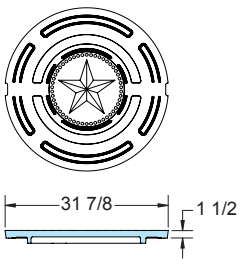
M306

TYPE SB



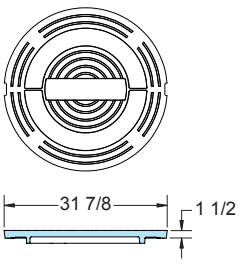
M306

TYPE SC



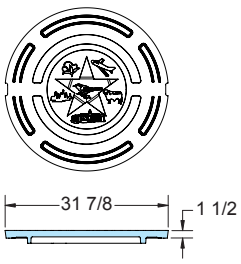
M306

TYPE SF



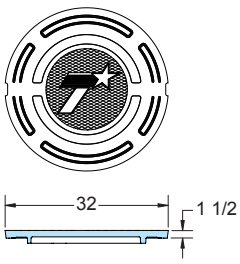
M306

TYPE SH



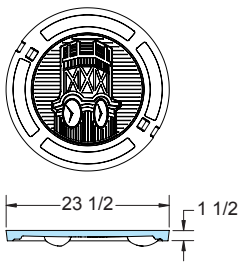
M306

TYPE TW



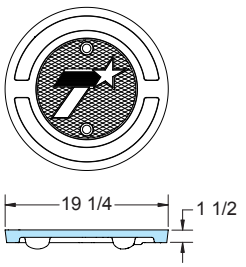
M306

TYPE TX



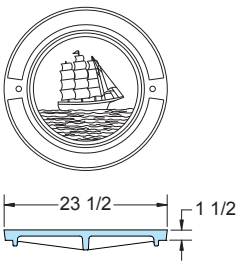
M306

TYPE TY



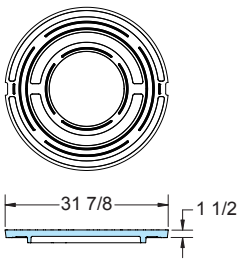
M306

TYPE UD



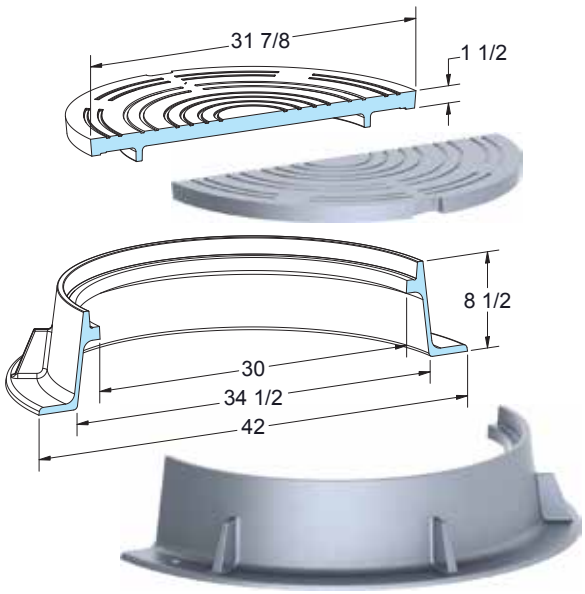
HEAVY DUTY

TYPE VI



M306

USF 108 RING AND COVER SERIES

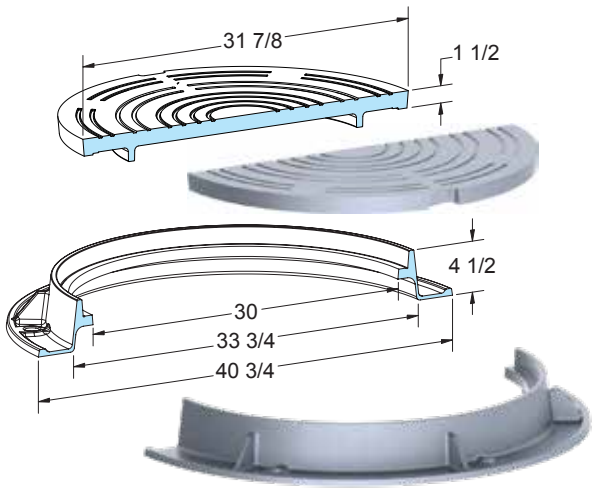


CITY OF HOUSTON, TEXAS - STANDARD

Cover Types: **IK**, ***IQ***, **IV, IX, IY, IZ, QV, SB, SC, SF, SH, VI**

Grate Available · Watertight · Gasket · Camlocks · Bolted · M306 AASHTO M306

USF 109 RING AND COVER SERIES

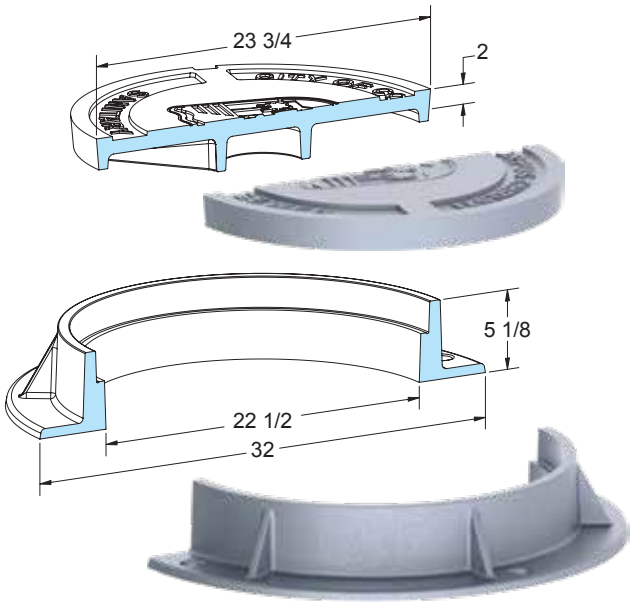


CITY OF HOUSTON, TEXAS
LOW PROFILE STANDARD

Cover Types: **IK**, ***IQ***, **IV, IX, IY, IZ, QV, SB, SC, SF, SH, VI**

Grate Available · Watertight · Gasket · Camlocks · Bolted · M306 AASHTO M306

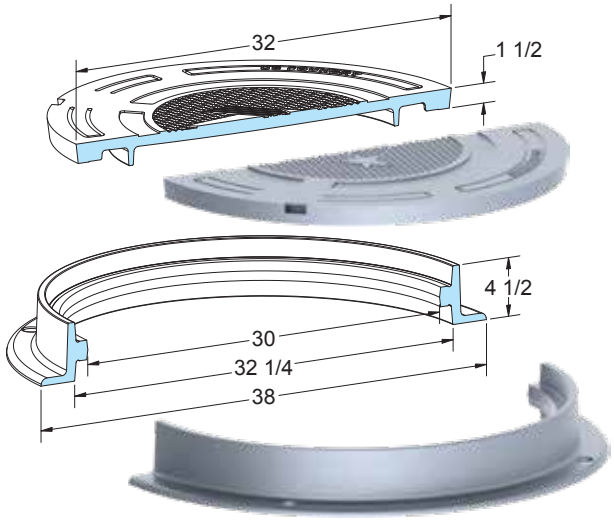
USF 110 RING AND COVER SERIES



Cover Types: **IG**, ***IT***

Watertight · Gasket · Bolted · M306 AASHTO M306

USF 111/1011 RING AND COVER SERIES

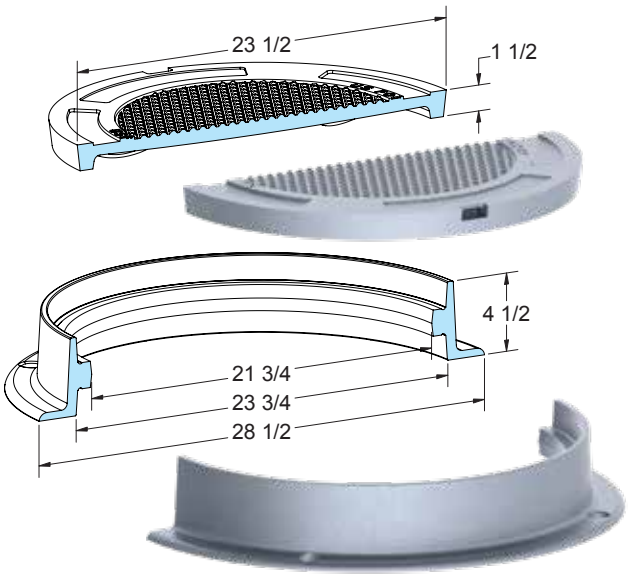


TXDOT 2014 STANDARD "RH" + RC REVERSE

Cover Types: **NL**, **PE**, **RV**, ***TW***

Grate Available · Reversible · Watertight · Gasket · Camlocks · Bolted · M306 AASHTO M306

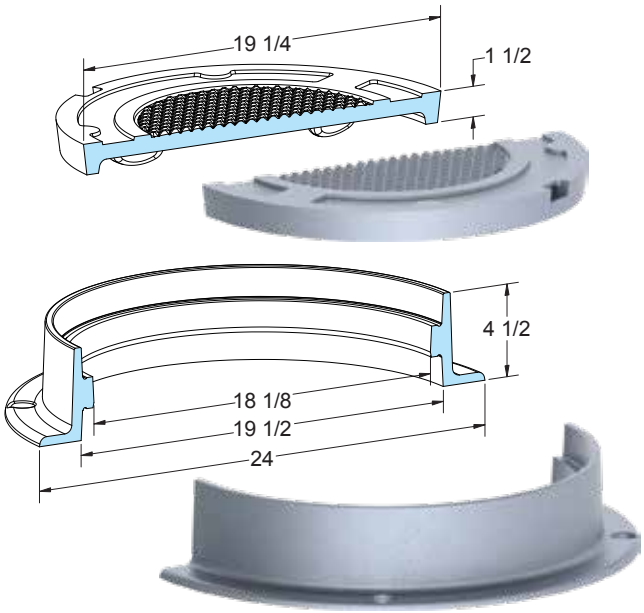
USF 112/1012 RING AND COVER SERIES



Cover Types: **DS**, **IJ**, **LK**, ***TX***, **UD**

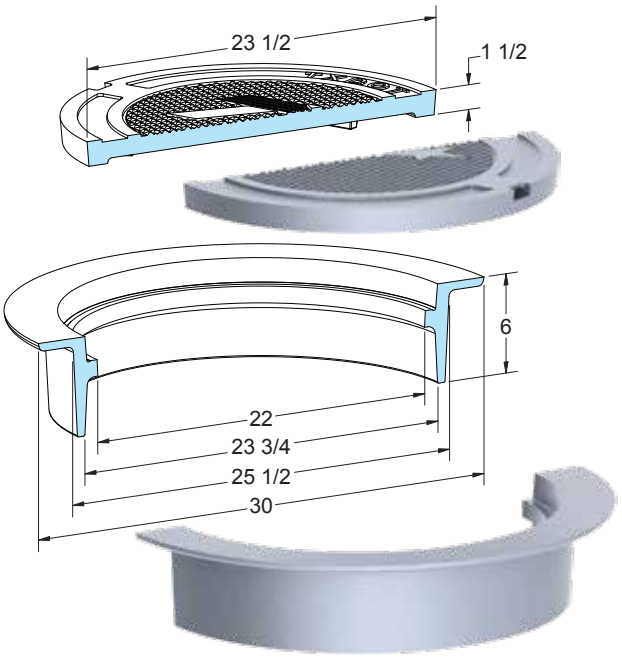
Grate Available | Reversible | Watertight | Gasket | Camlocks | Bolted | Heavy Duty

USF 174 RING AND TY COVER



Grate Available | Reversible | Watertight | Gasket | Bolted | AASHTO M306

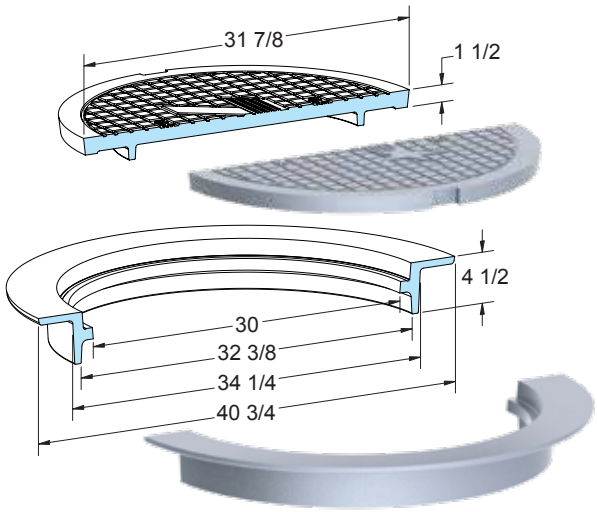
USF 1274 RING AND COVER SERIES



Cover Types: **DS**, **IJ**, **LK**, ***TX***, **UD**

Grate Available | Watertight | Gasket | Camlocks | Bolted | Heavy Duty

USF 1275 RING AND COVER SERIES

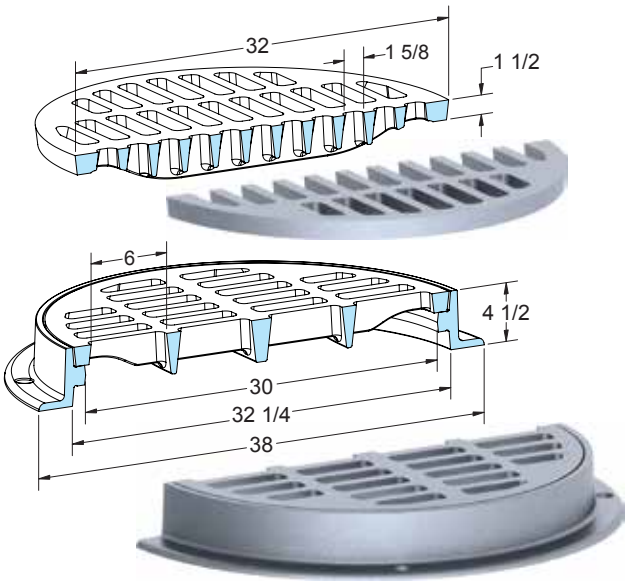


TEXAS DOT STANDARD

Cover Types: ***IK***, **IQ, IV, IX, IY, IZ, QV, SB, SC, SF, SH, VI**

Grate Available | Watertight | Gasket | Camlocks | Bolted | AASHTO M306

USF 111/1011 RING AND 5624 GRATE

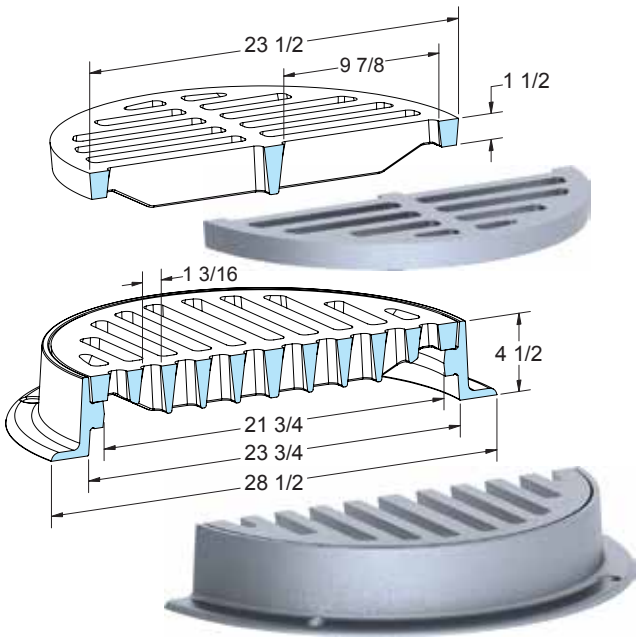


TEXAS DOT STANDARD

Grate: **5624**(FA=323in²)

Reversible Bolted AASHTO M306

USF 112/1012 RING AND 5619 GRATE

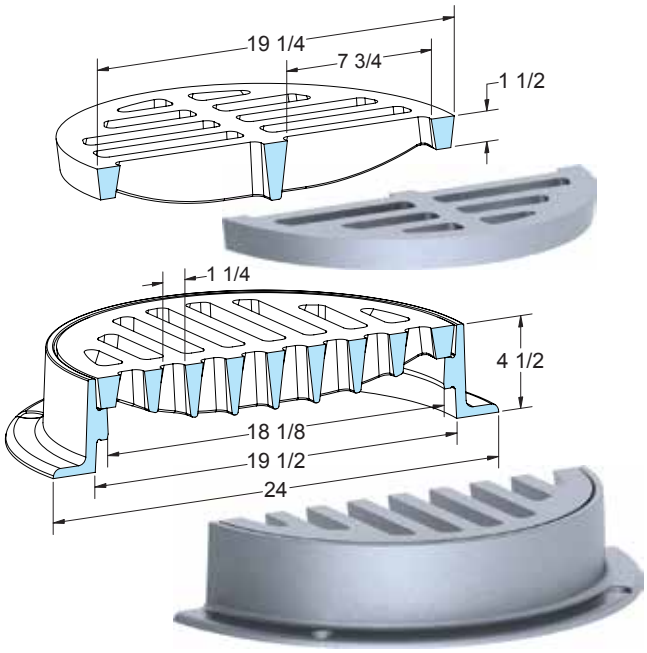


TEXAS DOT STANDARD

Grate: **5619**(FA=163in²)

Reversible Bolted AASHTO M306

USF 174/1074 RING AND 5621 GRATE

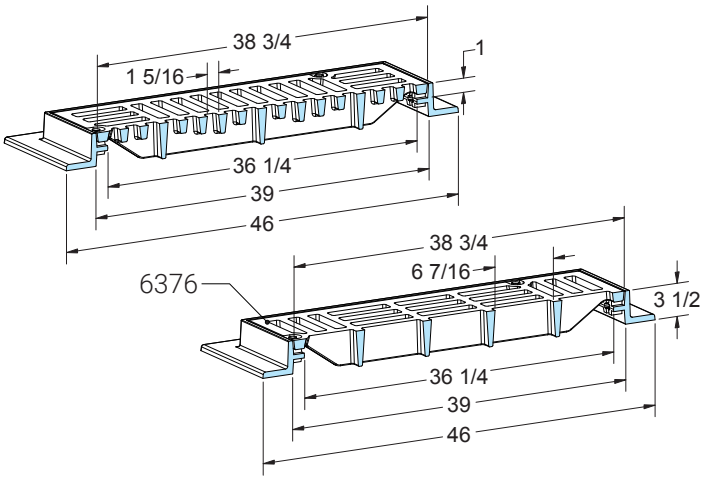


TEXAS DOT STANDARD

Grate: **5621**(FA=106in²)

Reversible Bolted AASHTO M306

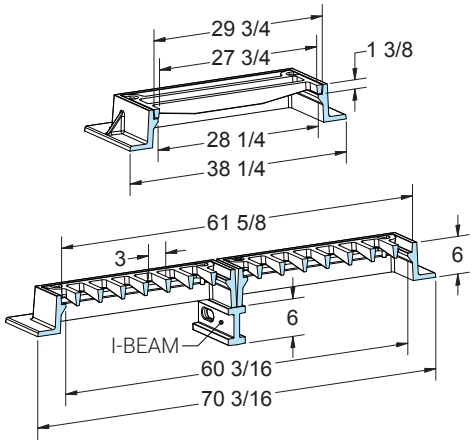
USF 4076 FRAME AND GRATE SERIES



Grates: ***6376***(FA=665in²), **6377**(FA=797in²)

Reversible Bolted AASHTO M306

USF 4107 FRAME AND 6356 GRATE AND I-BEAM

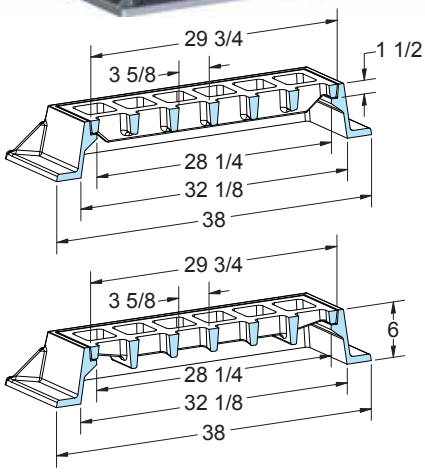


TEXAS DOT STANDARD

Grate: **6356**(65-45-12 Ductile Iron)(FA=498in²)

Bolted HD Heavy Duty

USF 4108 FRAME AND 6355 GRATE

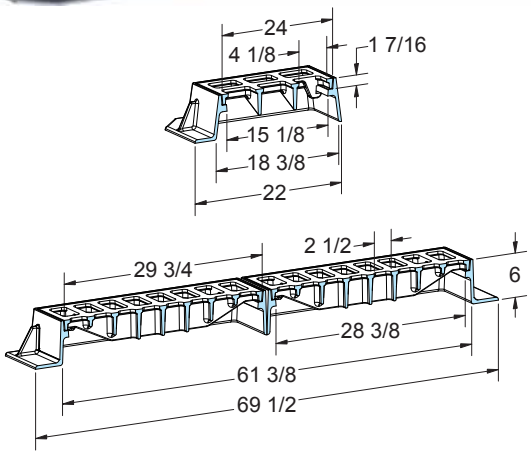


TEXAS DOT TYPE "A" STANDARD

Grate: **6355**(FA=465in²)

Bolted M306 AASHTO M306

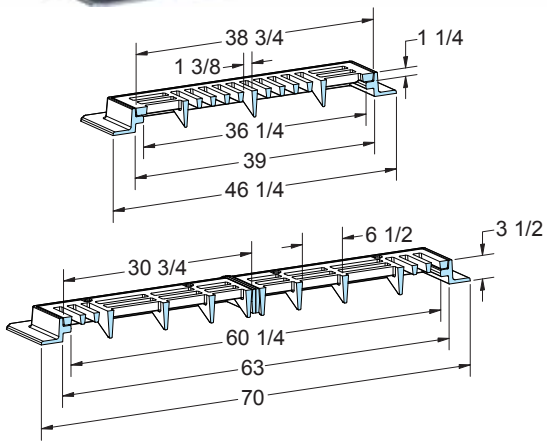
USF 4187 FRAME AND 6187 GRATE



Grate: **6187**(FA=459in²)

Camlocks Bolted HD Heavy Duty

USF 4272 FRAME AND 6272 GRATE

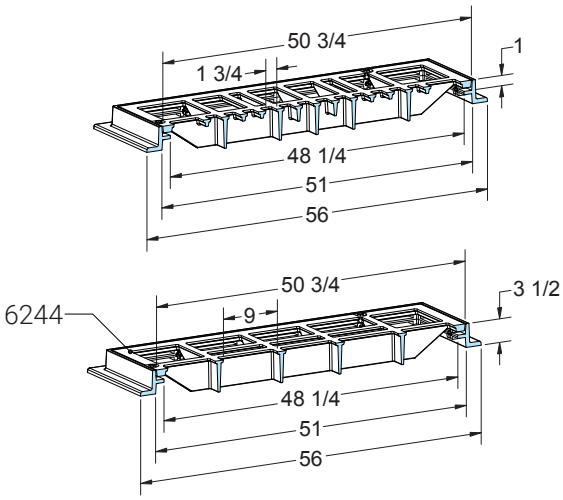


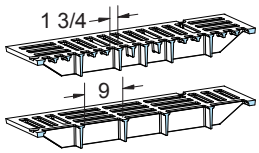
TEXAS DOT STANDARD

Grates: **6272**(FA=1136in²)

Bolted HD Heavy Duty

USF 4243 FRAME AND GRATE SERIES





TEXAS DOT STANDARD

Grates: **6243**(FA=1180in²)(Ductile Iron)
6244(FA=1404in²)(Ductile Iron)

Bolted HD Heavy Duty

CROSS REFERENCE

USF CATALOG No.	EJIW Cross Ref #
108 Built-up Ring	V-1419 Ring
109 Built-up Ring	V-1420 Ring
IQ C/Houston SA 4V	V-1418-2 Cover
IX C/Houston STSE Logo	V-1418-2 Cover
IV C/Baytown SASE Logo	V-1418-2 Cover
IV C/Baytown Storm Sewer	V-1418-2 Cover
IY C/Sugar Land SASE 4V	V-1418-2 Cover
IY C/Sugar Land STSE DNW	V-1418-2 Cover
IZ Texas City STSE 4V	V-1418-2 Cover
VI Missouri City STSE 4V	V-1418-2 Cover
110 Ring Built-up	EJ 1348 Ring
IT C/Corpus Christi ST	EJ 1348 Cover
1274 Slab Ring TX DOT	V-1814 Ring
IJ TX DOT Logo	V-1418 Cover
1275 Slab Ring TX DOT	V-1816 Ring
IK TX DOT Sewer	V-1420 Cover
41073 Fr TX DOT TypeAAD	V-4881-2 (3 sided Frame)
41076356 Frame & DI Grate (2 required)	V-4881-2 (3 sided Frame & Grate)
I-Beam CI For 4107-6356 (1 required)	V-4881 I Beam
4108 TX DOT Frame	V-4880 Frame
41086355 C/Houston Frame &Grate	V-4880 Frame & Grate
41086355 TX DOT Type A Frame &Grate	V-4880 Frame & Grate
6355 C/Houston Square Grate	V-4880 Grate
6355 Square Grate TX DOT	V-4880 Grate

TxDOT CROSS REFERENCE

(Hydraulic Design Values for Grates)

Product Style	Open Area (in²)	Perimeter(in)
3x3 Standard Grate	653	152.0
3x3 Extra Open Area Grate	792	152.0
4x4 Standard Grate	1180	200.0
4x4 Extra Open Area Grate	1404	200.0
3x5 Starndard Grate	1109	200.0
32" Grate Cover	331	100.53
24" Grate Cover	162	73.83
18" Grate Cover	105	60.47
Type PCU Standard Grate	450	92.75

TxDOT CROSS REFERENCE

TxDOT Product Style	USF Product Name
3x3 Standard Grate Assemlbly	4076 Frame & 6376 Grate
3x3 Standard Grate	6376 Grate
3x3 Extra Open Area Grate Assembly	4076 Frame & 6377 Grate
3x3 Extra Open Area Grate	6377 Grate
3x3 Frame	4076 Frame
4x4 Standard Grate Assembly	4243 Frame & 6243 Grate
4x4 Standard Grate	6243 Grate
4x4 Extra Open Area Grate Assembly	4243 Frame & 6244 Grate
4x4 Extra Open Area Grate	6244 Grate
4x4 Frame	4243 Frame
3x5 Standard Grate Assembly	4273 Frame & 6273 Grate
3x5 Standard Grate	6272 Grate
3x5 Frame	4272 Frame
32" Ring & Solid Cover Assembly	111 Ring & TW Cover
32" Solid Cover	TW Cover
32" Ring & Grate Cover Assembly	111 Ring & 5624 Grate
32" Grate Cover	5624 Grate
32" Ring	111 Ring
24" Ring & Solid Cover Assembly	112 Ring & TX Cover
24" Solid Cover	TX Cover
24" Ring & Grate Cover Assembly	112 Ring & 5619 Grate
24" Grate Cover	5619 Grate
24" Ring	112 Ring
18" Ring & Solid Cover Assembly	174 Ring & TY Cover
18" Solid Cover	TY Cover
18" Ring & Grate Cover Assembly	174 Ring & 5621 Grate
18" Grate Cover	5621 Grate
18" Ring	174 Ring
Type PCU Standard Grate Assembly	4187 Frame & 6187 Grate
Type PCU Standard Grate	6187 Grate
Type PCU Standard Frame	4187 Frame