



REGIONAL CATALOG: ILLINOIS INDIANA



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 Illinois and Indiana 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.

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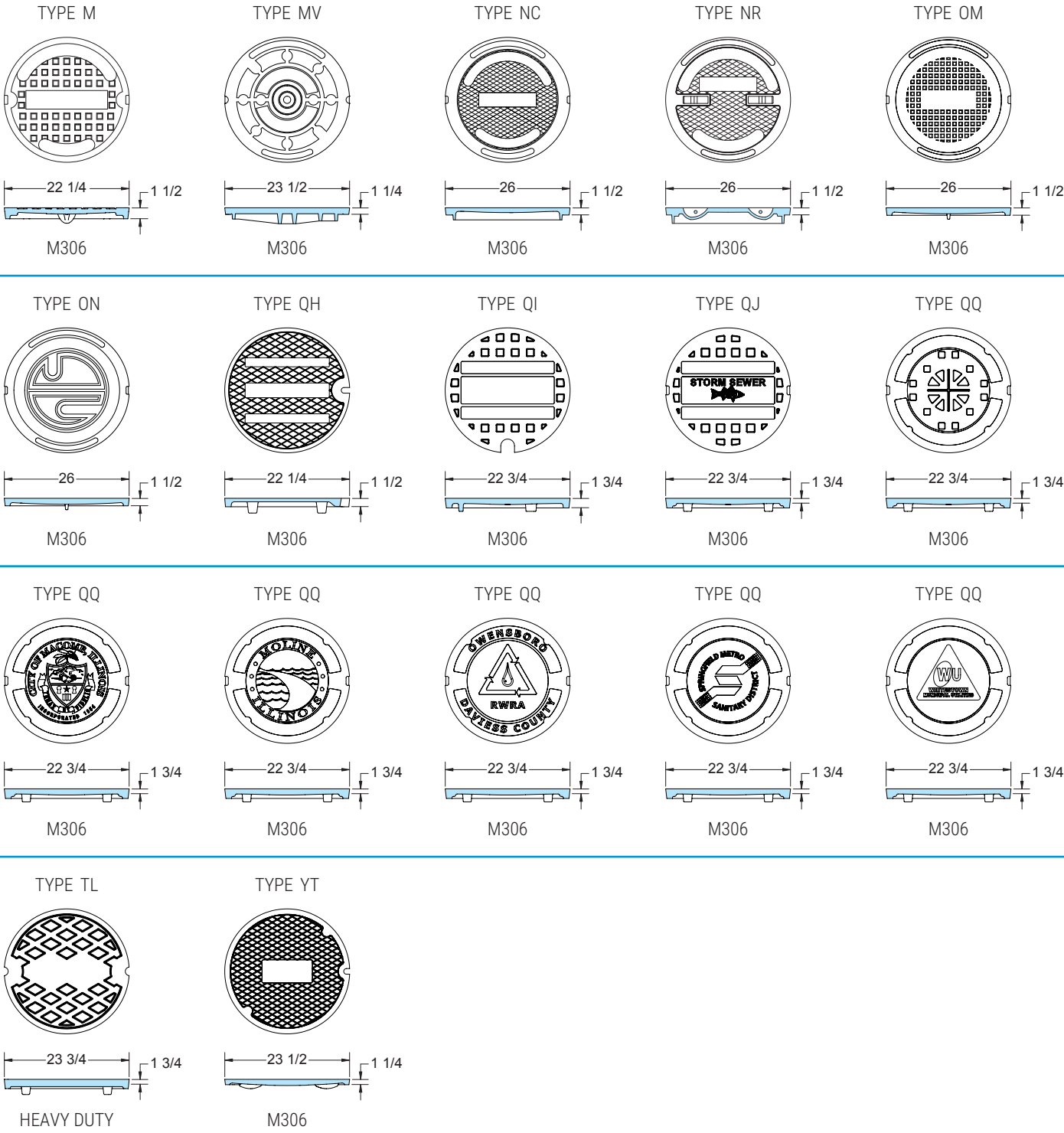


www.usfoundry.com

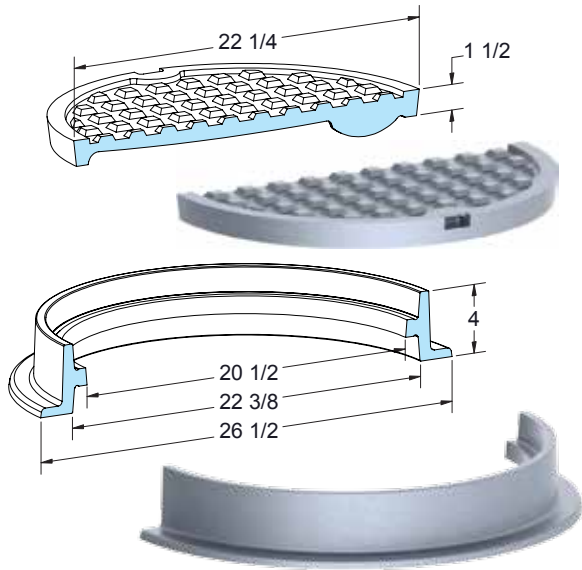
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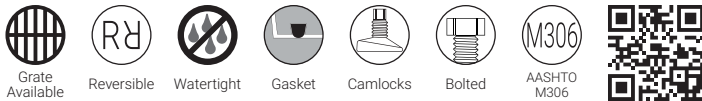
MANHOLE COVER TYPES



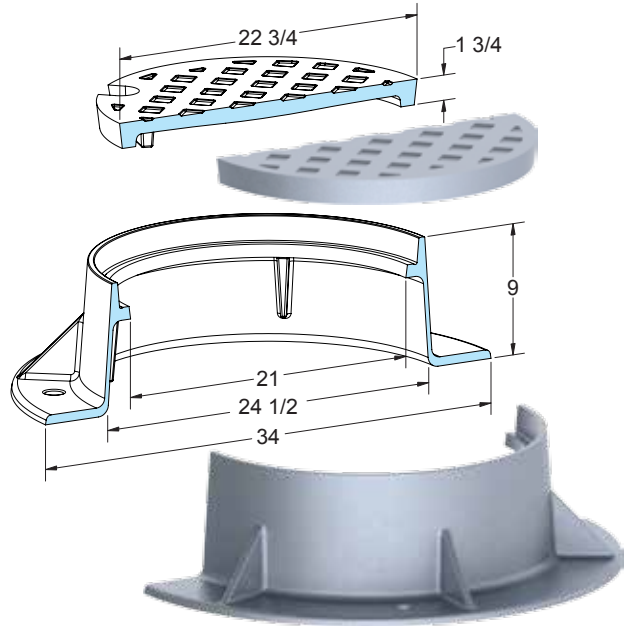
USF 159/1059 RING AND M COVER



Cover Types: **M**, QH

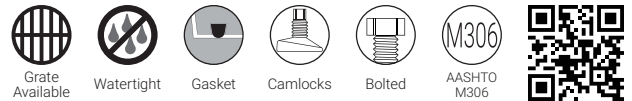


USF 192 RING AND COVER SERIES

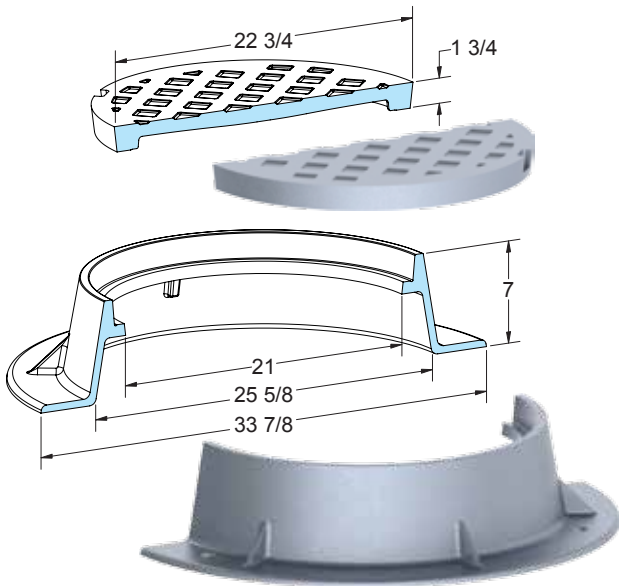


ILLINOIS DOT TYPE 1

Cover Types: **QI**, QJ, QQ

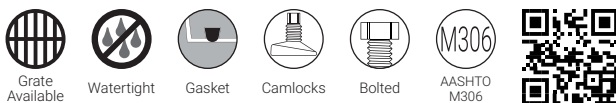


USF 193 RING AND COVER SERIES

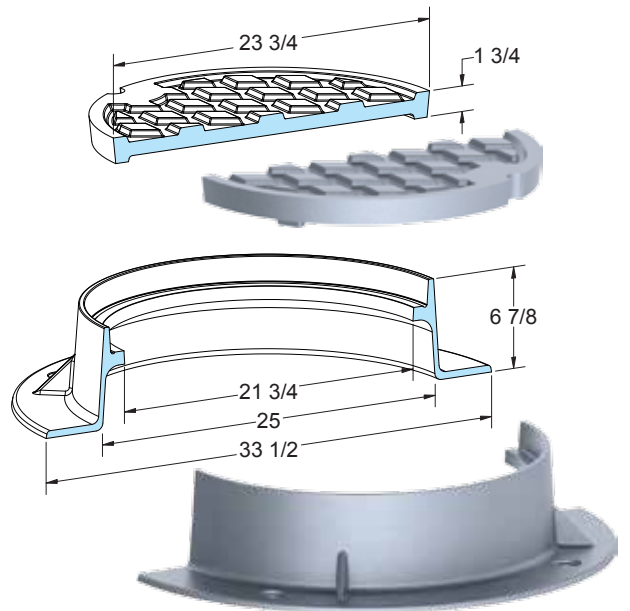


INDIANA STANDARD

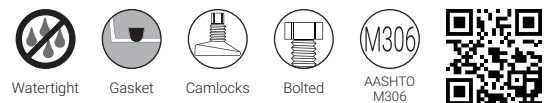
Cover Types: **QI**, **QJ**, QQ



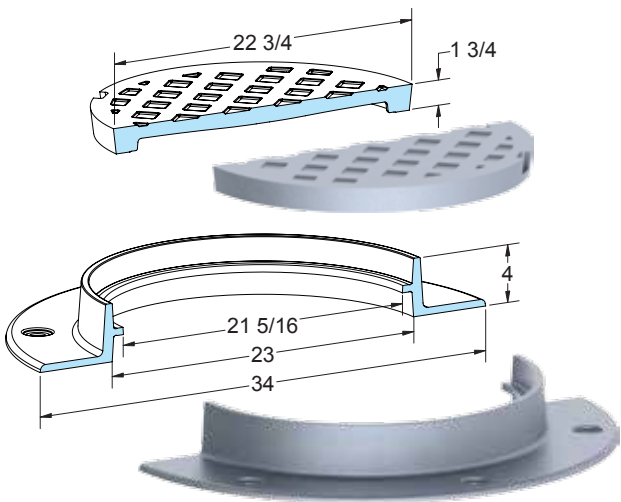
USF 206 RING AND TL COVER



INDIANA DOT TYPE 4



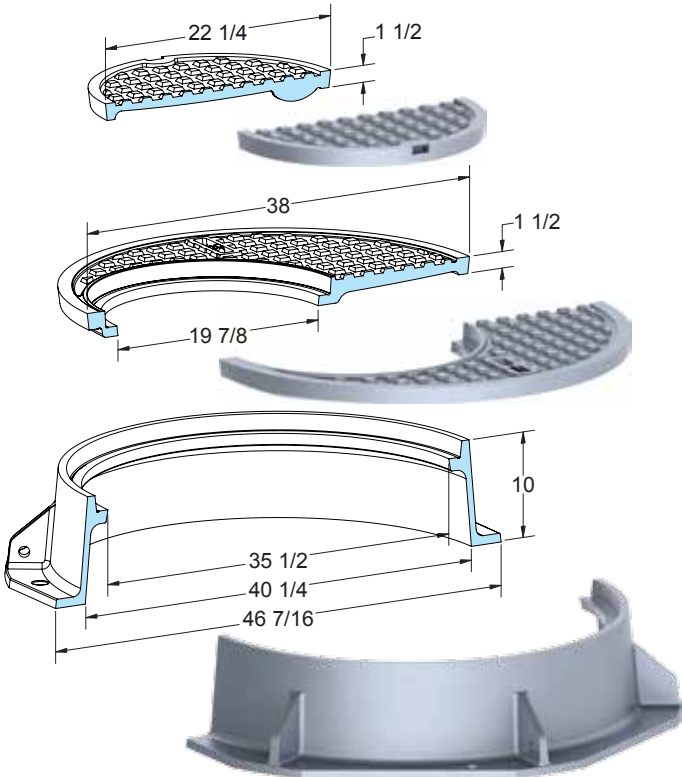
USF 234 RING AND COVER SERIES



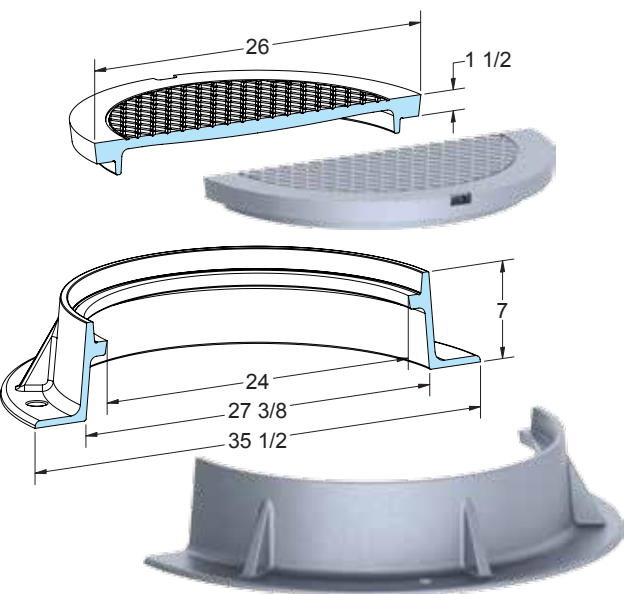
Cover Types: **QI**, **QJ**, **QQ**



USF 679 RING, QN AND M COVERS



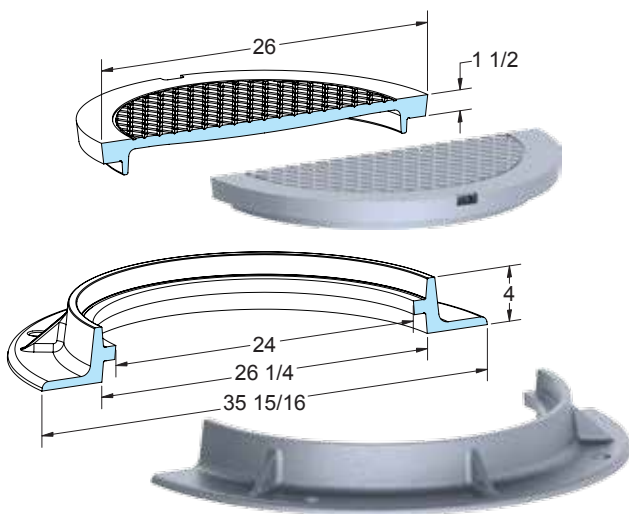
USF 755 RING AND COVER SERIES



Cover Types: **NC**, **NR**, **OM**, **ON**



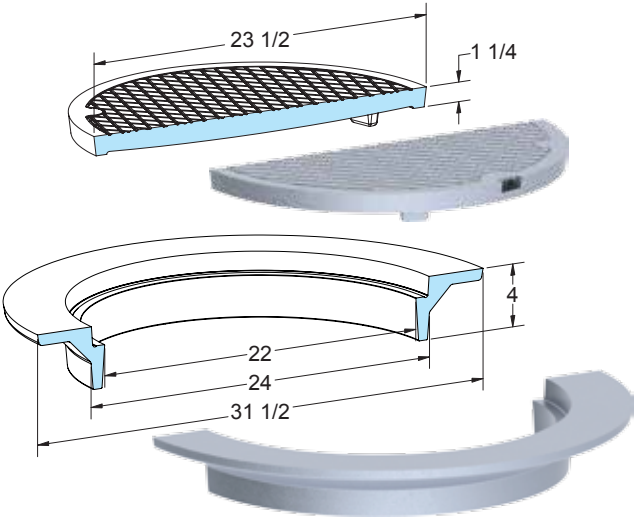
USF 763/1763 RING AND COVER SERIES



Cover Types: **NC**, **NR**, **OM**, **ON**



USF 1014 RING AND COVER SERIES



INDIANA DOT HANDHOLE

Cover Types: **MV**, **YT**



Watertight



Gasket



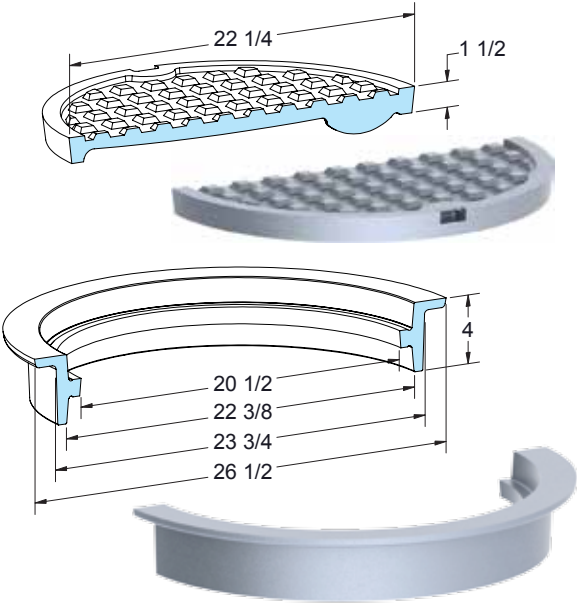
Bolted



AASHTO
M306



USF 1059/159 RING AND COVER SERIES



Cover Types: **M**, **QH**



Grate
Available



Reversible



Watertight



Gasket



Camlocks



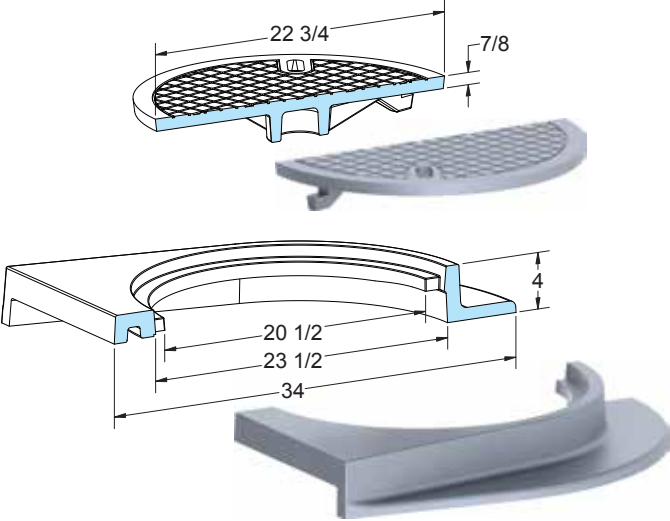
Bolted



AASHTO
M306



USF 5137 FRAME AND RI COVER



ILLINOIS DOT TYPE 15



Bolted



AASHTO
M306



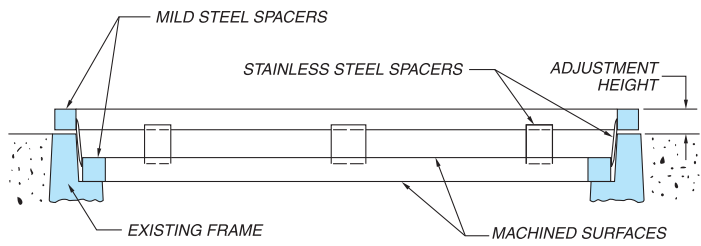
USF MANHOLE ADJUSTING RINGS

USF ADJUSTING RINGS ALLOW FAST, EASY AND EFFICIENT INSTALLATION. THERE ARE NO MANUAL ADJUSTMENTS OR WELDING REQUIRED AT INSTALLATION. USF ONE-PIECE CONSTRUCTION GIVES YOU THE STRENGTH AND DURABILITY TO PROVIDE YEARS OF DEPENDABLE SERVICE.

TYPE A: STEEL ADJUSTING RINGS

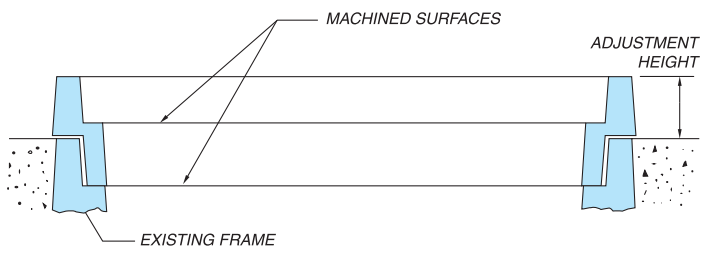
The versatile "Type A" Adjusting Ring is fabricated from steel and is used for any adjustment height desired, for any type and size ring and cover, or when quantities desired do not justify the cost of a pattern for a cast iron "Type B" Adjusting Ring. All bearing surfaces are machined to insure proper fit and prevent covers from rattling.

ALL ADJUSTING RINGS ARE MADE IN ONE CONTINUOUS PIECE TO MINIMIZE INFILTRATION OF WATER.



TYPE B: CAST IRON ADJUSTING RINGS

The "Type B" Adjusting Ring is made from cast iron and is used when the adjustment height is 1" thicker than the cover seat. This adjusting ring is restricted to specific adjustment heights and is limited to certain standard size rings and covers. Please contact our Customer Service Dept. for a recommendation on your particular application. All bearing surfaces are machined to insure proper fit and prevent covers from rattling.

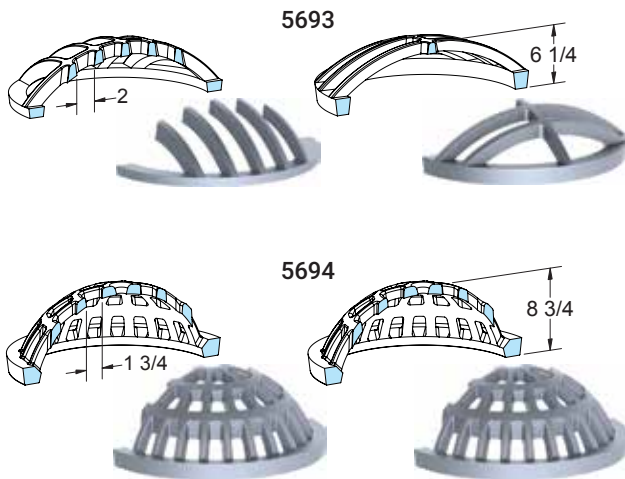
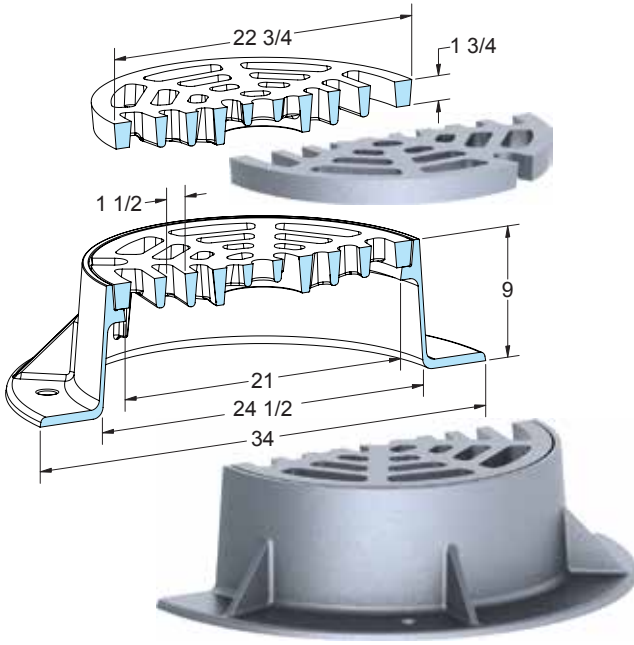


STANDARD ADJUSTING RINGS

USF NO.	COVER DIAMETER	COVER THICKNESS	HEIGHT ADJUSTMENT	FITS WITH USF RING NO.
* 1" ADJRING	22 3/4	1 3/4	1	192, 193
* 1 1/2" ADJRING	22 3/4	1 3/4	1 1/2	
2305	22 3/4	1 3/4	2	
2306	22 3/4	1 3/4	2 1/2	
2307	22 3/4	1 3/4	3	

*TYPE 'A' STEEL ADJUSTING RING

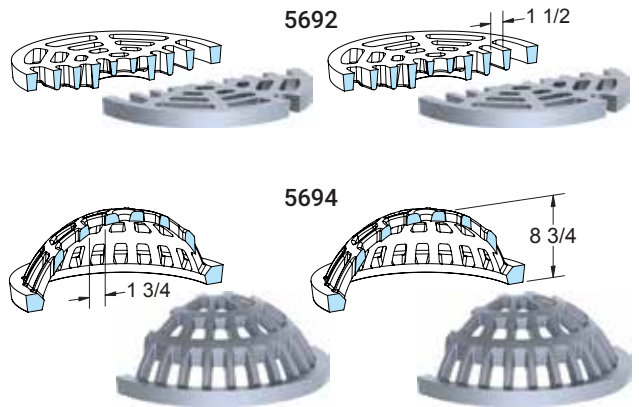
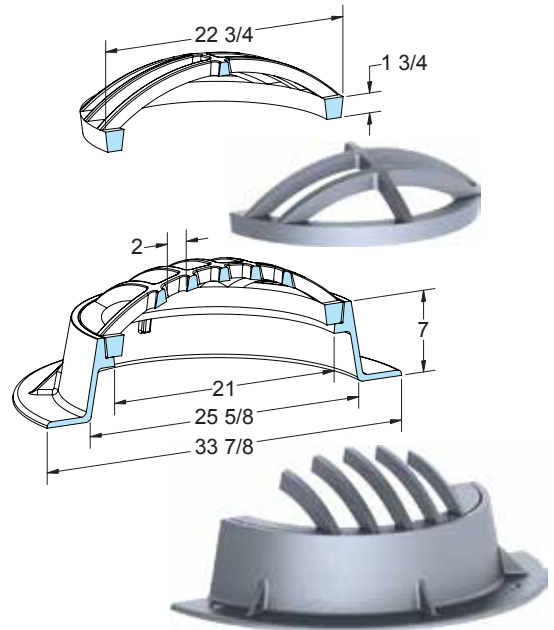
USF 192 RING AND GRATE SERIES



Grates: **5692**(FA=144in²)(Heavy Duty)
5693(FA=211in²), **5694**(FA=149in²)



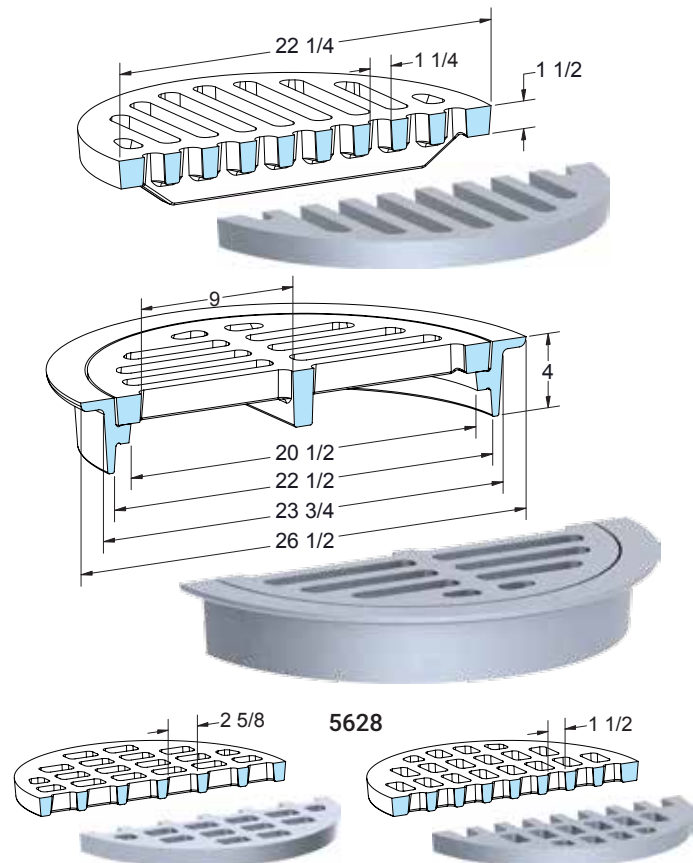
USF 193 RING AND GRATE SERIES



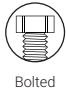
Grates: **5692**(FA=144in²)(Heavy Duty)
5693(FA=211in²), **5694**(FA=149in²)



USF 1110/105 RING AND GRATE SERIES



Grates: **5628**(FA=128in²), **5630**(FA=150in²)

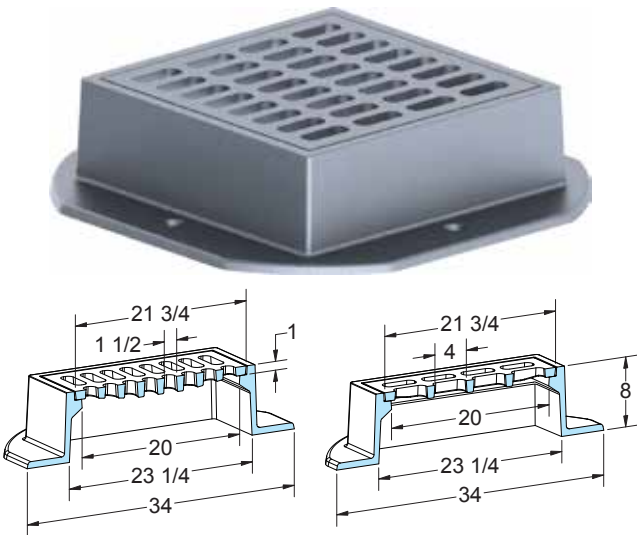


Reversible

Bolted

Heavy Duty

USF 4008 FRAME AND 6008 GRATE



INDIANA DOT TYPE 2

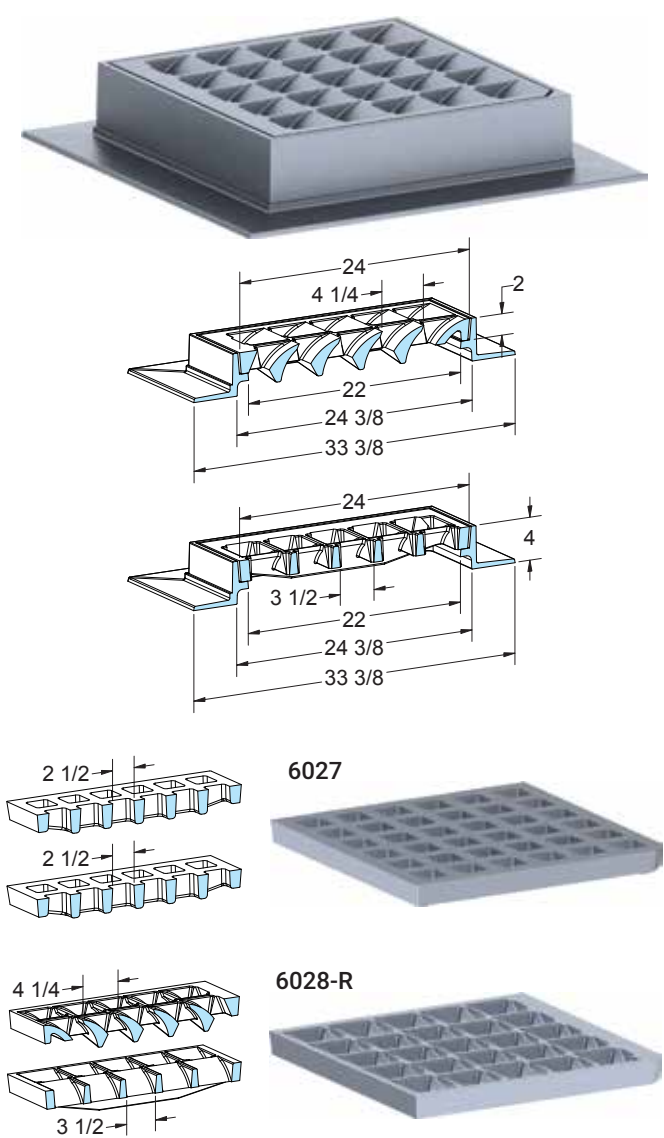
Grate: **6008**(FA=180in²)



Bolted

AASHTO M306

USF 4114 FRAME AND GRATE SERIES



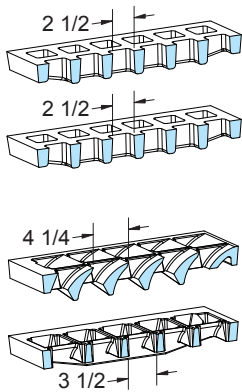
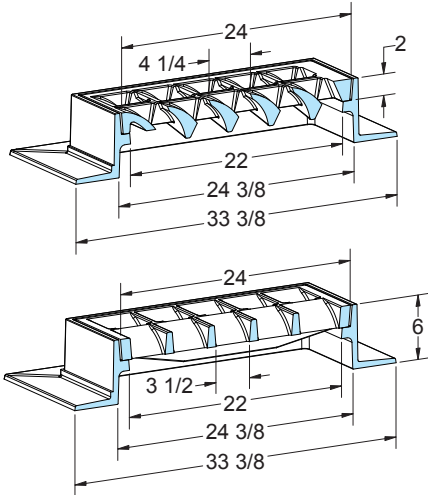
Grates: **6027**(FA=223in²), **6028-R**(FA=160in²)
6028-L(FA=160in²)



Bolted

Heavy Duty

USF 4116 FRAME AND GRATE SERIES



6027



6028-L



Grates: **6027** (FA=223in²), **6028-R** (FA=160in²)
6028-L (FA=160in²)



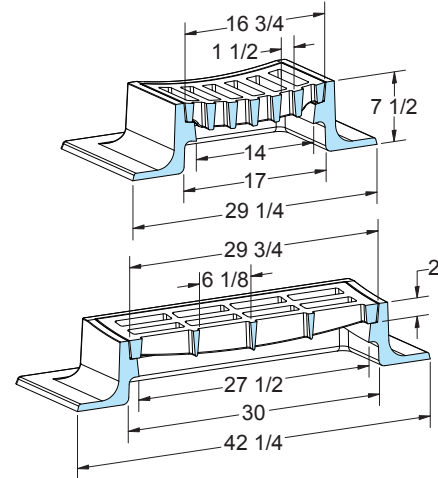
Bolted



Heavy Duty



USF 4144 FRAME AND 6364 GRATE

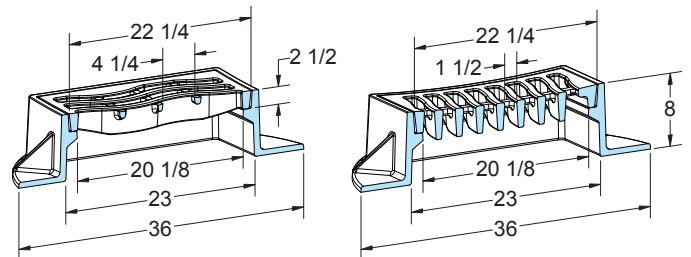
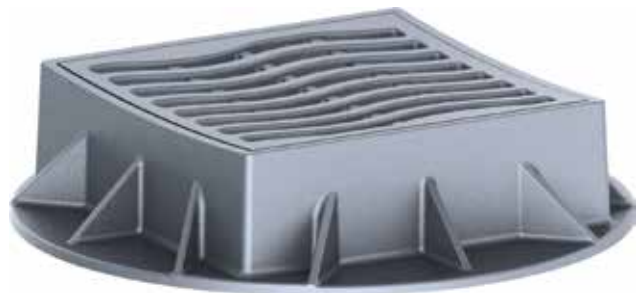


INDIANA DOT TYPE 13

Grate: **6364** (FA=220in²)



USF 4186 FRAME AND 6186 GRATE



Grate: **6186** (FA=225in²)



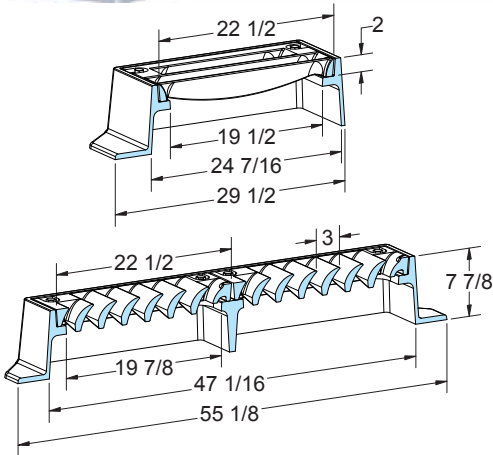
Bolted



Heavy Duty



USF 4628 FRAME AND 6132 GRATE

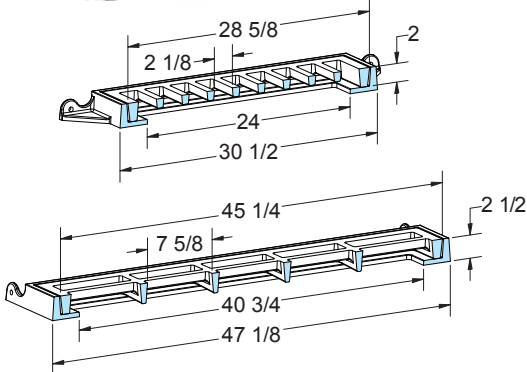


INDIANA DOT TYPE 5

Grates: **6132**(FA=374in²)



USF 4672 FRAME AND 6262 GRATE

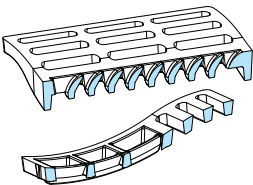
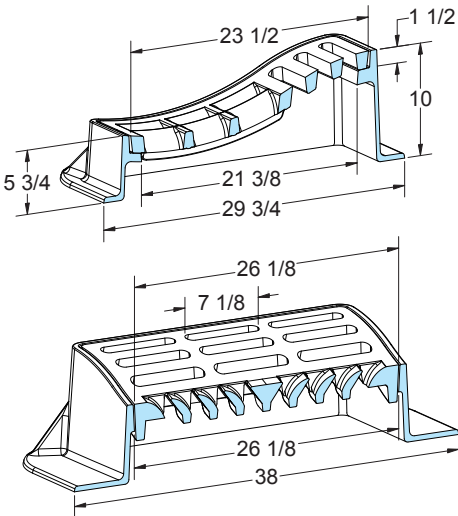


INDIANA DOT TYPE 12

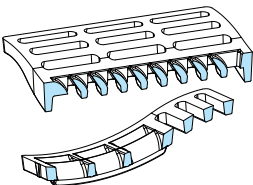
Grates: **6262**(FA=748in²)



USF 5254 FRAME AND GRATE SERIES



6233-L



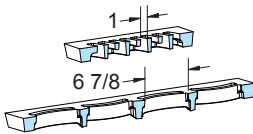
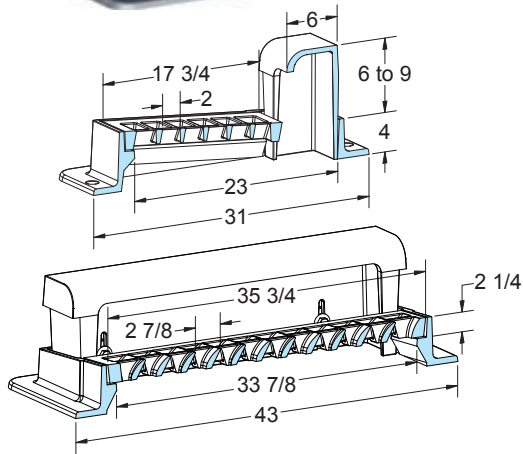
6233-R



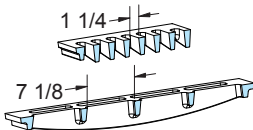
Grates: **6233-L**(FA=224in²), **6233-R**(FA=224in²)
6362(FA=215in²)(BiDirectional)



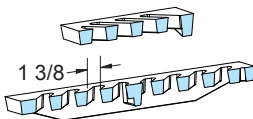
USF 5130 CURB & GUTTER INLET FRAME, HOOD AND GRATE SERIES



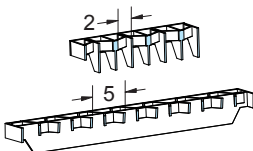
6000



6168



6431



6619



Grates: **6000**(FA=195in²), **6016**(FA=230in²), **6168**(FA=240in²)
6431(FA=190in²), **6619**(Steel)(FA=485in²)



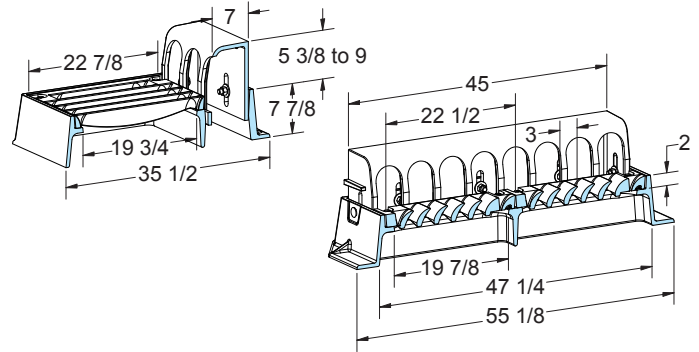
Bolted



Heavy
Duty



USF 5235 CURB AND GUTTER INLET FRAME, HOOD AND 6132 GRATE



INDIANA DOT TYPE 15

Grate: **6132**(FA=320in²)



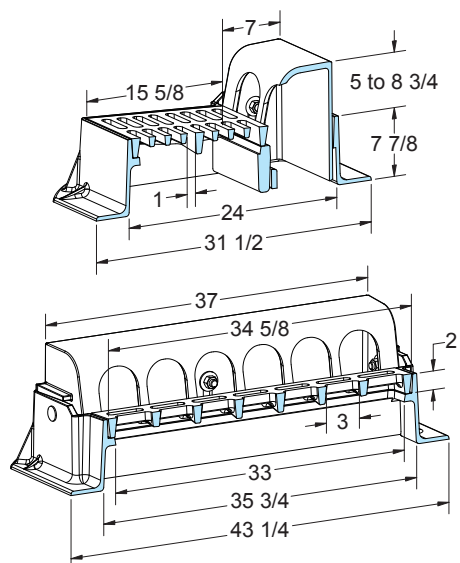
Bolted



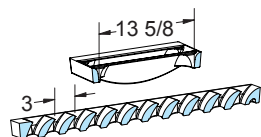
Heavy
Duty



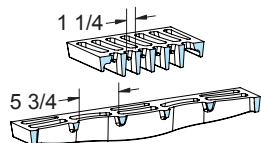
USF 5239 CURB AND GUTTER INLET FRAME, HOOD AND GRATE SERIES



INDIANA DOT TYPE 10



6139



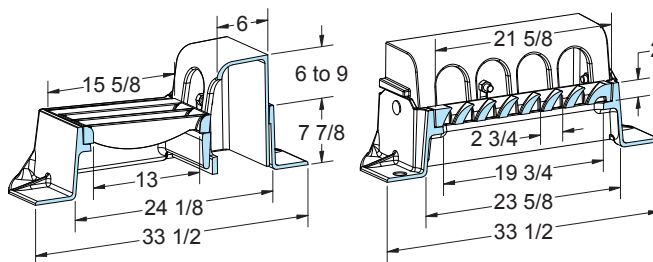
6361



Grates: **6139**(FA=195in²), **6361**(FA=237in²), **6369**(FA=208in²)



USF 5249 CURB & GUTTER FRAME, HOOD AND 6029 GRATE

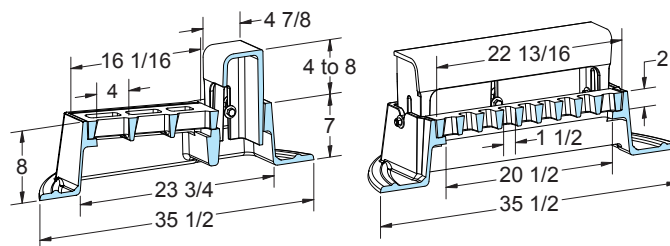


ILLINOIS DOT TYPE 8

Grates: **6029**(FA=115in²)



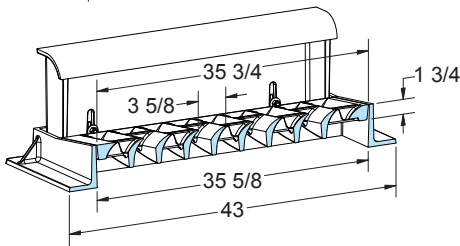
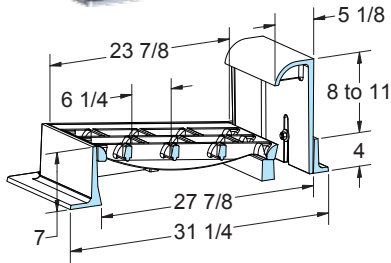
USF 5252 CURB & GUTTER INLET FRAME, HOOD AND 6367 GRATE



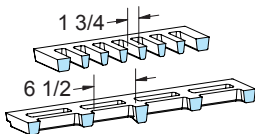
Grates: **6367**(FA=145in²)



USF 5291 CURB & GUTTER INLET FRAME, HOOD AND GRATE SERIES



ILLINOIS DOT TYPE "C"



6036



Grates: **6035**(FA=332in²), **6036**(FA=315in²)



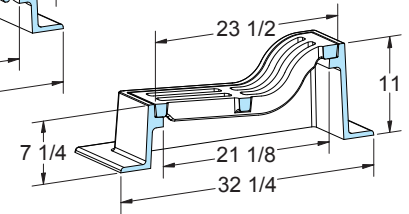
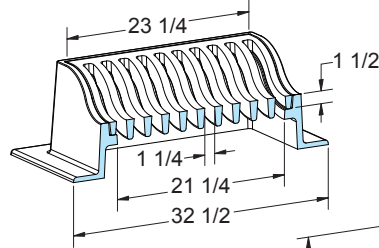
Bolted



Heavy Duty



USF 5385 FRAME AND 6285 GRATE



Grate: **6285**(FA=252in²)



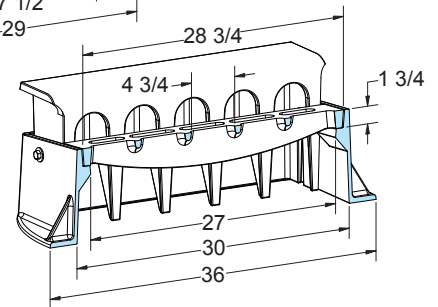
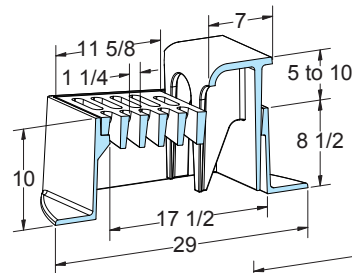
Bolted



Heavy Duty



USF 5451 CURB & GUTTER FRAME, HOOD AND 6363 GRATE



ILLINOIS DOT TYPE 11

Grate: **6363**(FA=132in²)



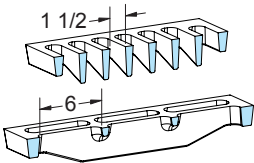
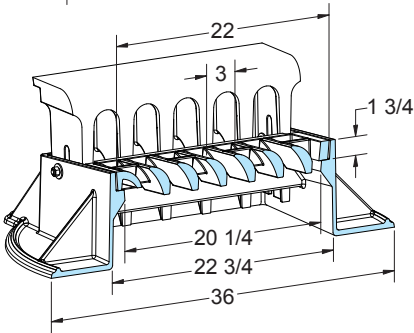
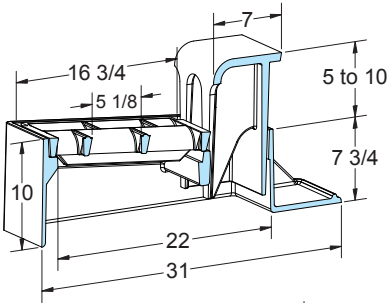
Bolted



Heavy Duty



USF 5454 CURB & GUTTER INLET FRAME,
HOOD AND GRATE SERIES



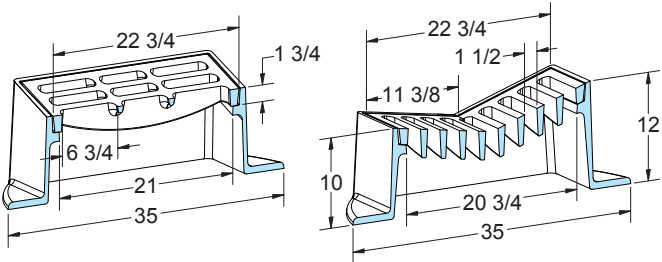
6366



Grates: **6365**(FA=118in²), **6366**(FA=180in²)



USF 5460 FRAME AND 6360 GRATE

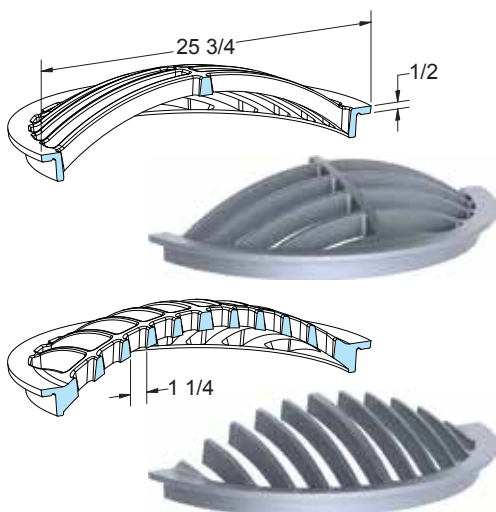


ILLINOIS DOT TYPE 9

Grate: **6360**(FA=255in²)

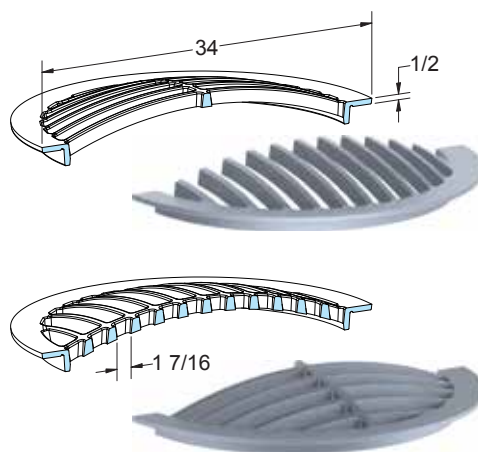


USF 5632 GRATE



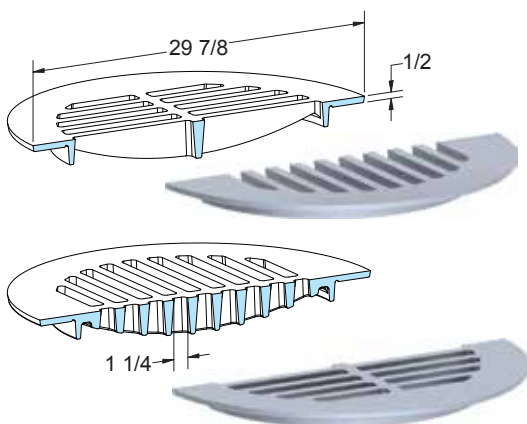
Grate: **5632** (FA=245in²) (Heavy Duty)

USF 5633 GRATE



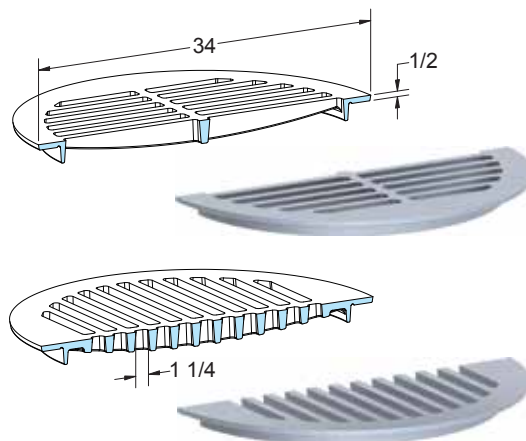
Grate: **5633** (FA=364in²) (Heavy Duty)

USF 5652 GRATE



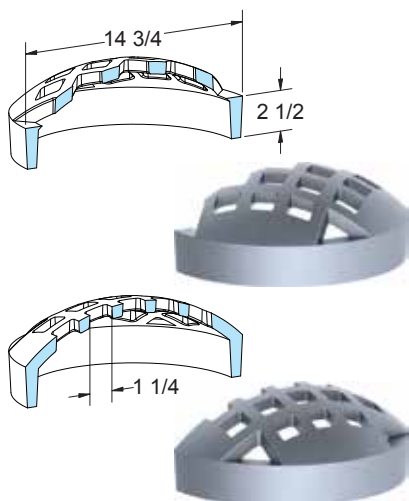
Grate: **5652** (FA=200in²) (Heavy Duty)

USF 5653 GRATE



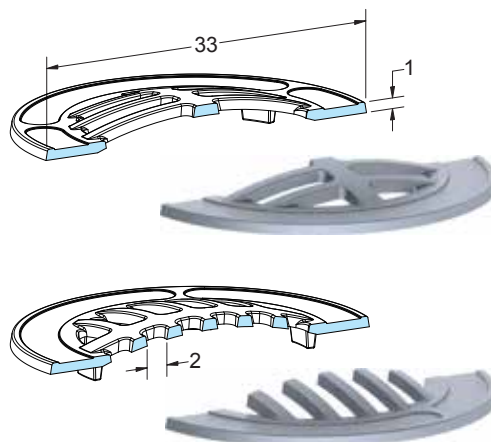
Grate: **5653** (FA=325in²) (Heavy Duty)

USF 5690 GRATE



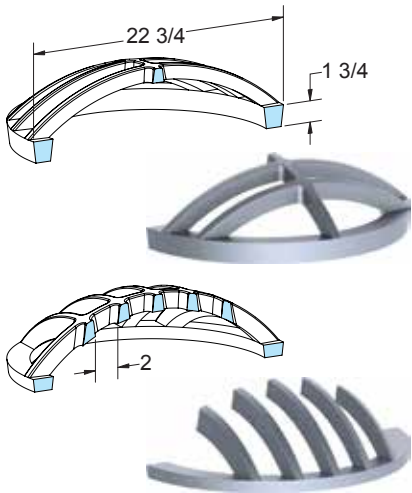
Grate: **5690** (FA=60in²) (Heavy Duty)

USF 5691 GRATE



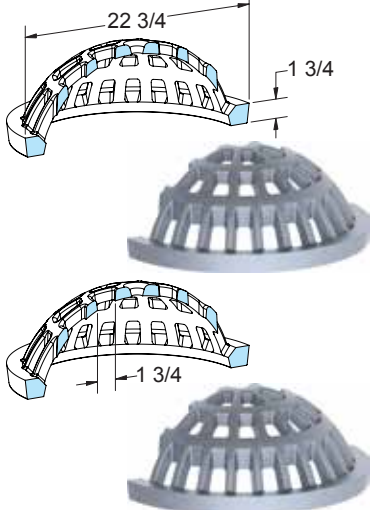
Grate: **5691** (FA=175in²) (Light Duty)

USF 5693 GRATE



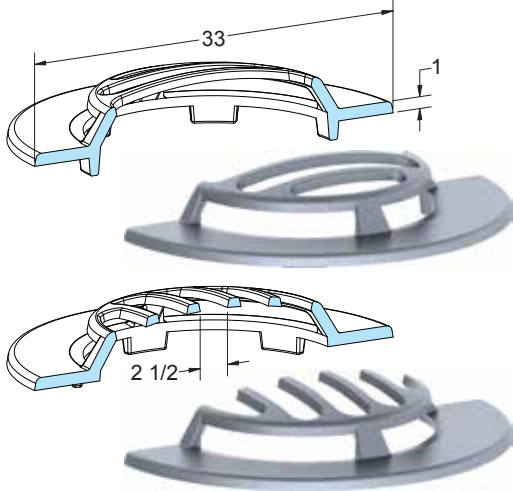
Grate: **5693**(FA=211in²)(Light Duty)

USF 5694 GRATE



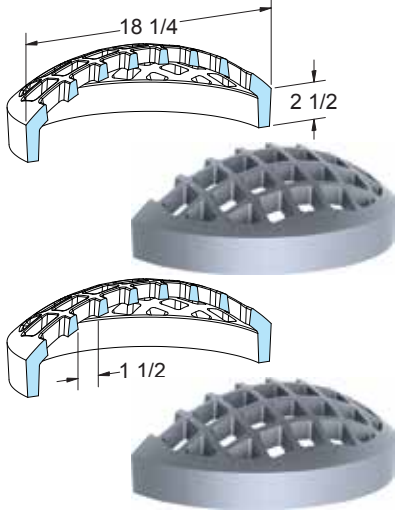
Grate: **5694**(FA=150in²)(Light Duty)

USF 5695 GRATE



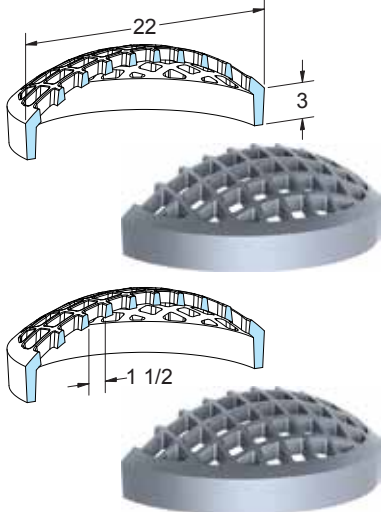
Grate: **5695**(FA=294in²)(Light Duty)

USF 5696 GRATE



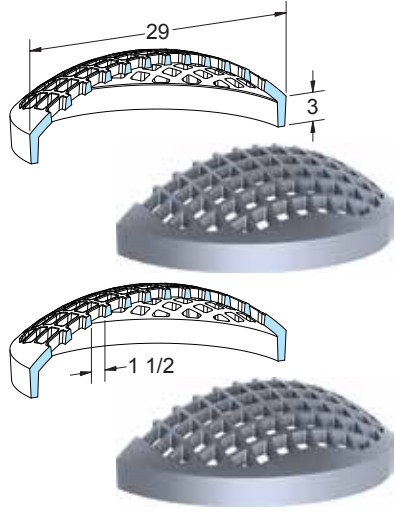
Grate: **5696**(FA=100in²)(Heavy Duty)

USF 5697 GRATE



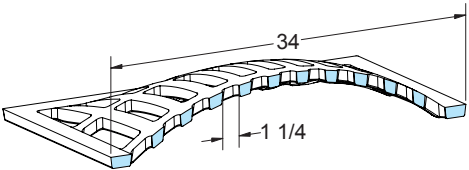
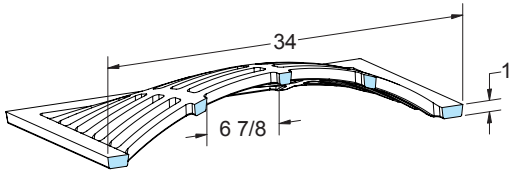
Grate: **5697**(FA=145in²)(Heavy Duty)

USF 5698 GRATE



Grate: **5698**(FA=255in²)(Heavy Duty)

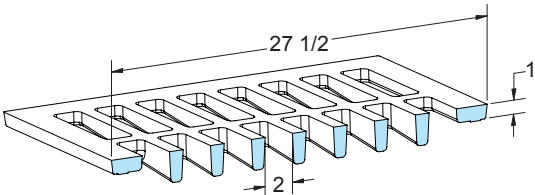
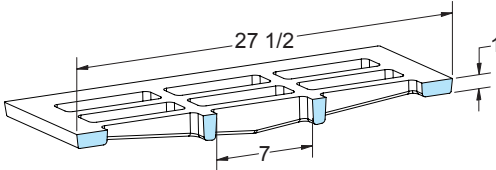
USF 6006 GRATE



INDIANA DOT TYPE 7

Grate: **6006**(FA=510in²)(Heavy Duty)

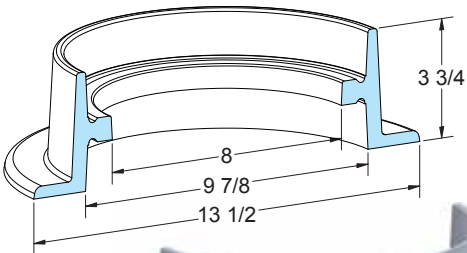
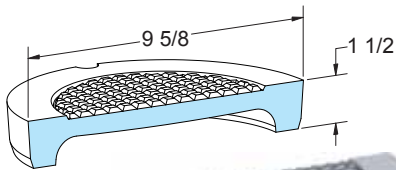
USF 6368 GRATE



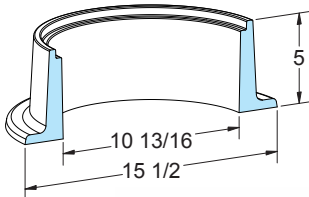
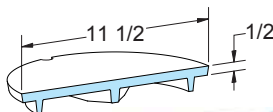
INDIANA STANDARD

Grate: **6368**(FA=335in²)(Heavy Duty)

USF 7621 HANDHOLE RING AND FE COVER



USF 7637 VALVE BOX RING AND VA COVER



Reversible



Heavy Duty



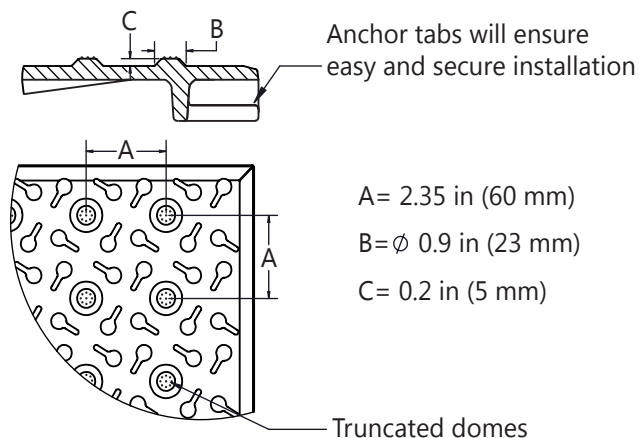
Bolted



Heavy Duty



USF DETECTABLE WARNING PLATES

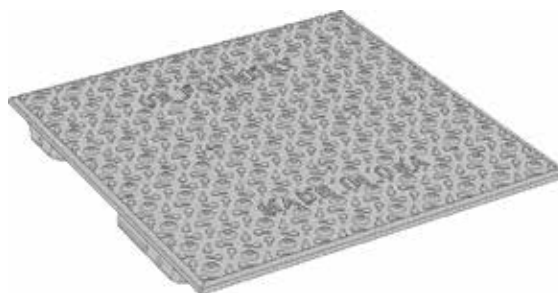
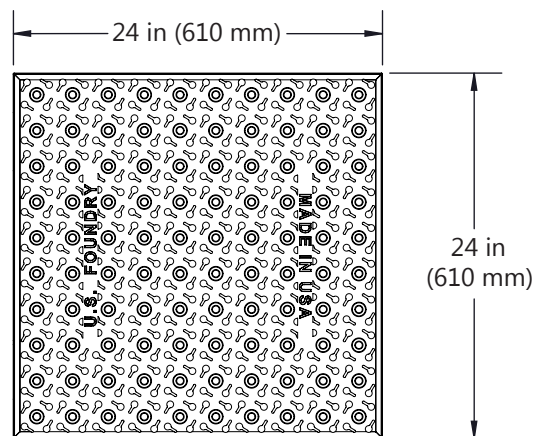
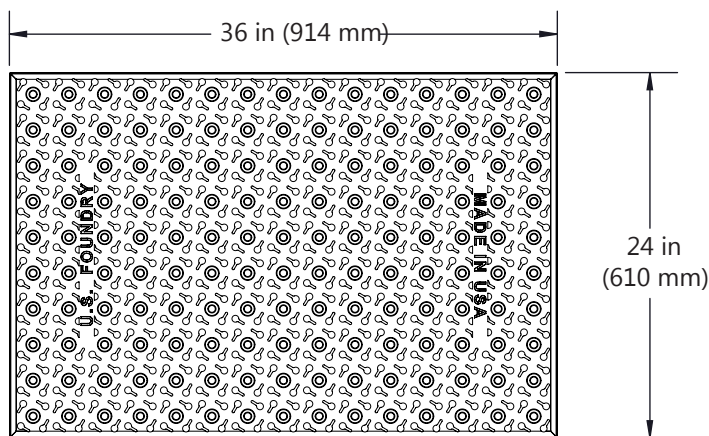


Installation Instructions:

- * Bolt multiple plates together, if required.
- * Set plates in position in pre-poured wet concrete.
- * Press plates into wet concrete so top of plate is flush.
- * Finish concrete around plates.
- * Remove any wet concrete from plate surface

US Foundry's Detectable Warning Plates Feature:

- Outstanding performance provided by the strength and durability of cast iron as compared to composite or plastic alternatives; elimination of problems like cuts, cracks, peeling, delaminating and wearing.
- Cast iron's resilient properties will guarantee many years of service life, and will withstand snow-plow abuse.
- Designed for ease of installation in concrete with integrated anchor tabs.
- Appealing aesthetics in a functional warning plate; castings have an integral non-slip texture on and between the truncated dome shapes.
- Compliance with the requirements of Americans with Disabilities Act Accessibility Guidelines (ADAAG) for Accessible Public Rights-of-Way, Section R304.



ILLINOIS DOT CROSS REFERENCE

Reference / Description	USF Item Number	Weight
5900-E Ring & Cover	1059-QH	160
IDOT Type 1 Ring & Cover 7"	193-QI	252
IDOT Type 1 Ring & Cover 7" w/2 NPPH	193-QJ	252
IDOT Type 1 Ring & Cover 9"	192-QI	278
IDOT Type 1 Ring & Cover 9" w/2 NPPH	192-QJ	278
IDOT Type 1 Ring & Grate 7"	193-5692	254
IDOT Type 1 Ring & Grate 9"	192-5692	280
IDOT Type 11 Frame,Grate & Hood	5451-6363 Fr,Gr&Hd IL DOT	423
IDOT Type 15 Frame & Cover	5137-RI	322
IDOT Type 3 Frame,Grate & Hood	5454-6366 Fr,Hd & Gr IDOT	434
IDOT Type 3V Frame,Grate & Hood	5454-6365 Fr,Hd & Gr IDOT	434
IDOT Type 8 Grate	5691 Beehive SIP Grate DN	178
IDOT Type 9 Frame & Roll Grate	5460-6360 Fr&Gr	386
R-3246-A Type C Frame, Hood & Parallel Grate	5291-6036	540
R-3246-AL Frame, Hood & Vane Grate	5291-6035	409

INDIANA DOT CROSS REFERENCE

Reference / Description	USF Item Number
INDOT HANDHOLE	1014-MV
INDOT Type 2	4008-6008
INDOT Type 4	206-TL
INDOT Type 5	4628-6132
INDOT Type 7	6006
INDOT Type 10	5239-6139
INDOT Type 12	4672-6262
INDOT Type 13	4144-6364
INDOT Type 15	5235-6132

INDIANA CROSS REFERENCE

Neenah Item Number / Description	USF Item Number	Weight
24" sq. Detectable Warning Plate	DWP-24X24	68
24X36" sq. Detectable Warning Plate	DWP-24X36	98
City of Indianapolis Logo Ring & Cover	193-QQ	254
City of Whitestown Logo Ring & Cover	193-QQ	254
EJ 7495-M4 Roll Back Frame & Bi-Directional Grate	5254-6362	345
EJ-6121 DNW 24" Flat Pipe Grate	5652	131
EJ-6121 DNW 30" Flat Pipe Grate	5653	150
EJ-6121N 24" B-Hive Pipe Grate	5632	82
EJ-6121N 30" B-Hive Pipe Grate	5633	132
EJ-7505 M1 Frame, Hood & Bar Grate	5239-6369	368
R-1642 Low Profile Reversible Ring & Cover	763-NC	295
R-1642 Ring & Cover	755-NC	315
R-1642 Ring & Cover Bolted Water Tight	755-NC BWT	315
R-1647 (1690) (2560) Ring Low Profile & Cover	234-QJ	191
R-1713 1" Adj. Ring	1" Adj Ring	31
R-1713 1-1/2" Adj. Ring	1-1/2" Adj Ring	38
R-1713 2" Adj. Ring	2305	45
R-1713 2-1/2" Adj. Ring	2306	84
R-1713 3" Adj. Ring	2307	102
R-1714 Ring & Cover	206-TL	268
R-1741-D Ring & Double cover w- access offset	679-QN-M	750
R-1772 (7") Ring & Cover	193-QJ	261
R-1772 (7") Self Sealing Ring & Cover	193-QJ w/ "T" Gasket	261
R-1772 (9") Ring & Cover	192-QJ	287
R-1976 Clean Out Ring & Cover	7637-VA	56
R-2502 Ring & Round Grate	193-5692	254
R-2560 Ring & B-Hive Grate	193-5694	268
R-3010 Frame, Grate & Hood	5252-6367	401
R-3036 Frame & Sinsodial Grate	4186-6186	430
R-3067 Frame, Grate & Hood	5130-6431	515
R-3067 Frame, Vane Grate & Hood	5130-6016	475
R-3246-A Type C Frame, Hood & Parallel Grate	5291-6036	540

(Part 1 of 2)

INDIANA CROSS REFERENCE

Neenah Item Number / Description	USF Item Number	Weight
R-3246-AL Frame, Hood & Vane Grate	5291-6035	409
R-3286-8V Frame, Grate & Hood	5249-6029	354
R-3287-10 Frame, Grate & Hood	5239-6139	496
R-3287-15 Frame, Grate & Hood Bolted	5235-6132 BLTD	900
R-3287-5 Frame & Bolted Vane Grate Bolted	4628-6132 BLTD	474
R-3287-SB10 Frame. Hood & Wave Grate	5239-6361	390
R-3290 Frame, Grate & Hood	5130-6168	535
R-3360-A InDOT Type 13 Frame & Curved Grate	4144-6364	561
R-3405-A 4" Frame & Grate (Available in 3-sided for multiple sets)	4114-6027	320
R-3405-A 4" Frame & Grate (Available in 3-sided for multiple sets)	4116-6027	370
R-3405-A-L 4" Frame & Directional Grate (Available in 3-sided)	4114-6028-L	310
R-3405-A-L 4" Frame & Directional Grate (Available in 3-sided)	4114-6028-R	310
R-3405-A-L 6" Frame & Directional Grate (Available in 3-sided)	4116-6028-L	350
R-3405-A-L 6" Frame & Directional Grate (Available in 3-sided)	4116-6028-R	350
R-3472 Frame & Grate	4008-6008	360
R-3501 Rollback Frame & Grate	5385-6285	400
R-3501-TL Roll Back Frame & Grate Left Flow	5254-6233-L	367
R-3501-TR Roll Back Frame & Grate Right Flow	5254-6233-R	367
R-3801 Frame & Grate	4672-6262	310
R-4215-C Convex Grate	6006	194
R-4342 Stool Type (BeeHive) Grate	5695	116
R-4350-B 12" Pipe (BeeHive) Grate	5690	50
R-4350-C 15" Pipe (BeeHive) Grate	5696	75
R-4350-D 18" Pipe (BeeHive) Grate	5697	111
R-4350-E 24" Pipe (BeeHive) Grate	5698	177
R-4351-D B-Hive Grate	5693	63
R-4859-C Grate	6368	122
R-5900-A Ring & Cover	7621-FE	45
R-5900-E Ring & Cover	159-QH	160
R-5901-E Ring & Round Grate	1110-5630	185
R-6679-B Ring & Cover	1014-YT	270

(Part 2 of 2)