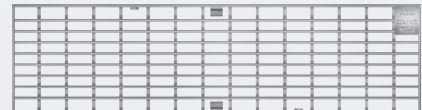
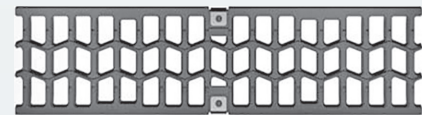
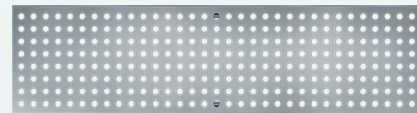
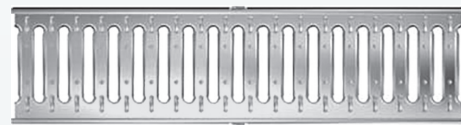


TD-2021

2021

GRP & STEEL TRENCH DRAIN SYSTEMS



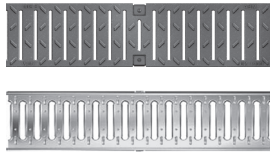

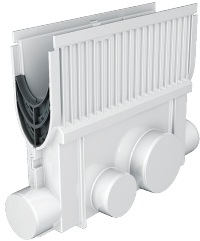






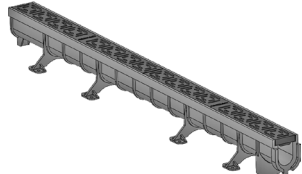
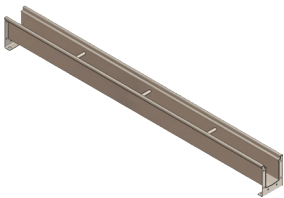
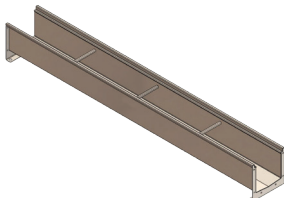




2", 4", 8", 12" INTERNAL WIDTHS - SHALLOW BODY - CATCH BASINS
(3", 6", 10" and 14" OVERALL WIDTHS)

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PICTORIAL INDEX

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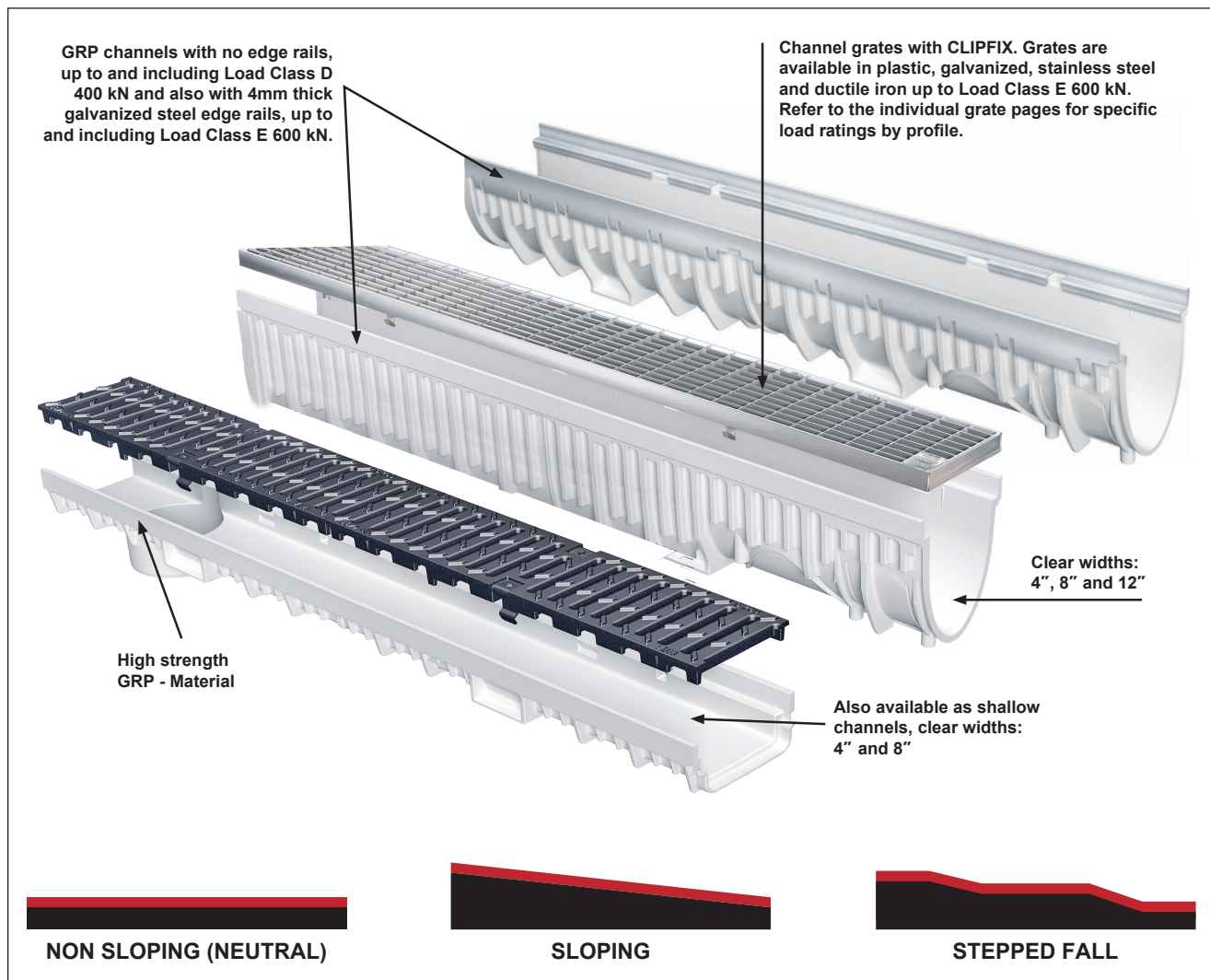
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sales@mifab.com Canada Toll Free: 1-800-387-3880

MIFAB®, Inc., 1321 West 119th Street, Chicago, Illinois 60643-5109, USA
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Glass Fiber Reinforced Polyester (GRP) for Maximum Flexibility



The GRP channels are ideal for:

- Vehicle Maintenance
- Parking Lots and Garages
- Industrial and Logistics Areas
- All Hardscape Applications
- Commercial Areas
- Internal Applications
- Fire and Police Stations
- Gas Stations
- Docks and Ports
- Truck Stops

The GRP channels with no edge rails and 4mm edge rails made of galvanized steel have been designed for maximum stability and easy installation.

- ADA grates for handicapped accessible areas
- Heelproof grates for areas with high heels
- Ductile Iron slotted, longitudinal and decorative grates
- Perforated and mesh grates made of galvanized and stainless steel
- Slotted grates made of galvanized and stainless steel
- Longitudinal galvanized and stainless steel grates

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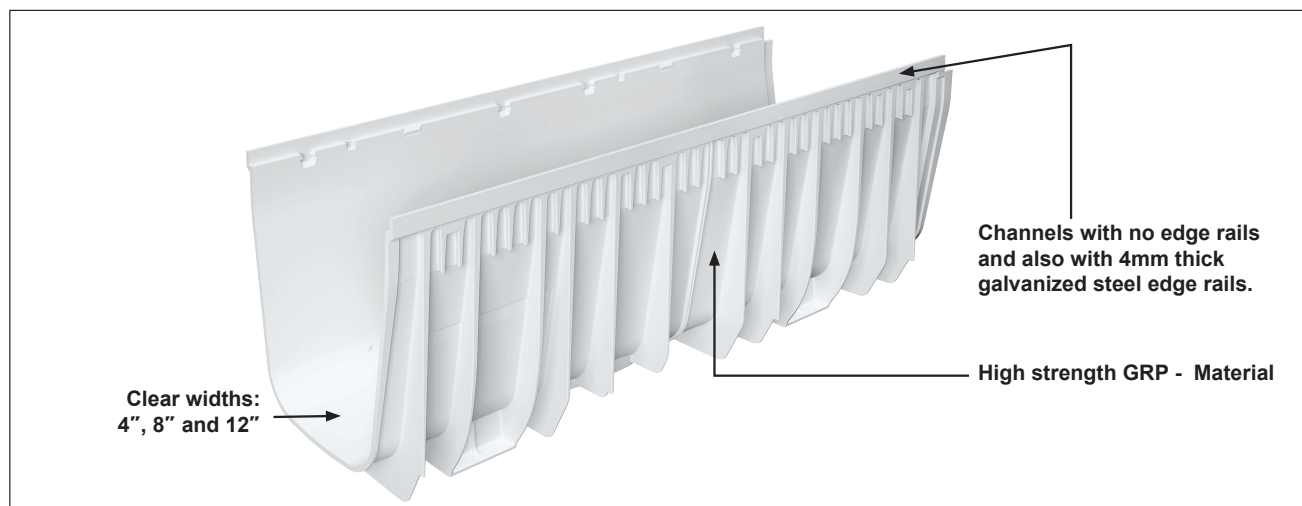
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Glass Fiber Reinforced Polyester (GRP) for Material Advantage

MIFAB's GRP drainage channels using SMC (sheet molded compound manufacturing) technology offers the best price and performance for projects with grates up to Load Class E 600kN. The channels are available with no edge rails up to and including Load Class D 400 kN and also with 4mm thick galvanized steel edge rails up to and including Load Class E 600 kN. Available in 4", 8" and 12" internal widths; the channel offering is completed with a wide variety of grates and accessories.

- Drainage channels made of Glass Fiber Reinforced Polyester (GRP)
- Easy to install
- Excellent value
- Load Class up to E 600kN



GRP - SHEET MOLDED COMPOUND

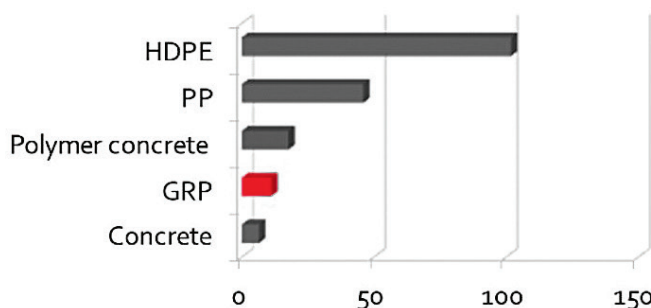
The GRP from MIFAB has outstanding physical and chemical properties. These make it an extremely reliable and versatile material in even the toughest conditions.

GRP channels are composed of glass fiber reinforced polyester. GRP channels are resistant to most chemicals and acids. A maximum working temperature of 212° F (100° C) is recommended. This exceeds most other materials (HDPE, PP and Polymer concrete) that have a working temperature of 180° degrees Fahrenheit.

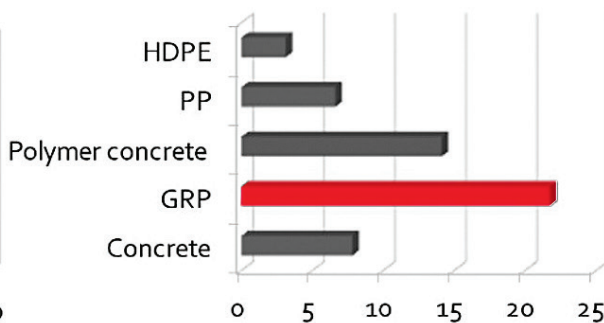
MATERIAL CONSIDERATIONS

THESE SYSTEMS ARE EXPOSED TO: ELEMENTS
EXTREME DYNAMIC LOADS
CORROSIVE ENVIRONMENTS

Thermal expansion material comparison at 68° F (20°C)



Compressive strength (1000 psi)




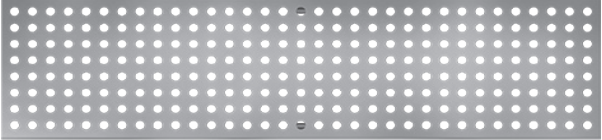

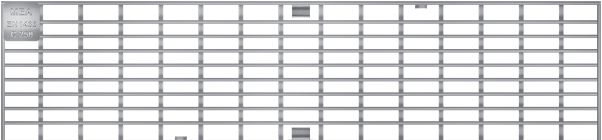


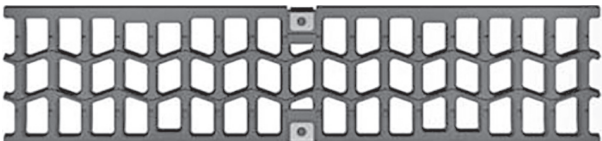
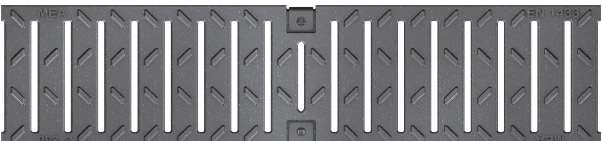
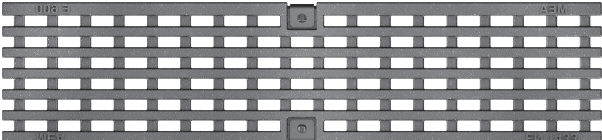

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Clipfix Universal Grates

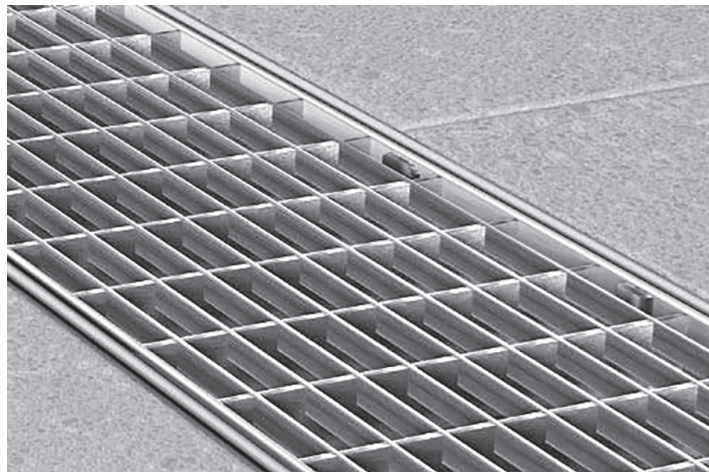
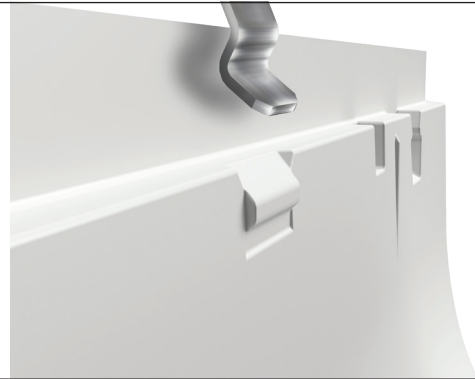
SLOTTED - GALV. & S.S.  Load Class A, C, E	T1400	PERFORATED - GALV. & S.S.  Load Class A, C	T1400 T2000
PLASTIC  Load Class C	T1400	MESH - GALV. & S.S.  Load Class A, C	T1400 T2000 T3000
LONGITUDINAL BAR - GALV. & S.S.  Load Class B	T1400 T2000 T3000	DUCTILE IRON - SLOTTED  Load Class E	T1400 T2000 T3000
DUCTILE IRON - WAVE  Load Class C	T1400 T2000 T3000	DUCTILE IRON - HEELPROOF  Load Class C, E	T1400 T2000 T3000
DUCTILE IRON - ADA  Load Class E	T1400 T2000 T3000	DUCTILE IRON - BAVARIA  Load Class C	T1400 T2000 T3000

MIFAB offers a wide range of grates for GRP and steel channel systems that are not just functional, but also aesthetically pleasing.

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Clipfix Universal Grate Locking Design

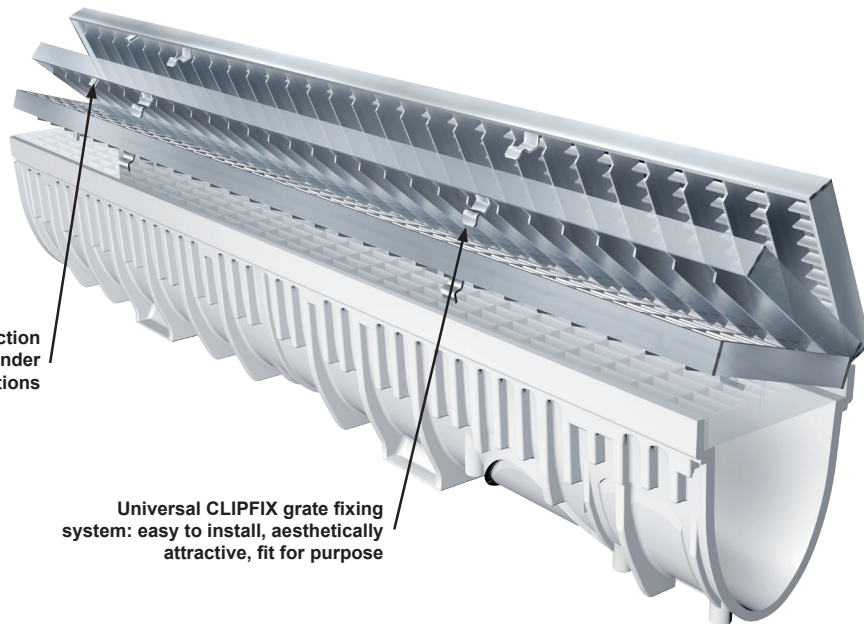
The MIFAB GRP channels have been designed and optimized for our universal CLIPFIX grate fixing mechanism with longitudinal shift protection. The advantage: a large choice of grates and a comprehensive product offering.



Thanks to the CLIPFIX system, the channel and grates offer an aesthetically pleasing solution when installed, because no locking devices or screws are visible.

Longitudinal shift protection system for anti-shunting under dynamic load conditions

Universal CLIPFIX grate fixing system: easy to install, aesthetically attractive, fit for purpose

















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System Pricing (Per Foot)

T1400 - 4" INTERNAL WIDTH (channel with no edge rails, grate & CLIPFIX grate locking clips)				
GRATE LOAD CLASS	GRATE MATERIAL	GRATE DESIGN	LIST PRICE (Per Foot)	GRATE SUFFIX
A	Galvanized steel	Perforated 	\$111.00	PGA-13-FP
A	Galvanized steel	Slotted	\$111.00	PGA-13-FS
A	Stainless Steel	Perforated 	\$161.98	PGA-3-FP
A	Stainless Steel	Slotted	\$161.98	PGA-3-FS
A	Stainless Steel	Mesh 	\$191.55	PGA-3-SM
B	Galvanized steel	Longitudinal slotted 	\$145.74	PGB-13-LS
B	Stainless Steel	Longitudinal slotted 	\$410.30	PGB-3-LS
C	Ductile Iron	Slotted	\$126.00	PGC-4
C	Ductile Iron	Heelproof slotted 	\$150.39	PGC-4-HP
C	Ductile Iron	WAVE	\$158.01	PGC-4-WVY
C	Ductile Iron	BAVARIA	\$158.01	PGC-4-BG
C	Galvanized steel	Mesh 	\$156.79	PGC-13-GM
C	Galvanized steel	Perforated Avail. Oct./21 	\$143.99	PGC-13-FP
C	Galvanized steel	Slotted	\$143.99	PGC-13-FS
C	Galvanized steel	Paverslot 	\$281.00	PGC-13-SD
C	Plastic	Heelproof slotted 	\$214.00	PGC-HPP
C	Ductile Iron	Solid Cover 	\$149.00	SCC-4
C	Stainless Steel	Slotted	\$246.00	PGC-3-FS
C	Stainless Steel	Perforated Avail. Oct./21 	\$246.00	PGC-3-FP
C	Stainless Steel	Mesh 	\$336.75	PGC-3-SM
C	Stainless Steel	Paverslot 	\$466.00	PGC-3-SD

T1460 - 4" INTERNAL WIDTH, 55MM DEEP (channel with no edge rails, grate & CLIPFIX grate locking clips)				
GRATE LOAD CLASS	GRATE MATERIAL	GRATE DESIGN	LIST PRICE (Per Foot)	GRATE SUFFIX
A	Galvanized steel	Perforated 	\$97.00	PGA-13-FP
A	Galvanized steel	Slotted	\$97.00	PGA-13-FS
A	Stainless Steel	Perforated 	\$147.98	PGA-3-FP
A	Stainless Steel	Slotted	\$147.98	PGA-3-FS
A	Stainless Steel	Mesh 	\$177.55	PGA-3-SM
B	Galvanized steel	Longitudinal slotted 	\$131.74	PGB-13-LS
B	Stainless Steel	Longitudinal slotted 	\$396.30	PGB-3-LS
C	Ductile Iron	Slotted	\$112.00	PGC-4
C	Ductile Iron	Heelproof slotted 	\$136.39	PGC-4-HP
C	Ductile Iron	WAVE	\$144.01	PGC-4-WVY
C	Ductile Iron	BAVARIA	\$144.01	PGC-4-BG
C	Galvanized steel	Mesh 	\$142.79	PGC-13-GM
C	Galvanized steel	Perforated Avail. Oct./21 	\$129.99	PGC-13-FP
C	Galvanized steel	Slotted	\$129.99	PGC-13-FS
C	Galvanized steel	Paverslot 	\$267.00	PGC-13-SD
C	Plastic	Heelproof slotted 	\$200.00	PGC-HPP
C	Ductile Iron	Solid Cover 	\$135.00	SCC-4
C	Stainless Steel	Slotted	\$232.00	PGC-3-FS
C	Stainless Steel	Perforated Avail. Oct./21 	\$232.00	PGC-3-FP
C	Stainless Steel	Mesh 	\$322.75	PGC-3-SM
C	Stainless Steel	Paverslot 	\$452.00	PGC-3-SD

T1400-13 - 4" INTERNAL WIDTH (channel and galvanized steel edge rails with grate & CLIPFIX grate locking clips)				
GRATE LOAD CLASS	GRATE MATERIAL	GRATE DESIGN	LIST PRICE (Per Foot)	GRATE SUFFIX
A	Galvanized steel	Perforated 	\$157.00	PGA-13-FP
A	Galvanized steel	Slotted	\$157.00	PGA-13-FS
B	Galvanized steel	Longitudinal slotted 	\$191.74	PGB-13-LS
C	Ductile Iron	Slotted	\$172.00	PGC-4
C	Ductile Iron	Heelproof slotted 	\$196.39	PGC-4-HP
C	Ductile Iron	WAVE	\$204.01	PGC-4-WVY
C	Ductile Iron	BAVARIA	\$204.01	PGC-4-BG
C	Galvanized steel	Mesh 	\$202.79	PGC-13-GM

C	Galvanized steel	Perforated Avail. Oct./21 	\$189.99	PGC-13-FP
C	Galvanized steel	Slotted	\$189.99	PGC-13-FS
C	Galvanized steel	Paverslot 	\$327.00	PGC-13-SD
C	Plastic	Heelproof slotted 	\$260.00	PGC-HPP
C	Ductile Iron	Solid Cover 	\$195.00	SCC-4
E	Ductile Iron	Heelproof slotted 	\$220.00	PGE-4-HP
E	Ductile Iron	Longitudinal slotted 	\$220.00	PGE-4-ADA
E	Ductile Iron	Longitudinal slotted, galvanized 	\$257.00	PGE-4-ADA-13
E	Ductile Iron	Slotted	\$188.00	PGE-4
E	Ductile Iron	Slotted, galvanized	\$199.00	PGE-4-13
E	Galvanized steel	Slotted	\$208.00	PGE-13-FS

Cutting Charges	Cutting / per cut - (including bodies and grate - but does not include bonding of channel bodies)	\$88.00
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NOTE: Lockdowns The CLIPFIX locking clips are included with all of the above Class A - E grates.
45s, 90s, catch basins, outlets, end caps and installation devices are priced separately and not included in the above System Pricing. (See Page 13)




















 See page 12 for explanation of ADA compliant grates

 See page 12 for explanation of Heelproof compliant grates

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System Pricing (Per Foot)

T2000 - 8" INTERNAL WIDTH (channel with no edge rails, grate and CLIPFIX grate locking clips)				
GRATE LOAD CLASS	GRATE MATERIAL	GRATE DESIGN	LIST PRICE (Per Foot)	GRATE SUFFIX
A	Galvanized steel	Mesh 	\$296.72	PGA-13-GM
A	Stainless Steel	Mesh 	\$720.35	PGA-3-SM
B	Galvanized steel	Longitudinal slotted 	\$308.14	PGB-13-LS
B	Stainless Steel	Longitudinal slotted 	\$720.35	PGB-3-LS
C	Ductile Iron	Slotted	\$267.01	PGC-4
C	Ductile Iron	Heelproof slotted 	\$326.01	PGC-4-HP
C	Ductile Iron	WAVE	\$326.01	PGC-4-WVY
C	Ductile Iron	BAVARIA	\$326.01	PGC-4-BG
C	Galvanized steel	Perforated 	\$482.01	PGC-13-FP
C	Galvanized steel	Mesh 	\$408.84	PGC-13-GM
C	Galvanized steel	Paverslot 	\$346.49	PGC-13-SD
C	Stainless Steel	Perforated 	\$685.01	PGC-3-FP
C	Stainless Steel	Mesh 	\$838.11	PGC-3-SM
C	Stainless Steel	Bar	\$779.01	PGC-3-SBG
C	Stainless Steel	Paverslot 	\$493.44	PGC-3-SD
T2000-13 - 8" INTERNAL WIDTH (channel and galvanized steel edge rails with grate and CLIPFIX grate locking clips)				
GRATE LOAD CLASS	GRATE MATERIAL	GRATE DESIGN	LIST PRICE (Per Foot)	GRATE SUFFIX
A	Galvanized steel	Mesh 	\$347.71	PGA-13-GM
B	Galvanized steel	Longitudinal slotted 	\$359.13	PGB-13-LS
C	Ductile Iron	Slotted	\$318.00	PGC-4
C	Ductile Iron	Heelproof slotted 	\$377.00	PGC-4-HP
C	Ductile Iron	WAVE	\$377.00	PGC-4-WVY
C	Ductile Iron	BAVARIA	\$377.00	PGC-4-BG
C	Galvanized steel	Perforated 	\$533.00	PGC-13-FP
C	Galvanized steel	Mesh 	\$459.83	PGC-13-GM
C	Galvanized steel	Paverslot 	\$397.48	PGC-13-SD
E	Ductile Iron	Slotted	\$360.00	PGE-4
E	Ductile Iron	Slotted, galvanized	\$406.00	PGE-4-13
E	Ductile Iron	Heelproof slotted 	\$406.00	PGE-4-HP
E	Ductile Iron	Longitudinal slotted  Avail. Oct/21	\$406.00	PGE-4-ADA
E	Ductile Iron	Longitudinal slotted, galvanized  Avail. Oct/21	\$506.00	PGE-4-ADA-13

T2060 - 8" INTERNAL WIDTH, 100MM DEEP (channel with no edge rails, grate and CLIPFIX grate locking clips)				
GRATE LOAD CLASS	GRATE MATERIAL	GRATE DESIGN	LIST PRICE (Per Foot)	GRATE SUFFIX
A	Galvanized steel	Mesh 	\$296.41	PGA-13-GM
A	Stainless Steel	Mesh 	\$720.04	PGA-3-SM
B	Galvanized steel	Longitudinal slotted 	\$307.83	PGB-13-LS
B	Stainless Steel	Longitudinal slotted 	\$720.04	PGB-3-LS
C	Ductile Iron	Slotted	\$266.70	PGC-4
C	Ductile Iron	Heelproof slotted 	\$325.70	PGC-4-HP
C	Ductile Iron	WAVE	\$325.70	PGC-4-WVY
C	Ductile Iron	BAVARIA	\$325.70	PGC-4-BG
C	Galvanized steel	Perforated 	\$481.70	PGC-13-FP
C	Galvanized steel	Mesh 	\$408.53	PGC-13-GM
C	Galvanized steel	Paverslot 	\$346.18	PGC-13-SD
C	Stainless Steel	Perforated 	\$684.70	PGC-3-FP
C	Stainless Steel	Mesh 	\$837.80	PGC-3-SM
C	Stainless Steel	Bar	\$778.70	PGC-3-SBG
C	Stainless Steel	Paverslot 	\$493.13	PGC-3-SD
T3000 - 12" INTERNAL WIDTH (channel with no edge rails, grate and CLIPFIX grate locking clips)				
GRATE LOAD CLASS	GRATE MATERIAL	GRATE DESIGN	LIST PRICE (Per Foot)	GRATE SUFFIX
C	Galvanized steel	Mesh 	\$627.28	PGC-13-GM
C	Stainless Steel	Mesh	\$1,057.01	PGC-3-SM
C	Stainless Steel	Bar 	\$942.46	PGC-3-SBG
C	Ductile Iron	Slotted	\$316.46	PGC-4
C	Ductile Iron	Heelproof slotted 	\$365.06	PGC-4-HP
C	Ductile Iron	WAVE	\$469.81	PGC-4-WVY
C	Ductile Iron	BAVARIA	\$450.30	PGC-4-BG
T3000-13 - 12" INTERNAL WIDTH (channel and galvanized steel edge rails with grate and CLIPFIX grate locking clips)				
GRATE LOAD CLASS	GRATE MATERIAL	GRATE DESIGN	LIST PRICE (Per Foot)	GRATE SUFFIX
C	Galvanized steel	Mesh 	\$611.73	PGC-13-GM
C	Ductile Iron	Slotted	\$332.01	PGC-4
C	Ductile Iron	Heelproof slotted 	\$380.61	PGC-4-HP
C	Ductile Iron	WAVE	\$485.36	PGC-4-WVY
C	Ductile Iron	BAVARIA	\$465.85	PGC-4-BG
E	Ductile Iron	Slotted	\$507.01	PGE-4
E	Ductile Iron	Slotted, galvanized	\$557.01	PGE-4-13
E	Ductile Iron	Heelproof, slotted 	\$507.01	PGE-4-HP
E	Ductile Iron	Longitudinal slotted  Avail. Oct/21	\$507.01	PGE-4-ADA
E	Ductile Iron	Longitudinal slotted, galvanized  Avail. Oct/21	\$557.01	PGE-4-ADA-13

NOTE: Lockdowns The CLIPFIX locking clips are included with all of the above Class A - E grates.
45s, 90s, catch basins, outlets, end caps and installation devices are priced separately and not included in the above System Pricing. (See Pages 17 and 21)

Cutting Charges	T2000, T2000-13, T2060 - Cutting / per cut - (including bodies and grate - but does not include bonding of channel bodies)	\$174.00
Cutting Charges	T3000, T3000-13 - Cutting / per cut - (including bodies and grate - but does not include bonding of channel bodies)	\$351.00



See page 12 for explanation of ADA compliant grates



See page 12 for explanation of Heelproof compliant grates

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System Pricing (Per Foot)

T1330 - 4" INTERNAL WIDTH (Steel channel with grate & CLIPFIX grate locking clips)				
GRATE LOAD CLASS	GRATE MATERIAL	GRATE DESIGN	LIST PRICE (Per Foot)	GRATE SUFFIX
A	Galvanized steel	Perforated	\$338.50	PGA-13-FP
A	Galvanized steel	Slotted	\$338.50	PGA-13-FS
A	Stainless Steel	Perforated	\$389.48	PGA-3-FP
A	Stainless Steel	Slotted	\$389.48	PGA-3-FS
A	Stainless Steel	Mesh	\$419.05	PGA-3-SM
B	Galvanized steel	Longitudinal slotted	\$373.24	PGB-13-LS
B	Stainless Steel	Longitudinal slotted	\$637.80	PGB-3-LS
C	Ductile Iron	Slotted	\$353.50	PGC-4
C	Ductile Iron	Heelproof slotted	\$377.89	PGC-4-HP
C	Ductile Iron	WAVE	\$385.51	PGC-4-WVY
C	Ductile Iron	BAVARIA	\$385.51	PGC-4-BG
C	Ductile Iron	Solid Cover	\$376.50	SCC-4
C	Galvanized steel	Mesh	\$384.29	PGC-13-GM
C	Galvanized steel	Perforated	\$371.49	PGC-13-FP
C	Galvanized steel	Slotted	\$371.49	PGC-13-FS
C	Galvanized steel	Paverslot	\$508.50	PGC-13-SD
C	Plastic	Heelproof slotted	\$441.50	PGC-HPP
C	Stainless Steel	Slotted	\$473.50	PGC-3-FS
C	Stainless Steel	Perforated	Avail. Oct/21 \$473.50	PGC-3-FP
C	Stainless Steel	Mesh	\$564.25	PGC-3-SM
C	Stainless Steel	Paverslot	\$693.50	PGC-3-SD
E	Ductile Iron	Heelproof slotted	\$369.50	PGE-4-HP
E	Ductile Iron	Longitudinal slotted	Avail. Oct/21 \$401.50	PGE-4-ADA
E	Ductile Iron	Longitudinal slotted, galvanized	\$438.50	PGE-4-ADA-13
E	Ductile Iron	Slotted	\$369.50	PGE-4
E	Ductile Iron	Slotted, galvanized	\$380.50	PGE-4-13
E	Galvanized steel	Slotted	\$389.50	PGE-13-FS

T1360 - 8" INTERNAL WIDTH (Steel channel with grate & CLIPFIX grate locking clips)				
GRATE LOAD CLASS	GRATE MATERIAL	GRATE DESIGN	LIST PRICE (Per Foot)	GRATE SUFFIX
A	Galvanized steel	Mesh	\$484.71	PGA-13-GM
A	Stainless Steel	Mesh	\$908.34	PGA-3-SM
B	Galvanized steel	Longitudinal slotted	\$496.13	PGB-13-LS
B	Stainless Steel	Longitudinal slotted	\$908.34	PGB-3-LS
C	Ductile Iron	Slotted	\$455.00	PGC-4
C	Ductile Iron	Heelproof slotted	\$514.00	PGC-4-HP
C	Ductile Iron	WAVE	\$514.00	PGC-4-WVY
C	Ductile Iron	BAVARIA	\$514.00	PGC-4-BG
C	Galvanized steel	Mesh	Avail. Oct/21 \$596.83	PGC-13-GM
C	Galvanized steel	Perforated	\$670.00	PGC-13-FP
C	Galvanized steel	Paverslot	\$534.48	PGC-13-SD
C	Stainless Steel	Perforated	\$873.00	PGC-3-FP
C	Stainless Steel	Mesh	\$1026.10	PGC-3-SM
C	Stainless Steel	Bar	\$967.00	PGC-3-SBG
C	Stainless Steel	Paverslot	\$681.43	PGC-3-SD
E	Ductile Iron	Slotted	\$497.00	PGE-4
E	Ductile Iron	Slotted, galvanized	\$543.00	PGE-4-13
E	Ductile Iron	Heelproof slotted	\$543.00	PGE-4-HP
E	Ductile Iron	Longitudinal slotted	Avail. Oct/21 \$543.00	PGE-4-ADA
E	Ductile Iron	Longitudinal slotted, galvanized	\$643.00	PGE-4-ADA-13

T1400-F - 4" INTERNAL WIDTH (Steel frame, grate & CLIPFIX grate locking clips)				
GRATE LOAD CLASS	GRATE MATERIAL	GRATE DESIGN	LIST PRICE (Per Foot)	GRATE SUFFIX
A	Galvanized steel	Perforated	\$135.00	PGA-13-FP
A	Galvanized steel	Slotted	\$135.00	PGA-13-FS
A	Stainless Steel	Perforated	\$185.98	PGA-3-FP
A	Stainless Steel	Slotted	\$185.98	PGA-3-FS
A	Stainless Steel	Mesh	\$215.55	PGA-3-SM
B	Galvanized steel	Longitudinal slotted	\$169.74	PGB-13-LS
B	Stainless Steel	Longitudinal slotted	\$434.30	PGB-3-LS
C	Ductile Iron	Slotted	\$150.00	PGC-4
C	Ductile Iron	Heelproof slotted	\$174.39	PGC-4-HP
C	Ductile Iron	WAVE	\$182.01	PGC-4-WVY
C	Ductile Iron	BAVARIA	\$182.01	PGC-4-BG
C	Ductile Iron	Solid Cover	\$173.00	SCC-4
C	Galvanized steel	Mesh	\$180.79	PGC-13-GM
C	Galvanized steel	Perforated	Avail. Oct/21 \$167.99	PGC-13-FP
C	Galvanized steel	Slotted	\$167.99	PGC-13-FS
C	Galvanized steel	Paverslot	\$305.00	PGC-13-SD
C	Plastic	Heelproof slotted	\$238.00	PGC-HPP
C	Stainless Steel	Slotted	\$270.00	PGC-3-FS
C	Stainless Steel	Perforated	Avail. Oct/21 \$270.00	PGC-3-FP
C	Stainless Steel	Mesh	\$360.75	PGC-3-SM
C	Stainless Steel	Paverslot	\$490.00	PGC-3-SD
E	Ductile Iron	Heelproof slotted	\$166.00	PGE-4-HP
E	Ductile Iron	Longitudinal slotted	Avail. Oct/21 \$198.00	PGE-4-ADA
E	Ductile Iron	Longitudinal slotted, galvanized	\$235.00	PGE-4-ADA-13
E	Ductile Iron	Slotted	\$166.00	PGE-4
E	Ductile Iron	Slotted, galvanized	\$177.00	PGE-4-13
E	Galvanized steel	Slotted	\$186.00	PGE-13-FS

T2000-F - 8" INTERNAL WIDTH (Steel frame, grate & CLIPFIX grate locking clips)				
GRATE LOAD CLASS	GRATE MATERIAL	GRATE DESIGN	LIST PRICE (Per Foot)	GRATE SUFFIX
A	Galvanized steel	Mesh	\$304.71	PGA-13-GM
A	Stainless Steel	Mesh	\$728.34	PGA-3-SM
B	Galvanized steel	Longitudinal slotted	\$316.13	PGB-13-LS
B	Stainless Steel	Longitudinal slotted	\$728.34	PGB-3-LS
C	Ductile Iron	Slotted	\$275.00	PGC-4
C	Ductile Iron	Heelproof slotted	\$334.00	PGC-4-HP
C	Ductile Iron	WAVE	\$334.00	PGC-4-WVY
C	Ductile Iron	BAVARIA	\$334.00	PGC-4-BG
C	Galvanized steel	Perforated	\$490.00	PGC-13-FP
C	Galvanized steel	Mesh	Avail. Oct/21 \$416.83	PGC-13-GM
C	Galvanized steel	Paverslot	\$354.48	PGC-13-SD
C	Stainless Steel	Perforated	\$693.00	PGC-3-FP
C	Stainless Steel	Mesh	\$846.10	PGC-3-SM
C	Stainless Steel	Bar	\$787.00	PGC-3-SBG
C	Stainless Steel	Paverslot	\$501.43	PGC-3-SD
E	Ductile Iron	Slotted	\$317.00	PGE-4
E	Ductile Iron	Slotted, galvanized	\$363.00	PGE-4-13
E	Ductile Iron	Heelproof slotted	\$363.00	PGE-4-HP
E	Ductile Iron	Longitudinal slotted	Avail. Oct/21 \$363.00	PGE-4-ADA
E	Ductile Iron	Longitudinal slotted, galvanized	\$463.00	PGE-4-ADA-13

NOTE: Lockdowns The CLIPFIX locking clips are included with all of the above grates.

T1330, T1360: 45s, 90s, catch basins, outlets, end caps and installation devices are priced separately and not included in the above System Pricing. (See Pages 26 & 28)



See page 12 for explanation of ADA compliant grates



See page 12 for explanation of Heelproof compliant grates

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PROJECT REFERENCES



TOWN CENTRES AND PEDESTRIAN AREAS



PARKING SPACES



GARDENING AND LANDSCAPING



PARKING GARAGES



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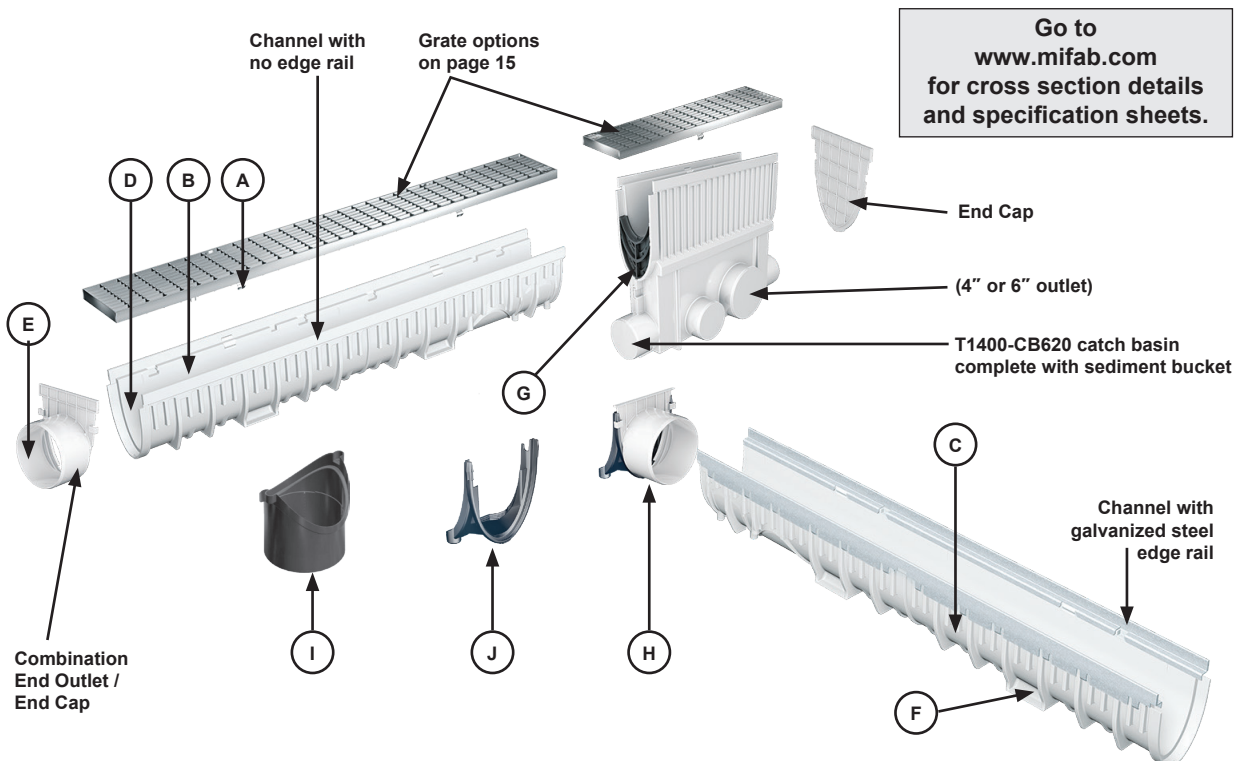
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T1400 System Components and Features



- A. Innovative CLIPFIX grate locking mechanism. Grates made of plastic, ductile iron, galvanized and stainless steel.
- B. GRP channels with no edge rails and also with 4mm thick galvanized steel edge rails as per EN 1433.
- C. High strength of the drainage channel body enables Load Class A 15kN to Load Class E 600kN.
- D. Optimized flow cross section promotes self cleaning.
- E. Combination end cap / end outlet for either end of the channels for all depths.
- F. Deep-seated anchorage bays in the drainage channel body ensures mechanical attachment to the concrete Installation device attachment point.
- G. Four filler plates, one end cap and one sediment bucket are provided with every catch basin. For T1400N channel, use four filler plates, two on each side. For T1410N channel, use one filler plate on each side.
- H. Side outlet connector.
- I. 4" No Hub Bottom outlet.
- J. Side channel connector.



ADA grates are designed to have open slots no greater than 0.5 inches (13mm) wide in one direction. If the length of the slot is greater than 0.5 inches, the opening shall run perpendicular to the main direction.



HEELPROOF

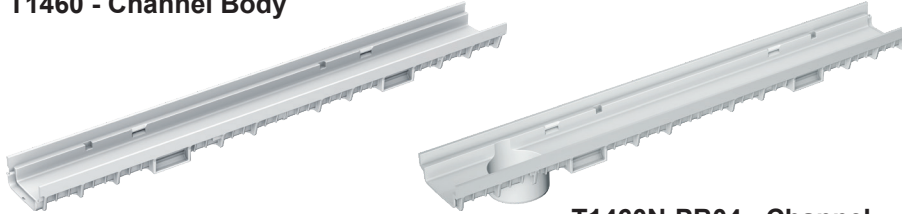


Heelproof grates are designed to resist entry of pointed high heel shoes from entering the trench drain grate opening. ASME Standard A112.6.3, Section 7.12 defines Heelproof as: "A grate designed to resist entry of high-heeled shoes, in which the maximum grate hole size in least dimension shall be 5/16" (8mm) (0.31").

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T1460 - 4" Internal Width - Shallow Channels and Catch Basins

T1460 - Channel Body



Go to www.mifab.com
for cross section details and
specification sheets.

T1460N-PB04 - Channel with integral 4" outlet

T1400-CB620 Catch Basin





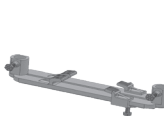






NO EDGE RAILS		BODY TYPE	INVERT BODY DEPTH		OVERALL BODY DEPTH		MAXIMUM FLOW RATE	WEIGHT (LESS GRATE)
Channel Model #	List Price, Each (1 Meter long)	Neutral - 0%	Min.	Max.	Min.	Max.	GPM	Lbs.
T1460N-PB	\$285.35	Neutral	2"	2"	2.17"	2.17"	4.76	4.12
T1460N-PB-500 (half meter long)	\$171.20	Neutral	2"	2"	2.17"	2.17"	4.76	2.05
T1460N-PB-BO4	\$285.35	Neutral	2"	2"	2.17"	2.17"	4.76	4.12

Catch Basins For T1400 and T1460 Channels

NO EDGE RAILS		GALVANIZED STEEL INTEGRAL RAILS		BODY TYPE	INVERT DEPTH		OVERALL DEPTH		WEIGHT (LESS GRATE)
Catch Basin Model #	List Price, Each (1/2 Meter long)	Catch Basin Model #	List Price, Each (1/2 Meter long)	Neutral - 0%	Min.	Max.	Min.	Max.	Lbs.
T1400-CB620	\$560.00	T1400-CB620-13	\$648.00	Neutral	19"	19"	19.18"	19.18"	12.74
T1400-CB620-SB	\$197.00	Replacement sediment bucket							

NOTE: All catch basins are shipped with the sediment bucket, four filler plates and an end cap. Recommended channel connections to the catch basin can be best achieved using channel numbers T1400, T1410 and T1420.

								
MI-FLEX-400	T1400-PBDS	T1400-PEO End Outlet - 4"	T1400-PBO4 Bottom Outlet - 4"	T1400-REB (Installation Device) Two devices provided with every channel	T1400-SIDE-CON Side channel connector	T1400-SO4 Side outlet connector and End Outlet assembled together = T1400-SO4	T1400-PEC End Cap	T1460-PEC Closed End Cap for T1460N Channels

MODEL #	DESCRIPTION	MATERIAL	LIST PRICE	WEIGHT (Lbs.)
MI-FLEX-400	4" Flexible rubber coupling to connect 4" No Hub vertical and horizontal channel outlets to drainage pipe.	Rubber	\$16.00	0.50
T1400-PBDS	Bottom Outlet Strainer	Stainless Steel	\$73.00	0.20
T1400-PEO	4" No Hub End inlet / outlet and combination front / end cap	Plastic	\$36.00	0.44
T1400-PBO4	4" No Hub Bottom outlet	Plastic	\$36.00	0.40
T1400-REB	Replacement Installation Device	Plastic	\$10.00	0.22
T1400-SIDE-CON	Side Channel Connector	Plastic	\$73.00	0.60
T1400-SO4	Side Outlet Connector (T1400-SIDE-CON and T1400-PEO)	Plastic	\$72.00	0.50
T1400-PEC	Closed End Cap	Plastic	\$36.00	0.20
T1460-PEC	Closed End Cap for T1460N channels	Galvanized Steel	\$36.00	0.20

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T1400 Channel



T1400-13 Channel









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NO EDGE RAILS		GALVANIZED STEEL INTEGRAL RAILS		BODY TYPE	INVERT BODY DEPTH		OVERALL BODY DEPTH		MAXIMUM FLOW RATE GPM	WEIGHT (LESS GRATE) Lbs.
Channel Model #	List Price, Each (1 Meter long)	Channel Model #	List Price, Each (1 Meter long)		E1 (Min.)	E2 (Max.)	E1 (Min.)	E2 (Max.)		
T1400N-PB	\$331.25	T1400N-PB-13	\$482.15	Neutral	5.78"	5.78"	6.23"	6.23"	76.08	7.94
T1400N-PB-500	\$198.75 (half meter long channel)	T1400N-PB-13-500	\$289.30 (half meter long channel)	Neutral	5.78"	5.78"	6.23"	6.23"	76.08	4.41
T1400N-PB-500-DC	\$198.75 (half meter long channel, direction change)	T1400N-PB-13-500-DC	\$289.30 (half meter long channel, direction change)	Neutral	5.78"	5.78"	6.23"	6.23"	76.08	4.41
T1401-PB	\$331.25	T1401-PB-13	\$482.15	Sloped	5.78"	5.98"	6.23"	6.42"	98.27	8.16
T1402-PB	\$331.25	T1402-PB-13	\$482.15	Sloped	5.98"	6.18"	6.42"	6.62"	98.27	8.32
T1403-PB	\$331.25	T1403-PB-13	\$482.15	Sloped	6.18"	6.38"	6.62"	6.82"	98.27	8.49
T1404-PB	\$331.25	T1404-PB-13	\$482.15	Sloped	6.38"	6.57"	6.82"	7.01"	98.27	8.66
T1405-PB	\$331.25	T1405-PB-13	\$482.15	Sloped	6.57"	6.77"	7.01"	7.21"	98.27	8.83
T1406-PB	\$331.25	T1406-PB-13	\$482.15	Sloped	6.77"	6.97"	7.21"	7.41"	98.27	8.99
T1407-PB	\$331.25	T1407-PB-13	\$482.15	Sloped	6.97"	7.16"	7.41"	7.60"	98.27	9.16
T1408-PB	\$331.25	T1408-PB-13	\$482.15	Sloped	7.16"	7.36"	7.60"	7.80"	98.27	9.33
T1409-PB	\$331.25	T1409-PB-13	\$482.15	Sloped	7.36"	7.56"	7.80"	8.00"	98.27	9.50
T1410-PB	\$331.25	T1410-PB-13	\$482.15	Sloped	7.56"	7.75"	8.00"	8.19"	160.09	9.67
T1410N-PB	\$331.25	T1410N-PB-13	\$482.15	Neutral	7.75"	7.75"	8.19"	8.19"	133.14	9.57
T1410N-PB-500	\$198.75 (half meter long channel)	T1410N-PB-13-500	\$289.30 (half meter long channel)	Neutral	7.75"	7.75"	8.19"	8.19"	133.14	4.78
T1410N-PB-500-DC	\$198.75 (half meter long channel, direction change)	T1410N-PB-13-500-DC	\$289.30 (half meter long channel, direction change)	Neutral	7.75"	7.75"	8.19"	8.19"	133.14	4.78
T1411-PB	\$331.25	T1411-PB-13	\$482.15	Sloped	7.75"	7.95"	8.19"	8.39"	160.09	9.83
T1412-PB	\$331.25	T1412-PB-13	\$482.15	Sloped	7.95"	8.15"	8.39"	8.59"	160.09	10.00
T1413-PB	\$331.25	T1413-PB-13	\$482.15	Sloped	8.15"	8.34"	8.59"	8.78"	160.09	10.17
T1414-PB	\$331.25	T1414-PB-13	\$482.15	Sloped	8.34"	8.54"	8.78"	8.98"	160.09	10.34
T1415-PB	\$331.25	T1415-PB-13	\$482.15	Sloped	8.54"	8.74"	8.98"	9.18"	160.09	10.50
T1416-PB	\$331.25	T1416-PB-13	\$482.15	Sloped	8.74"	8.93"	9.18"	9.38"	160.09	10.67
T1417-PB	\$331.25	T1417-PB-13	\$482.15	Sloped	8.93"	9.13"	9.38"	9.57"	160.09	10.84
T1418-PB	\$331.25	T1418-PB-13	\$482.15	Sloped	9.13"	9.33"	9.57"	9.77"	160.09	11.01
T1419-PB	\$331.25	T1419-PB-13	\$482.15	Sloped	9.33"	9.53"	9.77"	9.97"	160.09	11.17
T1420-PB	\$331.25	T1420-PB-13	\$482.15	Sloped	9.53"	9.72"	9.97"	10.16"	160.09	11.34
T1420N-PB	\$331.25	T1420N-PB-13	\$482.15	Neutral	9.72"	9.72"	10.16"	10.16"	182.28	11.42
T1420N-PB-500	\$198.75 (half meter long channel)	T1420N-PB-13-500	\$289.30 (half meter long channel)	Neutral	9.72"	9.72"	10.16"	10.16"	182.28	5.71
T1420N-PB-500-DC	\$198.75 (half meter long channel, direction change)	T1420N-PB-13-500-DC	\$289.30 (half meter long channel, direction change)	Neutral	9.72"	9.72"	10.16"	10.16"	182.28	5.71

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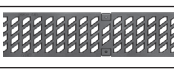
LOAD CLASS A GRATES - EN 1433 - 3,372 LBS., 15kN, 70 P.S.I.

Grate Part #	Description		Length (MM)	List Price	List Price (Per Foot)	Weight (Lbs.)	
TP100-PGA-13-FP	Class A Galvanized Perforated Grate, 1 meter		39.37" (1000)	\$32.80	\$10.00	3.85	
TP100-PGA-13-FP-500	Class A Galvanized Perforated Grate, 1/2 meter		19.69" (500)	\$19.70	\$32.31	2.09	
TP100-PGA-3-FP	Class A Stainless Steel Perforated Grate, 1 meter		39.37" (1000)	\$200.00	\$60.98	3.85	
TP100-PGA-3-FP-500	Class A Stainless Steel Perforated Grate, 1/2 meter		19.69" (500)	\$120.00	\$73.17	2.09	
TP100-PGA-13-FS	Class A Galvanized Slotted Grate, 1 meter		39.37" (1000)	\$32.80	\$10.00	3.08	
TP100-PGA-13-FS-500	Class A Galvanized Slotted Grate, 1/2 meter		19.69" (500)	\$19.70	\$32.31	2.86	
TP100-PGA-3-FS	Class A Stainless Steel Slotted Grate, 1 meter		39.37" (1000)	\$200.00	\$60.98	3.12	
TP100-PGA-3-FS-500	Class A Stainless Steel Slotted Grate, 1/2 meter		19.69" (500)	\$120.00	\$73.17	2.42	
TP100-PGA-3-SM	Class A Stainless Steel Mesh Grate, 1 meter		39.37" (1000)	\$297.00	\$90.55	5.72	
TP100-PGA-3-SM-500	Class A Stainless Steel Mesh Grate, 1/2 meter		19.69" (500)	\$170.50	\$103.96	3.08	









LOAD CLASS B GRATES - EN 1433 - 28,100 LBS., 125kN, 580 P.S.I.

TP100-PGB-13-LS	Class B Galvanized Longitudinal Grate, 1 meter		39.37" (1000)	\$146.75	\$44.74	8.80	
TP100-PGB-13-LS-500	Class B Galvanized Longitudinal Grate, 1/2 meter		19.69" (500)	\$81.50	\$49.70	4.37	
TP100-PGB-3-LS	Class B Stainless Steel Longitudinal Grate, 1 meter		39.37" (1000)	\$1014.50	\$309.30	8.80	
TP100-PGB-3-LS-500	Class B Stainless Steel Longitudinal Grate, 1/2 meter		19.69" (500)	\$718.50	\$438.11	4.37	

LOAD CLASS C GRATES - EN 1433 - 56,200 LBS., 250kN, 1,160 P.S.I.

TP100-PGC-13-FP	Class C Galvanized Perforated Grate, 1 meter		39.37" (1000)	\$141.00	\$42.99	9.04	
TP100-PGC-13-FP-500	Class C Galvanized Perforated Grate, 1/2 meter		19.69" (500)	\$84.60	\$51.59	4.51	
TP100-PGC-3-FP	Class C Stainless Steel Perforated Grate, 1 meter		39.37" (1000)	\$475.60	\$145.00	9.04	
TP100-PGC-3-FP-500	Class C Stainless Steel Perforated Grate, 1/2 meter		19.69" (500)	\$285.35	\$173.99	4.51	
TP100-PGC-13-FS	Class C Galvanized Slotted Grate, 1 meter		39.37" (1000)	\$141.00	\$42.99	9.68	
TP100-PGC-13-FS-500	Class C Galvanized Slotted Grate, 1/2 meter		19.69" (500)	\$84.60	\$51.59	4.59	
TP100-PGC-3-FS	Class C Stainless Steel Slotted Grate, 1 meter		39.37" (1000)	\$475.60	\$145.00	9.32	
TP100-PGC-3-FS-500	Class C Stainless Steel Slotted Grate, 1/2 meter		19.69" (500)	\$285.35	\$173.99	4.62	
TP100-PGC-13-GM	Class C Galvanized Mesh Grate, 1 meter		39.37" (1000)	\$183.00	\$55.79	11.50	
TP100-PGC-13-GM-500	Class C Galvanized Mesh Grate, 1/2 meter		19.69" (500)	\$143.50	\$87.50	5.80	
TP100-PGC-3-SM	Class C Stainless Steel Mesh Grate, 1 meter		39.37" (1000)	\$773.25	\$235.75	11.50	
TP100-PGC-3-SM-500	Class C Stainless Steel Mesh Grate, 1/2 meter		19.69" (500)	\$556.00	\$339.02	5.80	
TP100-PGC-13-SD	Class C Galvanized Paverslot Grate, 1 meter		39.37" (1000)	\$590.40	\$180.00	10.25	
TP100-PGC-13-SD-500	Class C Galvanized Paverslot Grate, 1/2 meter		19.69" (500)	\$354.25	\$216.00	5.23	
TP100-PGC-3-SD	Class C Stainless Steel Paverslot Grate, 1 meter		39.37" (1000)	\$1197.20	\$365.00	10.07	
TP100-PGC-3-SD-500	Class C Stainless Steel Paverslot Grate, 1/2 meter		19.69" (500)	\$718.50	\$438.11	5.06	
TP100-PGC-13-SD-MU-500	Class C Galvanized Maintenance Unit Paverslot, 1/2 meter		19.69" (500)	\$393.00	\$239.63	7.43	
TP100-PGC-3-SD-MU-500	Class C Stainless Steel Maintenance Unit Paverslot, 1/2 meter		19.69" (500)	\$740.50	\$451.52	7.43	
TP100-PGC-HPP	Class C Plastic Slotted Grate, 1/2 meter		19.69" (500)	\$185.32	\$113.00	2.35	
TP100-PGC-4	Class C Ductile Iron Slotted Grate, 1/2 meter		19.69" (500)	\$41.00	\$25.00	7.26	
TP100-PGC-4-HP	Class C Ductile Iron, Heelproof Slotted Grate, 1/2 meter		19.69" (500)	\$81.00	\$49.39	7.26	
TP100-PGC-4-WVY	Class C Ductile Iron, WAVE Grate, 1/2 meter		19.69" (500)	\$93.50	\$57.01	10.12	
TP100-PGC-4-BG	Class C Ductile Iron, Bavaria Grate, 1/2 meter		19.69" (500)	\$93.50	\$57.01	6.60	
TP100-SCC-4	Class C Ductile Iron Solid Cover, 1/2 meter		19.69" (500)	\$78.72	\$48.00	13.00	

LOAD CLASS E GRATES - EN 1433 - 134,800 LBS., 600kN, 2,785 P.S.I.

TP100-PGE-13-FS	Class E Galvanized Slotted Grate, 1 meter		39.37" (1000)	\$200.00	\$61.00	9.68	
TP100-PGE-13-FS-500	Class E Galvanized Slotted Grate, 1/2 meter		19.69" (500)	\$128.50	\$78.35	4.59	
TP100-PGE-3-FS	Class E Stainless Steel Slotted Grate, 1 meter		39.37" (1000)	\$640.50	\$195.27	9.32	
TP100-PGE-3-FS-500	Class E Stainless Steel Slotted Grate, 1/2 meter		19.69" (500)	\$384.50	\$234.45	4.62	
TP100-PGE-4	Class E Ductile Iron Slotted Grate, 1/2 meter		19.69" (500)	\$67.25	\$41.00	8.36	
TP100-PGE-4-13	Class E Galvanized Ductile Iron Slotted Grate, 1/2 meter		19.69" (500)	\$85.28	\$52.00	8.36	
TP100-PGE-4-HP	Class E Ductile Iron, Heelproof Slotted Grate, 1/2 meter		19.69" (500)	\$119.72	\$73.00	8.36	
TP100-PGE-4-ADA	Class E Ductile Iron, Longitudinal Grate, 1/2 meter		19.69" (500)	\$119.72	\$73.00	10.70	
TP100-PGE-4-ADA-13	Class E Galvanized Ductile Iron, Longitudinal Grate, 1/2 meter		19.69" (500)	\$180.40	\$110.00	10.70	



See page 12 for explanation of ADA compliant grates



See page 12 for explanation of Heelproof compliant grates

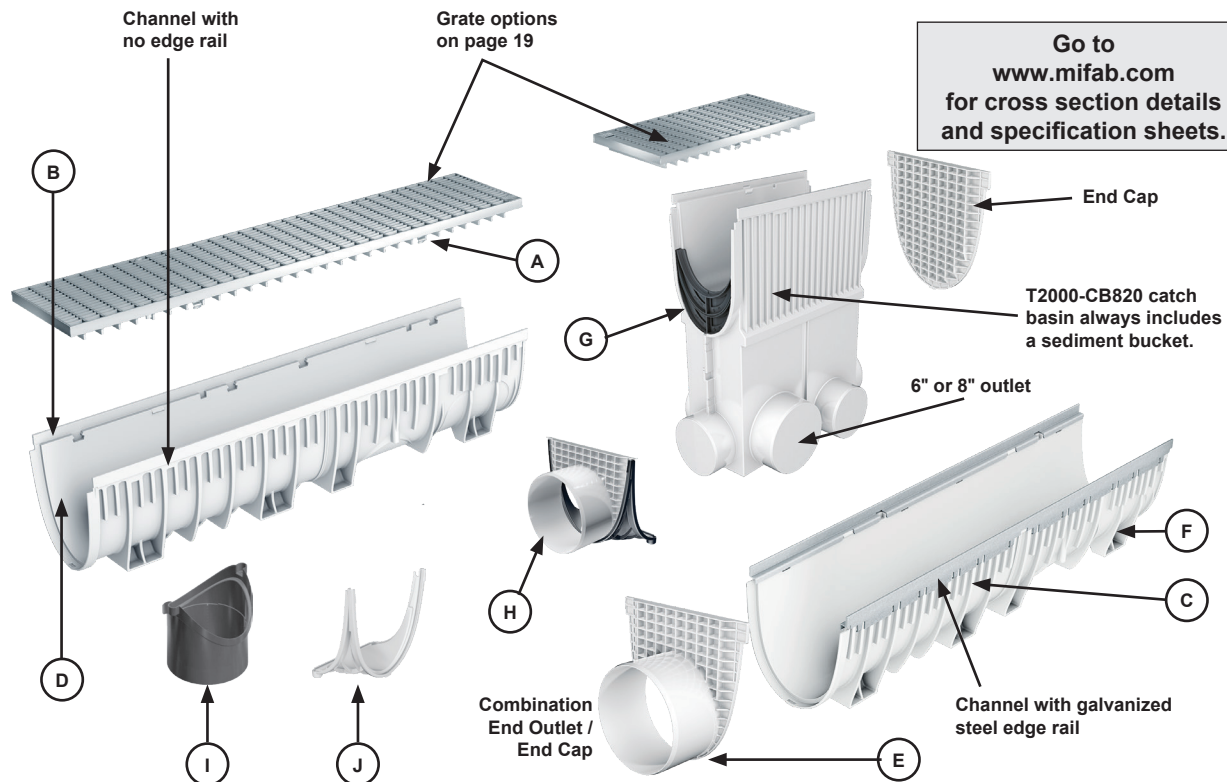
CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Visit www.mifab.com for the most recent product information. Design and dimensions are subject to modification. Prices do not include applicable taxes.

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sales@mifab.com Canada Toll Free: 1-800-387-3880

MIFAB®, Inc., 1321 West 119th Street, Chicago, Illinois 60643-5109, USA
All sales subject to MIFAB's Terms and Warranties, please refer to page no. 40.

T2000 System Components and Features



- A. Innovative CLIPFIX grate locking mechanism. Grates made of plastic, ductile iron, galvanized and stainless steel.
- B. GRP channels with no edge rails and also with 4mm thick galvanized steel edge rails as per EN 1433.
- C. High strength of the drainage channel body enables Load Class A 15kN to Load Class E 600kN.
- D. Optimized flow cross section promotes self cleaning.
- E. Combination end cap / end outlet for either end of the channels for all depths.
- F. Deep-seated anchorage bays in the drainage channel body ensures mechanical attachment to the concrete Installation device attachment point.
- G. Four filler plates, one end cap and one sediment bucket are provided with every catch basin. For T2000N channel, use four filler plates, two on each side. For T2010N channel, use one filler plate on each side.
- H. Side outlet connector.
- I. 4" No Hub Bottom outlet.
- J. Side channel connector.



ADA grates are designed to have open slots no greater than 0.5 inches (13mm) wide in one direction. If the length of the slot is greater than 0.5 inches, the opening shall run perpendicular to the main direction.



Heelproof grates are designed to resist entry of pointed high heel shoes from entering the trench drain grate opening. ASME Standard A112.6.3, Section 7.12 defines Heelproof as: "A grate designed to resist entry of high-heeled shoes, in which the maximum grate hole size in least dimension shall be 5/16" (8mm) (0.31").

CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

T2060 - 8" Internal Width - Shallow Channels

T2060 Shallow Channel



Go to www.mifab.com
for cross section details and
specification sheets.



**T2060N-BO4 - Channel
with integral 4" outlet**








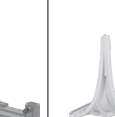


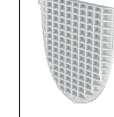
**T2000-CB820
Catch Basin**

NO EDGE RAILS		BODY TYPE	INVERT BODY DEPTH		OVERALL BODY DEPTH		MAXIMUM FLOW RATE GPM	WEIGHT (LESS GRATE) Lbs.
Channel Model #	List Price, Each (1 Meter long)		Min.	Max.	Min.	Max.		
T2060N-PB	\$678.00	Neutral	3.54"	3.54"	3.94"	3.94"	71.33	7.45
T2060N-PB-500 (1/2 Meter long)	\$310.00	Neutral	3.54"	3.54"	3.94"	3.94"	71.33	3.73
T2060N-PB-BO4	\$678.00	Neutral	3.54"	3.54"	3.94"	3.94"	71.33	7.45

Catch Basins For T2000 and T2060 Channels

NO EDGE RAILS		GALVANIZED STEEL INTEGRAL RAILS		BODY TYPE	INVERT DEPTH		OVERALL DEPTH		WEIGHT (LESS GRATE) Lbs.
Catch Basin Model #	List Price, Each (1/2 Meter long)	Catch Basin Model #	List Price, Each (1/2 Meter long)		Min.	Max.	Min.	Max.	
T2000-CB820	\$905.00	T2000-CB820-13	\$1,076.00	Neutral	29.50"	29.50"	30.30"	30.30"	82.75
T1800-CB820-SB	\$255.00	Replacement sediment bucket							

NOTE: The T2000-CB820 catch basin includes the sediment bucket, four filler plates and end cap. Recommended channel connections to the catch basin can be best achieved using channel numbers T2000, T2010 and T2020.

								
MI-FLEX-400, 600, 800	T2000-PBDS	T2000-PEO End Cap / Outlet - 4", 6" or 8"	T2000-PB06 Plastic Bottom Outlet - 6"	T2000-REB (Installation Device) Two devices provided with every channel	T2000-SIDE-CON Side channel connector	T2000-SO6 Side outlet connector and End Outlet assembled together = T2000-SO6	T2000-PEC End Cap	T2060-PEC Side channel connector End Cap for T1760N Channels

MODEL #	DESCRIPTION	MATERIAL	LIST PRICE	WEIGHT (Lbs.)
MI-FLEX-400	4" Flexible rubber coupling to connect 4" No Hub vertical and horizontal channel outlets to drainage pipe.	Rubber	\$16.00	0.50
MI-FLEX-600	6" Flexible rubber coupling to connect 6" No Hub vertical and horizontal channel outlets to drainage pipe.	Rubber	\$22.50	0.75
MI-FLEX-800	8" Flexible rubber coupling to connect 8" No Hub vertical and horizontal channel outlets to drainage pipe.	Rubber	\$30.00	0.75
T2000-PBDS	Bottom Outlet Strainer	Stainless Steel	\$97.00	0.20
T2000-PEO4, 6 or 8	4", 6" or 8" No Hub End inlet / outlet and combination front / end cap	Plastic	\$73.00	0.44
T2000-PB06	6" No Hub Bottom outlet	Plastic	\$73.00	0.50
T2000-REB	Replacement Installation Device	Plastic	\$43.00	0.22
T2000-SIDE-CON	Side Channel Connector	Plastic	\$140.00	0.60
T2000-SO6	Side Outlet Connector (T2000-SO6 and T2000-PEO)	Plastic	\$146.00	0.44
T2000-PEC	Closed End Cap	Plastic	\$73.00	0.30
T2060-PEC	Closed End Cap for T1760N-13 channels	Galvanized Steel	\$73.00	0.30

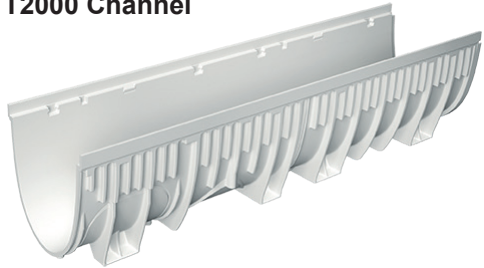
CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

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T2000 Channel



T2000-13 Channel



Go to www.mifab.com
for cross section details and
specification sheets.

NO EDGE RAILS		GALVANIZED STEEL INTEGRAL RAILS		BODY TYPE	INVERT BODY DEPTH		OVERALL BODY DEPTH		MAXIMUM FLOW RATE	WEIGHT (LESS GRATE)
Channel Model #	List Price, Each (1 Meter long)	Channel Model #	List Price, Each (1 Meter long)	Sloped - .5% Neutral - 0%	E1 Min.	E2 Max.	E1 Min.	E2 Max.	GPM	Lbs.
T2000N-PB	\$679.00	T2000N-PB-13	\$846.25	Neutral	8.74"	8.74"	9.53"	9.53"	320.18	13.23
T2000N-PB-500	\$407.50 (half meter long channel)	T2000N-PB-13-500	\$507.75 (half meter long channel)	Neutral	8.74"	8.74"	9.53"	9.53"	320.18	7.39
T2000N-PB-500-DC	\$407.50 (half meter long channel, direction change)	T2000N-PB-13-500-DC	\$507.75 (half meter long channel, direction change)	Neutral	8.74"	8.74"	9.53"	9.53"	320.18	7.39
T2001-PB	\$679.00	T2001-PB-13	\$846.25	Sloped	8.74"	8.93"	9.53"	9.73"	393.09	13.36
T2002-PB	\$679.00	T2002-PB-13	\$846.25	Sloped	8.93"	9.13"	9.73"	9.93"	393.09	13.52
T2003-PB	\$679.00	T2003-PB-13	\$846.25	Sloped	9.13"	9.33"	9.93"	10.12"	393.09	13.69
T2004-PB	\$679.00	T2004-PB-13	\$846.25	Sloped	9.33"	9.53"	10.12"	10.32"	393.09	13.86
T2005-PB	\$679.00	T2005-PB-13	\$846.25	Sloped	9.53"	9.72"	10.32"	10.52"	393.09	14.03
T2006-PB	\$679.00	T2006-PB-13	\$846.25	Sloped	9.72"	9.92"	10.52"	10.71"	393.09	14.19
T2007-PB	\$679.00	T2007-PB-13	\$846.25	Sloped	9.92"	10.12"	10.71"	10.91"	393.09	14.36
T2008-PB	\$679.00	T2008-PB-13	\$846.25	Sloped	10.12"	10.31"	10.91"	11.11"	393.09	14.53
T2009-PB	\$679.00	T2009-PB-13	\$846.25	Sloped	10.31"	10.51"	11.11"	11.30"	393.09	14.70
T2010-PB	\$679.00	T2010-PB-13	\$846.25	Sloped	10.51"	10.71"	11.30"	11.50"	393.09	14.86
T2010N-PB	\$679.00	T2010N-PB-13	\$846.25	Neutral	10.71"	10.71"	11.50"	11.50"	469.17	15.65
T2010N-PB-500	\$407.50 (half meter long channel)	T2010N-PB-13-500	\$507.75 (half meter long channel)	Neutral	10.71"	10.71"	11.50"	11.50"	469.17	7.83
T2010N-PB-500-DC	\$407.50 (half meter long channel, direction change)	T2010N-PB-13-500-DC	\$507.75 (half meter long channel, direction change)	Neutral	10.71"	10.71"	11.50"	11.50"	469.17	7.83
T2011-PB	\$679.00	T2011-PB-13	\$846.25	Sloped	10.71"	10.90"	11.50"	11.70"	546.84	15.03
T2012-PB	\$679.00	T2012-PB-13	\$846.25	Sloped	10.90"	11.10"	11.70"	11.89"	546.84	15.20
T2013-PB	\$679.00	T2013-PB-13	\$846.25	Sloped	11.10"	11.30"	11.89"	12.09"	546.84	15.37
T2014-PB	\$679.00	T2014-PB-13	\$846.25	Sloped	11.30"	11.49"	12.09"	12.29"	546.84	15.53
T2015-PB	\$679.00	T2015-PB-13	\$846.25	Sloped	11.49"	11.69"	12.29"	12.49"	546.84	15.70
T2016-PB	\$679.00	T2016-PB-13	\$846.25	Sloped	11.69"	11.89"	12.49"	12.68"	546.84	15.87
T2017-PB	\$679.00	T2017-PB-13	\$846.25	Sloped	11.89"	12.08"	12.68"	12.88"	546.84	16.04
T2018-PB	\$679.00	T2018-PB-13	\$846.25	Sloped	12.08"	12.28"	12.88"	13.08"	546.84	16.20
T2019-PB	\$679.00	T2019-PB-13	\$846.25	Sloped	12.28"	12.48"	13.08"	13.27"	546.84	16.37
T2020-PB	\$679.00	T2020-PB-13	\$846.25	Sloped	12.48"	12.67"	13.27"	13.47"	546.84	16.54
T2020N-PB	\$679.00	T2020N-PB-13	\$846.25	Neutral	12.67"	12.67"	13.47"	13.47"	595.97	17.50
T2020N-PB-500	\$407.50 (half meter long channel)	T2020N-PB-13-500	\$507.75 (half meter long channel)	Neutral	12.67"	12.67"	13.47"	13.47"	595.97	8.75
T2020N-PB-500-DC	\$407.50 (half meter long channel, direction change)	T2020N-PB-13-500-DC	\$507.75 (half meter long channel, direction change)	Neutral	12.67"	12.67"	13.47"	13.47"	595.97	8.75

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LOAD CLASS A GRATES - EN 1433 - 3,372 LBS., 15kN, 70 P.S.I.

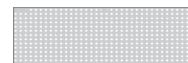
Grate Part #	Description	Length (MM)	List Price	List Price (Per Foot)	Weight (Lbs.)
TP200-PGA-13-GM	Class A Galvanized Mesh Grate, 1 meter	39.37" (1000)	\$294.25	\$89.71	13.13
TP200-PGA-13-GM-500	Class A Galvanized Mesh Grate, 1/2 meter	19.69" (500)	\$203.50	\$124.09	6.82
TP200-PGA-3-SM	Class A Stainless Steel Mesh Grate, 1 meter	39.37" (1000)	\$1,683.75	\$513.34	13.13
TP200-PGA-3-SM-500	Class A Stainless Steel Mesh Grate, 1/2 meter	19.69" (500)	\$1,001.50	\$610.67	6.82


LOAD CLASS B GRATES - EN 1433 - 28,100 LBS., 125kN, 580 P.S.I.

TP200-PGB-13-LS	Class B Galvanized Longitudinal Grate, 1 meter	39.37" (1000)	\$331.70	\$101.13	16.02
TP200-PGB-13-LS-500	Class B Galvanized Longitudinal Grate, 1/2 meter	19.69" (500)	\$215.75	\$131.55	8.38
TP200-PGB-3-LS	Class B Stainless Longitudinal Grate, 1 meter	39.37" (1000)	\$1,683.75	\$513.34	16.32
TP200-PGB-3-LS-500	Class B Stainless Longitudinal Grate, 1/2 meter	19.69" (500)	\$1,001.50	\$610.67	8.31


LOAD CLASS C GRATES - EN 1433 - 56,200 LBS., 250kN, 1,160 P.S.I.

TP200-PGC-13-FP	Class C Galvanized Perforated Grate, 1 meter	39.37" (1000)	\$902.00	\$275.00	24.33
TP200-PGC-13-FP-500	Class C Galvanized Perforated Grate, 1/2 meter	19.69" (500)	\$635.00	\$387.20	11.66
TP200-PGC-3-FP	Class C Stainless Steel Perforated Grate, 1 meter	39.37" (1000)	\$1,567.85	\$478.00	24.33
TP200-PGC-3-FP-500	Class C Stainless Steel Perforated Grate, 1/2 meter	19.69" (500)	\$1,098.00	\$669.51	11.66



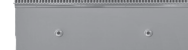
TP200-PGC-13-GM	Class C Galvanized Mesh Grate, 1 meter	39.37" (1000)	\$662.00	\$201.83	24.33
TP200-PGC-13-GM-500	Class C Galvanized Mesh Grate, 1/2 meter	19.69" (500)	\$382.75	\$233.38	11.66
TP200-PGC-3-SM	Class C Stainless Steel Mesh Grate, 1 meter	39.37" (1000)	\$2,070.00	\$631.10	24.33
TP200-PGC-3-SM-500	Class C Stainless Steel Mesh Grate, 1/2 meter	19.69" (500)	\$1,334.00	\$813.41	11.66



TP200-PGC-3-SBG	Class C Stainless Steel Bar Grate, 1 meter	39.37" (1000)	\$1,876.16	\$572.00	26.25
TP200-PGC-3-SBG-500	Class C Stainless Steel Bar Grate, 1/2 meter	19.69" (500)	\$1,314.00	\$801.22	14.50



TP200-PGC-13-SD	Class C Galvanized Paverslot Grate, 1 meter	39.37" (1000)	\$457.50	\$139.48	47.08
TP200-PGC-13-SD-500	Class C Galvanized Paverslot Grate, 1/2 meter	19.69" (500)	\$358.00	\$218.29	23.54



TP200-PGC-3-SD	Class C Stainless Steel Paverslot Grate, 1 meter	39.37" (1000)	\$939.50	\$286.43	47.08
TP200-PGC-3-SD-500	Class C Stainless Steel Paverslot Grate, 1/2 meter	19.69" (500)	\$673.75	\$410.82	23.54



TP200-PGC-13-MU-500	Class C Galvanized Maintenance Unit Paverslot, 1/2 meter	19.69" (500)	\$724.00	\$441.46	43.78
TP200-PGC-3-MU-500	Class C Stainless Steel Maintenance Unit Paverslot, 1/2 meter	19.69" (500)	\$1,136.00	\$692.68	43.78



TP200-PGC-4	Class C Ductile Iron Slotted Grate, 1/2 meter	19.69" (500)	\$98.40	\$60.00	13.79
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TP200-PGC-4-HP	Class C Ductile Iron, Heelproof Slotted Grate, 1/2 meter	19.69" (500)	\$195.15	\$119.00	13.79
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TP200-PGC-4-WVY	Class C Ductile Iron, WAVE Grate, 1/2 meter	19.69" (500)	\$195.15	\$119.00	13.86
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TP200-PGC-4-BG	Class C Ductile Iron, Bavaria Grate, 1/2 meter	19.69" (500)	\$195.15	\$119.00	13.64
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LOAD CLASS E GRATES - EN 1433 - 134,800 LBS., 600kN, 2,785 P.S.I.

TP200-PGE-4	Class E Ductile Iron Slotted Grate, 1/2 meter	19.69" (500)	\$167.28	\$102.00	19.25
TP200-PGE-4-13	Class E Galvanized Ductile Iron Slotted Grate, 1/2 meter	19.69" (500)	\$242.72	\$148.00	19.25



TP200-PGE-4-HP	Class E Ductile Iron, Heelproof Slotted Grate, 1/2 meter	19.69" (500)	\$242.72	\$148.00	13.79
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TP200-PGE-4-ADA	Class E Ductile Iron, Longitudinal Grate, 1/2 meter	19.69" (500)	\$242.72	\$148.00	21.25
TP200-PGE-4-ADA-13	Class E Galvanized Ductile Iron, Longitudinal Grate, 1/2 meter	19.69" (500)	\$406.72	\$248.00	21.25



See page 16 for explanation of ADA compliant grates



See page 16 for explanation of Heelproof compliant grates

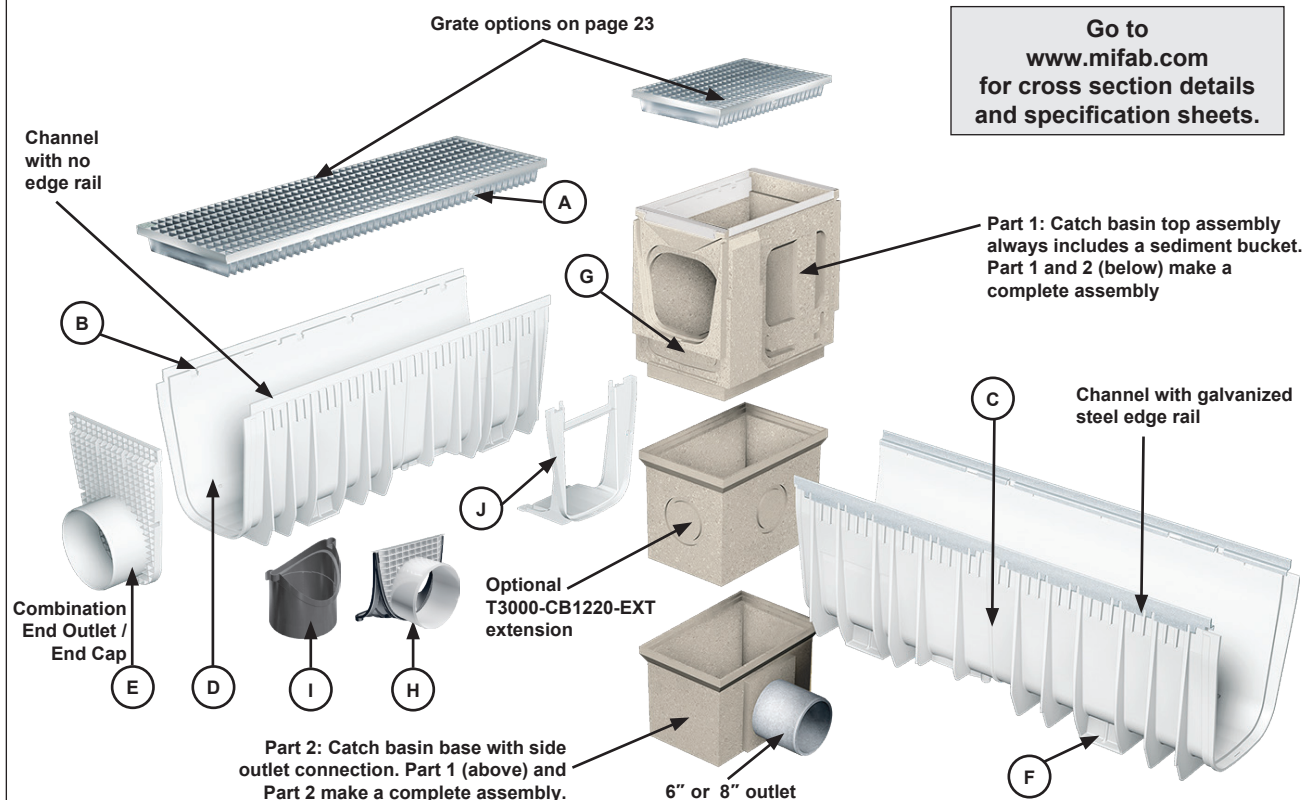
CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

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T3000 System Components and Feature



- A. Innovative CLIPFIX grate locking mechanism. Grates made of plastic, ductile iron, galvanized and stainless steel.
- B. GRP channels with no edge rails and also with 4mm thick galvanized steel edge rails as per EN 1433.
- C. High strength of the drainage channel body enables Load Class A 15kN to Load Class E 600kN.
- D. Optimized flow cross section promotes self cleaning.
- E. Combination end cap / end outlet for either end of the channels for all depths.
- F. Deep-seated anchorage bays in the drainage channel body ensures mechanical attachment to the concrete Installation device attachment point.
- G. Catch basin top assembly to connect to channel.
- H. Side outlet connector.
- I. 4" No Hub Bottom outlet.
- J. Side channel connector.



ADA grates are designed to have open slots no greater than 0.5 inches (13mm) wide in one direction. If the length of the slot is greater than 0.5 inches, the opening shall run perpendicular to the main direction.



Heelproof grates are designed to resist entry of pointed high heel shoes from entering the trench drain grate opening. ASME Standard A112.6.3, Section 7.12 defines Heelproof as: "A grate designed to resist entry of high-heeled shoes, in which the maximum grate hole size in least dimension shall be 5/16" (8mm) (0.31").

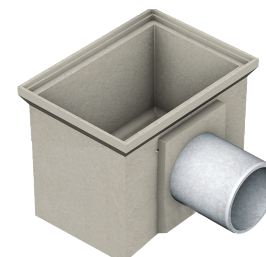
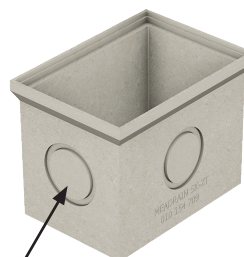
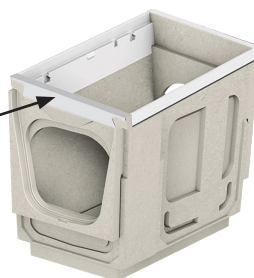
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Catch Basins for T3000 Channels

T3000-CB1220 Catch Basin

Edge rails available in
GRP and galvanized
steel




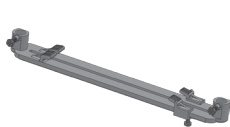


Go to www.mifab.com
for cross section details and
specification sheets.



Optional T3000-CB1220-EXT extension

GRP EDGE RAILS		GALVANIZED STEEL INTEGRAL RAILS		INVERT DEPTH		OVERALL DEPTH		WEIGHT (LESS GRATE)
Catch Basin Model #	List Price, Each (1/2 Meter long)	Catch Basin Model #	List Price, Each (1/2 Meter long)	Min.	Max.	Min.	Max.	Lbs.
T3000-CB1220-SO6	\$1,220.00	T3000-CB1220-13-SO6	\$1,475.00	33.85"	33.85"	34.45"	34.45"	152.03
T3000-CB1220-SO8	\$1,220.00	T3000-CB1220-13-SO8	\$1,475.00	33.85"	33.85"	34.45"	34.45"	152.03
T3000-CB1220-EXT	\$708.00	Optional extension piece to install between base & top assembly for deeper inverts.		-	-	14.75"	14.75"	48.50
T3000-CB1220-SB	\$336.00	Replacement sediment bucket.						

NOTE: The T3000-CB1220 catch basin includes the base, top assembly and sediment bucket.

						
MI-FLEX-400, 600, 800	T3000-PBDS	T3000-PEO Plastic End Cap / Outlet - 6", 8" or 10"	T3000-PB06 Plastic Bottom Outlet - 6"	T3000-REB (Installation Device) Two devices provided with every channel	T3000-SO6 Side outlet connector & End Outlet assembled together = T3000-SO6	T3000-SIDE-CON Side channel connector

MODEL #	DESCRIPTION	MATERIAL	LIST PRICE	WEIGHT (Lbs.)
MI-FLEX-600	6" Flexible rubber coupling to connect 6" No Hub vertical and horizontal channel outlets to drainage pipe.	Rubber	\$22.50	0.75
MI-FLEX-800	8" Flexible rubber coupling to connect 8" No Hub vertical and horizontal channel outlets to drainage pipe.	Rubber	\$30.00	0.75
MI-FLEX-1000	10" Flexible rubber coupling to connect 10" No Hub vertical and horizontal channel outlets to drainage pipe.	Rubber	\$53.50	1.00
T3000-PBDS	Bottom Outlet Strainer	Stainless Steel	\$295.00	0.20
T3000-PEO6 or 8	6" or 8" No Hub End inlet / outlet and combination front / end cap	Plastic	\$255.00	3.80
T3000-PEO10	10" No Hub End inlet / outlet and combination front / end cap	Plastic	\$499.00	0.80
T3000-PB06	6" No Hub Bottom outlet	Plastic	\$255.00	0.80
T3000-REB	Replacement Installation Device	Galvanized Steel	\$50.00	7.50
T3000-SO6	Side Outlet Connector	Plastic	\$150.00	1.25
T3000-SIDE-CON	Side Channel Connector	Plastic	\$150.00	1.00

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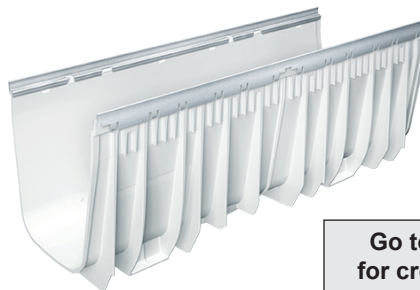
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T3000 GRP Channels

**T3000
Channel**


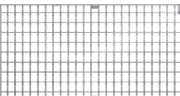





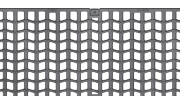
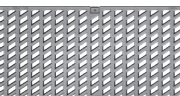
**T3000-13
Channel**


Go to www.mifab.com
for cross section details
and specification sheets.








NO EDGE RAILS		GALVANIZED STEEL INTEGRAL RAILS		BODY TYPE	INVERT BODY DEPTH		OVERALL BODY DEPTH		MAXIMUM FLOW RATE	WEIGHT (LESS GRATE)
Channel Model #	List Price, Each (1 Meter long)	Channel Model #	List Price, Each (1 Meter long)	Neutral - 0%	E1 Min.	E2 Max.	E1 Min.	E2 Max.	GPM	Lbs.
T3000N-PB	\$792.00	T3000N-PB-13	\$843.00	Neutral	14.17"	14.17"	15.63"	15.63"	1119.03	26.01
T3000N-PB-500	\$475.00 (half meter long channel)	T3000N-PB-500-13	\$506.00 (half meter long channel)	Neutral	14.17"	14.17"	15.63"	15.63"	1119.03	15.12
T3000N-PB-500-DC	\$475.00 (half meter long channel, direction change)	T3000N-PB-500-DC-13	\$506.00 (half meter long channel, direction change)	Neutral	14.17"	14.17"	15.63"	15.63"	1119.03	15.12

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LOAD CLASS C GRATES - EN 1433 - 56,200 LBS., 250kN, 967 P.S.I.

Grate Part #	Description		Length (MM)	List Price	List Price (Per Foot)	Weight (Lbs.)	
TP300-PGC-13-GM	Class C Galvanized Mesh Grate, 1 meter		39.37" (1000)	\$1,265.50	\$385.82	68.53	
TP300-PGC-13-GM-500	Class C Galvanized Mesh Grate, 1/2 meter		19.69" (500)	\$607.25	\$370.27	36.82	
TP300-PGC-3-SM	Class C Stainless Steel Mesh Grate, 1 meter		39.37" (1000)	\$2,675.00	\$815.55	68.53	
TP300-PGC-3-SM-500	Class C Stainless Steel Mesh Grate, 1/2 meter		19.69" (500)	\$2,110.00	\$1,286.59	36.82	
TP300-PGC-3-SBG	Class C Stainless Steel Bar Grate, 1 meter		39.37" (1000)	\$2,299.30	\$701.00	62.25	
TP300-PGC-3-SBG-500	Class C Stainless Steel Bar Grate, 1/2 meter		19.69" (500)	\$1,477.00	\$900.61	34.00	
TP300-PGC-4	Class C Ductile Iron Slotted Grate, 1/2 meter		19.69" (500)	\$123.00	\$75.00	29.23	
TP300-PGC-4-HP	Class C Ductile Iron, Heelproof Slotted Grate, 1/2 meter		19.69" (500)	\$202.70	\$123.60	29.23	
TP300-PGC-4-WVY	Class C Ductile Iron, WAVE Grate, 1/2 meter		19.69" (500)	\$374.50	\$228.35	34.10	
TP300-PGC-4-BG	Class C Ductile Iron, Bavaria Grate, 1/2 meter		19.69" (500)	\$342.50	\$208.84	32.50	

LOAD CLASS E GRATES - EN 1433 - 134,800 LBS., 600kN, 2,321 P.S.I.

TP300-PGE-4	Class E Ductile Iron Slotted Grate, 1/2 meter		19.69" (500)	\$410.00	\$250.00	42.02	
TP300-PGE-4-13	Class E Galvanized Ductile Iron Slotted Grate, 1/2 meter		19.69" (500)	\$492.00	\$300.00	42.02	
TP300-PGE-4-HP	Class E Ductile Iron, Heelproof Slotted Grate, 1/2 meter		19.69" (500)	\$410.00	\$250.00	42.02	
TP300-PGE-4-ADA	Class E Ductile Iron, Longitudinal Slotted Grate, 1/2 meter		19.69" (500)	\$410.00	\$250.00	63.80	
TP300-PGE-4-ADA-13	Class E Galvanized Ductile Iron, Longitudinal Slotted Grate, 1/2 meter		19.69" (500)	\$492.00	\$300.00	63.80	
TP300-SCE-4	Class E Ductile Iron Solid Cover, 1/2 meter		19.69" (500)	\$337.85	\$206.00	66.00	



See page 20 for explanation of ADA compliant grates



See page 20 for explanation of Heelproof compliant grates

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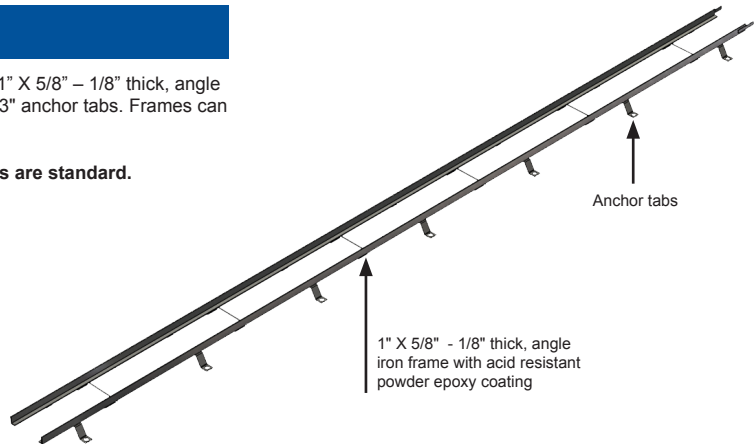
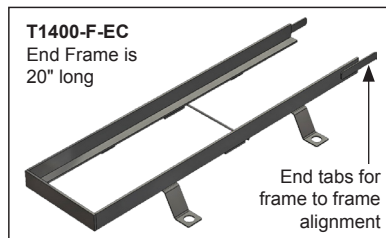
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T1400-F - 4" Internal Width, Frame

SPECIFICATION: MIFAB® Series T1400-F, 4" internal width 1" X 5/8" – 1/8" thick, angle iron frame with acid resistant powder epoxy coating and 1" X 3" anchor tabs. Frames can accommodate all ClipFix self locking grates.

Note: Must order in 20" long increments. 10' long sections are standard.



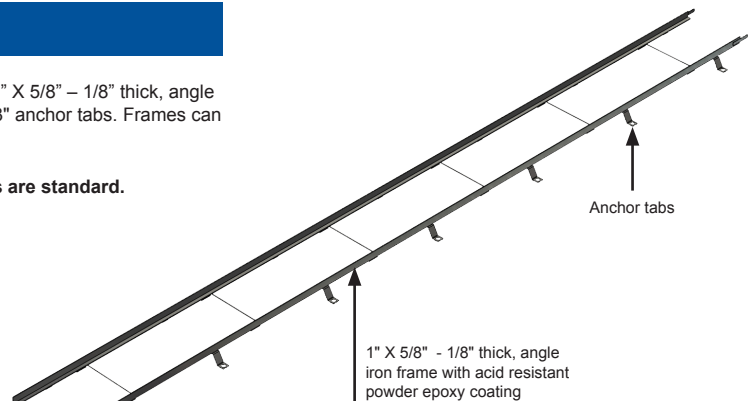
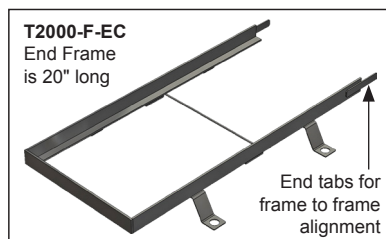
Model Number	Description	List Price
T1400-F	4" internal width, powder epoxy coated steel frame	\$125.00 / Foot
T1400-F-13	4" internal width, galvanized steel frame	\$213.00 / Foot
T1400-F-EC	4" internal width, powder epoxy coated steel end frame, with two securing screws	\$50.00, each
T1400-F-EC-13	4" internal width, galvanized steel end frame, with two securing screws	\$80.00, each

Note: Must order in 20" long increments. 10' long sections are standard.

T2000-F - 8" Internal Width, Frame

SPECIFICATION: MIFAB® Series T2000-F, 8" internal width 1" X 5/8" – 1/8" thick, angle iron frame with acid resistant powder epoxy coating and 1" X 3" anchor tabs. Frames can accommodate all ClipFix self locking grates.

Note: Must order in 20" long increments. 10' long sections are standard.

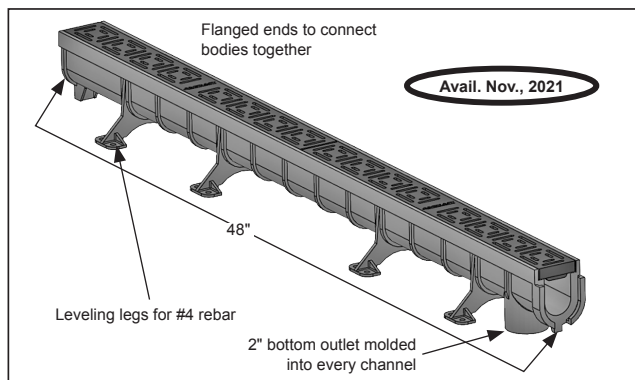


Model Number	Description	List Price
T2000-F	8" internal width, powder epoxy coated steel frame	\$215.00 / Foot
T2000-F-13	8" internal width, galvanized steel frame	\$266.00 / Foot
T2000-F-EC	8" internal width, powder epoxy coated steel end frame, with two securing screws	\$90.00, each
T2000-F-EC-13	8" internal width, galvanized steel end frame, with two securing screws	\$120.00, each

Note: Must order in 20" long increments. 10' long sections are standard.

Note: Custom designs are available. Contact MIFAB®

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SPECIFICATION:

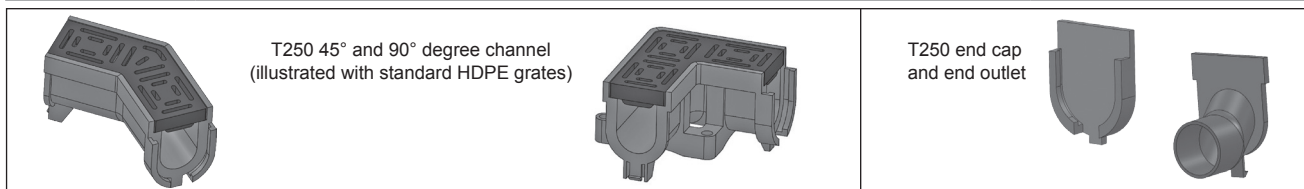
MIFAB® Series T250, 2" Internal width, 3" deep, 48" long, non sloped channel with HDPE grate. Channel is manufactured from gray UV-10 stabilized High Density Polyethylene (H.D.P.E.). Each channel has leveling legs for #4 rebar tie down and leveling. Channels have interlocking ends to connect to each other. 2" bottom outlet molded into every channel. 2" end outlets and end caps are available.

MODEL NUMBER	Description	List Price, Per Foot
T250	2" internal width, High Density Polyethylene (H.D.P.E.). channel with HDPE grate	\$45.00

"MIFAB has excellent trench drain product backed up by better customer service." — Randy Lowe, Owner, Randall Lowe Plumbing, Atlanta, GA

Grates		
Order Guide Suffix	Description	List Price, Per Foot, Add
PGA-SSDA	Stainless Steel, Decorative grate - Class A, 40" long	\$295.00
PGA-SSWG	Stainless Steel, Wedgewire grate - Class A, 40" long	\$380.00
End Caps / Outlets / Accessories		
Order Guide Suffix	Description	List Price, Each
-PEC	Closed end cap	\$12.00
-PEO2	2" no hub end outlet	\$12.00
MI-FLEX-200	2" Flexible rubber coupling to connect 2" No Hub end outlet to drainage pipe	\$12.00

45° and 90° Degree Fabrications		
Order Guide Suffix	Description	List Price, Each
-PB-45	45° Degree Channel Section with Channel Section with HDPE grate, Class A	\$53.00
-PB-90	90° Degree Channel Section with Channel Section with HDPE grate, Class A	\$53.00
-PB-45-SSDA	45° Degree Channel Section with Stainless Steel, Decorative grate, Class A	\$131.00
-PB-90-SSDA	90° Degree Channel Section with Stainless Steel, Decorative grate, Class A	\$131.00
-PB-45-SSWG	45° Degree Channel Section with Stainless Steel, Wedgewire grate, Class A	\$258.00
-PB-90-SSWG	90° Degree Channel Section with Stainless Steel, Wedgewire grate, Class A	\$258.00



Grates for T250 Trench Drain System



T250-PG-SSDA



T250-PG-SSWG



T250-PG-HP

Grate Part Number	Suffix	Description	Material	Weight (lbs./ft.)	Length	Free Area (sq. in. per ft.)	Slot Width / Hole Size	ADA	Load Ratings			
									DIN	ANSI	H-20	FAA
T250-HP	-HP	Heel Proof	H.D.P.E.	0.70	Per Spec	9.00	0.25"	Yes	A	Light Duty	No	No
T250-PG-SSDA	-SSDA	Decorative	Stainless Steel	1.30	Per Spec	11.00	0.25"	Yes	A	Light Duty	No	No
T250-PG-SSWG	-SSWG	Stainless Steel Wire Grate	Stainless Steel	1.25	Per Spec	18.00	0.25"	Yes	A	Light Duty	No	No

Note: Custom grate designs are available. Contact MIFAB®

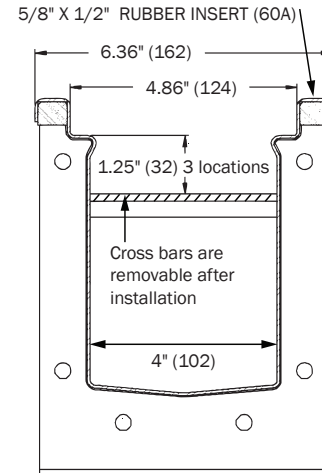
Go to www.mifab.com for the T250 Cross Section detail & specification sheet

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ACCESSORIES

		LIST PRICE (ADD)
-6	Vandal Proof grates (center lockdown)	\$12.00
-7MG	MI-GARD Trap Seal Protection device (3" or 4")	\$84.00
-20	Bottom outlet strainer	\$362.00
-45	45° Degree fabricated body (T1330-45)	\$1,000.00
-90	90° Degree fabricated body (T1330-90)	\$1,500.00
-TEE	Tee fabricated body	\$2,000.00
-C	Membrane Clamp (includes anchor flange)	\$218.00 / foot
-CB	Catch Basin (Part # P6060-CB620) (1/2 meter long, w/sediment bucket, transition plates and hardware kit)	\$2,350.00
-CF	Cross fabricated body	\$2,000.00
-EC	Closed End Cap (T1330-PEC)	\$200.00
-EO	3" or 4" No Hub End Outlet (T1330-PE03, T1330-PE04)	\$200.00
-FL	Anchor (waterproofing) flange	\$132.00 / foot
MI-FLEX-300	3" Flexible rubber coupling to connect 3" No Hub vertical and horizontal channel outlets to drainage pipe	\$14.00
MI-FLEX-400	4" Flexible rubber coupling to connect 4" No Hub vertical and horizontal channel outlets to drainage pipe	\$16.00

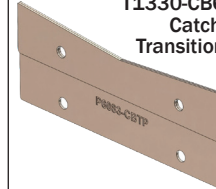
SPECIFICATION:

MIFAB® Series T1330, 4" internal width, 16 gauge fabricated, powder epoxy coated steel presloped trench drain (1%) with optional grates (see page 27). Channels are available in one and two meter lengths, have flanged ends to connect to each other with a neoprene gasket. Bottom and end outlets are available in 3" or 4" no hub outlet connections. Also available with optional anchor flange (Suffix -FL).

T1330-CB620
Catch Basin
Channels 1, 3
and 5 to connect
to Catch Basin.



T1330-CB620-TP
Catch Basin
Transition Plate



T1360-HDW - Universal gasket for between channels, end caps and end outlets with hardware included with every channel, end cap / end outlet ordered

CHANNEL#	LENGTH	Shallow Invert	Deep Invert	List Price / Ea. Channel	List Price / Foot
T1331	78.74" (2m)	4"	4.78"	\$2,155.00	\$328.50
T1331N	78.74" (2m)	4.78"	4.78"	\$2,155.00	\$328.50
T1331N-B03	78.74" (2m) (w/3" BO)	4.78"	4.78"	\$2,155.00	\$328.50
T1331N-B04	78.74" (2m) (w/4" BO)	4.78"	4.78"	\$2,155.00	\$328.50
T1331N-1M	39.37" (1m)	4.78"	4.78"	\$1,077.50	\$328.50
T1332	78.74" (2m)	4.78"	5.56"	\$2,155.00	\$328.50
T1333	78.74" (2m)	5.56"	6.34"	\$2,155.00	\$328.50
T1333N	78.74" (2m)	6.34"	6.34"	\$2,155.00	\$328.50
T1333N-B03	78.74" (2m) (w/3" BO)	6.34"	6.34"	\$2,155.00	\$328.50
T1333N-B04	78.74" (2m) (w/4" BO)	6.34"	6.34"	\$2,155.00	\$328.50
T1333N-1M	39.37" (1m)	6.34"	6.34"	\$1,077.50	\$328.50
T1334	78.74" (2m)	6.34"	7.12"	\$2,155.00	\$328.50
T1335	78.74" (2m)	7.12"	7.9"	\$2,155.00	\$328.50
T1335N	78.74" (2m)	7.9"	7.9"	\$2,155.00	\$328.50
T1335N-B03	78.74" (2m) (w/3" BO)	7.9"	7.9"	\$2,155.00	\$328.50
T1335N-B04	78.74" (2m) (w/4" BO)	7.9"	7.9"	\$2,155.00	\$328.50
T1335N-1M	39.37" (1m)	7.9"	7.9"	\$1,077.50	\$328.50







NOTE: Flow rate information per channel section is available on the www.mifab.com website

NOTE: Custom widths, depths, slopes and profiles available upon request. Contact MIFAB®.

Note: The neoprene gasket used to connect long runs of trench drain bodies is not recommended for use with caustic or harsh chemicals. In these cases, it is recommended that the trench drain sections be welded on site.

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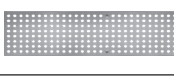














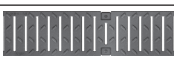




LOAD CLASS A GRATES - EN 1433 - 3,372 LBS., 15kN, 70 P.S.I.

Grate Part #	Description		Length (MM)	List Price	List Price (Per Foot)	Weight (Lbs.)	
TP100-PGA-13-FP	Class A Galvanized Perforated Grate, 1 meter		39.37" (1000)	\$32.80	\$10.00	3.85	
TP100-PGA-13-FP-500	Class A Galvanized Perforated Grate, 1/2 meter		19.69" (500)	\$19.70	\$32.31	2.09	
TP100-PGA-3-FP	Class A Stainless Steel Perforated Grate, 1 meter		39.37" (1000)	\$200.00	\$60.98	3.85	
TP100-PGA-3-FP-500	Class A Stainless Steel Perforated Grate, 1/2 meter		19.69" (500)	\$120.00	\$73.17	2.09	
TP100-PGA-13-FS	Class A Galvanized Slotted Grate, 1 meter		39.37" (1000)	\$32.80	\$10.00	3.08	
TP100-PGA-13-FS-500	Class A Galvanized Slotted Grate, 1/2 meter		19.69" (500)	\$19.70	\$32.31	2.86	
TP100-PGA-3-FS	Class A Stainless Steel Slotted Grate, 1 meter		39.37" (1000)	\$200.00	\$60.98	3.12	
TP100-PGA-3-FS-500	Class A Stainless Steel Slotted Grate, 1/2 meter		19.69" (500)	\$120.00	\$73.17	2.42	
TP100-PGA-3-SM	Class A Stainless Steel Mesh Grate, 1 meter		39.37" (1000)	\$297.00	\$90.55	5.72	
TP100-PGA-3-SM-500	Class A Stainless Steel Mesh Grate, 1/2 meter		19.69" (500)	\$170.50	\$103.96	3.08	








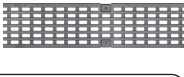
LOAD CLASS B GRATES - EN 1433 - 28,100 LBS., 125kN, 580 P.S.I.

TP100-PGB-13-LS	Class B Galvanized Longitudinal Grate, 1 meter		39.37" (1000)	\$146.75	\$44.74	8.80	
TP100-PGB-13-LS-500	Class B Galvanized Longitudinal Grate, 1/2 meter		19.69" (500)	\$81.50	\$49.70	4.37	
TP100-PGB-3-LS	Class B Stainless Steel Longitudinal Grate, 1 meter		39.37" (1000)	\$1014.50	\$309.30	8.80	
TP100-PGB-3-LS-500	Class B Stainless Steel Longitudinal Grate, 1/2 meter		19.69" (500)	\$718.50	\$438.11	4.37	

LOAD CLASS C GRATES - EN 1433 - 56,200 LBS., 250kN, 1,160 P.S.I.

TP100-PGC-13-FP	Class C Galvanized Perforated Grate, 1 meter		39.37" (1000)	\$141.00	\$42.99	9.04	
TP100-PGC-13-FP-500	Class C Galvanized Perforated Grate, 1/2 meter		19.69" (500)	\$84.60	\$51.59	4.51	
TP100-PGC-3-FP	Class C Stainless Steel Perforated Grate, 1 meter		39.37" (1000)	\$475.60	\$145.00	9.04	
TP100-PGC-3-FP-500	Class C Stainless Steel Perforated Grate, 1/2 meter		19.69" (500)	\$285.35	\$173.99	4.51	
TP100-PGC-13-FS	Class C Galvanized Slotted Grate, 1 meter		39.37" (1000)	\$141.00	\$42.99	9.68	
TP100-PGC-13-FS-500	Class C Galvanized Slotted Grate, 1/2 meter		19.69" (500)	\$84.60	\$51.59	4.59	
TP100-PGC-3-FS	Class C Stainless Steel Slotted Grate, 1 meter		39.37" (1000)	\$475.60	\$145.00	9.32	
TP100-PGC-3-FS-500	Class C Stainless Steel Slotted Grate, 1/2 meter		19.69" (500)	\$285.35	\$173.99	4.62	
TP100-PGC-13-GM	Class C Galvanized Mesh Grate, 1 meter		39.37" (1000)	\$183.00	\$55.79	11.50	
TP100-PGC-13-GM-500	Class C Galvanized Mesh Grate, 1/2 meter		19.69" (500)	\$143.50	\$87.50	5.80	
TP100-PGC-3-SM	Class C Stainless Steel Mesh Grate, 1 meter		39.37" (1000)	\$773.25	\$235.75	11.50	
TP100-PGC-3-SM-500	Class C Stainless Steel Mesh Grate, 1/2 meter		19.69" (500)	\$556.00	\$339.02	5.80	
TP100-PGC-13-SD	Class C Galvanized Paverslot Grate, 1 meter		39.37" (1000)	\$590.40	\$180.00	10.25	
TP100-PGC-13-SD-500	Class C Galvanized Paverslot Grate, 1/2 meter		19.69" (500)	\$354.25	\$216.00	5.23	
TP100-PGC-3-SD	Class C Stainless Steel Paverslot Grate, 1 meter		39.37" (1000)	\$1197.20	\$365.00	10.07	
TP100-PGC-3-SD-500	Class C Stainless Steel Paverslot Grate, 1/2 meter		19.69" (500)	\$718.50	\$438.11	5.06	
TP100-PGC-13-SD-MU-500	Class C Galvanized Maintenance Unit Paverslot, 1/2 meter		19.69" (500)	\$393.00	\$239.63	7.43	
TP100-PGC-3-SD-MU-500	Class C Stainless Steel Maintenance Unit Paverslot, 1/2 meter		19.69" (500)	\$740.50	\$451.52	7.43	
TP100-PGC-HPP	Class C Plastic Slotted Grate, 1/2 meter		19.69" (500)	\$185.32	\$113.00	2.35	
TP100-PGC-4	Class C Ductile Iron Slotted Grate, 1/2 meter		19.69" (500)	\$41.00	\$25.00	7.26	
TP100-PGC-4-HP	Class C Ductile Iron, Heelproof Slotted Grate, 1/2 meter		19.69" (500)	\$81.00	\$49.39	7.26	
TP100-PGC-4-WVY	Class C Ductile Iron, WAVE Grate, 1/2 meter		19.69" (500)	\$93.50	\$57.01	10.12	
TP100-PGC-4-BG	Class C Ductile Iron, Bavaria Grate, 1/2 meter		19.69" (500)	\$93.50	\$57.01	6.60	
TP100-SCC-4	Class C Ductile Iron Solid Cover, 1/2 meter		19.69" (500)	\$78.72	\$48.00	13.00	

LOAD CLASS E GRATES - EN 1433 - 134,800 LBS., 600kN, 2,785 P.S.I.

TP100-PGE-13-FS	Class E Galvanized Slotted Grate, 1 meter		39.37" (1000)	\$200.00	\$61.00	9.68	
TP100-PGE-13-FS-500	Class E Galvanized Slotted Grate, 1/2 meter		19.69" (500)	\$128.50	\$78.35	4.59	
TP100-PGE-3-FS	Class E Stainless Steel Slotted Grate, 1 meter		39.37" (1000)	\$640.50	\$195.27	9.32	
TP100-PGE-3-FS-500	Class E Stainless Steel Slotted Grate, 1/2 meter		19.69" (500)	\$384.50	\$234.45	4.62	
TP100-PGE-4	Class E Ductile Iron Slotted Grate, 1/2 meter		19.69" (500)	\$67.25	\$41.00	8.36	
TP100-PGE-4-13	Class E Galvanized Ductile Iron Slotted Grate, 1/2 meter		19.69" (500)	\$85.28	\$52.00	8.36	
TP100-PGE-4-HP	Class E Ductile Iron, Heelproof Slotted Grate, 1/2 meter		19.69" (500)	\$119.72	\$73.00	8.36	
TP100-PGE-4-ADA	Class E Ductile Iron, Longitudinal Grate, 1/2 meter		19.69" (500)	\$119.72	\$73.00	10.70	
TP100-PGE-4-ADA-13	Class E Galvanized Ductile Iron, Longitudinal Grate, 1/2 meter		19.69" (500)	\$180.40	\$110.00	10.70	



See page 12 for explanation of ADA compliant grates



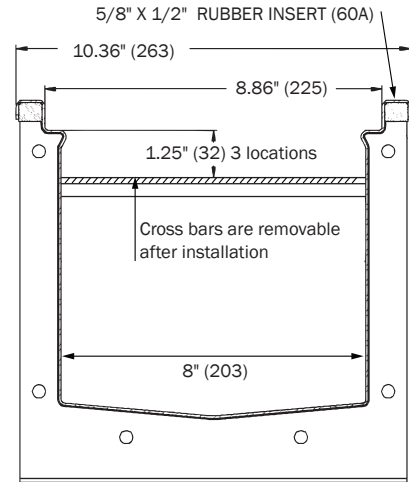
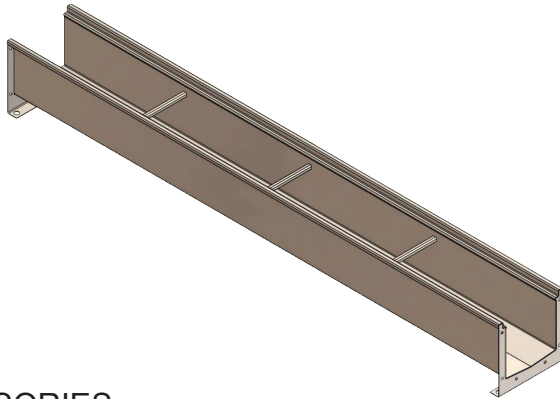
See page 12 for explanation of Heelproof compliant grates

CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

 Visit www.mifab.com for the most recent product information. Design and dimensions are subject to modification. Prices do not include applicable taxes.

 Toll Free: 1-800-465-2736, Fax: 1-773-341-3049
 sales@mifab.com Canada Toll Free: 1-800-387-3880

 MIFAB®, Inc., 1321 West 119th Street, Chicago, Illinois 60643-5109, USA
 All sales subject to MIFAB's Terms and Warranties, please refer to page no. 40.



ACCESSORIES

		LIST PRICE (ADD)
-6	Vandal Proof grates (center lockdown)	\$12.00
-7MG	MI-GARD Trap Seal Protection device (4" or 6")	\$84.00
-20	Bottom outlet strainer	\$362.00
-45	45° Degree fabricated body (T1360-45)	\$1,500.00
-90	90° Degree fabricated body (T1360-90)	\$2,000.00
-TEE	Tee fabricated body	\$2,500.00
-C	Membrane Clamp (includes anchor flange)	\$241.00 / foot
-CB	Catch Basin (Part # P6080-CB820) (1/2 meter long, w/sediment bucket, transition plates and hardware kit)	\$3,000.00
-CF	Cross fabricated body	\$2,500.00
-EC	Closed End Cap (T1360-PEC)	\$225.00
-EO	4", 6" or 8" No Hub End Outlet (T1360-PE04, T1360-PE06, T1330-PE08)	\$225.00
-FL	Anchor (waterproofing) flange	\$160.00 / foot
MI-FLEX-400	4" Flexible rubber coupling to connect 4" No Hub vertical and horizontal channel outlets to drainage pipe	\$16.00
MI-FLEX-600	6" Flexible rubber coupling to connect 6" No Hub vertical and horizontal channel outlets to drainage pipe	\$22.50
MI-FLEX-800	8" Flexible rubber coupling to connect 8" No Hub vertical and horizontal channel outlets to drainage pipe	\$30.00

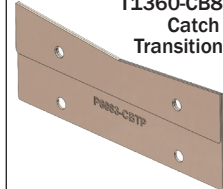
SPECIFICATION:

MIFAB® Series T1360, 8" internal width, 16 gauge fabricated, powder epoxy coated steel presloped trench drain (1%) with optional grates (see page 29). Channels are available in one and two meter lengths, have flanged ends to connect to each other with a neoprene gasket. Bottom and end outlets are available in 4", 6" or 8" no hub outlet connections. Also available with optional anchor flange (Suffix -FL).

T1360-CB820
Catch Basin
Channels 1, 3
and 5 to connect
to Catch Basin.



T1360-CB820-TP
Catch Basin
Transition Plate



T1360-HDW - Universal gasket for between channels, end caps and end outlets with hardware included with every channel, end cap / end outlet ordered

CHANNEL#	LENGTH	Shallow Invert	Deep Invert	List Price / Ea. Channel	List Price / Foot
T1361	78.74" (2m)	6"	6.78"	\$2,591.20	\$395.00
T1361N	78.74" (2m)	6.78"	6.78"	\$2,591.20	\$395.00
T1361N-B04	78.74" (2m) (w/4" BO)	6.78"	6.78"	\$2,591.20	\$395.00
T1361N-B06	78.74" (2m) (w/6" BO)	6.78"	6.78"	\$2,591.20	\$395.00
T1361N-B08	78.74" (2m) (w/8" BO)	6.78"	6.78"	\$2,591.20	\$395.00
T1361-1M	39.37" (1m)	6.78"	6.78"	\$1,295.60	\$395.00
T1362	78.74" (2m)	6.78"	7.56"	\$2,591.20	\$395.00
T1363	78.74" (2m)	7.56"	8.34"	\$2,591.20	\$395.00
T1363N	78.74" (2m)	8.34"	8.34"	\$2,591.20	\$395.00
T1363N-B04	78.74" (2m) (w/4" BO)	8.34"	8.34"	\$2,591.20	\$395.00
T1363N-B06	78.74" (2m) (w/6" BO)	8.34"	8.34"	\$2,591.20	\$395.00
T1363N-B08	78.74" (2m) (w/8" BO)	8.34"	8.34"	\$2,591.20	\$395.00
T1363N-1M	39.37" (1m)	8.34"	8.34"	\$1,295.60	\$395.00
T1364	78.74" (2m)	8.34"	9.12"	\$2,591.20	\$395.00
T1365	78.74" (2m)	9.12"	9.9"	\$2,591.20	\$395.00
T1365N	78.74" (2m)	9.9"	9.9"	\$2,591.20	\$395.00
T1365N-B04	78.74" (2m) (w/4" BO)	9.9"	9.9"	\$2,591.20	\$395.00
T1365N-B06	78.74" (2m) (w/6" BO)	9.9"	9.9"	\$2,591.20	\$395.00
T1365N-B08	78.74" (2m) (w/8" BO)	9.9"	9.9"	\$2,591.20	\$395.00
T1365N-1M	39.37" (1m)	9.9"	9.9"	\$1,295.60	\$395.00

NOTE: Flow rate information per channel section is available on the www.mifab.com website

NOTE: Custom widths, depths, slopes and profiles available upon request. Contact MIFAB®.

Note: The neoprene gasket used to connect long runs of trench drain bodies is not recommended for use with caustic or harsh chemicals. In these cases, it is recommended that the trench drain sections be welded on site.

CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

LOAD CLASS A GRATES - EN 1433 - 3,372 LBS., 15kN, 70 P.S.I.

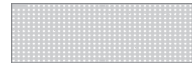
Grate Part #	Description	Length (MM)	List Price	List Price (Per Foot)	Weight (Lbs.)
TP200-PGA-13-GM	Class A Galvanized Mesh Grate, 1 meter	39.37" (1000)	\$294.25	\$89.71	13.13
TP200-PGA-13-GM-500	Class A Galvanized Mesh Grate, 1/2 meter	19.69" (500)	\$203.50	\$124.09	6.82
TP200-PGA-3-SM	Class A Stainless Steel Mesh Grate, 1 meter	39.37" (1000)	\$1,683.75	\$513.34	13.13
TP200-PGA-3-SM-500	Class A Stainless Steel Mesh Grate, 1/2 meter	19.69" (500)	\$1,001.50	\$610.67	6.82


LOAD CLASS B GRATES - EN 1433 - 28,100 LBS., 125kN, 580 P.S.I.

TP200-PGB-13-LS	Class B Galvanized Longitudinal Grate, 1 meter	39.37" (1000)	\$331.70	\$101.13	16.02
TP200-PGB-13-LS-500	Class B Galvanized Longitudinal Grate, 1/2 meter	19.69" (500)	\$215.75	\$131.55	8.38
TP200-PGB-3-LS	Class B Stainless Longitudinal Grate, 1 meter	39.37" (1000)	\$1,683.75	\$513.34	16.32
TP200-PGB-3-LS-500	Class B Stainless Longitudinal Grate, 1/2 meter	19.69" (500)	\$1,001.50	\$610.67	8.31


LOAD CLASS C GRATES - EN 1433 - 56,200 LBS., 250kN, 1,160 P.S.I.

TP200-PGC-13-FP	Class C Galvanized Perforated Grate, 1 meter	39.37" (1000)	\$902.00	\$275.00	24.33
TP200-PGC-13-FP-500	Class C Galvanized Perforated Grate, 1/2 meter	19.69" (500)	\$635.00	\$387.20	11.66
TP200-PGC-3-FP	Class C Stainless Steel Perforated Grate, 1 meter	39.37" (1000)	\$1,567.85	\$478.00	24.33
TP200-PGC-3-FP-500	Class C Stainless Steel Perforated Grate, 1/2 meter	19.69" (500)	\$1,098.00	\$669.51	11.66



TP200-PGC-13-GM	Class C Galvanized Mesh Grate, 1 meter	39.37" (1000)	\$662.00	\$201.83	24.33
TP200-PGC-13-GM-500	Class C Galvanized Mesh Grate, 1/2 meter	19.69" (500)	\$382.75	\$233.38	11.66
TP200-PGC-3-SM	Class C Stainless Steel Mesh Grate, 1 meter	39.37" (1000)	\$2,070.00	\$631.10	24.33
TP200-PGC-3-SM-500	Class C Stainless Steel Mesh Grate, 1/2 meter	19.69" (500)	\$1,334.00	\$813.41	11.66



TP200-PGC-3-SBG	Class C Stainless Steel Bar Grate, 1 meter	39.37" (1000)	\$1,876.16	\$572.00	26.25
TP200-PGC-3-SBG-500	Class C Stainless Steel Bar Grate, 1/2 meter	19.69" (500)	\$1,314.00	\$801.22	14.50



TP200-PGC-13-SD	Class C Galvanized Paverslot Grate, 1 meter	39.37" (1000)	\$457.50	\$139.48	47.08
TP200-PGC-13-SD-500	Class C Galvanized Paverslot Grate, 1/2 meter	19.69" (500)	\$358.00	\$218.29	23.54



TP200-PGC-3-SD	Class C Stainless Steel Paverslot Grate, 1 meter	39.37" (1000)	\$939.50	\$286.43	47.08
TP200-PGC-3-SD-500	Class C Stainless Steel Paverslot Grate, 1/2 meter	19.69" (500)	\$673.75	\$410.82	23.54



TP200-PGC-13-MU-500	Class C Galvanized Maintenance Unit Paverslot, 1/2 meter	19.69" (500)	\$724.00	\$441.46	43.78
TP200-PGC-3-MU-500	Class C Stainless Steel Maintenance Unit Paverslot, 1/2 meter	19.69" (500)	\$1,136.00	\$692.68	43.78



TP200-PGC-4	Class C Ductile Iron Slotted Grate, 1/2 meter	19.69" (500)	\$98.40	\$60.00	13.79
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TP200-PGC-4-HP	Class C Ductile Iron, Heelproof Slotted Grate, 1/2 meter	19.69" (500)	\$195.15	\$119.00	13.79
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TP200-PGC-4-WVY	Class C Ductile Iron, WAVE Grate, 1/2 meter	19.69" (500)	\$195.15	\$119.00	13.86
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TP200-PGC-4-BG	Class C Ductile Iron, Bavaria Grate, 1/2 meter	19.69" (500)	\$195.15	\$119.00	13.64
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LOAD CLASS E GRATES - EN 1433 - 134,800 LBS., 600kN, 2,785 P.S.I.

TP200-PGE-4	Class E Ductile Iron Slotted Grate, 1/2 meter	19.69" (500)	\$167.28	\$102.00	19.25
TP200-PGE-4-13	Class E Galvanized Ductile Iron Slotted Grate, 1/2 meter	19.69" (500)	\$242.72	\$148.00	19.25



TP200-PGE-4-HP	Class E Ductile Iron, Heelproof Slotted Grate, 1/2 meter	19.69" (500)	\$242.72	\$148.00	13.79
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TP200-PGE-4-ADA	Class E Ductile Iron, Longitudinal Grate, 1/2 meter	19.69" (500)	\$242.72	\$148.00	21.25
TP200-PGE-4-ADA-13	Class E Galvanized Ductile Iron, Longitudinal Grate, 1/2 meter	19.69" (500)	\$406.72	\$248.00	21.25



See page 16 for explanation of ADA compliant grates



See page 16 for explanation of Heelproof compliant grates

CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

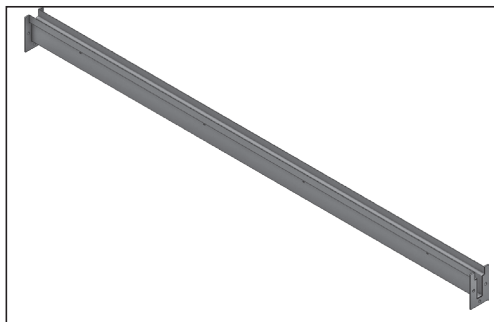
Visit www.mifab.com for the most recent product information. Design and dimensions are subject to modification. Prices do not include applicable taxes.

Toll Free: 1-800-465-2736, Fax: 1-773-341-3049
sales@mifab.com Canada Toll Free: 1-800-387-3880

MIFAB®, Inc., 1321 West 119th Street, Chicago, Illinois 60643-5109, USA
All sales subject to MIFAB's Terms and Warranties, please refer to page no. 40.

SPECIFICATION:

MIFAB® Series T5000-158, 1 5/8" wide, 3 7/8" deep, 40" long, non sloped channels. Body is manufactured from 14 gauge aluminum. Channels have flanged ends to connect to each other with a neoprene rubber gasket. End and bottom outlets are available in 2" no hub outlet connections and are fabricated as part of the trench drain system. Available with anchor flanges and membrane clamps as required.



MODEL NUMBER	Description	List Price, Per Foot
T5000-158-PB	1 5/8" wide, 3 7/8" deep, 14 gauge aluminum channel only	\$399.00

Grates (all 40" long. One grate required per body section)		
Order Guide Suffix	Description	List Price, Per Foot, section, add to Channel price below
PGA-AL	Aluminum decorative slotted grate - Class A, 40" long	\$100.00
PGA-AW	Aluminum wire grate - Class A, 40" long	\$713.00
PGA-SS	Stainless Steel, Decorative grate - Class A, 40" long	\$295.00
PGB-WW	Stainless Steel, Wedgewire grate - Class A, 40" long	\$295.00
End Caps / Outlets / Accessories		
Order Guide Suffix	Description	List Price, Each, Add
-PEC	Closed end cap	\$155.00
-PEO2	2" no hub end outlet	\$179.00
-PBO2	2" no hub bottom outlet	\$179.00
MI-FLEX-200	2" Flexible rubber coupling to connect 2" No Hub vertical and horizontal channel outlets to drainage pipe	\$12.00

MIFAB®'s Engineering team will produce a sign off drawing illustrating the T5000-158 trench drain system requested for customer sign off and then MIFAB® Customer Service quotation.

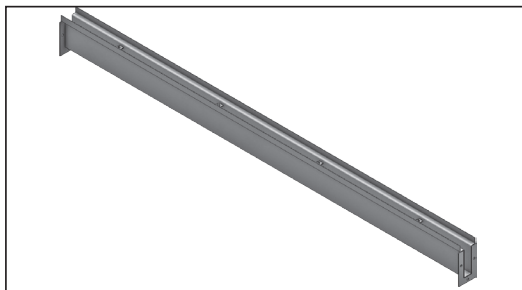
Accessories and 45° and 90° Degree Fabrications		
Order Guide Suffix	Description	List Price, Each, Add
Standard	5/16-18 x 2" Zinc Coated Bolts (2 per package) - for grate lockdown	N/A
-SSB	5/16-18 x 2" Stainless Steel Bolts (2 per package) - for grate lockdown	\$40.00
-PB-45-AL	45° Degree Channel Section with Aluminum decorative slotted grate	\$497.00
-PB-90-AL	90° Degree Channel Section with Aluminum decorative slotted grate	\$497.00
-PB-45-AW	45° Degree Channel Section with Aluminum wire grate	\$675.00
-PB-90-AW	90° Degree Channel Section with Aluminum wire grate	\$675.00
-PB-45-SS	45° Degree Channel Section with Stainless Steel Decorative grate	\$550.00
-PB-90-SS	90° Degree Channel Section with Stainless Steel Decorative grate	\$550.00
-PB-45-WW	45° Degree Channel Section with Stainless Steel Wedgewire grate	\$525.00
-PB-90-WW	90° Degree Channel Section with Stainless Steel Wedgewire grate	\$525.00
-TEE	Tee Fabrication	\$497.00
-CF	Cross Fabrication	\$1002.00
-C	Membrane clamps (2 - one for each side of the body) with hardware	\$590.00 for a set of two clamps

T5000-158-HDW - Universal gasket for between channels, end caps and end outlets with hardware included with every channel, end cap / end outlet ordered.

Note: Custom designs are available. Contact MIFAB®

Go to www.mifab.com for the T5000-158 Cross Section detail and specification sheet.

CALIFORNIA PROPOSITION 65 WARNING. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.


SPECIFICATION:

MIFAB® Series T5000-300, 3" wide, 5 7/8" deep, 40" long, non sloped channels. Channel is manufactured from 14 gauge aluminum. Channels have flanged ends to connect to each other with a neoprene rubber gasket. End and bottom outlets are available in 2" no hub outlet connections and are fabricated as part of the trench drain system. Available with anchor flanges and membrane clamps as required.

MODEL NUMBER	Description	List Price, Per Foot
T5000-300-PB	3" wide, 5 7/8" deep, 14 gauge aluminum channel only	\$399.00

Grates (all 40" long. One grate required per body section)		
Order Guide Suffix	Description	List Price, Per Foot, Add
PGA-AL	Aluminum decorative slotted grate - Class A, 40" long	\$400.00
PGA-AW	Aluminum wire grate - Class A, 40" long	\$850.00
PGA-SS	Stainless Steel, Decorative grate - Class A, 40" long	\$295.00
PGB-WW	Stainless Steel, Wedgewire grate - Class A, 40" long	\$350.00
End Caps / Outlets / Accessories		
Order Guide Suffix	Description	List Price, Each, Add
-PEC	Closed end cap	\$236.00
-PEO2	2" no hub end outlet	\$261.00
-PBO2	2" no hub bottom outlet	\$261.00
MI-FLEX-200	2" Flexible rubber coupling to connect 2" No Hub vertical and horizontal channel outlets to drainage pipe	\$12.00

MIFAB®'s Engineering team will produce a sign off drawing illustrating the T5000-158 trench drain system requested for customer sign off and then MIFAB® Customer Service quotation.

Accessories and 45° and 90° Degree Fabrications		
Order Guide Suffix	Description	List Price, Each, Add
Standard	5/16-18 x 2" Zinc Coated Bolts (2 per package) - for grate lockdown	N/C
-SSB	5/16-18 x 2" Stainless Steel Bolts (2 per package) - for grate lockdown	\$40.00
-PB-45-AL	45° Degree Channel Section with Aluminum decorative slotted grate	\$497.00
-PB-90-AL	90° Degree Channel Section with Aluminum decorative slotted grate	\$497.00
-PB-45-AW	45° Degree Channel Section with Aluminum wire grate	\$675.00
-PB-90-AW	90° Degree Channel Section with Aluminum wire grate	\$675.00
-PB-45-SS	45° Degree Channel Section with Stainless Steel Decorative grate	\$550.00
-PB-90-SS	90° Degree Channel Section with Stainless Steel Decorative grate	\$550.00
-PB-45-WW	45° Degree Channel Section with Stainless Steel Wedgewire grate	\$525.00
-PB-90-WW	90° Degree Channel Section with Stainless Steel Wedgewire grate	\$525.00
-TEE	Tee Fabrication	\$497.00
-CF	Cross Fabrication	\$1002.00
-C	Membrane clamps (2 - one for each side of the body)	\$590.00 for a set of two clamps

T5000-300-HDW - Universal gasket for between channels, end caps and end outlets with hardware included with every channel, end cap / end outlet ordered

Note: Custom designs are available. Contact MIFAB®

Go to www.mifab.com for the T5000-300 Cross Section detail & specification sheet.

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SPECIFICATION:

MIFAB® Series T4000-HDSC, (specify model number for required width and depth), 80" long, non sloped heavy duty utility chase trench system. Body is manufactured from 14 gauge steel and finished with an acid resistant powder epoxy coating. Each body has a 3" wide anchor flange on each side recessed 2 3/4" down from the top with securing holes 15" apart for #4 rebar tie down and leveling. Bodies have flanged ends to connect to each other with a neoprene rubber gasket. Covers are ductile iron for up to and including 12" internal widths and fabricated steel diamond plate for the larger widths.

Go to www.mifab.com for the T4000-HDSC Cross Section detail and specification sheet.

MODEL #	DESCRIPTION	LOAD CLASS	LIST PRICE, PER FOOT
T4000-HDSC-4-4	4" Internal Width Channel, Ductile Iron Cover	C	see T1400 or T1330
T4000-HDSC-12-4	12" Internal Width Channel, Ductile Iron Cover	E	see T3000
T4000-HDSC-18-13	18" Internal Width Channel, Galvanized Steel Diamond Plate Cover	C	\$571.00
T4000-HDSC-21-13	21" Internal Width Channel, Galvanized Steel Diamond Plate Cover	C	\$670.00

Accessories and 45° and 90° Degree Fabrications - for all Channel Sizes.		
Order Guide Suffix	Description	List Price, Each, Add
-PB-90	90° Degree Channel with cover	\$670.00
-CUT	Cutting / per cut - Net Price only	\$346.00
-CF	Cross Fabrication	\$1,333.00
-PEC	End Caps	\$247.00

Note: Specify the total length of the T4000-HDSC utility trench drain system required and design of the trench drain system (straight run only or straight runs with corners and turns).

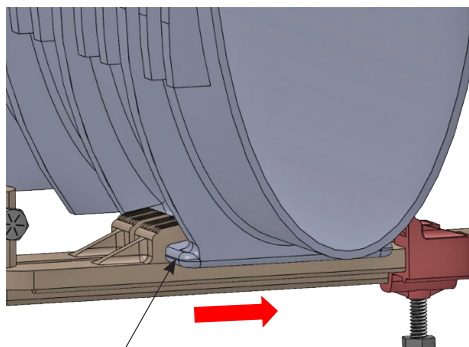
MIFAB's Engineering team will produce a sign off drawing illustrating the T4000-HDSC utility trench drain system requested for customer sign off and then MIFAB® Customer Service quotation.

Note: Custom designs are available. Contact MIFAB®

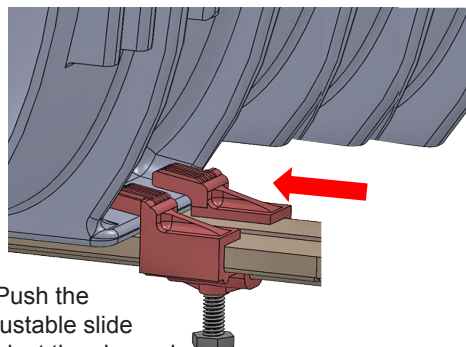
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GRP Trench Installation Guide

INSTALLATION GUIDE

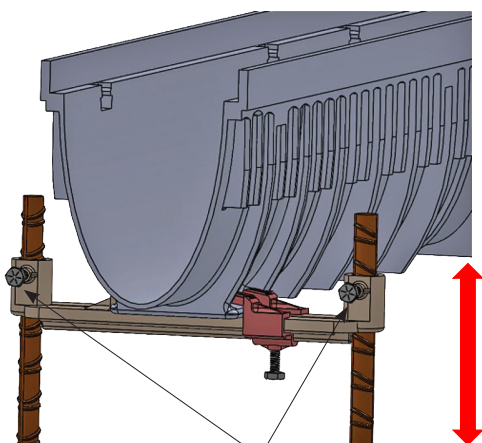


1. Slide the installation device until tight over the channel lower profile.



2. Push the adjustable slide against the channel lower profile until tight engagement.

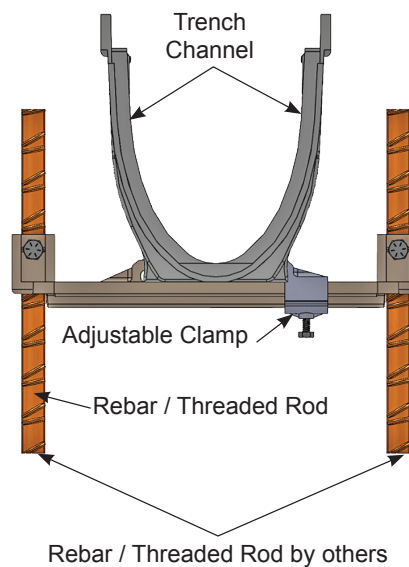
3. Secure the adjustable slide position by tightening the screw.



4. Adjust to desired height, secure the channel in position by tightening the two side screws.

Please note it is always recommended that the GRP channels connecting to a catch basin and at the end of a run finish with channel numbers either 0, 10 or 20

Finished floor height to be 1/8" above the channel edge rail.



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Neutral Trench Drain Flow Rates Vs. Sloped Trench Drain Flow Rates

Note: See page 35 for the technical explanation.

It has been the custom in the United States and Canada to specify trench drain systems that have sloped bodies. The reasoning is that sloped trench drains will provide a greater flow of water due to the sloped sections. Like many things in today's world, this custom has been accepted as the common practice. In contrast, for decades, engineers in Europe specify neutral trench drain systems as their standard design. This is because neutral trench drain systems perform comparably to sloped trench drain systems.

The advantages for the engineer, building owner, contractor, and wholesaler to use neutral trench drain systems are:

1. Faster delivery to the jobsite as fewer individual depths of trench drain bodies are needed.
2. Easier to install the channels when they are all neutrals.
3. Faster installation preparation because one depth trench drain body does not require complicated site organization.
4. Faster installation due to same height of the trench drain body. Often, sloped trench drain bodies are mixed on a pallet - requiring time to sort and identify them. This is not the case with neutral depth bodies.
5. Increased flexibility, because the contractor can easily increase the number of neutral trench drain bodies in order to extend the length of the run or if replacement channels are required. This is more difficult with sloped trench drain bodies.

The flow rate of a trench drain is affected by three main factors: invert depth of the bodies, internal width of the bodies, and length of the run. Trench drain bodies with a greater depth (assuming the width is the same) have more volume capacity and therefore a greater flow rate because the head pressure is greater when the water height is higher. Trench drain bodies that are wider than others have more volume capacity (assuming that the height of the water is the same) and as a result, a higher flow rate.

A typical sloped trench drain system (see Figures 1-A and 1-B in the adjacent page) starts off with a shallow sloped body section and ends with a deeper sloped body section. This means that the body depth is not consistent and the volume capacity of the sloped system is less than the volume capacity of a neutral system that has the same body depth throughout the run. (see Figures 2-A and 2-B in the adjacent page).

Figures 1-A and 1-B illustrate a typical sloped trench drain system with flow rates of 98.27 GPM in the 30 foot run and 142.60 GPM in the 60 foot run. Figures 2-A and 2-B illustrate the MIFAB® - T1420N neutral trench drain system with flow rates of 99.20 GPM in the 30 foot run and 149.80 GPM in the 60 foot run. Note that the ending body height in a typical sloped 30 foot trench drain system (7.68") is the same as all of the body heights in the MIFAB® - system (7.68") and the ending body height in a typical sloped trench drain system (9.65") is the same as all of the body heights in the MIFAB® - T1420N system (9.65").

Therefore, take advantage of the easier installation of the MIFAB® - neutral trench drain systems instead of the industry standard sloped trench drain systems.

Note, the deeper neutral bodies require extra excavation and concrete surround compared to a sloped channel system.

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Flow Rate Comparison Calculation According To Manning & Strickler

6" Wide Sloped vs. Neutral Flow Rate Comparison

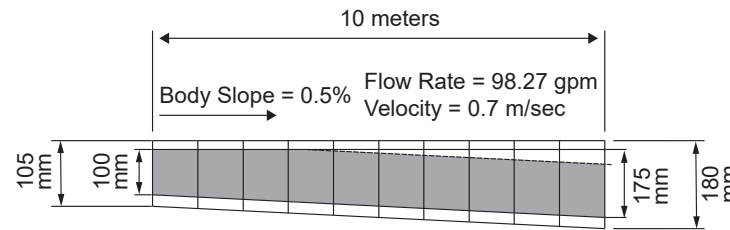


Figure 1-A Typical Sloped Trench Drain from Others

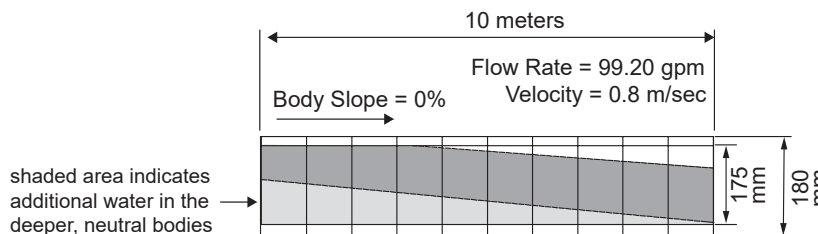


Figure 2-A MIFAB®- T1410N

Note, the deeper neutral bodies require extra excavation and concrete surround compared to a sloped channel system.

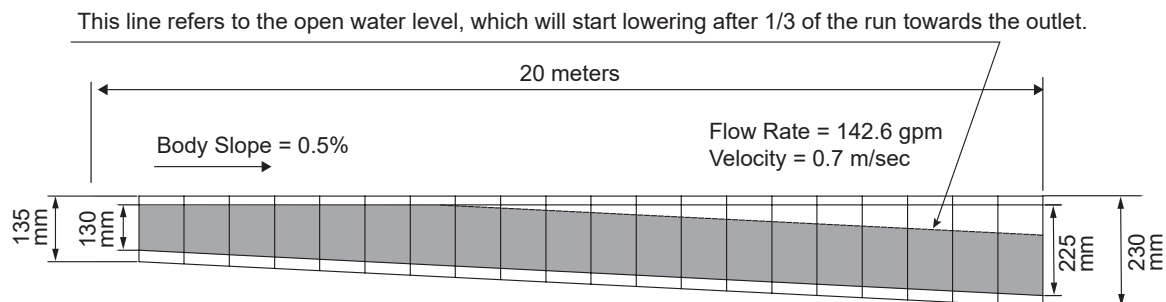


Figure 1-B Typical Sloped Trench Drain from Others

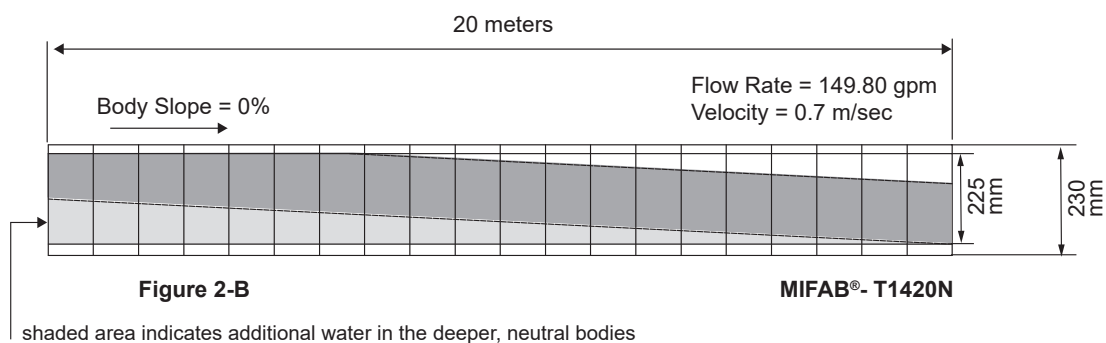


Figure 2-B MIFAB®- T1420N

Note, the deeper neutral bodies require extra excavation and concrete surround compared to a sloped channel system.

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ACCESSORIES



Plastic sediment buckets are included with every catch basin



Grate lifting key T100-KEY
List Price - \$86.00

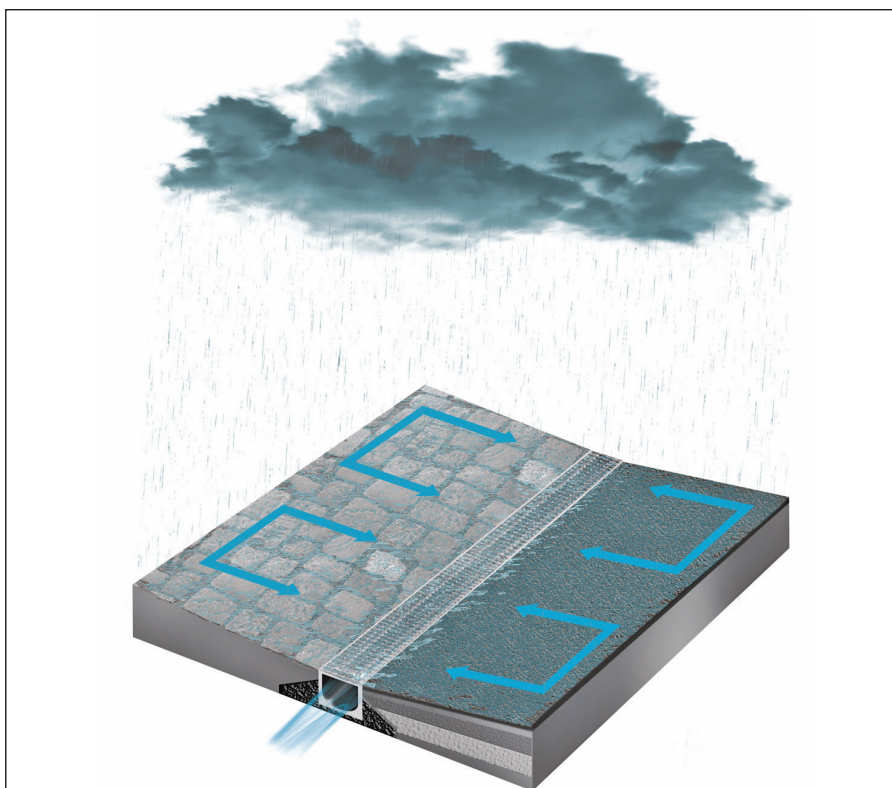


Anti-vandalism locking device for all grates
List Price - \$107.00

TYPICAL TRENCH DRAIN SIZING CONSIDERATIONS

In order to size a trench drain system (length and width), the following information is required:

1. Length of trench drain run (feet or meters)
2. Length and width of the surface area draining into the trench drain (feet or meters)
3. Surface area type - concrete, pavement, asphalt, etc.
4. Rainfall intensity (in/hr or mm/hr) of the area where the trench drain will be installed
5. Is any additional water being introduced onto the surface pavement or into the trench (i.e. downspouts from adjacent buildings ?)
6. Slope of the ground along the trench drain (%)
7. Perpendicular approach slopes to the trench drain (%)
8. Location of and number of outlets along the trench drain run
9. Any trench drain depth restrictions



Please contact MIFAB's Engineering Department at sales@mifab.com for help to design your next trench drain project.

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Chemical Resistance Chart

Media	Temperature in °C	Glass Fibre Reinforced Polyester (GRP)			
Acetone	RT	-	Linseed oil	RT	+
Battery acid (diluted sulphuric acid)	RT	+	Magnesium salts, aqueous Solution	RT	+
Formic acid 10 %	RT	+	Maleic acid, aqueous Solution	RT	+
Ammonia 5 % aqueous Solution	RT	-	Manganese salts, aqueous Solution	RT	+
Ammonia 25 % aqueous Solution	RT	-	Margarine	RT	+
Ammonium salts, aqueous Solution	RT	+	Engine oil	RT	+
Apple juice, aqueous Solution	RT	+	Sea water	RT	+
Malic acid	30	+	Sea water	60	-
Barium salts, aqueous Solution	RT	+	Milk	RT	+
Petrol, super and normal	RT	+	Lactic acid, aqueous Solution	RT	+
Benzene	RT	+	Mineral oils	RT	+
Succinic acid, aqueous Solution	RT	+	Mineral water	RT	+
Beer	RT	+	Sodium hydroxide 40 %	40	-
Blood	RT	+	Barium salts, aqueous Solution	RT	+
Boric acid	RT	+	Wetting and cleaning agents	RT	+
Brake fluid	RT	+	Octane	RT	+
Hydrogen bromide	RT	-	Octane	60	-
Butanol	RT	+	Oxalic acid, aqueous Solution	RT	+
Butyric acid	RT	+	Oxalic acid, aqueous Solution	60	-
Butyric acid	40	-	Oleic acid	RT	+
Butyl acetate	40	-	Paraffin oil	RT	+
Calcium salts, aqueous Solution	RT	+	Perchloric acid	RT	-
Calcium hydroxide (lime milk)	RT	-	Petroleum ether	RT	+
Chlorine, gaseous, moist	RT	-	Kerosene	RT	+
Chlorinated lime, aqueous Solution	RT	-	Phosphoric acid 10 %	RT	+
Chlorinated water	RT	-	Phosphoric acid 10 %	60	-
Chromic acid 10 %	RT	+	Phosphoric acid 50 %	40	-
Cyclohexane	RT	+	Ricinus oil	RT	+
Diesel oil	RT	+	Crude oil	RT	+
Jet propellant	RT	+	Salicylic acid, aqueous Solution	RT	+
Iron salts, aqueous Solution	RT	+	Nitric acid 10 %	40	-
Developer	RT	-	Hydrochloric acid 20 %	40	-
Epoxy resins	RT	+	Greases	RT	+
Petroleum	RT	+	Sulphuric acid 30 %	RT	-
Soil, acidic and alkaline	RT	+	Silicone oil	RT	+
Acetic acid 10 %	RT	-	Tetrachloroethylene	RT	+
Acetic acid 10 %	60	-	Carbon tetrachloride	RT	-
Ethanol	RT	-	Thioglycolic acid	RT	-
Ethylbenzene	RT	+	Trichloroethylene	RT	-
Fatty acids (higher than C 12)	40	+	Detergent, commercially available 5%	RT	+
Fish oil	RT	+	Water dist.	RT	+
Fixing bath	RT	+	Water dist.	60	-
Formaldehyde, aqueous Solution	RT	+	Wine	RT	+
Fruit juices	RT	+	Zinc salts, aqueous Solution	RT	+
Glycol	RT	+	Tin salts, aqueous Solution	RT	+
Glycol (ethylene glycol)	RT	+	Citric acid, aqueous Solution	RT	+
Urea, aqueous Solution	RT	+	Citric acid, aqueous Solution	60	-
Fuel oil	RT	+	Sugar	RT	+
Humic acid	RT	+			
Isopropyl alcohol (2-propanol)	RT	+			
Potassium hydroxide solution 2.5 %	RT	-			
Potassium permanganate 6%	60	-			
Calcium salts, aqueous Solution	RT	+			
Silica hydrochloric acid	20	-			
Carbonic acid, aqueous Solution	RT	+			
Copper salts, aqueous Solution	RT	+			

+ = resistant

- = not resistant.

RT = room temperature (77° F)

GRP = Glass Fibre Reinforced Polyester

NOTE: Glass Fibre Reinforced Polyester (GRP) material is resistant to short-term exposure to inorganic acids and subsequent water rinsing.

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Grate Load Class Definitions

There are two main grate definitions in the trench drain industry to help engineers select the appropriate grate: **DIN 19580** and **ANSI A112.21.1M** Standards.

DIN 19580/ EN1433		
Grates shall be designed to meet the following loading classifications in a static condition.		
	Load Class A	Light Duty Grate design load up to or exceeding 3,372 lbs per foot. (15 kN). For pedestrian foot traffic only.
	Load Class B	Medium Duty Grate design load of at least 28,100 lbs per foot. (125 kN). For light pneumatic tire traffic only. Sidewalks and residential parking.
	Load Class C	Heavy Duty Grate design load of at least 56,200 lbs per foot. (250 kN). Commercial Applications.
	Load Class D	Grate design load of at least 89,920 lbs per foot. (400 kN). For pneumatic forklift traffic. Extra Heavy Duty. Roads and Highways. H-20 Load Rated.
	Load Class E	Grate design load of at least 134,800 lbs per foot. (600 kN). For Commercial Solid tire traffic patterns, and impacts from steel struts or metal wheels (forklifts). Extreme Heavy Duty.
	Load Class F	Grate design load of at least 202,320 lbs per foot. (900 kN). For airport traffic.

ANSI A112.21.1M		
Grates shall be designed to meet the following loading classifications in a static condition.		
	Light Duty	All grates having safe live load (as calculated in paragraph 6.1.6 of the ANSI Standard) under 2,000 lbs. (900 kg.) For pedestrian foot traffic only.
	Medium Duty	All grates having safe live load (as calculated in paragraph 6.1.6 of the ANSI Standard) between 2,000 lbs. (900 kg.) and 4,999 lbs. (2,250 kg.) For light pneumatic tire traffic only. Sidewalks and residential parking.
	Heavy Duty	All grates having safe live load (as calculated in paragraph 6.1.6 of the ANSI Standard) between 5,000 lbs. (2,250 kg.) and 7,499 lbs. (3,375 kg.) For Commercial Pneumatic tire traffic patterns and tractor trailers.
	Extra Heavy Duty	All grates having safe live load (as calculated in paragraph 6.1.6 of the ANSI Standard) between 7,500 lbs. (3,375 kg.) and 10,000 lbs. (4,500 kg.) For forklift traffic. Roads and Highways. H-20 Load Rated.
	Special Duty	All grates having safe live load (as calculated in paragraph 6.1.6 of the ANSI Standard) over 10,000 lbs. (4,500 kg.) For airport traffic.

Transportation Classifications

The American Association of State Highway and Transportation Officials' (AASHTO) "Standard Specification for Highway Bridges" defines H-20 loading as a two-axle truck with a maximum dual wheel load of 16,000 lbs. HS-20 loading is defined as a tractor truck with a tandem axle semi-trailer with a dual wheel load of 16,000 lbs.

The FAA (Federal Aviation Administration) Advisory Circular AC 150/5320-6D describes aircraft loading as 100,000 lbs. placed over a 9" x 9" area.

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Cross Reference Guide

ZURN	PAGE NO.	MIFAB®
Z706	(page 24)	T1400-F
Z712	(page 24)	T2000-F
Z717	-	Contact MIFAB
Z723	-	Contact MIFAB
Z726	-	Contact MIFAB
Z806	(pages 12 - 15)	T1400
ZF806	(pages 12 - 15)	T1400
Z812	(pages 16 - 19)	T2000
ZF812	(pages 16 - 19)	T2000
Z817 - 6" x 20"	(page 13)	T1400-CB620
Z817 - 12" x 24"	(page 17)	T2000-CB1220
Z817 - 24" x 24"	-	T2000-CB2424
ZF817 - 6" x 20"	(page 13)	T1400-CB620
ZF817 - 12" x 24"	(page 17)	T2000-CB1220
ZF817 - 24" x 24"	-	T2000-CB2424
Z874-12	(pages 20 - 23)	T3000
Z874-18	-	Contact MIFAB
Z874-21	-	Contact MIFAB
Z874-U-XX-LDRA	(page 32)	T4000-HDSC
Z874-U-XX-LDRS	(page 32)	T4000-HDSC

ZURN	PAGE NO.	MIFAB®
Z874-U-XX-HD	(page 32)	T4000-HDSC-4
Z880	(page 25)	T250
ZA880-156	(page 30)	T5000-158
ZA880-300A	(page 31)	T5000-300
ZA880-300B	(page 31)	T5000-300
ZA880-340	(page 31)	T5000-300
Z882	(pages 16 - 19)	T2000
Z883	(page 13)	T1460
Z884	(page 13)	T1460
Z886	(pages 12 - 15)	T1400
Z887 - 6" x 20"	(page 13)	T1400-CB620
Z887 - 12" x 24"	(page 17)	T2000-CB1220
Z887 - 24" x 24"	-	T2000-CB2424
JR Smith	PAGE NO.	MIFAB®
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9930/ 9940	(pages 12 - 15)	T1400
9940	(pages 12 - 15)	T1400
9960	(pages 16 - 19)	T2000
9812	(pages 16 - 19)	T2000

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Terms and Warranties

WHOLESALE DISCOUNT:

Contact MIFAB® or your local representative for your applicable discount structure.

PLUMBING WHOLESALE FREIGHT ALLOWANCE: Ex Works, MIFAB's Chicago, Illinois Factory or Manufacturer Representative's warehouse with full motor freight allowed on shipments of \$5000.00 Net or more, within the continental U.S.A. and Canada, except Alaska, Hawaii and Puerto Rico. MIFAB reserves the right to choose the carrier and route of shipment. Shipping dates are estimates and time of delivery is not the essence of the sale of the contract. Therefore, under no circumstances will MIFAB® have any responsibility on account of any delays in manufacture, transportation, or otherwise. Additional freight services such as construction site delivery, lift gate delivery service, re-consigned freight or notification charges, are not included in full freight allowance terms, and will result in additional freight charges.

CONCRETE WHOLESALE FREIGHT ALLOWANCE: F.O.B. MIFAB's Chicago, Illinois, USA factory.

QUOTATION TERMS: List Price and discount protected for 30 days from date issued by MIFAB®. Orders received within this period must be released for shipment within 30 days from date of purchase order, otherwise, prices will be those that are in effect at the time of shipment.

PAYMENT TERMS: Terms of payment are Net 30 days from the date of the invoice. All pricing in United States currency except for sales to Canadian customers which are priced in Canadian dollars. The Buyer shall pay all sales, consumers, and / or any other applicable taxes. Past due accounts will be subject to a 2% per month service charge from the date of the invoice. If any proceedings be instructed by or against Buyer under any bankruptcy or insolvency law, or if Buyer shall fail to make timely payment on this or any other order, or if, in MIFAB's judgment, Buyer's financial situation justifies such action, MIFAB® may, at its election, require payment in advance or cancel the order as to any unshipped item and require payment of its reasonable cancellation charges. If Buyer delays completion of manufacture, MIFAB® may elect to require payment according to percentage of completion. Equipment held for Buyer shall be at Buyer's risk and expense. In all cases, regardless of partial payment, title to the Products shall remain with MIFAB® until payment for the Products (including any notes given therefore) has been made in full. Should legal action be necessary to enforce payment of an unpaid invoice, the Buyer will assume full responsibility for any court costs and reasonable attorney fees. All orders subject to credit check and approval prior to shipment. Confirmed irrevocable letter of credit or cash in advance of shipment is required for accounts without an established line of credit. Minimum invoice amount is \$100.00. MIFAB® reserves the right to apply a minimum order charge to equal \$100.00. MIFAB's Accounting Department must be notified of potential pricing errors within 30 days of the invoice date. Any terms and conditions stated on Buyer's orders which are inconsistent with MIFAB's quotation and Terms and Warranties shall be of no effect.

RETURNED GOODS RESTOCKING CHARGE: Standard product may be returned within a one year period only with written permission from MIFAB®. All products in catalog are not considered Standard. Standard product to be determined by MIFAB®. Returned goods are subject to a 25% restocking charge, plus cost of reconditioning, if necessary, to make material saleable. Material must be returned to MIFAB® freight prepaid only after written permission from MIFAB® to accept the returned material. Buyer must provide copy of the original invoice on which the material was charged. The original outgoing freight cost to ship the order will be deducted from the credit. Credit allowance will be in the form of merchandise credit only-not cash credit which must be used within 12 months of the date of issue. The value of a return must total \$100.00 to qualify for credit allowance. No credit will be allowed for discontinued, or made to order items. Products designated non stock and / or that have been specially made are not subject to return or cancellation.

LIMITED WARRANTY: MIFAB® warrants each product against defects in material and workmanship for a period of one year from the date of original shipment. In the event of such defects within the warranty period, MIFAB® will, at its option, replace or recondition the product without charge. This shall constitute the exclusive remedy for breach of warranty, and MIFAB® shall not be responsible for any incidental or consequential damages, including, without limitation, damages or other costs resulting from labor charges, delays, vandalism, negligence, fouling caused by foreign material, damage from adverse water conditions, chemicals, or any other circumstances over which MIFAB® has no control. This warranty shall be invalidated by any abuse, misuse, misapplication or improper installation of the product.

MIFAB® MAKES NO OTHER WARRANTIES EXPRESSED OR IMPLIED AS PROVIDED IN THIS LIMITED WARRANTY.

ILLUSTRATIONS OR TYPICAL INSTALLATIONS: The typical installations for various products in each product section are intended to illustrate the products and their options. Under no circumstances are they to be construed as recommended installation procedures. Consult local codes and project specifications for proper installation instructions.

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NOTE: Prices and terms are subject to change without notice and supersede all previous quotations. The right is reserved to change or modify product design or construction without prior notice and without incurring any obligation to make similar changes and modifications to product previously or subsequently sold. Contact MIFAB® for any clarification.

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NOTES

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MIFAB® OFFERS . . .



COMPLETE MIFAB® BINDER
(with all product booklets inside)
Lit # 001B



MPB-2021-08-USA
Lit # 067



NH-2021-07
Lit # 044



CLPB-2021
Lit # 048



BEECO-2019-07
Lit # 071



AD-2021-USA
Lit # 043



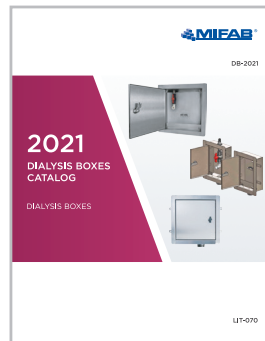
TSP-2021
Lit # 062



ROOFGUARD-2020
Lit # 058



HYDROMAX-2020
Lit # 082



DB-2021
Lit # 070



C-PORT-2021
Lit # 047



INT-2021
Lit # 095



TDSS-2021
Lit # 072



TDPC-2021
Lit # 076



TD-2021
Lit # 046



TDSD-2021
Lit # 077

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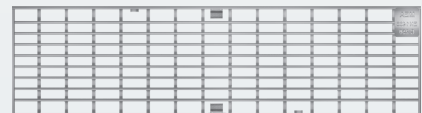
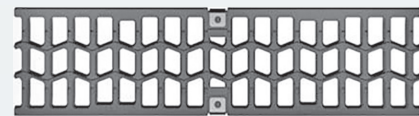
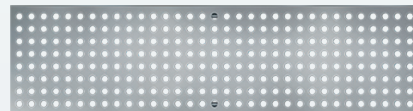
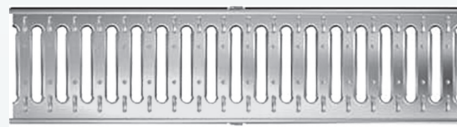
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TD-2021

2021

GRP & STEEL TRENCH DRAIN SYSTEMS



2", 4", 8", 12" INTERNAL WIDTHS - SHALLOW BODY - CATCH BASINS

(3", 6", 10" and 14" OVERALL WIDTHS)

LIT-046