

Effective Date: January 2, 2012
Rev. 2



India List Prices
for
G-FIRE Grooved Fire Protection Products

Prices are in INR



Table of Contents

Section 1 – Introduction

Table of Contents	2 - 3
GRINNELL Gasket Styles, Grades and Recommendations	4

Section 2 – Couplings and Fittings

#577 – GFIRE Rigid Coupling with Grade “E” Type “A” PreLube Gasket	6
#577 – GFIRE Rigid Coupling with Grade “E” EPDM TriSeal Gasket	6
#705 – Flexible Coupling with Grade “E” Type “A” PreLube Gasket	7
#705 – Flexible Coupling with Grade “E” EPDM TriSeal Gasket	7
#707 HeavyDuty Flexible Coupling with Grade “E” EPDM Gasket	8
#707 HeavyDuty Flexible Coupling with Grade “E” EPDM TriSeal Gasket	8
#716 – Reducing Coupling with Grade “E” EPDM Gasket	9
#770 High Pressure Rigid Coupling with Grade “E” EPDM	9
#702 – Outlet Couplin, Grade “E” Gasket, Female BSP Threaded End	10
#702 – Outlet Coupling, Grade “E” Gasket, Male BSP Threaded End	10
#702 – Outlet Coupling, Grade “E” Gasket, Female NPT Threaded End	11
#702 – Outlet Coupling, Grade “E” Gasket, Male NPT Threaded End	11
#702 – Outlet Coupling Grade “E” Gasket, Grooved End, Painted*	12
#71 – Grooved Flange Adaptor – PN10 with Grade “E” EPDM Gasket	12
#71 – Grooved Flange Adaptor – PN16 with Grade “E” EPDM Gasket	13
#71 – Grooved Flange Adaptor – AS2129 Table E with Grade “E” EPDM Gasket	13
#71 – Grooved Flange Adaptor – ANSI Class 150 with Grade “E” EPDM Gasket	13
#510S – G-FIRE Short Pattern Cast Grooved 90° Elbow	14
#510 – G-FIRE Standard Pattern Grooved 90° Elbow	14
#501 – G-FIRE Grooved 45° Elbow	15
#212 and #312 – Grooved 22-1/2° Elbow	15
#211 and #311 – Grooved 11-1/4° Elbow	16
#510DE – G-FIRE 90° Elbow with 25mm Outlet	16
#508 – Standpipe Tee	16
#507/#50L – Bullhead Tee	16
#519S – G-FIRE Short Pattern Grooved Tee	17
#519 – G-FIRE Standard Pattern Grooved Tee	17
#320 Groove x Male BSP Thread – Tee	18
#320 Groove x Male NPT Thread – Tee	18
#323 – Reducing Tee with BSP Threaded Branch	19
#323 – Reducing Tee with NPT Threaded Branch	21
#221 and #321 – Grooved Reducing Tee	23
#250 and #350 – Grooved Concentric Reducer	25
#372 Groove x Male BSP Thread – Reducer	27
#372 Groove x Male NPT Thread – Reducer	28
#391 Groove x Male BSP Thread – Adaptor Nipple	29
#391 Groove x Male NPT Thread – Adaptor Nipple	29
#392 Groove x Groove – Adaptor Nipple	30
#393 Groove x Plain – Adaptor Nipple	30
#227 and #327 – Grooved Cross	31
#560/#260 and #360 – GFIRE Grooved Cap	31
#560/#260 – Grooved Cap with 15mm BSP Tap	32
#560/#260 – Grooved Cap with 25mm BSP Tap	32
#343 – Grooved x Flanged Adaptor – PN16	33
#341 – Grooved x Flanged Adaptor ANSI 150 Lbs. – Schedule 40	33
#343 – Grooved x Flanged Adaptor – AS2129 Table E	34
#750 – ADACAP, NPT Threads	34

Section 3 – Mechanical Tees

#522 – GFIRE Sprinkler Outlet, BSP Threaded with Grade “E” Type “A” Gasket	35
#522 – GFIRE Sprinkler Outlet, NPT Threaded with Grade “E” Type “A” Gasket	35
#730 Mechanical Tee – BSP Threaded with Grade “E” or Grade “T” Nitrile Gasket	36
#730 Mechanical Tee – NPT Threaded with Grade “E” or Grade “T” Nitrile Gasket	37
#730 Mechanical Tee – Grooved with Grade “E” or Grade “T” Nitrile Gasket	38
#730 Mechanical Cross – BSP Threaded with Grade “E” or Grade “T” Nitrile Gasket	39
#730 Mechanical Cross – NPT Threaded with Grade “E” or Grade “T” Nitrile Gasket	40
#730 Mechanical Cross – Grooved with Grade “E” or Grade “T” Nitrile Gasket	41

Table of Contents
Section 4 – Valves

#CV1F – GFIRE Grooved Check Valve	42
#CV1FR – GFIRE Grooved Shotgun Riser Check Valve	42
Model BFVN – GFIRE Butterfly Valves Groove x Groove, 300 psi	43
Model BFVN – GFIRE Butterfly Valves Wafer Style, 250 psi	43
Model BFVN – GFIRE Butterfly Valves Lug Style, 250 psi	43
Model #TMRX – Shut Off Valve, Gate Valve, OS&Y, Flange x Flange, ANSI Class #125, AS Table E, & PN16	44
Model #TMRT – Shut Off Valve, Gate Valve, OS&Y, Flange x Groove	44
Model #TMRG – Shut Off Valve, Gate Valve, OS&Y, Groove x Groove	44
Model #TMCX – Shut Off Valve, Gate Valve, NRS, Flange x Flange, ANSI Class #125, PN10, & PN16	45
Model #TMCT – Shut Off Valve, Gate Valve, NRS, Flange x Groove	45
Model #TMCG – Shut Off Valve, Gate Valve, NRS, Groove x Groove	45
Model #TMCXP – Shut Off Valve, Gate Valve, NRS, Flange x Flange, ANSI Class #125, PN10, & PN16	46
Model #POSTIND – Indicator Post, Adjustable, TMCXP	46
Model #WALLIND – Indicator Post Wall Type	46

Section 5 – Gaskets & Spare Parts

Replacement Gaskets EPDM “E” Gaskets For #716 Reducing Coupling	47
#71 Flange Adaptor – Metal Washer	48
#702 – Outlet Coupling Replacement Grade “E” EPDM Gaskets	48
#730 Replacement “E” EPDM Gasket	49
Replacement Gaskets Grade “E” Type “A” Gaskets For #522 GFIRE Sprinkler Outlet	50
Coupling Nut and Bolt Kit	50
GRINNELL Gasket Lubricant	51
GRINNELL Silicone Gasket Lubricant	51
Pipe Tape	51

Section 6 – Preparation Equipment

Roll Grooving Machine Selection Chart	52
Roll Grooving Machine Selection Chart	53
Accessories	53
Roll Selection Chart	54

Section 7 – Miscellaneous

Grooved Couplings – Pieces Per Carton/Pallet	55
Grooved Couplings – Pieces Per Carton/Pallet	55
Grooved Fittings – Pieces Per Carton/Pallet	56
Grooved Short Pattern Fittings – Pieces Per Carton/Pallet	56
Grooved Fittings – Pieces Per Carton/Pallet	57
Grooved Fittings – Pieces Per Carton/Pallet	58
Mechanical Tees – Pieces Per Carton/Pallet	59
CV1 – Pieces Per Carton/Pallet	60
Replacement Gaskets – Pieces Per Carton/Pallet	61
Replacement Gaskets – Pieces Per Carton/Pallet	61

Section 8 – Indexes

Part Number Index	62 – 68
Model Number Index	69

Introduction

Couplings & Fittings

Mechanical Tees

Valves

Gaskets & Spare Parts

Preparation Equipment

Miscellaneous

Indices

GRINNELL Gasket Styles, Grades and Recommendations
Standard

The standard style gasket, with a “C” shape configuration, is the most commonly used. It is provided as the standard gasket in the Figure 577, 705, and 707 GRINNELL Couplings. The gasket is available in Grade “E” and “EN” EPDM.


Tri-Seal

The tri-seal gasket is designed to close off the gap or gasket cavity. This is accomplished by positioning the center “rib” of the gasket over the gap between the pipes. The tri-seal gasket has two tapered sealing edges in addition to the center rib for additional strength and sealing. The Tri-Seal gasket can be used with the Figure 577, 705, and 707 GRINNELL Couplings. It is recommended for use in low temperature and vacuum services (greater than 10" Hg) applications and potable water systems. Note only a petroleum-free silicone based lubricant is recommended for low temperature applications. The gasket is available in Grade “E”, and “EN” EPDM.



Note: Rigid couplings are recommended for vacuum and low temperature applications

Reducing Coupling

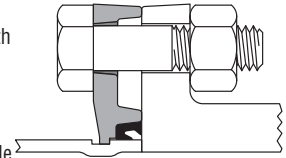
The reducing gasket is provided with ribs used to position the larger pipe so that the sealing lip is located on the sealing surface of the pipe. This gasket is used only with the Figure 716 GRINNELL Reducing Coupling and is available in Grade “E” EPDM.



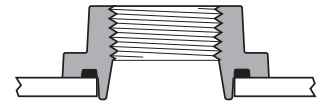
Note: Reducing couplings are not recommended for low temperature applications.

Flange Adaptor

This gasket is specifically designed for use with the Figure 71 Flange Adaptor. The gasket has an optimal amount of rubber to provide a dependable seal between both the pipe and mating surface. The gasket is available in Grade “E” EPDM and Grade “T” Nitrile.


Mechanical Tee and Strap

The gasket provides a compression type seal, which is designed to conform to the exterior curve (OD) of the pipe. This design is unique to both the Figure 730 Mechanical Tee (threaded and grooved) and Figure 40-5 Strap. The gasket is available in Grade “E” EPDM and Grade “T” Nitrile.



Note: When used in low temperature applications, use a petroleum-free silicone based lubricant, otherwise no lubricant is required on Mechanical Tee and Strap gaskets

Plain End Coupling

This gasket is designed for use with the Figure 909 Plain End Coupling.



GRINNELL Gaskets are designed exclusively for use with GRINNELL manufactured coupling housings. The mixing of other manufacturer's gaskets or housings with GRINNELL Gaskets or Housings may result in pipe joint leakage or failure and will void the Tyco Fire Protection Products limited warranty.

The Gasket Recommendation Table has been developed to maximize service life. The table was developed from information supplied by the elastomer material manufacturers, reference technical literature, and testing conducted by GRINNELL Products.

In evaluating the gasket grade for intended service, consider the following: system operating temperature, fluid or solution concentration, and duration of service.

All gasket recommendations are based on a temperature of 21°C (70°F) unless otherwise noted.

When considering combinations of service solutions, consult Technical Services and Mechanical Services.

GRINNELL Products for recommendations for services not listed.










Gasket recommendations apply to GRINNELL Gaskets and Valves only.

Grade	Temperature Range	Compound	Color Code	General Service Application
“E”	-34°C to 110°C (-30°F to 230°F)	EPDM	Green	Hot water, dilute acids, alkalis, oil free air, and many chemical services not involving petroleum products. Excellent oxidation resistance. NOT FOR USE WITH HYDROCARBONS. NOT RECOMMENDED FOR STEAM SERVICE.
“E” Type A	-34°C to 66°C (-30°F to 150°F)	EPDM	Violet Stripe	Applicable for wet and dry (oil-free air) sprinkler services only. For dry/freezer services, GRINNELL recommends the use of Tri-Seal gaskets. NOT RECOMMENDED FOR HOT WATER SERVICES.
“E” Tri-Seal	-34°C to 110°C (-30°F to 230°F)	EPDM	Green	Hot water, dilute acids, alkalis, and many chemical services not involving petroleum products. Excellent oxidation resistance. NOT FOR USE WITH HYDROCARBONS. Recommended for low temperature and vacuum services.
“EN” and “EN” Tri-Seal IPS Pipe	Cold and Hot Potable Water up to 82°C (180°F)	EPDM	Green/Yellow Stripe	IPS Sizes Only , NSF 61 Approved for potable water. NOT RECOMMENDED FOR HYDROCARBONS.
“T” and “T” Tri-Seal	-29°C to 82°C (-20°F to 180°F)	Nitrile	Orange	Petroleum products, vegetable oils, mineral oils and air with oils. High-End oil vapor temperature, decrease to 150°F (66°C). Not Recommended for Hot Water Systems. Not Recommended for Hot Dry Air Systems.
“O”	-7°C to 149°C (+20°F to 300°F)	Fluoroelastomer	Blue	Oxidizing acids, petroleum products, hydraulic fluids, lubricants, halogenated hydrocarbons.
“L”	-34°C to 177°C (-30°F to 350°F)	Silicone *	Red Gasket	Air without hydrocarbons, dry heat.

* To prevent gasket from deteriorating, NEVER use silicone-based lubricants with Grade “L” Silicone gaskets.

Agency Listings and Approvals

General Code Groups, Associations, Laboratories, Government Agencies & Approval Bodies


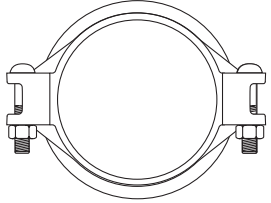
ACS	
ACTIVFIRE Active Fire Protection Product Certification	
AP SAD	
AMERICAN BUREAU OF SHIPPING (ABS)	
AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)	
AMERICAN WATER WORKS ASSOCIATION (AWWA)	
AMERICAN PETROLEUM INSTITUTE (API) API Std. 5L, Sect. 7.5	
AMERICAN SOCIETY OF HEATING, REFRIGERATION AND AIR CONDITIONING ENGINEERS (ASHRAE)	
AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME)	
<ul style="list-style-type: none"> • Power Piping, B-31.1 • Chemical Plant and Petroleum Refinery Piping, B-31.3 • Refrigeration Piping, B-31.5 • Building Services Piping, B31.9 • Elevator, Escalator, A17.1 	
ARPA	
BUILDING OFFICIALS AND CODE ADMINISTRATORS (BOCA)	
BUREAU VERITAS (BV)	
CNBOP Centrum Naukowo-Badawcze Ochrony Przeciwpozarowe	
COAST GUARD Approved each vessel individually	
CORPS OF ENGINEERS (COE) GEGS 15000	
CRN Canadian Registration Number	
CSTB	
DNV Det Norske Veritas	

DVGW Deutscher Verein des Gas-und Wasserfaches e.V.	
FACTORY MUTUAL ENGINEERING CORP. (FM) Approved for Fire Protection Services	
FEDERAL AVIATION ADMINISTRATION (FAA) HVAC, Plumbing and Fire Protection	
FEDERAL HOUSING ADMINISTRATION (FHA)	
GENERAL SERVICES ADMINISTRATION (GSA) 15000 Series	
GERMANISCHER LLOYD Germanischer Lloyd	
INTERNATIONAL ASSOCIATION OF PLUMBING AND MECHANICAL OFFICIALS (IAPMO)	
ICC-ES National Evaluation Service, Inc.	
IPC Association Connecting Electronics Industries	
LLOYD'S Lloyd's Register of Shipping	
LOSS PREVENTION CERTIFICATION BOARD (LPCB) Approved for Fire Protection Services	
MATERIAL EQUIPMENT AND ACCEPTANCE (MEA)	
MILITARY SPECIFICATIONS (MIL)	
<ul style="list-style-type: none"> • MIL-P – 10388 Fittings • MIL-C – 10387 Couplings • MIL-P – 11087A (CE) Steel Pipe • Grooved MIL-I – 45208 Inspection Procedure 	
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)	
NATIONAL INSTITUTE OF HEALTH (NIH) Department of Health – 5000 Series	
NAVAL FACILITIES ENGINEERING COMMAND (NAVFAC) NFGS 15000 Series	
NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)	

NATIONAL SANITATION FOUNDATION (NSF) The Public Health and Safety Company	
PAVUS	
PCT	
PRESSURE EQUIPMENT DIRECTIVE	
RINA Registro Italiano Navale	
T/S/U	
SOUTHERN BUILDING CODE CONGRESS INTERNATIONAL (SBCCI) Standard Plumbing	
UNDERWRITERS LABORATORIES, INC. (UL) Listed for Fire Protection Services	
UNDERWRITERS LABORATORIES OF CANADA (ULC) Listed for Fire Protection Services	
UNIFORM PLUMBING CODE (UPC)	
VERBAND DER SACHVERSICHERE E.V. (VdS) Approved for Fire Protective Service	
VETERANS AFFAIRS (VA) 15000 Series	
WATERMARK Pending Approved for Potable Water Service (AU)	
WRAS Water Regulations Advisory Scheme (UK)	
WSD Pending Approved for Potable Water Service (HK)	
97/23/EC	

Introduction
 Couplings & Fittings
 Mechanical Tees
 Valves
 Gaskets & Spare Parts
 Preparation Equipment
 Miscellaneous
 Indices

**#577 – GFIRE Rigid Coupling
with Grade “E” Type “A” PreLube Gasket**


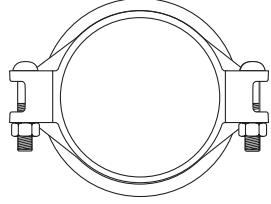
 <small>For additional listings or approvals, visit our website at www.grinnell.com</small>	Pipe Size		Painted		Galvanised	
	Nominal Size	Outside Diameter	Part Number	List Price	Part Number	List Price
	1"	33.4mm	577MA00341	1,150.00	577MA00342	1,350.00
	1 1/4"	42.4mm	577MA00421	1,242.00	577MA00422	1,510.00
	1 1/2"	48.3mm	577MA00481	1,266.00	577MA00482	1,544.00
	2"	60.3mm	577MA00601	1,835.00	577MA00602	1,707.00
	2 1/2"	73.0mm	577MA00731	1,904.00	577MA00732	1,986.00
	76.1mm	76.1mm	577MA00761	1,881.00	577MA00762	2,195.00
	3"	88.9mm	577MA00891	1,904.00	577MA00892	2,311.00
	4"	114.3mm	577MA01141	3,031.00	577MA01142	3,240.00
	139.7mm	139.7mm	577MA01391	4,401.00	577MA01392	4,831.00
	5"	141.3mm	577MA01411	3,983.00	577MA01412	4,831.00
	165.1mm	165.1mm	577MA01651	4,598.00	577MA01652	5,585.00
	6"	168.3mm	577MA01681	4,598.00	577MA01682	5,585.00
	8"	219.1mm	577MA02191	8,976.00	577MA02192	9,371.00
	10"	273.0mm	577MA02731	16,501.00	577MA02732	22,063.00
	12"	323.9mm	577MA03241	18,451.00	577MA03242	24,734.00

Metric bolts are supplied as standard.

Orders for items in shaded areas *cannot* be cancelled or returned.

Technical Data Sheet: TFP1854

**#577 – GFIRE Rigid Coupling
with Grade “E” EPDM TriSeal Gasket Recommended for
Dry Pipe Systems and Freezer Applications – Use Silicone Lubricant**


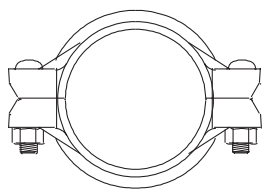
 <small>For additional listings or approvals, visit our website at www.grinnell.com</small>	Pipe Size		Painted		Galvanised	
	Nominal Size	Outside Diameter	Part Number	List Price	Part Number	List Price
	1"	33.4mm	577AT00341	1,250.00	577AT00342	1,300.00
	1 1/4"	42.4mm	577AT00421	1,893.00	577AT00422	2,125.00
	1 1/2"	48.3mm	577AT00481	2,009.00	577AT00482	2,334.00
	2"	60.3mm	577AT00601	2,148.00	577AT00602	2,520.00
	2 1/2"	73.0mm	577AT00731	2,566.00	577AT00732	2,984.00
	76.1mm	76.1mm	577AT00761	2,566.00	577AT00762	2,984.00
	3"	88.9mm	577AT00891	2,775.00	577AT00892	3,240.00
	4"	114.3mm	577AT01141	3,902.00	577AT01142	4,540.00
	139.7mm	139.7mm	577AT01391	6,617.00	577AT01392	7,629.00
	5"	141.3mm	577AT01411	6,607.00	577AT01412	7,629.00
	165.1mm	165.1mm	577AT01651	7,304.00	577AT01652	8,523.00
	6"	168.3mm	577AT01681	7,304.00	577AT01682	8,523.00
	8"	219.1mm	577AT02191	11,833.00	577AT02192	13,725.00
	10"	273.0mm	577AT02731	19,857.00	577AT02732	25,256.00
	12"	323.9mm	577AT03241	22,585.00	577AT03242	29,076.00

Metric bolts are supplied as standard.

Orders for items in shaded areas *cannot* be cancelled or returned.

Technical Data Sheet: TFP1854

**#705 – Flexible Coupling
 with Grade “E” Type “A” PreLube Gasket**


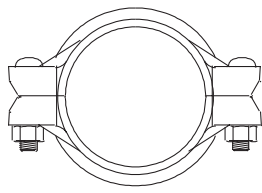
 <small>For additional listings or approvals, visit our website at www.grinnell.com</small>	Pipe Size		Painted		Galvanised	
	Nominal Size	Outside Diameter	Part Number	List Price	Part Number	List Price
	1"	33.4mm	705MA00341	1,312.00	705MA00342	1,626.00
	1 1/4"	42.4mm	705MA00421	1,347.00	705MA00422	1,742.00
	1 1/2"	48.3mm	705MA00481	1,626.00	705MA00482	2,044.00
	2"	60.3mm	705MA00601	1,661.00	705MA00602	2,102.00
	2 1/2"	73.0mm	705MA00731	1,916.00	705MA00732	2,427.00
	76.1mm	76.1mm	705MA00761	1,916.00	705MA00762	2,427.00
	3"	88.9mm	705MA00891	2,241.00	705MA00892	2,810.00
	4"	114.3mm	705MA01141	3,124.00	705MA01142	4,064.00
	139.7mm	139.7mm	705MA01391	4,482.00	705MA01392	5,818.00
	5"	141.3mm	705MA01411	4,482.00	705MA01412	5,818.00
	165.1mm	165.1mm	705MA01651	5,365.00	705MA01652	6,990.00
	6"	168.3mm	705MA01681	5,365.00	705MA01682	6,990.00
	216.3mm	216.3mm	705MA02161	8,407.00	705MA02162	11,217.00
	8"	219.1mm	705MA02191	8,407.00	705MA02192	11,217.00
	10"	273.0mm	705MA02731	17,964.00	705MA02732	25,779.00
12"	323.9mm	705MA03241	20,460.00	705MA03242	29,297.00	

Metric bolts are supplied as standard.

Orders for items in shaded areas *cannot* be cancelled or returned.

Technical Data Sheet: TFP1854

**#705 – Flexible Coupling
 with Grade “E” EPDM TriSeal Gasket Recommended for
 Dry Pipe Systems and Freezer Applications – Use Silicone Lubricant**

 <small>For additional listings or approvals, visit our website at www.grinnell.com</small>	Pipe Size		Painted		Galvanised	
	Nominal Size	Outside Diameter	Part Number	List Price	Part Number	List Price
	1"	33.4mm	705MT00341	2,102.00	705034G3E	2,485.00
	1 1/4"	42.4mm	705MT00421	2,218.00	705042G3E	2,636.00
	1 1/2"	48.3mm	705MT00481	2,427.00	705048G3E	2,891.00
	2"	60.3mm	705MT00601	2,497.00	705060G3E	2,961.00
	2 1/2"	73.0mm	705MT00731	2,961.00	705073G3E	3,518.00
	76.1mm	76.1mm	705MT00761	2,961.00	705076G3E	3,518.00
	3"	88.9mm	705MT00891	3,147.00	705089G3E	3,797.00
	4"	114.3mm	705MT01141	4,494.00	705114G3E	5,504.00
	139.7mm	139.7mm	705MT01391	7,687.00	705139G3E	9,197.00
	5"	141.3mm	705MT01411	7,687.00	705141G3E	9,197.00
	165.1mm	165.1mm	705MT01651	8,500.00	705165G3E	10,311.00
	6"	168.3mm	705MT01681	8,500.00	705168G3E	10,311.00
	216.3mm	216.3mm	705MT02161	10,962.00	705216G3E	13,934.00
	8"	219.1mm	705MT02191	10,962.00	705219G3E	13,934.00
	10"	273.0mm	705MT02731	21,343.00	705273G3E	28,705.00
12"	323.9mm	705MT03241	25,070.00	705324G3E	33,013.00	

Metric bolts are supplied as standard.


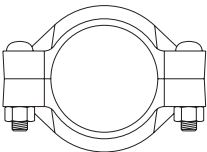
Orders for items in shaded areas *cannot* be cancelled or returned.

Technical Data Sheet: TFP1854

**#707 HeavyDuty Flexible Coupling
 with Grade “E” EPDM Gasket**

 <small>For additional listings or approvals, visit our website at www.grinnell.com</small>	<i>Pipe Size</i>		<i>Painted</i>		<i>Galvanised</i>	
	<i>Nominal Size</i>	<i>Outside Diameter</i>	<i>Part Number</i>	<i>List Price</i>	<i>Part Number</i>	<i>List Price</i>
	1"	33.4mm	707034ME	1,277.00	707034GE	1,742.00
	1 1/4"	42.4mm	707042ME	1,695.00	707042GE	2,288.00
	1 1/2"	48.3mm	707048ME	1,858.00	707048GE	2,439.00
	2"	60.3mm	707060ME	1,974.00	707060GE	2,624.00
	2 1/2"	73.0mm	707073ME	2,311.00	707073GE	3,240.00
	76.1mm	76.1mm	707076ME	2,311.00	707076GE	3,240.00
	3"	88.9mm	707089ME	2,566.00	707089GE	3,576.00
	4"	114.3mm	707114ME	3,716.00	707114GE	5,249.00
	139.7mm	139.7mm	707139ME	6,677.00	707139GE	8,128.00
	5"	141.3mm	707141ME	6,677.00	707141GE	8,128.00
	165.1mm	165.1mm	707165ME	6,677.00	707165GE	9,603.00
	6"	168.3mm	707168ME	6,677.00	707168GE	9,603.00
	8"	219.1mm	707219ME	10,857.00	707219GE	16,187.00
	10"	273.0mm	707273ME	17,964.00	707273GE	25,779.00
12"	323.9mm	707324ME	20,460.00	707324GE	29,297.00	


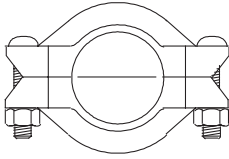
Technical Data Sheet: TFP1840
**#707 HeavyDuty Flexible Coupling
 with Grade “E” EPDM TriSeal Gasket Recommended for
 Dry Pipe Systems and Freezer Applications – Use Silicone Lubricant**

 <small>For additional listings or approvals, visit our website at www.grinnell.com</small>	<i>Pipe Size</i>		<i>Painted</i>		<i>Galvanised</i>	
	<i>Nominal Size</i>	<i>Outside Diameter</i>	<i>Part Number</i>	<i>List Price</i>	<i>Part Number</i>	<i>List Price</i>
	1"	33.4mm	707034M3E	2,044.00	707034G3E	2,520.00
	1 1/4"	42.4mm	707042M3E	2,520.00	707042G3E	3,135.00
	1 1/2"	48.3mm	707048M3E	2,624.00	707048G3E	3,275.00
	2"	60.3mm	707060M3E	2,764.00	707060G3E	3,460.00
	2 1/2"	73.0mm	707073M3E	3,367.00	707073G3E	4,296.00
	76.1mm	76.1mm	707076M3E	3,367.00	707076G3E	4,296.00
	3"	88.9mm	707089M3E	3,495.00	707089G3E	4,529.00
	4"	114.3mm	707114M3E	5,040.00	707114G3E	6,630.00
	139.7mm	139.7mm	707139M3E	8,883.00	707139G3E	11,531.00
	5"	141.3mm	707141M3E	8,883.00	707141G3E	11,531.00
	165.1mm	165.1mm	707165M3E	9,812.00	707165G3E	12,889.00
	6"	168.3mm	707168M3E	9,812.00	707168G3E	12,889.00
	8"	219.1mm	707219M3E	13,284.00	707219G3E	18,219.00
	10"	273.0mm	707273M3E	21,343.00	707273G3E	28,705.00
12"	323.9mm	707324M3E	25,070.00	707324G3E	33,013.00	

 Orders for items in shaded areas *cannot* be cancelled or returned.

Technical Data Sheet: TFP1840

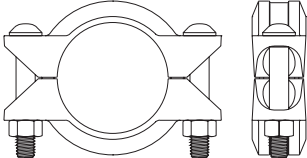
**#716 – Reducing Coupling
 with Grade “E” EPDM Gasket**

 For additional listings or approvals, visit our website at www.grinnell.com	Pipe Size		Painted		Galvanised	
	Nominal Size	Outside Diameter	Part Number	List Price	Part Number	List Price
	2" x 1 1/2"	60.3 x 48.3mm	716060048ME	2,775.00	716060048GE	4,285.00
	2 1/2" x 2"	73.0 x 60.3mm	716073060ME	3,611.00	716073060GE	4,529.00
	76.1 x 60.3mm	76.1 x 60.3mm	716076060ME	3,611.00	716076060GE	4,529.00
	3" x 2"	88.9 x 60.3mm	716089060ME	4,122.00	716089060GE	5,214.00
	3" x 2 1/2"	88.9 x 73.0mm	716089073ME	3,542.00	716089073GE	4,529.00
	3" x 76.1mm	88.9 x 76.1mm	716089076ME	3,542.00	716089076GE	4,529.00
	4" x 2"	114.3 x 60.3mm	716114060ME	6,514.00	716114060GE	8,256.00
	4" x 2 1/2"	114.3 x 73.0mm	716114073ME	5,852.00	716114073GE	7,699.00
	4" x 76.1mm	114.3 x 76.1mm	716114076ME	5,852.00	716114076GE	7,699.00
	4" x 3"	114.3 x 88.9mm	716114089ME	5,481.00	716114089GE	7,072.00
	139.7 x 114.3mm	139.7 x 114.3mm	716139114ME	7,374.00	716139114GE	9,708.00
	5" x 4"	141.3 x 114.3mm	716141114ME	7,374.00	716141114GE	9,708.00
	165.1 x 114.3mm	165.1 x 114.3mm	716165114ME	11,124.00	716165114GE	14,039.00
	6" x 4"	168.3 x 114.3mm	716168114ME	11,124.00	716168114GE	14,039.00
	6" x 5"	168.3 x 141.3mm	716168141ME	9,731.00	716168141GE	12,634.00
	8" x 6"	219.1 x 168.3mm	716219168ME	16,663.00	716219168GE	21,122.00

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: TFP1830

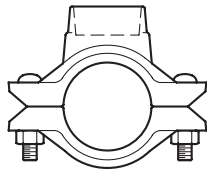
**#770 High Pressure Rigid Coupling
 with Grade “E” EPDM**

	Pipe Size		Painted		Galvanised	
	Nominal Size	Outside Diameter	Grade “E” EPDM	List Price	Grade “E” EPDM	List Price
2"	60.3mm	770060ME	2,427.00	770060GE	3,275.00	
2 1/2"	73.0mm	770073ME	2,903.00	770073GE	3,727.00	
76.1mm	76.1mm	770076ME	2,903.00	770076GE	3,727.00	
3"	88.9mm	770089ME	3,066.00	770089GE	4,169.00	
4"	114.3mm	770114ME	4,494.00	770114GE	6,396.00	
139.7mm	139.7mm	770139ME	POA	770139GE	POA	
5"	141.3mm	770141ME	POA	770141GE	POA	
165.1mm	165.1mm	770165ME	8,105.00	770165GE	11,705.00	
6"	168.3mm	770168ME	8,105.00	770168GE	11,705.00	
8"	219.1mm	770219ME	13,017.00	770219GE	18,695.00	
10"	273.0mm	770273ME	24,072.00	770273GE	32,955.00	
12"	323.9mm	770324ME	35,091.00	770324GE	46,971.00	

Orders for items in shaded areas **cannot** be cancelled or returned.

For price and availability for the #770 High Pressure Rigid Coupling with Grade “E” EPDM TriSeal, Grade “T” Nitrile TriSeal, Grade “L” Silicone, or Grade “O” Fluoroelastomer Gasket, contact GRINNELL Products.

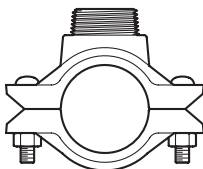
Technical Data Sheet: G138

**#702 – Outlet Couplin, Grade “E” Gasket,
 Female BSP Threaded End, Painted***

**BSP
 Threaded**

	Pipe Size		Part Number	List Price
	Nominal Size	Outside Diameter		
	1½" x ½"	48.3 x 21.3mm	702T048021FES	3,530.00
	1½" x ¾"	48.3 x 26.7mm	702T048027FES	3,530.00
	1½" x 1"	48.3 x 33.4mm	702T048034FES	3,530.00
	2" x ½"	60.3 x 21.3mm	702T060021FES	3,611.00
	2" x ¾"	60.3 x 26.7mm	702T060027FES	3,611.00
	2" x 1"	60.3 x 33.4mm	702T060034FES	3,611.00
	2½" x ½"	73.0 x 21.3mm	702T073021FES	5,574.00
	2½" x ¾"	73.0 x 26.7mm	702T073027FES	5,574.00
	2½" x 1"	73.0 x 33.4mm	702T073034FES	5,574.00
	2½" x 1¼"	73.0 x 42.4mm	702T073042FES	6,294.00
	2½" x 1½"	73.0 x 48.3mm	702T073048FES	7,107.00
	3" x ¾"	88.9 x 26.7mm	702T089027FES	5,388.00
	3" x 1"	88.9 x 33.4mm	702T089034FES	7,107.00
	3" x 1¼"	88.9 x 42.4mm	702T089042FES	8,175.00
	3" x 1½"	88.9 x 48.3mm	702T089048FES	8,175.00
	4" x ¾"	114.3 x 26.7mm	702T114027FES	7,908.00
	4" x 1"	114.3 x 33.4mm	702T114034FES	7,908.00
	4" x 1½"	114.3 x 48.3mm	702T114048FES	11,217.00
	4" x 2"	114.3 x 60.3mm	702T114060FES	11,217.00
	6" x 1"	168.3 x 33.4mm	702T168034FES	15,874.00
	6" x 1½"	168.3 x 48.3mm	702T168048FES	15,874.00
	6" x 2"	168.3 x 60.3mm	702T168060FES	15,874.00

* Galvanised available upon request.

 Orders for items in shaded areas **cannot** be cancelled or returned.

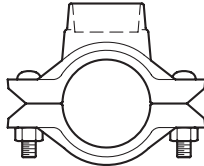
**#702 – Outlet Coupling, Grade “E” Gasket,
 Male BSP Threaded End, Painted***

**BSP
 Threaded**

	Pipe Size		Part Number	List Price
	Nominal Size	Outside Diameter		
	2" x 1"	60.3 x 33.4mm	702T060034MES	4,320.00
	2½" x 1¼"	73.0 x 42.4mm	702T073042MES	7,501.00
	2½" x 1½"	73.0 x 48.3mm	702T073048MES	8,477.00
	3" x 1"	88.9 x 33.4mm	702T089034MES	8,477.00
	3" x 1½"	88.9 x 48.3mm	702T089048MES	9,731.00
	4" x 1½"	114.3 x 48.3mm	702T114048MES	13,354.00
	4" x 2"	114.3 x 60.3mm	702T114060MES	13,354.00
	6" x 1½"	168.3 x 48.3mm	702T168048MES	18,881.00
	6" x 2"	168.3 x 60.3mm	702T168060MES	18,881.00

* Galvanised available upon request.

 Orders for items in shaded areas **cannot** be cancelled or returned.

**#702 – Outlet Coupling, Grade “E” Gasket,
 Female NPT Threaded End, Painted***



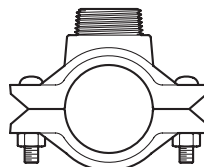
**NPT
 Threaded**

	Pipe Size		Part Number	List Price
	Nominal Size	Outside Diameter		
	1½" x ½"	48.3 x 21.3mm	702N048021FES	3,530.00
	1½" x ¾"	48.3 x 26.7mm	702N048027FES	3,530.00
	1½" x 1"	48.3 x 33.4mm	702N048034FES	3,530.00
	2" x ½"	60.3 x 21.3mm	702N060021FES	3,611.00
	2" x ¾"	60.3 x 26.7mm	702N060027FES	3,611.00
	2" x 1"	60.3 x 33.4mm	702N060034FES	3,611.00
	2½" x ½"	73.0 x 21.3mm	702N073021FES	5,574.00
	2½" x ¾"	73.0 x 26.7mm	702N073027FES	5,574.00
	2½" x 1"	73.0 x 33.4mm	702N073034FES	5,574.00
	2½" x 1¼"	73.0 x 42.4mm	702N073042FES	6,294.00
	2½" x 1½"	73.0 x 48.3mm	702N073048FES	7,107.00
	3" x ¾"	88.9 x 26.7mm	702N089027FES	5,388.00
	3" x 1"	88.9 x 33.4mm	702N089034FES	7,107.00
	3" x 1¼"	88.9 x 42.4mm	702N089042FES	8,175.00
	3" x 1½"	88.9 x 48.3mm	702N089048FES	8,175.00
	4" x ¾"	114.3 x 26.7mm	702N114027FES	7,908.00
	4" x 1"	114.3 x 33.4mm	702N114034FES	7,908.00
	4" x 1½"	114.3 x 48.3mm	702N114048FES	11,217.00
	4" x 2"	114.3 x 60.3mm	702N114060FES	11,217.00
	6" x 1"	168.3 x 33.4mm	702N168034FES	15,874.00
	6" x 1½"	168.3 x 48.3mm	702N168048FES	15,874.00
	6" x 2"	168.3 x 60.3mm	702N168060FES	15,874.00

* Galvanised available upon request.

Orders for items in shaded areas **cannot** be cancelled or returned.

**#702 – Outlet Coupling, Grade “E” Gasket,
 Male NPT Threaded End, Painted***



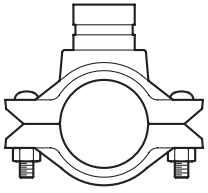
**NPT
 Threaded**

	Pipe Size		Part Number	List Price
	Nominal Size	Outside Diameter		
	2" x 1"	60.3 x 33.4mm	702N060034MES	4,320.00
	2½" x 1¼"	73.0 x 42.4mm	702N073042MES	7,501.00
	2½" x 1½"	73.0 x 48.3mm	702N073048MES	8,477.00
	3" x 1"	88.9 x 33.4mm	702N089034MES	8,477.00
	3" x 1½"	88.9 x 48.3mm	702N089048MES	9,731.00
	4" x 1½"	114.3 x 48.3mm	702N114048MES	13,354.00
	4" x 2"	114.3 x 60.3mm	702N114060MES	13,354.00
	6" x 1½"	168.3 x 48.3mm	702N168048MES	18,881.00
	6" x 2"	168.3 x 60.3mm	702N168060MES	18,881.00

* Galvanised available upon request.

Orders for items in shaded areas **cannot** be cancelled or returned.


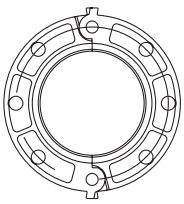
#702 – Outlet Coupling
Grade “E” Gasket, Grooved End, Painted*

	Pipe Size		Part Number	List Price
	Nominal Size	Outside Diameter		
	2" x 1"	60.3 x 33.4mm	702060034GES	4,320.00
	2½" x 1¼"	73.0 x 42.4mm	702073042GES	7,501.00
	2½" x 1½"	73.0 x 48.3mm	702073048GES	8,477.00
	3" x 1"	88.9 x 33.4mm	702089034GES	8,477.00
	3" x 1½"	88.9 x 48.3mm	702089048GES	9,731.00
	4" x ¾"	114.3 x 26.7mm	702114027GES	12,137.00
	4" x 1"	114.3 x 33.4mm	702114034GES	12,137.00
	4" x 1½"	114.3 x 48.3mm	702114048GES	13,354.00
	4" x 2"	114.3 x 60.3mm	702114060GES	13,354.00
	6" x 1"	168.3 x 33.4mm	702168034GES	16,905.00
	6" x 1¼"	168.3 x 42.4mm	702168042GES	16,905.00
	6" x 1½"	168.3 x 48.3mm	702168048GES	18,881.00
	6" x 2"	168.3 x 60.3mm	702168060GES	18,881.00

Metric sizes available upon request.
 * Galvanised available upon request.

Orders for items in shaded areas **cannot** be cancelled or returned.


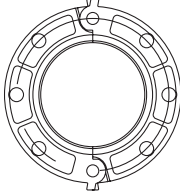
#71 – Grooved Flange Adaptor – PN10
with Grade “E” EPDM Gasket

 <small>For additional listings or approvals, visit our website at www.grinnell.com</small>	Pipe Size		Painted		Galvanised	
	Nominal Size	Outside Diameter	Part Number	List Price	Part Number	List Price
	8"	219.1mm	71DME82191	16,663.00	71D10219G	20,844.00
	10"	273.0mm	71DME82731	32,154.00	71D108273G	40,863.00
	12"	323.9mm	71DME83241	42,082.00	71D108324G	54,077.00

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: TFP1880


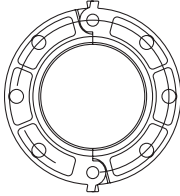
**#71 – Grooved Flange Adaptor – PN16
 with Grade “E” EPDM Gasket**

 <small>For additional listings or approvals, visit our website at www.grinnell.com</small>	Pipe Size		Painted		Galvanised	
	Nominal Size	Outside Diameter	Part Number	List Price	Part Number	List Price
		2"	60.3mm	71DME00601	5,887.00	71D16060GE
76.1mm		76.1mm	71DME00761	6,886.00	71D16076GE	8,200.00
3"		88.9mm	71DME00891	7,757.00	71D16089GE	9,324.00
4"		114.3mm	71DME01141	10,102.00	71D16114GE	12,320.00
139.7mm		139.7mm	71DME01391	12,169.00	71D16139GE	14,805.00
165.1mm		165.1mm	71DME01651	13,249.00	71D16165GE	16,129.00
8"		219.1mm	71DME02191	16,663.00	71D16219GE	20,844.00
10"		273.0mm	71DME02731	32,154.00	71D16273GE	40,863.00
12"		323.9mm	71DME03241	42,082.00	71D16324GE	54,077.00

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: TFP1880


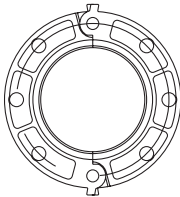
**#71 – Grooved Flange Adaptor – AS2129 Table E
 with Grade “E” EPDM Gasket**

 <small>For additional listings or approvals, visit our website at www.grinnell.com</small>	Pipe Size		Painted		Galvanised	
	Nominal Size	Outside Diameter	Part Number	List Price	Part Number	List Price
		3"	88.9mm	71BME00891	POA	71E10089GE
4"		114.3mm	71BME01141	POA	71E10114GE	POA
139.7mm		139.7mm	71BME01391	POA	71E10139GE	POA
165.1mm		165.1mm	71BME01651	POA	71E10165GE	POA
8"		219.1mm	71BME02191	POA	71E10219GE	POA

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: TFP1880


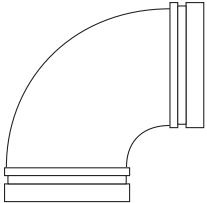
**#71 – Grooved Flange Adaptor – ANSI Class 150
 with Grade “E” EPDM Gasket**

 <small>For additional listings or approvals, visit our website at www.grinnell.com</small>	Pipe Size		Painted		Galvanised	
	Nominal Size	Outside Diameter	Part Number	List Price	Part Number	List Price
		2"	60.3mm	71AME00601	5,887.00	71AN060GE
2 1/2"		73.0mm	71AME00731	6,886.00	71AN073GE	8,186.00
3"		88.9mm	71AME00891	7,757.00	71AN089GE	9,324.00
4"		114.3mm	71AME01141	10,102.00	71AN114GE	12,320.00
5"		141.3mm	71AME01411	12,169.00	71AN141GE	14,805.00
6"		168.3mm	71AME01681	13,249.00	71AN168GE	16,129.00
8"		219.1mm	71AME02191	16,663.00	71AN219GE	20,844.00
10"		273.0mm	71AME02731	32,154.00	71AN273GE	40,863.00
12"		323.9mm	71AME03241	42,082.00	71AN324GE	54,077.00


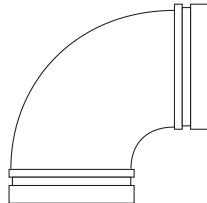
Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: TFP1880


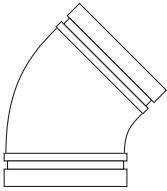
#510S – G-FIRE Short Pattern Cast Grooved 90° Elbow

 <small>For additional listings or approvals, visit our website at www.grinnell.com</small>	<i>Pipe Size</i>		<i>Painted</i>		<i>Galvanised</i>	
	<i>Nominal Size</i>	<i>Outside Diameter</i>	<i>Part Number</i>	<i>List Price</i>	<i>Part Number</i>	<i>List Price</i>
	2"	60.3mm	510SA00601	1,347.00	510SA00602	1,602.00
	2 1/2"	73.0mm	510SA00731	1,916.00	510SA00732	2,264.00
	76.1mm	76.1mm	510SA00761	1,823.00	510SA00762	2,264.00
	3"	88.9mm	510SA00891	2,218.00	510SA00892	2,949.00
	4"	114.3mm	510SA01141	3,739.00	510SA01142	4,436.00
	139.7mm	139.7mm	510SA01391	14,155.00	510SA01392	9,986.00
	5"	141.3mm	510SA01411	14,155.00	510SA01412	9,986.00
	165.1mm	165.1mm	510SA01651	10,242.00	510SA01652	12,274.00
	6"	168.3mm	510SA01681	10,242.00	510SA01682	12,274.00
8"	219.1mm	510SA02191	19,822.00	510SA02192	24,850.00	
All elbows are cast fittings.						
Orders for items in shaded areas cannot be cancelled or returned.						
Technical Data Sheet: TFP1810						

#510 – G-FIRE Standard Pattern Grooved 90° Elbow


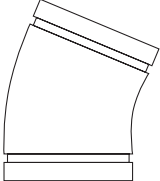
 <small>For additional listings or approvals, visit our website at www.grinnell.com</small>	<i>Pipe Size</i>		<i>Painted</i>		<i>Galvanised</i>	
	<i>Nominal Size</i>	<i>Outside Diameter</i>	<i>Part Number</i>	<i>List Price</i>	<i>Part Number</i>	<i>List Price</i>
	1"	33.4mm	510A000341	2,369.00	510A000342	3,147.00
	1 1/4"	42.4mm	510A000421	2,369.00	510A000422	3,147.00
	1 1/2"	48.3mm	510A000481	2,369.00	510A000482	3,147.00
	2"	60.3mm	510A000601	2,369.00	510A000602	3,147.00
	2 1/2"	73.0mm	510A000731	2,369.00	510A000732	3,147.00
	76.1mm	76.1mm	510A000761	2,589.00	510A000762	3,147.00
	3"	88.9mm	510A000891	4,192.00	510A000892	5,249.00
	4"	114.3mm	510A001141	4,575.00	510A001142	6,398.00
	139.7mm	139.7mm	510A001391	10,962.00	510A001392	14,178.00
	5"	141.3mm	510A001411	10,962.00	510A001412	14,178.00
	165.1mm	165.1mm	510A001651	12,878.00	510A001652	17,070.00
	6"	168.3mm	510A001681	12,878.00	510A001682	17,070.00
	8"	219.1mm	510A002191	26,893.00	510A002192	35,451.00
	10"	273.0mm	510A002731	48,863.00	510A002732	62,415.00
12"	323.9mm	510A003241	74,537.00	510A003242	100,978.00	
All elbows are cast fittings.						
Technical Data Sheet: TFP1810						

#501 – G-FIRE Grooved 45° Elbow

 For additional listings or approvals, visit our website at www.grinnell.com	Pipe Size		Painted		Galvanised	
	Nominal Size	Outside Diameter	Part Number	List Price	Part Number	List Price
	1"	33.4mm	501M000341	2,369.00	501M000342	2,984.00
	1 1/4"	42.4mm	501M000421	2,369.00	501M000422	2,984.00
	1 1/2"	48.3mm	501M000481	2,369.00	501M000482	2,984.00
	2"	60.3mm	501M000601	2,369.00	501M000602	2,984.00
	2 1/2"	73.0mm	501M000731	2,369.00	501M000732	2,984.00
	76.1mm	76.1mm	501M000761	2,369.00	501M000762	2,984.00
	3"	88.9mm	501M000891	4,192.00	501M000892	4,958.00
	4"	114.3mm	501M001141	4,865.00	501M001142	6,375.00
	139.7mm	139.7mm	501M001391	10,962.00	501M001392	13,598.00
	5"	141.3mm	501M001411	10,962.00	501M001412	13,598.00
	165.1mm	165.1mm	501M001651	12,878.00	501M001652	16,268.00
	6"	168.3mm	501M001681	12,878.00	501M001682	16,268.00
	8"	219.1mm	501M002191	26,893.00	501M002192	33,756.00
	10"	273.0mm	501M002731	48,863.00	501M002732	53,322.00
12"	323.9mm	501M003241	74,537.00	501M003242	91,235.00	


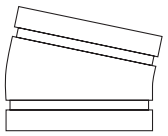
All elbows are cast fittings.
 Orders for items in shaded areas **cannot** be cancelled or returned.
Technical Data Sheet: TFP1810

#212 and #312 – Grooved 22 1/2° Elbow

 For additional listings or approvals, visit our website at www.grinnell.com	Pipe Size		Painted		Galvanised	
	Nominal Size	Outside Diameter	Part Number	List Price	Part Number	List Price
	1"	33.4mm	312034M	15,096.00	312034G	15,641.00
	1 1/4" *	42.4mm	212042M	2,566.00	212042G	3,275.00
	1 1/2" *	48.3mm	212048M	2,566.00	212048G	3,275.00
	2" *	60.3mm	212060M	2,566.00	212060G	3,275.00
	2 1/2" *	73.0mm	212073M	2,566.00	212073G	3,275.00
	76.1mm *	76.1mm	212076M	2,566.00	212076G	3,275.00
	3" *	88.9mm	212089M	3,716.00	212089G	4,703.00
	4" *	114.3mm	212114M	4,947.00	212114G	6,410.00
	139.7mm *	139.7mm	212139M	15,235.00	212139G	18,382.00
	5" *	141.3mm	212141M	15,235.00	212141G	18,382.00
	165.1mm *	165.1mm	212165M	13,923.00	212165G	17,743.00
	6" *	168.3mm	212168M	13,923.00	212168G	17,743.00
	8" *	219.1mm	212219M	29,042.00	212219G	36,078.00
	10"	273.0mm	312273M	39,806.00	312273G	51,697.00
12"	323.9mm	312324M	53,810.00	312324G	66,723.00	

Elbow is segmentally welded except where a * indicates it is available as a cast fitting.
 Orders for items in shaded areas **cannot** be cancelled or returned.
Technical Data Sheet: TFP1810

#211 and #311 – Grooved 11¹/₄° Elbow


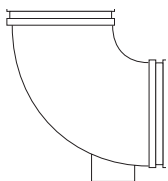
 <small>For additional listings or approvals, visit our website at www.grinnell.com</small>	Pipe Size		Painted		Galvanised	
	Nominal Size	Outside Diameter	Part Number	List Price	Part Number	List Price
	1"	33.4mm	311034M	6,015.00	311034G	7,014.00
	1 ¹ / ₄ " *	42.4mm	211042M	2,566.00	211042G	3,275.00
	1 ¹ / ₂ " *	48.3mm	211048M	2,566.00	211048G	3,275.00
	2" *	60.3mm	211060M	5,992.00	211060G	7,014.00
	2 ¹ / ₂ " *	73.0mm	211073M	5,992.00	211073G	7,014.00
	76.1mm *	76.1mm	211076M	5,992.00	211076G	7,014.00
	3" *	88.9mm	211089M	3,716.00	211089G	4,633.00
	4" *	114.3mm	211114M	4,575.00	211114G	6,085.00
	139.7mm *	139.7mm	211139M	15,235.00	211139G	17,917.00
	5" *	141.3mm	211141M	15,235.00	211141G	17,917.00
	165.1mm *	165.1mm	211165M	13,923.00	211165G	16,826.00
	6" *	168.3mm	211168M	13,923.00	211168G	16,826.00
	8" *	219.1mm	211219M	24,815.00	211219G	29,494.00
10"	273.0mm	311273M	37,158.00	311273G	44,358.00	
12"	323.9mm	311324M	53,810.00	311324G	65,178.00	

Elbow is segmentally welded except where a * indicates it is available as a cast fitting.

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: TFP1810

#510DE – G-FIRE 90° Elbow with 25mm Outlet

 <small>For additional listings or approvals, visit our website at www.grinnell.com</small>	Pipe Size		Painted		Galvanised	
	Nominal Size	Outside Diameter	Part Number	List Price	Part Number	List Price
	2"	60.3mm	510DE0601	5,574.00	510DE0602	7,188.00
	2 ¹ / ₂ " *	73.0mm	510DE0731	5,574.00	510DE0732	7,188.00
	3" *	88.9mm	510DE0891	7,130.00	510DE0892	8,535.00
	4" *	114.3mm	510DE1141	7,258.00	510DE1142	9,870.00
	6" *	168.3mm	510DE1681	12,773.00	510DE1682	18,161.00
	8"	219.1mm	510DE2191	POA	510DE2192	POA

Elbow is segmentally welded except where a * indicates it is available as a cast fitting.

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: TFP1810

#508 – Standpipe Tee

Pipe Size		Painted		Galvanised	
Nominal Size	Outside Diameter	Part Number	List Price	Part Number	List Price
4" x 4" x 2 ¹ / ₂ "	114.3 x 114.3 x 73.0mm	50842251	11,380.00	50842252	13,900.00
6" x 6" x 2 ¹ / ₂ "	168.3 x 168.3 x 73.0mm	50863251	23,224.00	50863252	20,240.00


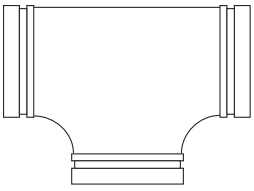
Orders for items in shaded areas **cannot** be cancelled or returned.

#507/#50L – Bullhead Tee


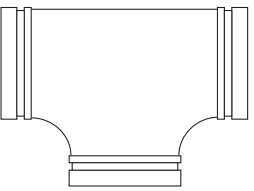
Pipe Size		Painted		Galvanised	
Nominal Size	Outside Diameter	Part Number	List Price	Part Number	List Price
5" x 5" x 8"	141.3 x 141.3 x 219.1mm	50753801	58,722.00	50753802	74,003.00
6" x 6" x 8"	168.3 x 168.3 x 219.1mm	50763801	67,164.00	50763802	83,037.00

Orders for items in shaded areas **cannot** be cancelled or returned.

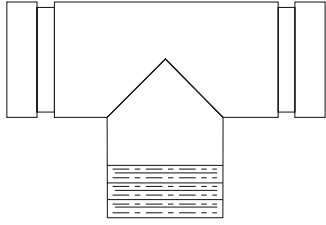
#519S – G-FIRE Short Pattern Grooved Tee

 For additional listings or approvals, visit our website at www.grinnell.com	Pipe Size		Painted		Galvanised	
	Nominal Size	Outside Diameter	Part Number	List Price	Part Number	List Price
	2"	60.3mm	519SA00601	2,055.00	519SA00602	2,369.00
	2½"	73.0mm	519SA00731	2,845.00	519SA00732	3,251.00
	76.1mm	76.1mm	519SA00761	2,845.00	519SA00762	3,251.00
	3"	88.9mm	519SA00891	3,530.00	519SA00892	4,552.00
	4"	114.3mm	519SA01141	5,353.00	519SA01142	7,025.00
	139.7mm	139.7mm	519SA01391	21,053.00	519SA01392	15,665.00
	5"	141.3mm	519SA01411	21,053.00	519SA01412	15,665.00
	165.1mm	165.1mm	519SA01651	17,941.00	519SA01652	18,811.00
	6"	168.3mm	519SA01681	17,941.00	519SA01682	18,811.00
8"	219.1mm	519SA02191	30,644.00	519SA02192	40,503.00	
All tees are cast fittings.						
Orders for items in shaded areas <i>cannot</i> be cancelled or returned.						
Technical Data Sheet: TFP1810						

#519 – G-FIRE Standard Pattern Grooved Tee

 For additional listings or approvals, visit our website at www.grinnell.com	Pipe Size		Painted		Galvanised	
	Nominal Size	Outside Diameter	Part Number	List Price	Part Number	List Price
	1"	33.4mm	519A000341	3,658.00	519A000342	4,807.00
	1¼"	42.4mm	519A000421	3,658.00	519A000422	4,807.00
	1½"	48.3mm	519A000481	3,658.00	519A000482	4,807.00
	2"	60.3mm	519A000601	3,658.00	519A000602	4,807.00
	2½"	73.0mm	519A000731	3,658.00	519A000732	4,807.00
	76.1mm	76.1mm	519A000761	3,658.00	519A000762	4,807.00
	3"	88.9mm	519A000891	5,074.00	519A000892	6,967.00
	4"	114.3mm	519A001141	7,734.00	519A001142	10,520.00
	139.7mm	139.7mm	519A001391	18,103.00	519A001392	22,969.00
	5"	141.3mm	519A001411	18,103.00	519A001412	22,969.00
	165.1mm	165.1mm	519A001651	20,890.00	519A001652	28,507.00
	6"	168.3mm	519A001681	20,890.00	519A001682	28,507.00
	8"	219.1mm	519A002191	45,798.00	519A002192	60,139.00
	10"	273.0mm	519A002731	95,160.00	519A002732	123,227.00
	12"	323.9mm	519A003241	132,632.00	519A003242	169,419.00
All tees are cast fittings.						
Orders for items in shaded areas <i>cannot</i> be cancelled or returned.						
Technical Data Sheet: TFP1810						

#320 Groove x Male BSP Thread – Tee

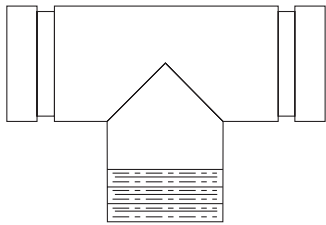
	Pipe Size		Painted		Galvanised	
	Nominal Size	O.D. Size	Part Number	List Price	Part Number	List Price
 <p>BSP Threaded</p>	1"	33.4mm	320T034M	7,745.00	320T034G	9,139.00
	1 1/4"	42.4mm	320T042M	7,745.00	320T042G	9,139.00
	1 1/2"	48.3mm	320T048M	12,123.00	320T048G	14,283.00
	2"	60.3mm	320T060M	7,745.00	320T060G	9,139.00
	2 1/2"	73.0mm	320T073M	9,285.00	320T073G	10,868.00
	76.1mm	76.1mm	320T076M	9,285.00	320T076G	10,868.00
	3"	88.9mm	320T089M	10,323.00	320T089G	12,355.00
	4"	114.3mm	320T114M	16,094.00	320T114G	22,144.00
	139.7mm	139.7mm	320T139M	36,137.00	320T139G	42,316.00
	5"	141.3mm	320T141M	36,137.00	320T141G	42,316.00
	165.1mm	165.1mm	320T165M	41,362.00	320T165G	48,701.00
	6"	168.3mm	320T168M	41,362.00	320T168G	48,701.00
	8"	219.1mm	320T219M	POA	320T219G	POA
	10"	273.0mm	320T273M	POA	320T273G	POA
12"	323.9mm	320T324M	POA	320T324G	POA	

Tee is segmentally welded.

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: TFP1810

#320 Groove x Male NPT Thread – Tee

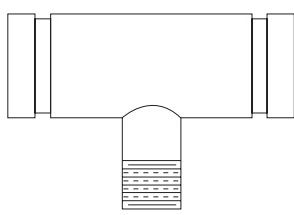
	Pipe Size		Painted		Galvanised	
	Nominal Size	O.D. Size	Part Number	List Price	Part Number	List Price
 <p>NPT Threaded</p>	1"	33.4mm	320N034M	7,745.00	320N034G	9,139.00
	1 1/4"	42.4mm	320N042M	7,745.00	320N042G	9,139.00
	1 1/2"	48.3mm	320N048M	12,123.00	320N048G	14,283.00
	2"	60.3mm	320N060M	7,745.00	320N060G	9,139.00
	2 1/2"	73.0mm	320N073M	9,285.00	320N073G	10,868.00
	76.1mm	76.1mm	320N076M	9,285.00	320N076G	10,868.00
	3"	88.9mm	320N089M	10,323.00	320N089G	12,355.00
	4"	114.3mm	320N114M	16,094.00	320N114G	22,144.00
	139.7mm	139.7mm	320N139M	36,137.00	320N139G	42,316.00
	5"	141.3mm	320N141M	36,137.00	320N141G	42,316.00
	165.1mm	165.1mm	320N165M	41,362.00	320N165G	48,701.00
	6"	168.3mm	320N168M	41,362.00	320N168G	48,701.00
	8"	219.1mm	320N219M	POA	320N219G	POA
	10"	273.0mm	320N273M	POA	320N273G	POA
12"	323.9mm	320N324M	POA	320N324G	POA	

Tee is segmentally welded.

Orders for items in shaded areas **cannot** be cancelled or returned.

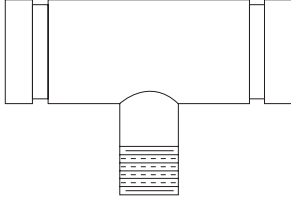
Technical Data Sheet: TFP1810

#323 – Reducing Tee with BSP Threaded Branch

	Pipe Size		Painted		Galvanised	
	Nominal Size	Outside Diameter	Part Number	List Price	Part Number	List Price
 <p>BSP Threaded</p>	2" x 3/4"	60.3 x 26.7mm	323T060027M	9,081.00	323T060027G	10,683.00
	2" x 1"	60.3 x 33.4mm	323T060034M	8,279.00	323T060034G	9,754.00
	2" x 1 1/4"	60.3 x 42.4mm	323T060042M	13,934.00	323T060042G	14,875.00
	2" x 1 1/2"	60.3 x 48.3mm	323T060048M	8,279.00	323T060048G	9,812.00
	2 1/2" x 3/4"	73.0 x 26.7mm	323T073027M	16,257.00	323T073027G	16,791.00
	2 1/2" x 1"	73.0 x 33.4mm	323T073034M	8,279.00	323T073034G	9,754.00
	2 1/2" x 1 1/4"	73.0 x 42.4mm	323T073042M	18,126.00	323T073042G	18,614.00
	2 1/2" x 1 1/2"	73.0 x 48.3mm	323T073048M	8,279.00	323T073048G	9,812.00
	2 1/2" x 2"	73.0 x 60.3mm	323T073060M	8,279.00	323T073060G	9,905.00
	76.1mm x 3/4"	76.1 x 26.7mm	323T076027M	16,257.00	323T076027G	16,791.00
	76.1mm x 1"	76.1 x 33.4mm	323T076034M	8,279.00	323T076034G	9,754.00
	76.1mm x 1 1/4"	76.1 x 42.4mm	323T076042M	18,126.00	323T076042G	18,614.00
	76.1mm x 1 1/2"	76.1 x 48.3mm	323T076048M	8,279.00	323T076048G	9,812.00
	76.1mm x 2"	76.1 x 60.3mm	323T076060M	8,279.00	323T076060G	9,905.00
	3" x 3/4"	88.9 x 26.7mm	323T089027M	15,200.00	323T089027G	16,141.00
	3" x 1"	88.9 x 33.4mm	323T089034M	8,279.00	323T089034G	10,346.00
	3" x 1 1/4"	88.9 x 42.4mm	323T089042M	20,449.00	323T089042G	21,773.00
	3" x 1 1/2"	88.9 x 48.3mm	323T089048M	8,279.00	323T089048G	10,416.00
	3" x 2"	88.9 x 60.3mm	323T089060M	8,279.00	323T089060G	10,416.00
	3" x 2 1/2"	88.9 x 73.0mm	323T089073M	19,973.00	323T089073G	21,645.00
	3" x 76.1mm	88.9 x 76.1mm	323T089076M	19,973.00	323T089076G	21,645.00
	4" x 3/4"	114.3 x 26.7mm	323T114027M	22,074.00	323T114027G	27,184.00
	4" x 1"	114.3 x 33.4mm	323T114034M	10,335.00	323T114034G	12,785.00
	4" x 1 1/4"	114.3 x 42.4mm	323T114042M	21,296.00	323T114042G	22,945.00
	4" x 1 1/2"	114.3 x 48.3mm	323T114048M	10,335.00	323T114048G	12,982.00
	4" x 2"	114.3 x 60.3mm	323T114060M	10,335.00	323T114060G	12,982.00
	4" x 2 1/2"	114.3 x 73.0mm	323T114073M	10,335.00	323T114073G	13,342.00
	4" x 76.1mm	114.3 x 76.1mm	323T114076M	10,335.00	323T114076G	13,342.00
	4" x 3"	114.3 x 88.9mm	323T114089M	10,335.00	323T114089G	13,400.00
	5" x 2"	141.3 x 60.3mm	323T141060M	22,156.00	323T141060G	24,188.00
	5" x 2 1/2"	141.3 x 73.0mm	323T141073M	19,938.00	323T141073G	25,244.00
	5" x 76.1mm	141.3 x 76.1mm	323T141076M	19,938.00	323T141076G	25,244.00
	5" x 3"	141.3 x 88.9mm	323T141089M	18,428.00	323T141089G	23,212.00
	5" x 4"	141.3 x 114.3mm	323T141114M	19,938.00	323T141114G	27,184.00
	165.1mm x 1"	165.1 x 33.4mm	323T165034M	30,284.00	323T165034G	35,184.00
	165.1mm x 1 1/2"	165.1 x 48.3mm	323T165048M	27,706.00	323T165048G	33,686.00
	165.1mm x 2"	165.1 x 60.3mm	323T165060M	25,883.00	323T165060G	46,076.00
	165.1mm x 2 1/2"	165.1 x 73.0mm	323T165073M	25,883.00	323T165073G	46,076.00
	165.1 x 76.1mm	165.1 x 76.1mm	323T165076M	25,883.00	323T165076G	46,076.00
	165.1mm x 3"	165.1 x 88.9mm	323T165089M	25,883.00	323T165089G	46,076.00
165.1mm x 4"	165.1 x 114.3mm	323T165114M	32,711.00	323T165114G	35,184.00	
165.1mm x 5"	165.1 x 141.3mm	323T165141M	25,883.00	323T165141G	46,076.00	
6" x 1"	168.3 x 33.4mm	323T168034M	30,284.00	323T168034G	35,184.00	
6" x 1 1/2"	168.3 x 48.3mm	323T168048M	27,706.00	323T168048G	33,686.00	
6" x 2"	168.3 x 60.3mm	323T168060M	25,883.00	323T168060G	46,076.00	
6" x 2 1/2"	168.3 x 73.0mm	323T168073M	25,883.00	323T168073G	46,076.00	
6" x 76.1mm	168.3 x 76.1mm	323T168076M	25,883.00	323T168076G	46,076.00	
6" x 3"	168.3 x 88.9mm	323T168089M	25,883.00	323T168089G	46,076.00	
6" x 4"	168.3 x 114.3mm	323T168114M	32,711.00	323T168114G	35,184.00	
6" x 5"	168.3 x 141.3mm	323T168141M	25,883.00	323T168141G	46,076.00	

Introduction
 Couplings & Fittings
 Mechanical Tees
 Valves
 Gaskets & Spare Parts
 Preparation Equipment
 Miscellaneous
 Indices

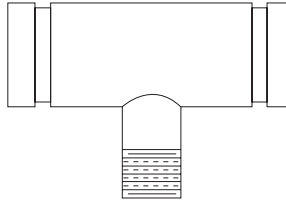
#323 – Reducing Tee with BSP Threaded Branch

	Pipe Size		Painted		Galvanised	
	Nominal Size	Outside Diameter	Part Number	List Price	Part Number	List Price
 (Continued from Previous Page)	8" x 2"	219.1 x 60.3mm	323T219060M	31,689.00	323T219060G	43,731.00
	8" x 3"	219.1 x 88.9mm	323T219089M	43,731.00	323T219089G	56,701.00
	8" x 4"	219.1 x 114.3mm	323T219114M	45,798.00	323T219114G	59,210.00
	8" x 5"	219.1 x 141.3mm	323T219141M	45,798.00	323T219141G	59,570.00
	8" x 165.1mm	219.1 x 165.1mm	323T219165M	50,675.00	323T219165G	69,672.00
		219.1 x 168.3mm	323T219168M	50,675.00	323T219168G	69,672.00
	10" x 2"	273.0 x 60.3mm	323T273060M	55,203.00	323T273060G	80,657.00
	10" x 3"	273.0 x 88.9mm	323T273089M	55,203.00	323T273089G	68,464.00
	10" x 4"	273.0 x 114.3mm	323T273114M	57,700.00	323T273114G	73,759.00
	10" x 5"	273.0 x 141.3mm	323T273141M	50,744.00	323T273141G	75,315.00
	10" x 165.1mm	273.0 x 165.1mm	323T273165M	58,989.00	323T273165G	76,279.00
		273.0 x 168.3mm	323T273168M	58,989.00	323T273168G	76,279.00
	10" x 8"	273.0 x 219.1mm	323T273219M	79,565.00	323T273219G	88,971.00
	12" x 3"	323.9 x 88.9mm	323T324089M	74,317.00	323T324089G	95,962.00
	12" x 4"	323.9 x 114.3mm	323T324114M	79,635.00	323T324114G	102,290.00
	12" x 5"	323.9 x 141.3mm	323T324141M	84,210.00	323T324141G	109,373.00
	12" x 165.1mm	323.9 x 165.1mm	323T324165M	85,209.00	323T324165G	111,452.00
		323.9 x 168.3mm	323T324168M	85,209.00	323T324168G	111,452.00
	12" x 8"	323.9 x 219.1mm	323T324219M	86,207.00	323T324219G	112,950.00
	12" x 10"	323.9 x 273.0mm	323T324273M	91,654.00	323T324273G	2,43 5.00

All tees are segmentally welded.

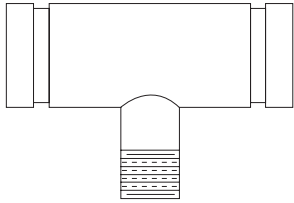
Orders for items in shaded areas **cannot** be cancelled or returned.

#323 – Reducing Tee with NPT Threaded Branch

	Pipe Size		Painted		Galvanised	
	Nominal Size	Outside Diameter	Part Number	List Price	Part Number	List Price
 <p>NPT Threaded</p>	2" x 3/4"	60.3 x 26.7mm	323N060027M	9,081.00	323N060027G	10,683.00
	2" x 1"	60.3 x 33.4mm	323N060034M	8,279.00	323N060034G	9,754.00
	2" x 1 1/4"	60.3 x 42.4mm	323N060042M	13,934.00	323N060042G	14,875.00
	2" x 1 1/2"	60.3 x 48.3mm	323N060048M	8,279.00	323N060048G	9,812.00
	2 1/2" x 3/4"	73.0 x 26.7mm	323N073027M	16,257.00	323N073027G	16,791.00
	2 1/2" x 1"	73.0 x 33.4mm	323N073034M	8,279.00	323N073034G	9,754.00
	2 1/2" x 1 1/4"	73.0 x 42.4mm	323N073042M	18,126.00	323N073042G	18,614.00
	2 1/2" x 1 1/2"	73.0 x 48.3mm	323N073048M	8,279.00	323N073048G	9,812.00
	2 1/2" x 2"	73.0 x 60.3mm	323N073060M	8,279.00	323N073060G	9,905.00
	76.1mm x 3/4"	76.1 x 26.7mm	323N076027M	16,257.00	323N076027G	16,791.00
	76.1mm x 1"	76.1 x 33.4mm	323N076034M	8,279.00	323N076034G	9,754.00
	76.1mm x 1 1/4"	76.1 x 42.4mm	323N076042M	18,126.00	323N076042G	18,614.00
	76.1mm x 1 1/2"	76.1 x 48.3mm	323N076048M	8,279.00	323N076048G	9,812.00
	76.1mm x 2"	76.1 x 60.3mm	323N076060M	8,279.00	323N076060G	9,905.00
	3" x 3/4"	88.9 x 26.7mm	323N089027M	15,200.00	323N089027G	16,141.00
	3" x 1"	88.9 x 33.4mm	323N089034M	8,279.00	323N089034G	10,346.00
	3" x 1 1/4"	88.9 x 42.4mm	323N089042M	20,449.00	323N089042G	21,773.00
	3" x 1 1/2"	88.9 x 48.3mm	323N089048M	8,279.00	323N089048G	10,416.00
	3" x 2"	88.9 x 60.3mm	323N089060M	8,279.00	323N089060G	10,416.00
	3" x 2 1/2"	88.9 x 73.0mm	323N089073M	19,973.00	323N089073G	21,645.00
	3" x 76.1mm	88.9 x 76.1mm	323N089076M	19,973.00	323N089076G	21,645.00
	4" x 3/4"	114.3 x 26.7mm	323N114027M	22,074.00	323N114027G	27,184.00
	4" x 1"	114.3 x 33.4mm	323N114034M	10,335.00	323N114034G	12,785.00
	4" x 1 1/4"	114.3 x 42.4mm	323N114042M	21,296.00	323N114042G	22,945.00
	4" x 1 1/2"	114.3 x 48.3mm	323N114048M	10,335.00	323N114048G	12,982.00
	4" x 2"	114.3 x 60.3mm	323N114060M	10,335.00	323N114060G	12,982.00
	4" x 2 1/2"	114.3 x 73.0mm	323N114073M	10,335.00	323N114073G	13,342.00
	4" x 76.1mm	114.3 x 76.1mm	323N114076M	10,335.00	323N114076G	13,342.00
	4" x 3"	114.3 x 88.9mm	323N114089M	10,335.00	323N114089G	13,400.00
	5" x 2"	141.3 x 60.3mm	323N141060M	22,156.00	323N141060G	24,188.00
	5" x 2 1/2"	141.3 x 73.0mm	323N141073M	19,938.00	323N141073G	25,244.00
	5" x 76.1mm	141.3 x 76.1mm	323N141076M	19,938.00	323N141076G	25,244.00
	5" x 3"	141.3 x 88.9mm	323N141089M	18,428.00	323N141089G	23,212.00
	5" x 4"	141.3 x 114.3mm	323N141114M	19,938.00	323N141114G	27,184.00
	165.1mm x 1"	165.1 x 33.4mm	323N165034M	30,284.00	323N165034G	35,184.00
	165.1mm x 1 1/2"	165.1 x 48.3mm	323N165048M	27,706.00	323N165048G	33,686.00
	165.1mm x 2"	165.1 x 60.3mm	323N165060M	25,883.00	323N165060G	46,076.00
	165.1mm x 2 1/2"	165.1 x 73.0mm	323N165073M	25,883.00	323N165073G	46,076.00
	165.1 x 76.1mm	165.1 x 76.1mm	323N165076M	25,883.00	323N165076G	46,076.00
	165.1mm x 3"	165.1 x 88.9mm	323N165089M	25,883.00	323N165089G	46,076.00
165.1mm x 4"	165.1 x 114.3mm	323N165114M	32,711.00	323N165114G	35,184.00	
165.1mm x 5"	165.1 x 141.3mm	323N165141M	25,883.00	323N165141G	46,076.00	
6" x 1"	168.3 x 33.4mm	323N168034M	30,284.00	323N168034G	35,184.00	
6" x 1 1/2"	168.3 x 48.3mm	323N168048M	27,706.00	323N168048G	33,686.00	
6" x 2"	168.3 x 60.3mm	323N168060M	25,883.00	323N168060G	46,076.00	
6" x 2 1/2"	168.3 x 73.0mm	323N168073M	25,883.00	323N168073G	46,076.00	
6" x 76.1mm	168.3 x 76.1mm	323N168076M	25,883.00	323N168076G	46,076.00	
6" x 3"	168.3 x 88.9mm	323N168089M	25,883.00	323N168089G	46,076.00	
6" x 4"	168.3 x 114.3mm	323N168114M	32,711.00	323N168114G	35,184.00	
6" x 5"	168.3 x 141.3mm	323N168141M	25,883.00	323N168141G	46,076.00	

Introduction
 Couplings & Fittings
 Mechanical Tees
 Valves
 Gaskets & Spare Parts
 Preparation Equipment
 Miscellaneous
 Indices


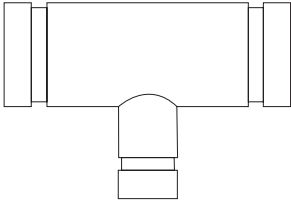
#323 – Reducing Tee with NPT Threaded Branch

	Pipe Size		Painted		Galvanised	
	Nominal Size	Outside Diameter	Part Number	List Price	Part Number	List Price
 (Continued from Previous Page)	8" x 2"	219.1 x 60.3mm	323N219060M	31,689.00	323N219060G	43,731.00
	8" x 3"	219.1 x 88.9mm	323N219089M	43,731.00	323N219089G	56,701.00
	8" x 4"	219.1 x 114.3mm	323N219114M	45,798.00	323N219114G	59,210.00
	8" x 5"	219.1 x 141.3mm	323N219141M	45,798.00	323N219141G	59,570.00
	8" x 165.1mm	219.1 x 165.1mm	323N219165M	50,675.00	323N219165G	69,672.00
	8" x 6"	219.1 x 168.3mm	323N219168M	50,675.00	323N219168G	69,672.00
	10" x 2"	273.0 x 60.3mm	323N273060M	55,203.00	323N273060G	80,657.00
	10" x 3"	273.0 x 88.9mm	323N273089M	55,203.00	323N273089G	68,464.00
	10" x 4"	273.0 x 114.3mm	323N273114M	57,700.00	323N273114G	73,759.00
	10" x 5"	273.0 x 141.3mm	323N273141M	50,744.00	323N273141G	75,315.00
	10" x 165.1mm	273.0 x 165.1mm	323N273165M	58,989.00	323N273165G	76,279.00
	10" x 6"	273.0 x 168.3mm	323N273168M	58,989.00	323N273168G	76,279.00
	10" x 8"	273.0 x 219.1mm	323N273219M	79,565.00	323N273219G	88,971.00
	12" x 3"	323.9 x 88.9mm	323N324089M	74,317.00	323N324089G	95,962.00
	12" x 4"	323.9 x 114.3mm	323N324114M	79,635.00	323N324114G	102,290.00
	12" x 5"	323.9 x 141.3mm	323N324141M	84,210.00	323N324141G	109,373.00
	12" x 165.1mm	323.9 x 165.1mm	323N324165M	85,209.00	323N324165G	111,452.00
	12" x 6"	323.9 x 168.3mm	323N324168M	85,209.00	323N324168G	111,452.00
	12" x 8"	323.9 x 219.1mm	323N324219M	86,207.00	323N324219G	112,950.00
	12" x 10"	323.9 x 273.0mm	323N324273M	91,654.00	323N324273G	2,43 5.00

All tees are segmentally welded.


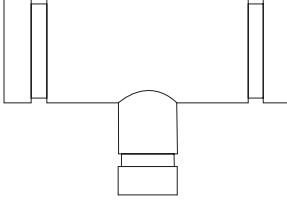
Orders for items in shaded areas **cannot** be cancelled or returned.

#221 and #321 – Grooved Reducing Tee

 For additional listings or approvals, visit our website at www.grinnell.com	Pipe Size		Painted		Galvanised	
	Nominal Size	Outside Diameter	Part Number	List Price	Part Number	List Price
	1" x 3/4"	33.4 x 26.7mm	321034027M	POA	321034027G	POA
	1 1/4" x 1"	42.4 x 33.4mm	321042034M	POA	321042034G	POA
	1 1/2" x 3/4"	48.3 x 26.7mm	321048027M	POA	321048027G	POA
	1 1/2" x 1"	48.3 x 33.4mm	321048034M	9,115.00	321048034G	9,371.00
	1 1/2" x 1 1/4"	48.3 x 42.4mm	321048042M	6,886.00	321048042G	7,629.00
	2" x 3/4"	60.3 x 26.7mm	321060027M	8,593.00	321060027G	10,102.00
	2" x 1"	60.3 x 33.4mm	321060034M	7,826.00	321060034G	12,913.00
	2" x 1 1/4"	60.3 x 42.4mm	321060042M	9,777.00	321060042G	10,265.00
	* 2" x 1 1/2"	60.3 x 48.3mm	221060048M	7,826.00	221060048G	8,430.00
	2 1/2" x 3/4"	73.0 x 26.7mm	321073027M	10,579.00	321073027G	11,449.00
	2 1/2" x 1"	73.0 x 33.4mm	321073034M	7,826.00	321073034G	9,197.00
	2 1/2" x 1 1/4"	73.0 x 42.4mm	321073042M	11,809.00	321073042G	13,923.00
	2 1/2" x 1 1/2"	73.0 x 48.3mm	321073048M	7,826.00	321073048G	8,430.00
	* 2 1/2" x 2"	73.0 x 60.3mm	221073060M	7,826.00	221073060G	9,324.00
	76.1mm x 3/4"	76.1 x 26.7mm	321076027M	10,579.00	321076027G	11,449.00
	76.1mm x 1"	76.1 x 33.4mm	321076034M	7,826.00	321076034G	9,197.00
	76.1mm x 1 1/4"	76.1 x 42.4mm	321076042M	11,809.00	321076042G	13,923.00
	76.1mm x 1 1/2"	76.1 x 48.3mm	321076048M	7,826.00	321076048G	8,430.00
	* 76.1mm x 2"	76.1 x 60.3mm	221076060M	7,826.00	221076060G	9,324.00
	3" x 3/4"	88.9 x 26.7mm	321089027M	12,216.00	321089027G	12,727.00
	* 3" x 1"	88.9 x 33.4mm	221089034M	6,909.00	221089034G	8,848.00
	3" x 1 1/4"	88.9 x 42.4mm	321089042M	9,719.00	321089042G	12,820.00
	* 3" x 1 1/2"	88.9 x 48.3mm	221089048M	6,909.00	221089048G	8,047.00
	* 3" x 2"	88.9 x 60.3mm	221089060M	6,909.00	221089060G	8,906.00
	* 3" x 2 1/2"	88.9 x 73.0mm	221089073M	6,909.00	221089073G	8,906.00
	* 3" x 76.1mm	88.9 x 76.1mm	221089076M	6,909.00	221089076G	8,906.00
	4" x 3/4"	114.3 x 26.7mm	321114027M	15,607.00	321114027G	16,663.00
	4" x 1"	114.3 x 33.4mm	321114034M	9,324.00	321114034G	11,635.00
	4" x 1 1/4"	114.3 x 42.4mm	321114042M	23,073.00	321114042G	21,401.00
	4" x 1 1/2"	114.3 x 48.3mm	321114048M	9,835.00	321114048G	10,532.00
	* 4" x 2"	114.3 x 60.3mm	221114060M	9,324.00	221114060G	12,262.00
	* 4" x 2 1/2"	114.3 x 73.0mm	221114073M	9,324.00	221114073G	12,262.00
	* 4" x 76.1mm	114.3 x 76.1mm	221114076M	9,324.00	221114076G	12,262.00
	* 4" x 3"	114.3 x 88.9mm	221114089M	9,324.00	221114089G	12,262.00
	* 139.7mm x 3"	139.7 x 88.9mm	221139089M	18,428.00	221139089G	23,212.00
	* 139.7mm x 4"	139.7 x 114.3mm	221139114M	19,949.00	221139114G	25,233.00
	5" x 1"	141.3 x 33.4mm	321141034M	20,565.00	321141034G	25,326.00
	5" x 1 1/2"	141.3 x 48.3mm	321141048M	26,139.00	321141048G	28,310.00
	5" x 2"	141.3 x 60.3mm	321141060M	22,643.00	321141060G	27,962.00
	* 5" x 2 1/2"	141.3 x 73.0mm	221141073M	18,428.00	221141073G	21,006.00
	* 5" x 76.1mm	141.3 x 76.1mm	221141076M	18,428.00	221141076G	21,006.00
	* 5" x 3"	141.3 x 88.9mm	221141089M	18,428.00	221141089G	23,212.00
	* 5" x 4"	141.3 x 114.3mm	221141114M	19,949.00	221141114G	25,233.00
	165.1mm x 1"	165.1 x 33.4mm	321165034M	24,815.00	321165034G	30,412.00
	165.1mm x 1 1/2"	165.1 x 48.3mm	321165048M	25,628.00	321165048G	35,138.00
* 165.1mm x 2"	165.1 x 60.3mm	221165060M	21,982.00	221165060G	28,867.00	
* 165.1mm x 2 1/2"	165.1 x 73.0mm	221165073M	21,982.00	221165073G	28,867.00	
* 165.1 x 76.1mm	165.1 x 76.1mm	221165076M	21,982.00	221165076G	28,867.00	
* 165.1mm x 3"	165.1 x 88.9mm	221165089M	21,982.00	221165089G	28,867.00	
* 165.1mm x 4"	165.1 x 114.3mm	221165114M	21,982.00	221165114G	28,867.00	
165.1 x 139.7mm	165.1 x 139.7mm	321165139M	21,982.00	321165139G	26,278.00	
165.1mm x 5"	165.1 x 141.3mm	321165141M	21,982.00	321165141G	26,278.00	

Introduction
 Couplings & Fittings
 Mechanical Tees
 Valves
 Gaskets & Spare Parts
 Preparation Equipment
 Miscellaneous
 Indices

#221 and #321 – Grooved Reducing Tee

 <small>For additional listings or approvals, visit our website at www.grinnell.com</small>	Pipe Size		Painted		Galvanised	
	Nominal Size	Outside Diameter	Part Number	List Price	Part Number	List Price
 (Continued from Previous Pages)	6" x 1"	168.3 x 33.4mm	321168034M	24,815.00	321168034G	30,412.00
	6" x 1 1/2"	168.3 x 48.3mm	321168048M	25,628.00	321168048G	35,138.00
	* 6" x 2"	168.3 x 60.3mm	221168060M	21,982.00	221168060G	28,867.00
	* 6" x 2 1/2"	168.3 x 73.0mm	221168073M	21,982.00	221168073G	28,867.00
	* 6" x 76.1mm	168.3 x 76.1mm	221168076M	21,982.00	221168076G	28,867.00
	* 6" x 3"	168.3 x 88.9mm	221168089M	21,982.00	221168089G	28,867.00
	* 6" x 4"	168.3 x 114.3mm	221168114M	21,982.00	221168114G	28,867.00
	6" x 139.7mm	168.3 x 139.7mm	321168139M	21,982.00	321168139G	26,278.00
	6" x 5"	168.3 x 141.3mm	321168141M	21,982.00	321168141G	26,278.00
	8" x 1 1/2"	219.1 x 48.3mm	321219048M	31,689.00	321219048G	38,552.00
	8" x 2"	219.1 x 60.3mm	321219060M	47,783.00	321219060G	40,015.00
	8" x 2 1/2"	219.1 x 73.0mm	321219073M	51,476.00	321219073G	40,015.00
	8" x 76.1mm	219.1 x 76.1mm	321219076M	51,476.00	321219076G	40,015.00
	8" x 3"	219.1 x 88.9mm	321219089M	31,689.00	321219089G	40,805.00
	* 8" x 4"	219.1 x 114.3mm	221219114M	45,798.00	221219114G	59,210.00
	8" x 139.7mm	219.1 x 139.7mm	321219139M	45,798.00	321219139G	59,616.00
	8" x 5"	219.1 x 141.3mm	321219141M	45,798.00	321219141G	59,616.00
	* 8" x 165.1mm	219.1 x 165.1mm	221219165M	45,798.00	221219165G	59,871.00
	* 8" x 6"	219.1 x 168.3mm	221219168M	45,798.00	221219168G	59,871.00
	10" x 1 1/2"	273.0 x 48.3mm	321273048M	POA	321273048G	POA
	10" x 2"	273.0 x 60.3mm	321273060M	55,215.00	321273060G	83,815.00
	10" x 2 1/2"	273.0 x 73.0mm	321273073M	55,215.00	321273073G	69,579.00
	10" x 76.1mm	273.0 x 76.1mm	321273076M	55,215.00	321273076G	69,579.00
	10" x 3"	273.0 x 88.9mm	321273089M	55,215.00	321273089G	87,845.00
	* 10" x 4"	273.0 x 114.3mm	221273114M	57,700.00	221273114G	73,771.00
	10" x 5"	273.0 x 141.3mm	321273141M	58,966.00	321273141G	POA
	* 10" x 6"	273.0 x 168.3mm	221273168M	58,966.00	221273168G	95,787.00
	* 10" x 165.1mm	273.0 x 165.1mm	221273165M	58,966.00	221273165G	95,787.00
	* 10" x 8"	273.0 x 219.1mm	221273219M	60,057.00	221273219G	96,287.00
	12" x 1"	323.9 x 33.4mm	321324034M	POA	321324034G	POA
	12" x 2"	323.9 x 60.3mm	321324060M	POA	321324060G	POA
	12" x 2 1/2"	323.9 x 73.0mm	321324073M	POA	321324073G	POA
	12" x 76.1mm	323.9 x 76.1mm	321324076M	POA	321324076G	POA
	12" x 3"	323.9 x 88.9mm	321324089M	74,317.00	321324089G	95,950.00
	12" x 4"	323.9 x 114.3mm	321324114M	79,635.00	321324114G	112,044.00
	12" x 5"	323.9 x 141.3mm	321324141M	POA	321324141G	POA
	12" x 6"	323.9 x 168.3mm	321324168M	85,209.00	321324168G	125,026.00
	12" x 165.1mm	323.9 x 165.1mm	321324165M	85,209.00	321324165G	125,026.00
	12" x 8"	323.9 x 219.1mm	321324219M	87,589.00	321324219G	127,813.00
	12" x 10"	323.9 x 273.0mm	321324273M	91,654.00	321324273G	142,561.00

Tee is segmentally welded except where a * indicates it is available as a cast fitting.

Orders for items in shaded areas **cannot** be cancelled or returned.


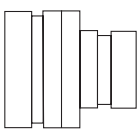
Technical Data Sheet: TFP1810

G-FIRE Grooved Fire Protection Products

Section 2 – Couplings & Fittings



#250 and #350 – Grooved Concentric Reducer

 <small>For additional listings or approvals, visit our website at www.grinnell.com</small>	Pipe Size		Painted		Galvanised	
	Nominal Size	Outside Diameter	Part Number	List Price	Part Number	List Price
	1 ¹ / ₄ " x 3 ³ / ₄ "	42.4 x 26.7mm	350042027M	10,776.00	350042027G	11,809.00
	* 1 ¹ / ₄ " x 1"	42.4 x 33.4mm	250042034M	11,264.00	250042034G	12,425.00
	1 ¹ / ₂ " x 3 ³ / ₄ "	48.3 x 26.7mm	350048027M	12,704.00	350048027G	13,725.00
	* 1 ¹ / ₂ " x 1"	48.3 x 33.4mm	250048034M	2,787.00	250048034G	3,263.00
	* 1 ¹ / ₂ " x 1 ¹ / ₄ "	48.3 x 42.4mm	250048042M	2,787.00	250048042G	3,263.00
	2" x 3 ³ / ₄ "	60.3 x 26.7mm	350060027M	2,787.00	350060027G	3,263.00
	* 2" x 1"	60.3 x 33.4mm	250060034M	2,787.00	250060034G	3,263.00
	* 2" x 1 ¹ / ₄ "	60.3 x 42.4mm	250060042M	3,042.00	250060042G	3,576.00
	* 2" x 1 ¹ / ₂ "	60.3 x 48.3mm	250060048M	2,787.00	250060048G	3,263.00
	2 ¹ / ₂ " x 3 ³ / ₄ "	73.0 x 26.7mm	350073027M	22,109.00	350073027G	23,886.00
	2 ¹ / ₂ " x 1"	73.0 x 33.4mm	350073034M	17,372.00	350073034G	19,079.00
	* 2 ¹ / ₂ " x 1 ¹ / ₄ "	73.0 x 42.4mm	250073042M	2,787.00	250073042G	3,263.00
	* 2 ¹ / ₂ " x 1 ¹ / ₂ "	73.0 x 48.3mm	250073048M	2,787.00	250073048G	3,263.00
	* 2 ¹ / ₂ " x 2"	73.0 x 60.3mm	250073060M	2,787.00	250073060G	3,263.00
	* 76.1mm x 1 ¹ / ₄ "	76.1 x 42.4mm	250076042M	2,787.00	250076042G	3,263.00
	* 76.1mm x 1 ¹ / ₂ "	76.1 x 48.3mm	250076048M	2,787.00	250076048G	3,263.00
	* 76.1mm x 2"	76.1 x 60.3mm	250076060M	2,787.00	250076060G	3,263.00
	3" x 3 ³ / ₄ "	88.9 x 26.7mm	350089027M	22,260.00	350089027G	24,896.00
	3" x 1"	88.9 x 33.4mm	350089034M	3,042.00	350089034G	3,704.00
	3" x 1 ¹ / ₄ "	88.9 x 42.4mm	350089042M	17,244.00	350089042G	19,357.00
	* 3" x 1 ¹ / ₂ "	88.9 x 48.3mm	250089048M	3,333.00	250089048G	4,087.00
	* 3" x 2"	88.9 x 60.3mm	250089060M	2,439.00	250089060G	2,996.00
	* 3" x 2 ¹ / ₂ "	88.9 x 73.0mm	250089073M	3,333.00	250089073G	4,041.00
	* 3" x 76.1mm	88.9 x 76.1mm	250089076M	3,333.00	250089076G	4,041.00
	4" x 1"	114.3 x 33.4mm	350114034M	3,658.00	350114034G	4,529.00
	4" x 1 ¹ / ₄ "	114.3 x 42.4mm	350114042M	28,484.00	350114042G	31,910.00
	4" x 1 ¹ / ₂ "	114.3 x 48.3mm	350114048M	21,796.00	350114048G	23,851.00
	* 4" x 2"	114.3 x 60.3mm	250114060M	3,251.00	250114060G	4,006.00
	* 4" x 2 ¹ / ₂ "	114.3 x 73.0mm	250114073M	4,041.00	250114073G	4,923.00
	* 4" x 76.1mm	114.3 x 76.1mm	250114076M	4,041.00	250114076G	4,923.00
	* 4" x 3"	114.3 x 88.9mm	250114089M	4,041.00	250114089G	4,923.00
	* 139.7mm x 3"	139.7 x 88.9mm	250139089M	4,703.00	250139089G	5,806.00
	* 139.7mm x 4"	139.7 x 114.3mm	250139114M	5,597.00	250139114G	7,014.00
	5" x 2"	141.3 x 60.3mm	350141060M	40,085.00	350141060G	44,265.00
	5" x 2 ¹ / ₂ "	141.3 x 73.0mm	350141073M	31,097.00	350141073G	33,744.00
	* 5" x 3"	141.3 x 88.9mm	250141089M	4,703.00	250141089G	5,806.00
	* 5" x 4"	141.3 x 114.3mm	250141114M	5,597.00	250141114G	7,014.00
	* 165.1mm x 3"	165.1 x 88.9mm	250165089M	7,420.00	250165089G	9,266.00
	* 165.1mm x 4"	165.1 x 114.3mm	250165114M	6,479.00	250165114G	8,407.00
	* 165.1 x 139.7mm	165.1 x 139.7mm	250165139M	9,580.00	250165139G	11,926.00
	* 6" x 1"	168.3 x 33.4mm	250168034M	7,420.00	250168034G	9,278.00
	* 6" x 1 ¹ / ₂ "	168.3 x 48.3mm	250168048M	7,420.00	250168048G	9,278.00
	* 6" x 2"	168.3 x 60.3mm	250168060M	7,420.00	250168060G	9,266.00
	* 6" x 2 ¹ / ₂ "	168.3 x 73.0mm	250168073M	8,279.00	250168073G	10,172.00
	* 6" x 76.1mm	168.3 x 76.1mm	250168076M	8,279.00	250168076G	10,172.00
	* 6" x 3"	168.3 x 88.9mm	250168089M	7,420.00	250168089G	9,266.00
	* 6" x 4"	168.3 x 114.3mm	250168114M	6,479.00	250168114G	8,407.00
	* 6" x 139.7mm	168.3 x 139.7mm	250168139M	9,580.00	250168139G	11,926.00
* 6" x 5"	168.3 x 141.3mm	250168141M	9,580.00	250168141G	11,926.00	

Introduction

Couplings & Fittings

Mechanical Tees

Valves


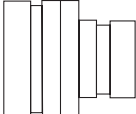
Gaskets & Spare Parts

Preparation Equipment

Miscellaneous

Indices

#250 and #350 – Grooved Concentric Reducer

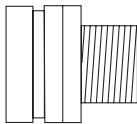
 <small>For additional listings or approvals, visit our website at www.grinnell.com</small>	Pipe Size		Painted		Galvanised	
	Nominal Size	Outside Diameter	Part Number	List Price	Part Number	List Price
 (Continued from Previous Page)	* 8" x 3"	219.1 x 88.9mm	250219089M	13,249.00	250219089G	16,512.00
	* 8" x 4"	219.1 x 114.3mm	250219114M	13,249.00	250219114G	16,617.00
	* 8" x 139.7mm	219.1 x 139.7mm	250219139M	13,249.00	250219139G	16,721.00
	* 8" x 5"	219.1 x 141.3mm	250219141M	13,249.00	250219141G	16,721.00
	* 8" x 165.1mm	219.1 x 165.1mm	250219165M	16,861.00	250219165G	21,122.00
	* 8" x 6"	219.1 x 168.3mm	250219168M	16,861.00	250219168G	21,122.00
	10" x 4"	273.0 x 114.3mm	350273114M	31,410.00	350273114G	38,703.00
	10" x 5"	273.0 x 141.3mm	350273141M	69,196.00	350273141G	78,962.00
	* 10" x 165.1mm	273.0 x 165.1mm	250273165M	34,348.00	250273165G	42,872.00
	* 10" x 6"	273.0 x 168.3mm	250273168M	34,348.00	250273168G	42,872.00
	* 10" x 8"	273.0 x 219.1mm	250273219M	34,348.00	250273219G	43,568.00
	* 12" x 4"	323.9 x 114.3mm	250324114M	150,596.00	250324114G	179,231.00
	* 12" x 6"	323.9 x 168.3mm	250324168M	40,990.00	250324168G	50,663.00
	* 12" x 8"	323.9 x 219.1mm	250324219M	61,520.00	250324219G	72,656.00
	* 12" x 10"	323.9 x 273.0mm	250324273M	61,520.00	250324273G	76,198.00

Reducer is segmentally welded except where a * indicates it is available as a cast fitting.

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: TFP1810

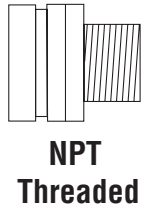
#372 Groove x Male BSP Thread – Reducer

	Pipe Size		Painted		Galvanised	
	Nominal Size	Outside Diameter	Part Number	List Price	Part Number	List Price
 <p>BSP Threaded</p>	1½" x 1"	48.3 x 33.4mm	372T048034M	2,880.00	372T048034G	3,549.00
	1½" x 1¼"	48.3 x 42.4mm	372T048042M	3,042.00	372T048042G	3,576.00
	2" x ¾"	60.3 x 26.7mm	372T060027M	2,880.00	372T060027G	3,549.00
	2" x 1"	60.3 x 33.4mm	372T060034M	2,880.00	372T060034G	3,549.00
	2" x 1¼"	60.3 x 42.4mm	372T060042M	2,880.00	372T060042G	3,549.00
	2" x 1½"	60.3 x 48.3mm	372T060048M	2,880.00	372T060048G	3,549.00
	2½" x 1"	73.0 x 33.4mm	372T073034M	16,756.00	372T073034G	17,871.00
	2½" x 1¼"	73.0 x 42.4mm	372T073042M	4,099.00	372T073042G	5,063.00
	2½" x 1½"	73.0 x 48.3mm	372T073048M	4,296.00	372T073048G	5,063.00
	2½" x 2"	73.0 x 60.3mm	372T073060M	2,880.00	372T073060G	3,553.00
	76.1mm x 1"	76.1 x 33.4mm	372T076034M	16,756.00	372T076034G	17,871.00
	76.1mm x 1¼"	76.1 x 42.4mm	372T076042M	4,099.00	372T076042G	5,063.00
	76.1mm x 1½"	76.1 x 48.3mm	372T076048M	4,296.00	372T076048G	5,063.00
	76.1mm x 2"	76.1 x 60.3mm	372T076060M	2,880.00	372T076060G	3,553.00
	3" x ¾"	88.9 x 26.7mm	372T089027M	20,948.00	372T089027G	22,330.00
	3" x 1"	88.9 x 33.4mm	372T089034M	3,147.00	372T089034G	3,786.00
	3" x 1½"	88.9 x 48.3mm	372T089048M	3,553.00	372T089048G	4,262.00
	3" x 2"	88.9 x 60.3mm	372T089060M	3,553.00	372T089060G	4,262.00
	3" x 2½"	88.9 x 73.0mm	372T089073M	4,296.00	372T089073G	5,063.00
	3" x 76.1mm	88.9 x 76.1mm	372T089076M	4,296.00	372T089076G	5,063.00
	4" x 1"	114.3 x 33.4mm	372T114034M	4,064.00	372T114034G	4,923.00
	4" x 1½"	114.3 x 48.3mm	372T114048M	22,806.00	372T114048G	24,594.00
	4" x 2"	114.3 x 60.3mm	372T114060M	6,154.00	372T114060G	5,202.00
	4" x 2½"	114.3 x 73.0mm	372T114073M	4,343.00	372T114073G	5,342.00
	4" x 76.1mm	114.3 x 76.1mm	372T114076M	4,343.00	372T114076G	5,342.00
	4" x 3"	114.3 x 88.9mm	372T114089M	5,307.00	372T114089G	6,317.00
	5" x 4"	141.3 x 114.3mm	372T141114M	30,365.00	372T141114G	33,048.00
	165.1mm x 1"	165.1 x 33.4mm	372T165034M	8,279.00	372T165034G	10,172.00
	165.1mm x 2"	165.1 x 60.3mm	372T165060M	8,279.00	372T165060G	10,172.00
	165.1mm x 2½"	165.1 x 73.0mm	372T165073M	8,279.00	372T165073G	10,172.00
165.1 x 76.1mm	165.1 x 76.1mm	372T165076M	8,279.00	372T165076G	10,172.00	
165.1mm x 3"	165.1 x 88.9mm	372T165089M	8,279.00	372T165089G	10,172.00	
165.1mm x 4"	165.1 x 114.3mm	372T165114M	49,897.00	372T165114G	55,273.00	
165.1mm x 5"	165.1 x 141.3mm	372T165141M	POA	372T165141G	POA	
6" x 1"	168.3 x 33.4mm	372T168034M	8,279.00	372T168034G	10,172.00	
6" x 2"	168.3 x 60.3mm	372T168060M	8,279.00	372T168060G	10,172.00	
6" x 2½"	168.3 x 73.0mm	372T168073M	8,279.00	372T168073G	10,172.00	
6" x 76.1mm	168.3 x 76.1mm	372T168076M	8,279.00	372T168076G	10,172.00	
6" x 3"	168.3 x 88.9mm	372T168089M	8,279.00	372T168089G	10,172.00	
6" x 4"	168.3 x 114.3mm	372T168114M	49,897.00	372T168114G	55,273.00	
6" x 5"	168.3 x 141.3mm	372T168141M	POA	372T168141G	POA	

Reducer is segmentally welded.

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: TFP1810

#372 Groove x Male NPT Thread – Reducer


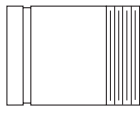
Pipe Size		Painted		Galvanised	
Nominal Size	Outside Diameter	Part Number	List Price	Part Number	List Price
1 1/2" x 1"	48.3 x 33.4mm	372N048034M	2,880.00	372N048034G	3,549.00
1 1/2" x 1 1/4"	48.3 x 42.4mm	372N048042M	3,042.00	372N048042G	3,576.00
2" x 3/4"	60.3 x 26.7mm	372N060027M	2,880.00	372N060027G	3,549.00
2" x 1"	60.3 x 33.4mm	372N060034M	2,880.00	372N060034G	3,549.00
2" x 1 1/4"	60.3 x 42.4mm	372N060042M	2,880.00	372N060042G	3,549.00
2" x 1 1/2"	60.3 x 48.3mm	372N060048M	2,880.00	372N060048G	3,549.00
2 1/2" x 1"	73.0 x 33.4mm	372N073034M	16,756.00	372N073034G	17,871.00
2 1/2" x 1 1/4"	73.0 x 42.4mm	372N073042M	4,099.00	372N073042G	5,063.00
2 1/2" x 1 1/2"	73.0 x 48.3mm	372N073048M	4,296.00	372N073048G	5,063.00
2 1/2" x 2"	73.0 x 60.3mm	372N073060M	2,880.00	372N073060G	3,553.00
76.1mm x 1"	76.1 x 33.4mm	372N076034M	16,756.00	372N076034G	17,871.00
76.1mm x 1 1/4"	76.1 x 42.4mm	372N076042M	4,099.00	372N076042G	5,063.00
76.1mm x 1 1/2"	76.1 x 48.3mm	372N076048M	4,296.00	372N076048G	5,063.00
76.1mm x 2"	76.1 x 60.3mm	372N076060M	2,880.00	372N076060G	3,553.00
3" x 3/4"	88.9 x 26.7mm	372N089027M	20,948.00	372N089027G	22,330.00
3" x 1"	88.9 x 33.4mm	372N089034M	3,147.00	372N089034G	3,786.00
3" x 1 1/2"	88.9 x 48.3mm	372N089048M	3,553.00	372N089048G	4,262.00
3" x 2"	88.9 x 60.3mm	372N089060M	3,553.00	372N089060G	4,262.00
3" x 2 1/2"	88.9 x 73.0mm	372N089073M	4,296.00	372N089073G	5,063.00
3" x 76.1mm	88.9 x 76.1mm	372N089076M	4,296.00	372N089076G	5,063.00
4" x 1"	114.3 x 33.4mm	372N114034M	4,064.00	372N114034G	4,923.00
4" x 1 1/2"	114.3 x 48.3mm	372N114048M	22,806.00	372N114048G	24,594.00
4" x 2"	114.3 x 60.3mm	372N114060M	6,154.00	372N114060G	5,202.00
4" x 2 1/2"	114.3 x 73.0mm	372N114073M	4,343.00	372N114073G	5,342.00
4" x 76.1mm	114.3 x 76.1mm	372N114076M	4,343.00	372N114076G	5,342.00
4" x 3"	114.3 x 88.9mm	372N114089M	5,307.00	372N114089G	6,317.00
5" x 4"	141.3 x 114.3mm	372N141114M	30,365.00	372N141114G	33,048.00
165.1mm x 1"	165.1 x 33.4mm	372N165034M	8,279.00	372N165034G	10,172.00
165.1mm x 2"	165.1 x 60.3mm	372N165060M	8,279.00	372N165060G	10,172.00
165.1mm x 2 1/2"	165.1 x 73.0mm	372N165073M	8,279.00	372N165073G	10,172.00
165.1 x 76.1mm	165.1 x 76.1mm	372N165076M	8,279.00	372N165076G	10,172.00
165.1mm x 3"	165.1 x 88.9mm	372N165089M	8,279.00	372N165089G	10,172.00
165.1mm x 4"	165.1 x 114.3mm	372N165114M	49,897.00	372N165114G	55,273.00
165.1mm x 5"	165.1 x 141.3mm	372N165141M	POA	372N165141G	POA
6" x 1"	168.3 x 33.4mm	372N168034M	8,279.00	372N168034G	10,172.00
6" x 2"	168.3 x 60.3mm	372N168060M	8,279.00	372N168060G	10,172.00
6" x 2 1/2"	168.3 x 73.0mm	372N168073M	8,279.00	372N168073G	10,172.00
6" x 76.1mm	168.3 x 76.1mm	372N168076M	8,279.00	372N168076G	10,172.00
6" x 3"	168.3 x 88.9mm	372N168089M	8,279.00	372N168089G	10,172.00
6" x 4"	168.3 x 114.3mm	372N168114M	49,897.00	372N168114G	55,273.00
6" x 5"	168.3 x 141.3mm	372N168141M	POA	372N168141G	POA

Reducer is segmentally welded.

Orders for items in shaded areas **cannot** be cancelled or returned.

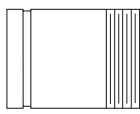
Technical Data Sheet: TFP1810

#391 Groove x Male BSP Thread – Adaptor Nipple

	Pipe Size			Painted		Galvanised	
	Nominal Size (O.D. x Length)	Outside Diameter	Length	Part Number	List Price	Part Number	List Price
 BSP Threaded	1" x 4"	33.4mm	101.6mm	391T034100M	POA	391T034100G	POA
	1 1/4" x 4"	42.4mm	101.6mm	391T042100M	1,393.00	391T042100G	POA
	1 1/2" x 4"	48.3mm	101.6mm	391T048100M	1,393.00	391T048100G	POA
	2" x 4"	60.3mm	101.6mm	391T060100M	1,393.00	391T060100G	POA
	2" x 6"	60.3mm	152.4mm	391T060150M	2,230.00	391T060150G	POA
	2 1/2" x 4"	73.0mm	101.6mm	391T073100M	1,626.00	391T073100G	POA
	3" x 4"	88.9mm	101.6mm	391T089100M	2,090.00	391T089100G	POA
	3" x 6"	88.9mm	152.4mm	391T089150M	3,251.00	391T089150G	POA
	4" x 6"	114.3mm	152.4mm	391T114150M	3,298.00	391T114150G	POA
	5" x 6"	141.3mm	152.4mm	391T141150M	6,828.00	391T141150G	POA
	6" x 6"	168.3mm	152.4mm	391T168150M	POA	391T168150G	POA
	8" x 6"	219.1mm	152.4mm	391T219150M	POA	391T219150G	POA
	10" x 8"	273.0mm	203.2mm	391T273200M	14,341.00	391T273200G	POA
12" x 8"	323.9mm	203.2mm	391T324200M	17,987.00	391T324200G	POA	

Adaptor Nipple is segmentally welded.
 Orders for items in shaded areas **cannot** be cancelled or returned.
Technical Data Sheet: TFP1810

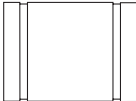
#391 Groove x Male NPT Thread – Adaptor Nipple

	Pipe Size			Painted		Galvanised	
	Nominal Size (O.D. x Length)	Outside Diameter	Length	Part Number	List Price	Part Number	List Price
 NPT Threaded	1" x 4"	33.4mm	101.6mm	391N034100M	POA	391N034100G	POA
	1 1/4" x 4"	42.4mm	101.6mm	391N042100M	1,393.00	391N042100G	POA
	1 1/2" x 4"	48.3mm	101.6mm	391N048100M	1,393.00	391N048100G	POA
	2" x 4"	60.3mm	101.6mm	391N060100M	1,393.00	391N060100G	POA
	2" x 6"	60.3mm	152.4mm	391N060150M	2,230.00	391N060150G	POA
	2 1/2" x 4"	73.0mm	101.6mm	391N073100M	1,626.00	391N073100G	POA
	3" x 4"	88.9mm	101.6mm	391N089100M	2,090.00	391N089100G	POA
	3" x 6"	88.9mm	152.4mm	391N089150M	3,251.00	391N089150G	POA
	4" x 6"	114.3mm	152.4mm	391N114150M	3,298.00	391N114150G	POA
	5" x 6"	141.3mm	152.4mm	391N141150M	6,828.00	391N141150G	POA
	6" x 6"	168.3mm	152.4mm	391N168150M	POA	391N168150G	POA
	8" x 6"	219.1mm	152.4mm	391N219150M	POA	391N219150G	POA
	10" x 8"	273.0mm	203.2mm	391N273200M	14,341.00	391N273200G	POA
12" x 8"	323.9mm	203.2mm	391N324200M	17,987.00	391N324200G	POA	

Adaptor Nipple is segmentally welded.
 Orders for items in shaded areas **cannot** be cancelled or returned.
Technical Data Sheet: TFP1810

Introduction
 Couplings & Fittings
 Mechanical Tees
 Valves
 Gaskets & Spare Parts
 Preparation Equipment
 Miscellaneous
 Indices

#392 Groove x Groove – Adaptor Nipple


	Pipe Size			Painted		Galvanised	
	Nominal Size (O.D. x Length)	Outside Diameter	Length	Part Number	List Price	Part Number	List Price
	1" x 4"	33.4mm	101.6mm	392034100M	POA	392034100G	POA
	1 1/4" x 4"	42.4mm	101.6mm	392042100M	1,393.00	392042100G	POA
	1 1/2" x 4"	48.3mm	101.6mm	392048100M	1,393.00	392048100G	POA
	2" x 4"	60.3mm	101.6mm	392060100M	1,393.00	392060100G	POA
	2 1/2" x 4"	73.0mm	101.6mm	392073100M	1,626.00	392073100G	POA
	3" x 4"	88.9mm	101.6mm	392089100M	2,090.00	392089100G	POA
	4" x 6"	114.3mm	152.4mm	392114150M	3,298.00	392114150G	POA
	5" x 6"	141.3mm	152.4mm	392141150M	6,828.00	392141150G	POA
	6" x 6"	168.3mm	152.4mm	392168150M	8,802.00	392168150G	POA
	8" x 6"	219.1mm	152.4mm	392219150M	9,870.00	392219150G	POA
	10" x 8"	273.0mm	203.2mm	392273200M	14,341.00	392273200G	POA
	12" x 8"	323.9mm	203.2mm	392324200M	17,987.00	392324200G	POA

Adaptor Nipple is segmentally welded.

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: TFP1810

#393 Groove x Plain – Adaptor Nipple


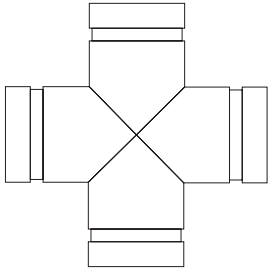
	Pipe Size			Painted		Galvanised	
	Nominal Size (O.D. x Length)	Outside Diameter	Length	Part Number	List Price	Part Number	List Price
	1" x 4"	33.4mm	101.6mm	393034100M	POA	393034100G	POA
	1 1/4" x 4"	42.4mm	101.6mm	393042100M	1,393.00	393042100G	POA
	1 1/2" x 4"	48.3mm	101.6mm	393048100M	1,393.00	393048100G	POA
	2" x 4"	60.3mm	101.6mm	393060100M	1,393.00	393060100G	POA
	2 1/2" x 4"	73.0mm	101.6mm	393073100M	1,626.00	393073100G	POA
	3" x 4"	88.9mm	101.6mm	393089100M	2,090.00	393089100G	POA
	4" x 6"	114.3mm	152.4mm	393114150M	3,298.00	393114150G	POA
	5" x 6"	141.3mm	152.4mm	393141150M	6,828.00	393141150G	POA
	6" x 6"	168.3mm	152.4mm	393168150M	8,802.00	393168150G	POA
	8" x 6"	219.1mm	152.4mm	393219150M	9,870.00	393219150G	POA
	10" x 8"	273.0mm	203.2mm	393273200M	14,341.00	393273200G	POA
	12" x 8"	323.9mm	203.2mm	393324200M	17,987.00	393324200G	POA

Adaptor Nipple is segmentally welded.

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: TFP1810

#227 and #327 – Grooved Cross


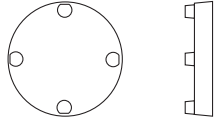
 For additional listings or approvals, visit our website at www.grinnell.com	Pipe Size		Painted		Galvanised							
	Nominal Size	Outside Diameter	Part Number	List Price	Part Number	List Price						
								1"	33.4mm	327034M	192.50	327034G
1 1/4" *								42.4mm	227042M	10,776.00	227042G	12,553.00
1 1/2" *								48.3mm	227048M	11,600.00	227048G	13,458.00
2" *								60.3mm	227060M	6,607.00	227060G	7,885.00
2 1/2" *								73.0mm	227073M	6,607.00	227073G	7,885.00
76.1mm *								76.1mm	227076M	6,607.00	227076G	7,885.00
3" *								88.9mm	227089M	11,786.00	227089G	14,445.00
4" **								114.3mm	227114M	19,578.00	227114G	24,095.00
139.7mm *								139.7mm	227139M	39,922.00	227139G	48,155.00
5" *								141.3mm	227141M	39,922.00	227141G	48,155.00
165.1mm *								165.1mm	227165M	51,313.00	227165G	62,264.00
6" *								168.3mm	227168M	51,313.00	227168G	62,264.00
8" *								219.1mm	227219M	67,570.00	227219G	83,595.00
10" *								273.0mm	227273M	115,191.00	227273G	142,479.00
12" *	323.9mm	227324M	166,203.00	227324G	207,100.00							

Cross is segmentally welded except where a * indicates it is available as a cast fitting.
 Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: TFP1810

Introduction
 Couplings & Fittings
 Mechanical Tees

#560/#260 and #360 – GFIRE Grooved Cap

 For additional listings or approvals, visit our website at www.grinnell.com	Pipe Size		Painted		Galvanised							
	Nominal Size	Outside Diameter	Part Number	List Price	Part Number	List Price						
								1"	33.4mm	360M000341	1,986.00	360034G
* 1 1/4"								42.4mm	260M000421	1,986.00	260042G	2,404.00
* 1 1/2"								48.3mm	260M000481	1,986.00	260048G	2,404.00
* 2"								60.3mm	260M000601	1,986.00	260060G	2,404.00
* 2 1/2"								73.0mm	260M000731	1,986.00	260073G	2,404.00
* 76.1mm								76.1mm	260M000761	1,986.00	260076G	2,404.00
* 3"								88.9mm	260M000891	1,986.00	260089G	2,404.00
* 4"								114.3mm	260M001141	2,148.00	260114G	2,822.00
* 139.7mm								139.7mm	260M001391	5,063.00	260139G	6,793.00
* 5"								141.3mm	260M001411	5,063.00	260141G	6,793.00
* 165.1mm								165.1mm	260M001651	5,063.00	260165G	6,793.00
* 6"								168.3mm	260M001681	5,063.00	260168G	6,793.00
* 8"								219.1mm	260M002191	9,696.00	260219G	12,831.00
* 10"								273.0mm	260M002731	20,437.00	260273G	26,615.00
* 12"	323.9mm	260M003241	33,443.00	260324G	42,581.00							


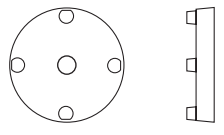
Cap is segmentally welded except where a * indicates it is available as a cast fitting.
 Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: TFP1810

Valves
 Gaskets & Spare Parts
 Preparation Equipment
 Miscellaneous

Indices

#560/#260 – Grooved Cap with 15mm BSP Tap


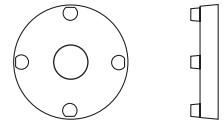
 <small>For additional listings or approvals, visit our website at www.grinnell.com</small>	Pipe Size		Painted		Galvanised	
	Nominal Size	Outside Diameter	Part Number	List Price	Part Number	List Price
	2"	60.3mm	260M20051	6,921.00	260M20052	POA
	2 1/2"	73.0mm	260M25051	7,339.00	260M25052	POA
	76.1mm	76.1mm	260M26051	7,339.00	260M26052	POA
	3"	88.9mm	260M30051	8,430.00	260M30052	POA
	4"	114.3mm	260M42051	10,985.00	260M42052	POA
	139.7mm	139.7mm	260M52051	17,488.00	260M52052	POA
	5"	141.3mm	260M53051	17,488.00	260M53052	POA
	165.1mm	165.1mm	260M62051	19,764.00	260M62052	POA
	6"	168.3mm	260M63051	19,764.00	260M63052	POA
8"	219.1mm	260M80051	36,973.00	260M80052	POA	

All Caps are cast fittings.

Available with NPT threads, contact GRINNELL Products for details.

Technical Data Sheet: TFP1810

#560/#260 – Grooved Cap with 25mm BSP Tap

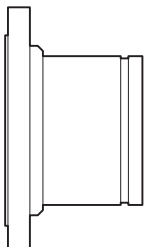
 <small>For additional listings or approvals, visit our website at www.grinnell.com</small>	Pipe Size		Painted		Galvanised	
	Nominal Size	Outside Diameter	Part Number	List Price	Part Number	List Price
	2"	60.3mm	260M20101	7,339.00	260M20102	POA
	2 1/2"	73.0mm	260M25101	7,803.00	260M25102	POA
	76.1mm	76.1mm	260M26101	7,803.00	260M26102	POA
	3"	88.9mm	260M30101	8,848.00	260M30102	POA
	4"	114.3mm	260M42101	11,519.00	260M42102	POA
	139.7mm	139.7mm	260M52101	17,836.00	260M52102	POA
	5"	141.3mm	260M53101	17,836.00	260M53102	POA
	165.1mm	165.1mm	260M62101	20,925.00	260M62102	POA
	6"	168.3mm	260M63101	20,925.00	260M63102	POA
8"	219.1mm	260M80101	39,295.00	260M80102	POA	

All Caps are cast fittings.

Available with NPT threads, contact GRINNELL Products for details.

Technical Data Sheet: TFP1810

#343 – Grooved x Flanged Adaptor – PN16

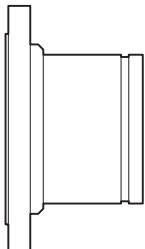
	Pipe Size		Painted		Galvanised	
	Nominal Size	Outside Diameter	Part Number	List Price	Part Number	List Price
	1"	33.4mm	343034M	POA	343034G	POA
1 1/4"	42.4mm	343042M	POA	343042G	POA	
1 1/2"	48.3mm	343048M	10,102.00	343048G	15,967.00	
2"	60.3mm	343060M	10,102.00	343060G	15,967.00	
2 1/2"	73.0mm	343073M	20,216.00	343073G	23,816.00	
76.1mm	76.1mm	343076M	20,216.00	343076G	23,816.00	
3"	88.9mm	343089M	20,704.00	343089G	24,617.00	
4"	114.3mm	343114M	23,607.00	343114G	34,430.00	
139.7mm	139.7mm	343139M	32,676.00	343139G	33,268.00	
5"	141.3mm	343141M	32,676.00	343141G	33,268.00	
165.1mm	165.1mm	343165M	33,268.00	343165G	33,268.00	
6"	168.3mm	343168M	33,268.00	343168G	33,268.00	
8"	219.1mm	343219M	41,176.00	343219G	68,093.00	
10"	273.0mm	343273M	64,644.00	343273G	87,647.00	
12"	323.9mm	343324M	88,507.00	343324G	131,552.00	

All Adaptors are segmentally welded.

Orders for items in shaded areas *cannot* be cancelled or returned.

Technical Data Sheet: TFP1810

#341 – Grooved x Flanged Adaptor ANSI 150 Lbs. – Schedule 40

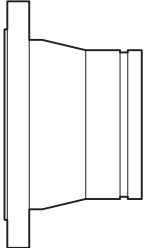
	Pipe Size		Painted		Galvanised	
	Nominal Size	Outside Diameter	Part Number	List Price	Part Number	List Price
	1"	33.4mm	341034M	POA	341034G	POA
1 1/4"	42.4mm	341042M	POA	341042G	POA	
1 1/2"	48.3mm	341048M	10,102.00	341048G	15,967.00	
2"	60.3mm	341060M	10,102.00	341060G	15,967.00	
2 1/2"	73.0mm	341073M	20,216.00	341073G	23,816.00	
76.1mm	76.1mm	341076M	20,216.00	341076G	23,816.00	
3"	88.9mm	341089M	20,704.00	341089G	24,617.00	
4"	114.3mm	341114M	23,607.00	341114G	34,430.00	
5"	141.3mm	341141M	32,676.00	341141G	33,268.00	
165.1mm	165.1mm	341165M	33,268.00	341165G	33,268.00	
6"	168.3mm	341168M	33,268.00	341168G	33,268.00	
8"	219.1mm	341219M	41,176.00	341219G	68,093.00	
10"	273.0mm	341273M	64,644.00	341273G	87,647.00	
12"	323.9mm	341324M	88,507.00	341324G	131,552.00	

All Adaptors are segmentally welded.

Orders for items in shaded areas *cannot* be cancelled or returned.

Technical Data Sheet: TFP1810

#343 – Grooved x Flanged Adaptor – AS2129 Table E

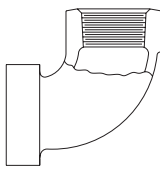
	Pipe Size		Painted		Galvanised	
	Nominal Size	Outside Diameter	Part Number	List Price	Part Number	List Price
	1"	33.4mm	343AS034M	POA	343AS034G	POA
	1 1/4"	42.4mm	343AS042M	POA	343AS042G	POA
	1 1/2"	48.3mm	343AS048M	POA	343AS048G	POA
	2"	60.3mm	343AS060M	POA	343AS060G	POA
	2 1/2"	73.0mm	343AS073M	POA	343AS073G	POA
	3"	88.9mm	343AS089M	POA	343AS089G	POA
	4"	114.3mm	343AS114M	POA	343AS114G	POA
	5"	141.3mm	343AS141M	POA	343AS141G	POA
	6"	168.3mm	343AS168M	POA	343AS168G	POA
	8"	219.1mm	343AS219M	POA	343AS219G	POA
	10"	273.0mm	343AS273M	POA	343AS273G	POA
	12"	323.9mm	343AS324M	POA	343AS324G	POA

All Adaptors are segmentally welded.

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: TFP1810

#750 – ADACAP, NPT Threads


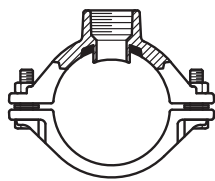
	Pipe Size		Part Number	List Price
	Nominal Size	Outside Diameter		
	1 1/2" x 1 1/2"	48.3 x 21.3mm	75015051	2,218.00
	1 1/2" x 3/4"	48.3 x 26.7mm	75015071	2,218.00
	1 1/2" x 1"	48.3 x 33.4mm	75015101	2,218.00
	2" x 1 1/2"	60.3 x 21.3mm	75020051	2,369.00
	2" x 3/4"	60.3 x 26.7mm	75020071	2,369.00
	2" x 1"	60.3 x 33.4mm	75020011	2,369.00
	2 1/2" x 1 1/2"	73.0 x 21.3mm	75025051	2,822.00
	2 1/2" x 3/4"	73.0 x 26.7mm	75025071	2,822.00
	2 1/2" x 1"	73.0 x 33.4mm	75025011	2,822.00

BSP threads available on request, contact GRINNELL Products.

Orders for items in shaded areas **cannot** be cancelled or returned.


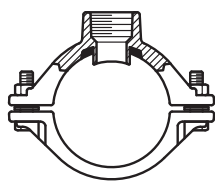
Technical Data Sheet: TFP1810

**#522 – GFIRE Sprinkler Outlet, BSP Threaded
 with Grade “E” Type “A” Gasket**

 For additional listings or approvals, visit our website at www.grinnell.com	Pipe Size		Painted		Electro Plated	
	Nominal Size	Outside Diameter	Part Number	List Price	Part Number	List Price
	 <p>BSP Threaded</p>	1" x 1/2"	33.4 x 21.3mm	522F10051	POA	522F10052
1" x 3/4"		33.4 x 26.7mm	522F10071	POA	522F10072	POA
1" x 1"		33.4 x 33.4mm	522F10101	POA	522F10102	POA
1 1/4 x 1/2"		42.4 x 21.3mm	522F12051	453.00	522F12052	POA
1 1/4 x 3/4"		42.4 x 26.7mm	522F12071	453.00	522F12072	POA
1 1/4 x 1"		42.4 x 33.4mm	522F12101	464.50	522F12102	POA
1 1/2" x 1/2"		48.3 x 21.3mm	522F15051	464.50	522F15052	POA
1 1/2" x 3/4"		48.3 x 26.7mm	522F15071	464.50	522F15072	POA
1 1/2" x 1"		48.3 x 33.4mm	522F15101	464.50	522F15102	POA
2" x 1/2"		60.3 x 21.3mm	522F20051	464.50	522F20052	POA
2" x 3/4"		60.3 x 26.7mm	522F20071	464.50	522F20072	POA
2" x 1"		60.3 x 33.4mm	522F20101	476.50	522F20102	POA
76.1mm x 1/2"		76.1 x 21.3mm	522F26051	557.50	522F26052	POA
76.1mm x 3/4"		76.1 x 26.7mm	522F26071	557.50	522F26072	POA
76.1mm x 1"		76.1 x 33.4mm	522F26101	557.50	522F26102	POA

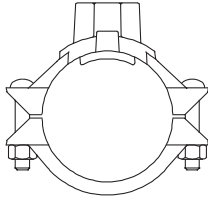
Metric bolts are supplied as standard.
 Orders for items in shaded areas **cannot** be cancelled or returned.

**#522 – GFIRE Sprinkler Outlet, NPT Threaded
 with Grade “E” Type “A” Gasket**

 For additional listings or approvals, visit our website at www.grinnell.com	Pipe Size		Painted		Electro Plated	
	Nominal Size	Outside Diameter	Part Number	List Price	Part Number	List Price
	 <p>NPT Threaded</p>	1" x 1/2"	33.4 x 21.3mm	5221005EPA	POA	5221005EGP
1" x 3/4"		33.4 x 26.7mm	52210075EPA	POA	52210075EGP	POA
1" x 1"		33.4 x 33.4mm	5221010EPA	POA	5221010EGP	POA
1 1/4 x 1/2"		42.4 x 21.3mm	5221305EPA	453.00	5221305EGP	POA
1 1/4 x 3/4"		42.4 x 26.7mm	52213075EPA	453.00	52213075EGP	POA
1 1/4 x 1"		42.4 x 33.4mm	5221310EPA	464.50	5221310EGP	POA
1 1/2" x 1/2"		48.3 x 21.3mm	5221505EPA	464.50	5221505EGP	POA
1 1/2" x 3/4"		48.3 x 26.7mm	52215075EPA	464.50	52215075EGP	POA
1 1/2" x 1"		48.3 x 33.4mm	5221510EPA	464.50	5221510EGP	POA
2" x 1/2"		60.3 x 21.3mm	5222005EPA	464.50	5222005EGP	POA
2" x 3/4"		60.3 x 26.7mm	52220075EPA	464.50	52220075EGP	POA
2" x 1"		60.3 x 33.4mm	5222010EPA	476.50	5222010EGP	POA
2 1/2" x 1/2"		73.0 x 21.3mm	5222505EPA	557.50	5222505EGP	POA
2 1/2" x 3/4"		73.0 x 26.7mm	52225075EPA	557.50	52225075EGP	POA
2 1/2" x 1"		73.0 x 33.4mm	5222510EPA	557.50	5222510EGP	POA

Metric bolts are supplied as standard.
 Orders for items in shaded areas **cannot** be cancelled or returned.

#730 Mechanical Tee – BSP Threaded
with Grade “E” or Grade “T” Nitrile Gasket

	Pipe Size		Painted		Galvanised	
	Nominal Size	Outside Diameter	Grade “E” EPDM	List Price	Grade “E” EPDM	List Price
 BSP Threaded	2" x 1/2"	60.3 x 21.3mm	730T060021ME	2,195.00	730T060021GE	2,764.00
	2" x 3/4"	60.3 x 26.7mm	730T060027ME	2,195.00	730T060027GE	2,764.00
	2" x 1"	60.3 x 33.4mm	730T060034ME	2,195.00	730T060034GE	2,764.00
	2" x 1 1/4"	60.3 x 42.4mm	730T060042ME	2,531.00	730T060042GE	3,158.00
	2" x 1 1/2"	60.3 x 48.3mm	730T060048ME	2,531.00	730T060048GE	3,158.00
	2 1/2" x 1/2"	73.0 x 21.3mm	730T073021ME	2,195.00	730T073021GE	2,764.00
	2 1/2" x 3/4"	73.0 x 26.7mm	730T073027ME	2,195.00	730T073027GE	2,764.00
	2 1/2" x 1"	73.0 x 33.4mm	730T073034ME	2,195.00	730T073034GE	2,764.00
	2 1/2" x 1 1/4"	73.0 x 42.4mm	730T073042ME	3,100.00	730T073042GE	3,786.00
	2 1/2" x 1 1/2"	73.0 x 48.3mm	730T073048ME	3,100.00	730T073048GE	3,786.00
	2 1/2" x 2"	73.0 x 60.3mm	730T073060ME	3,250.00	730T073060GE	3,945.00
	76.1 x 21.3mm	76.1 x 21.3mm	730T076021ME	2,195.00	730T076021GE	2,764.00
	76.1 x 26.7mm	76.1 x 26.7mm	730T076027ME	2,195.00	730T076027GE	2,764.00
	76.1 x 33.4mm	76.1 x 33.4mm	730T076034ME	2,195.00	730T076034GE	2,764.00
	76.1 x 42.4mm	76.1 x 42.4mm	730T076042ME	3,100.00	730T076042GE	3,786.00
	76.1 x 48.3mm	76.1 x 48.3mm	730T076048ME	POA	730T076048GE	POA
	76.1 x 60.3mm	76.1 x 60.3mm	730T076060ME	3,250.00	730T076060GE	3,945.00
	3" x 1/2"	88.9 x 21.3mm	730T089021ME	2,531.00	730T089021GE	3,089.00
	3" x 3/4"	88.9 x 26.7mm	730T089027ME	2,531.00	730T089027GE	3,089.00
	3" x 1"	88.9 x 33.4mm	730T089034ME	2,531.00	730T089034GE	3,089.00
	3" x 1 1/4"	88.9 x 42.4mm	730T089042ME	3,228.00	730T089042GE	4,053.00
	3" x 1 1/2"	88.9 x 48.3mm	730T089048ME	3,228.00	730T089048GE	4,053.00
	3" x 2"	88.9 x 60.3mm	730T089060ME	3,716.00	730T089060GE	4,633.00
	4" x 1/2"	114.3 x 21.3mm	730T114021ME	3,205.00	730T114021GE	3,832.00
	4" x 3/4"	114.3 x 26.7mm	730T114027ME	3,205.00	730T114027GE	3,832.00
	4" x 1"	114.3 x 33.4mm	730T114034ME	3,205.00	730T114034GE	3,832.00
	4" x 1 1/4"	114.3 x 42.4mm	730T114042ME	3,774.00	730T114042GE	4,436.00
	4" x 1 1/2"	114.3 x 48.3mm	730T114048ME	3,925.00	730T114048GE	4,947.00
	4" x 2"	114.3 x 60.3mm	730T114060ME	3,925.00	730T114060GE	4,982.00
	4" x 2 1/2"	114.3 x 73.0mm	730T114073ME	4,087.00	730T114073GE	5,330.00
	4" x 76.1mm	114.3 x 76.1mm	730T114076ME	4,087.00	730T114076GE	5,330.00
	4" x 3"	114.3 x 88.9mm	730T114089ME	4,366.00	730T114089GE	5,620.00
	5" x 1 1/2"	141.3 x 48.3mm	730T141048ME	4,796.00	730T141048GE	6,096.00
	5" x 2"	141.3 x 60.3mm	730T141060ME	4,796.00	730T141060GE	6,096.00
	5" x 2 1/2"	141.3 x 73.0mm	730T141073ME	5,063.00	730T141073GE	6,468.00
	5" x 76.1mm	141.3 x 76.1mm	730T141076ME	5,063.00	730T141076GE	6,468.00
	5" x 3"	141.3 x 88.9mm	730T141089ME	5,400.00	730T141089GE	6,967.00
	165.1 x 42.4mm	165.1 x 42.4mm	730T165042ME	5,106.00	730T165042GE	6,502.00
	165.1 x 48.3mm	165.1 x 48.3mm	730T165048ME	4,912.00	730T165048GE	6,317.00
	165.1 x 60.3mm	165.1 x 60.3mm	730T165060ME	4,912.00	730T165060GE	6,317.00
	165.1 x 73.0mm	165.1 x 73.0mm	730T165073ME	5,307.00	730T165073GE	6,863.00
	165.1 x 76.1mm	165.1 x 76.1mm	730T165076ME	5,307.00	730T165076GE	6,863.00
	165.1 x 88.9mm	165.1 x 88.9mm	730T165089ME	5,643.00	730T165089GE	7,269.00
	6" x 1 1/4"	168.3 x 42.4mm	730T168042ME	5,106.00	730T168042GE	6,502.00
	6" x 1 1/2"	168.3 x 48.3mm	730T168048ME	4,912.00	730T168048GE	6,317.00
	6" x 2"	168.3 x 60.3mm	730T168060ME	4,912.00	730T168060GE	6,317.00
	6" x 2 1/2"	168.3 x 73.0mm	730T168073ME	5,307.00	730T168073GE	6,863.00
	6" x 76.1mm	168.3 x 76.1mm	730T168076ME	5,307.00	730T168076GE	6,863.00
6" x 3"	168.3 x 88.9mm	730T168089ME	5,643.00	730T168089GE	7,269.00	
6" x 4"	168.3 x 114.3mm	730T168114ME	6,259.00	730T168114GE	8,140.00	
8" x 2"	219.1 x 60.3mm	730T219060ME	8,628.00	730T219060GE	10,915.00	
8" x 2 1/2"	219.1 x 73.0mm	730T219073ME	8,628.00	730T219073GE	10,915.00	
8" x 76.1mm	219.1 x 76.1mm	730T219076ME	8,628.00	730T219076GE	10,915.00	
8" x 3"	219.1 x 88.9mm	730T219089ME	9,127.00	730T219089GE	11,566.00	
8" x 4"	219.1 x 114.3mm	730T219114ME	9,394.00	730T219114GE	12,158.00	

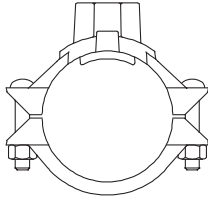
 Orders for items in shaded areas *cannot* be cancelled or returned.

Technical Data Sheet: G210

G-FIRE Grooved Fire Protection Products
Section 3 – Mechanical Tees



**#730 Mechanical Tee – NPT Threaded
 with Grade “E” or Grade “T” Nitrile Gasket**

	Pipe Size		Painted		Galvanised	
	Nominal Size	Outside Diameter	Grade “E” EPDM	List Price	Grade “E” EPDM	List Price
 <p>NPT Threaded</p>	2" x 1/2"	60.3 x 21.3mm	730N060021ME	2,195.00	730N060021GE	2,764.00
	2" x 3/4"	60.3 x 26.7mm	730N060027ME	2,195.00	730N060027GE	2,764.00
	2" x 1"	60.3 x 33.4mm	730N060034ME	2,195.00	730N060034GE	2,764.00
	2" x 1 1/4"	60.3 x 42.4mm	730N060042ME	2,531.00	730N060042GE	3,158.00
	2" x 1 1/2"	60.3 x 48.3mm	730N060048ME	2,531.00	730N060048GE	3,158.00
	2 1/2" x 1/2"	73.0 x 21.3mm	730N073021ME	2,195.00	730N073021GE	2,764.00
	2 1/2" x 3/4"	73.0 x 26.7mm	730N073027ME	2,195.00	730N073027GE	2,764.00
	2 1/2" x 1"	73.0 x 33.4mm	730N073034ME	2,195.00	730N073034GE	2,764.00
	2 1/2" x 1 1/4"	73.0 x 42.4mm	730N073042ME	3,100.00	730N073042GE	3,786.00
	2 1/2" x 1 1/2"	73.0 x 48.3mm	730N073048ME	3,100.00	730N073048GE	3,786.00
	2 1/2" x 2"	73.0 x 60.3mm	730N073060ME	3,250.00	730N073060GE	3,945.00
	76.1 x 21.3mm	76.1 x 21.3mm	730N076021ME	2,195.00	730N076021GE	2,764.00
	76.1 x 26.7mm	76.1 x 26.7mm	730N076027ME	2,195.00	730N076027GE	2,764.00
	76.1 x 33.4mm	76.1 x 33.4mm	730N076034ME	2,195.00	730N076034GE	2,764.00
	76.1 x 42.4mm	76.1 x 42.4mm	730N076042ME	3,100.00	730N076042GE	3,786.00
	76.1 x 48.3mm	76.1 x 48.3mm	730N076048ME	POA	730N076048GE	POA
	76.1 x 60.3mm	76.1 x 60.3mm	730N076060ME	3,250.00	730N076060GE	3,945.00
	3" x 1/2"	88.9 x 21.3mm	730N089021ME	2,531.00	730N089021GE	3,089.00
	3" x 3/4"	88.9 x 26.7mm	730N089027ME	2,531.00	730N089027GE	3,089.00
	3" x 1"	88.9 x 33.4mm	730N089034ME	2,531.00	730N089034GE	3,089.00
	3" x 1 1/4"	88.9 x 42.4mm	730N089042ME	3,228.00	730N089042GE	4,053.00
	3" x 1 1/2"	88.9 x 48.3mm	730N089048ME	3,228.00	730N089048GE	4,053.00
	3" x 2"	88.9 x 60.3mm	730N089060ME	3,716.00	730N089060GE	4,633.00
	4" x 1/2"	114.3 x 21.3mm	730N114021ME	3,205.00	730N114021GE	3,832.00
	4" x 3/4"	114.3 x 26.7mm	730N114027ME	3,205.00	730N114027GE	3,832.00
	4" x 1"	114.3 x 33.4mm	730N114034ME	3,205.00	730N114034GE	3,832.00
	4" x 1 1/4"	114.3 x 42.4mm	730N114042ME	3,774.00	730N114042GE	4,436.00
	4" x 1 1/2"	114.3 x 48.3mm	730N114048ME	3,925.00	730N114048GE	4,947.00
	4" x 2"	114.3 x 60.3mm	730N114060ME	3,925.00	730N114060GE	4,982.00
	4" x 2 1/2"	114.3 x 73.0mm	730N114073ME	4,087.00	730N114073GE	5,330.00
	4" x 76.1mm	114.3 x 76.1mm	730N114076ME	4,087.00	730N114076GE	5,330.00
	4" x 3"	114.3 x 88.9mm	730N114089ME	4,366.00	730N114089GE	5,620.00
	5" x 1 1/2"	141.3 x 48.3mm	730N141048ME	4,796.00	730N141048GE	6,096.00
	5" x 2"	141.3 x 60.3mm	730N141060ME	4,796.00	730N141060GE	6,096.00
	5" x 2 1/2"	141.3 x 73.0mm	730N141073ME	5,063.00	730N141073GE	6,468.00
	5" x 76.1mm	141.3 x 76.1mm	730N141076ME	5,063.00	730N141076GE	6,468.00
	5" x 3"	141.3 x 88.9mm	730N141089ME	5,400.00	730N141089GE	6,967.00
	165.1 x 42.4mm	165.1 x 42.4mm	730N165042ME	5,106.00	730N165042GE	6,502.00
	165.1 x 48.3mm	165.1 x 48.3mm	730N165048ME	4,912.00	730N165048GE	6,317.00
	165.1 x 60.3mm	165.1 x 60.3mm	730N165060ME	4,912.00	730N165060GE	6,317.00
165.1 x 73.0mm	165.1 x 73.0mm	730N165073ME	5,307.00	730N165073GE	6,863.00	
165.1 x 76.1mm	165.1 x 76.1mm	730N165076ME	5,307.00	730N165076GE	6,863.00	
165.1 x 88.9mm	165.1 x 88.9mm	730N165089ME	5,643.00	730N165089GE	7,269.00	
6" x 1 1/4"	168.3 x 42.4mm	730N168042ME	5,106.00	730N168042GE	6,502.00	
6" x 1 1/2"	168.3 x 48.3mm	730N168048ME	4,912.00	730N168048GE	6,317.00	
6" x 2"	168.3 x 60.3mm	730N168060ME	4,912.00	730N168060GE	6,317.00	
6" x 2 1/2"	168.3 x 73.0mm	730N168073ME	5,307.00	730N168073GE	6,863.00	
6" x 76.1mm	168.3 x 76.1mm	730N168076ME	5,307.00	730N168076GE	6,863.00	
6" x 3"	168.3 x 88.9mm	730N168089ME	5,643.00	730N168089GE	7,269.00	
6" x 4"	168.3 x 114.3mm	730N168114ME	6,259.00	730N168114GE	8,140.00	
8" x 2"	219.1 x 60.3mm	730N219060ME	8,628.00	730N219060GE	10,915.00	
8" x 2 1/2"	219.1 x 73.0mm	730N219073ME	8,628.00	730N219073GE	10,915.00	
8" x 76.1mm	219.1 x 76.1mm	730N219076ME	8,628.00	730N219076GE	10,915.00	
8" x 3"	219.1 x 88.9mm	730N219089ME	9,127.00	730N219089GE	11,566.00	
8" x 4"	219.1 x 114.3mm	730N219114ME	9,394.00	730N219114GE	12,158.00	

Orders for items in shaded areas *cannot* be cancelled or returned.

Technical Data Sheet: G210

Introduction

Couplings & Fittings

Mechanical Tees

Valves

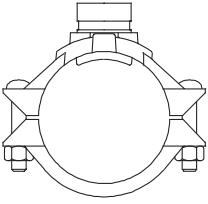
Gaskets & Spare Parts

Preparation Equipment

Miscellaneous

Indices

**#730 Mechanical Tee – Grooved
 with Grade “E” or Grade “T” Nitrile Gasket**

	<i>Pipe Size</i>		<i>Painted</i>		<i>Galvanised</i>	
	<i>Nominal Size</i>	<i>Outside Diameter</i>	<i>Grade “E” EPDM</i>	<i>List Price</i>	<i>Grade “E” EPDM</i>	<i>List Price</i>
	2" x 1"	60.3 x 33.4mm	730R060034ME	2,531.00	730R060034GE	3,158.00
	2" x 1 1/4"	60.3 x 42.4mm	730R060042ME	2,531.00	730R060042GE	3,158.00
	2" x 1 1/2"	60.3 x 48.3mm	730R060048ME	2,531.00	730R060048GE	3,158.00
	2 1/2" x 1"	73.0 x 33.4mm	730R073034ME	3,100.00	730R073034GE	3,786.00
	2 1/2" x 1 1/4"	73.0 x 42.4mm	730R073042ME	3,100.00	730R073042GE	3,786.00
	2 1/2" x 1 1/2"	73.0 x 48.3mm	730R073048ME	3,100.00	730R073048GE	3,786.00
	2 1/2" x 2"	73.0 x 60.3mm	730R073060ME	3,225.00	730R073060GE	4,045.00
	76.1 x 33.4mm	73.0 x 33.4mm	730R076034ME	3,100.00	730R076034GE	3,786.00
	76.1 x 42.4mm	76.1 x 42.4mm	730R076042ME	3,100.00	730R076042GE	3,786.00
	76.1 x 48.3mm	76.1 x 48.3mm	730R076048ME	3,100.00	730R076048GE	3,786.00
	76.1 x 60.3mm	76.1 x 60.3mm	730R076060ME	3,225.00	730R076060GE	4,045.00
	3" x 1"	88.9 x 33.4mm	730R089034ME	3,228.00	730R089034GE	4,053.00
	3" x 1 1/4"	88.9 x 42.4mm	730R089042ME	3,228.00	730R089042GE	4,053.00
	3" x 1 1/2"	88.9 x 48.3mm	730R089048ME	3,228.00	730R089048GE	4,053.00
	3" x 2"	88.9 x 60.3mm	730R089060ME	3,716.00	730R089060GE	4,633.00
	4" x 1"	114.3 x 33.4mm	730R114034ME	3,774.00	730R114034GE	4,436.00
	4" x 1 1/4"	114.3 x 42.4mm	730R114042ME	3,774.00	730R114042GE	4,436.00
	4" x 1 1/2"	114.3 x 48.3mm	730R114048ME	3,925.00	730R114048GE	4,947.00
	4" x 2"	114.3 x 60.3mm	730R114060ME	3,925.00	730R114060GE	4,982.00
	4" x 2 1/2"	114.3 x 73.0mm	730R114073ME	4,087.00	730R114073GE	5,330.00
	4" x 76.1mm	114.3 x 76.1mm	730R114076ME	4,087.00	730R114076GE	5,330.00
	4" x 3"	114.3 x 88.9mm	730R114089ME	4,366.00	730R114089GE	5,620.00
	5" x 1 1/2"	141.3 x 48.3mm	730R141048ME	4,796.00	730R141048GE	POA
	5" x 2"	141.3 x 60.3mm	730R141060ME	4,796.00	730R141060GE	POA
	5" x 2 1/2"	141.3 x 73.0mm	730R141073ME	5,063.00	730R141073GE	POA
	5" x 76.1mm	141.3 x 76.1mm	730R141076ME	5,063.00	730R141076GE	POA
	5" x 3"	141.3 x 88.9mm	730R141089ME	5,400.00	730R141089GE	POA
	165.1 x 42.4mm	165.1 x 42.4mm	730R165042ME	4,912.00	730R165042GE	6,317.00
	165.1 x 48.3mm	165.1 x 48.3mm	730R165048ME	4,912.00	730R165048GE	6,317.00
	165.1 x 60.3mm	165.1 x 60.3mm	730R165060ME	4,912.00	730R165060GE	6,317.00
	165.1 x 73.0mm	165.1 x 73.0mm	730R165073ME	5,400.00	730R165073GE	6,863.00
	165.1 x 76.1mm	165.1 x 76.1mm	730R165076ME	5,400.00	730R165076GE	6,863.00
165.1 x 88.9mm	165.1 x 88.9mm	730R165089ME	5,643.00	730R165089GE	7,269.00	
165.1 x 114.3mm	165.1 x 114.3mm	730R165114ME	6,259.00	730R165114GE	8,140.00	
6" x 1 1/4"	168.3 x 42.4mm	730R168042ME	4,912.00	730R168042GE	6,317.00	
6" x 1 1/2"	168.3 x 48.3mm	730R168048ME	4,912.00	730R168048GE	6,317.00	
6" x 2"	168.3 x 60.3mm	730R168060ME	4,912.00	730R168060GE	6,317.00	
6" x 2 1/2"	168.3 x 73.0mm	730R168073ME	5,400.00	730R168073GE	6,863.00	
6" x 76.1mm	168.3 x 76.1mm	730R168076ME	5,400.00	730R168076GE	6,863.00	
6" x 3"	168.3 x 88.9mm	730R168089ME	5,643.00	730R168089GE	7,269.00	
6" x 4"	168.3 x 114.3mm	730R168114ME	6,259.00	730R168114GE	8,140.00	
8" x 2"	219.1 x 60.3mm	730R219060ME	POA	730R219060GE	POA	
8" x 2 1/2"	219.1 x 73.0mm	730R219073ME	8,628.00	730R219073GE	10,915.00	
8" x 76.1mm	219.1 x 76.1mm	730R219076ME	8,628.00	730R219076GE	10,915.00	
8" x 3"	219.1 x 88.9mm	730R219089ME	9,127.00	730R219089GE	11,566.00	
8" x 4"	219.1 x 114.3mm	730R219114ME	9,394.00	730R219114GE	12,158.00	

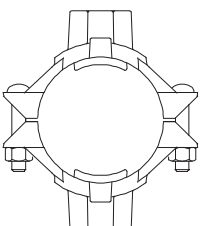
 Orders for items in shaded areas *cannot* be cancelled or returned.

Technical Data Sheet: G210

G-FIRE Grooved Fire Protection Products
Section 3 – Mechanical Tees



**#730 Mechanical Cross – BSP Threaded
 with Grade “E” or Grade “T” Nitrile Gasket**

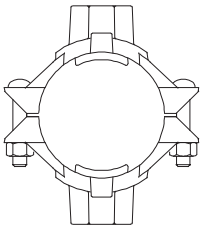
	Pipe Size		Painted		Galvanised	
	Nominal Size	Outside Diameter	Grade “E” EPDM	List Price	Grade “E” EPDM	List Price
 <p>BSP Threaded</p>	2" x 1/2"	60.3 x 21.3mm	730XT060021ME	3,658.00	730XT060021GE	4,714.00
	2" x 3/4"	60.3 x 26.7mm	730XT060027ME	3,658.00	730XT060027GE	4,714.00
	2" x 1"	60.3 x 33.4mm	730XT060034ME	3,658.00	730XT060034GE	4,714.00
	2" x 1 1/4"	60.3 x 42.4mm	730XT060042ME	4,192.00	730XT060042GE	5,434.00
	2" x 1 1/2"	60.3 x 48.3mm	730XT060048ME	4,192.00	730XT060048GE	5,434.00
	2 1/2" x 1/2"	73.0 x 21.3mm	730XT073021ME	3,658.00	730XT073021GE	4,714.00
	2 1/2" x 3/4"	73.0 x 26.7mm	730XT073027ME	3,658.00	730XT073027GE	4,714.00
	2 1/2" x 1"	73.0 x 33.4mm	730XT073034ME	3,658.00	730XT073034GE	4,714.00
	2 1/2" x 1 1/4"	73.0 x 42.4mm	730XT073042ME	5,063.00	730XT073042GE	6,538.00
	2 1/2" x 1 1/2"	73.0 x 48.3mm	730XT073048ME	5,063.00	730XT073048GE	6,538.00
	76.1 x 21.3mm	76.1 x 21.3mm	730XT076021ME	3,658.00	730XT076021GE	4,714.00
	76.1 x 26.7mm	76.1 x 26.7mm	730XT076027ME	3,658.00	730XT076027GE	4,714.00
	76.1 x 33.4mm	76.1 x 33.4mm	730XT076034ME	3,658.00	730XT076034GE	4,714.00
	76.1 x 42.4mm	76.1 x 42.4mm	730XT076042ME	5,063.00	730XT076042GE	6,538.00
	76.1 x 48.3mm	76.1 x 48.3mm	730XT076048ME	5,063.00	730XT076048GE	6,538.00
	3" x 1/2"	88.9 x 21.3mm	730XT089021ME	4,122.00	730XT089021GE	5,318.00
	3" x 3/4"	88.9 x 26.7mm	730XT089027ME	4,122.00	730XT089027GE	5,318.00
	3" x 1"	88.9 x 33.4mm	730XT089034ME	4,122.00	730XT089034GE	5,318.00
	3" x 1 1/4"	88.9 x 42.4mm	730XT089042ME	5,063.00	730XT089042GE	6,340.00
	3" x 1 1/2"	88.9 x 48.3mm	730XT089048ME	5,063.00	730XT089048GE	6,340.00
	3" x 2"	88.9 x 60.3mm	730XT089060ME	5,852.00	730XT089060GE	7,281.00
	4" x 1/2"	114.3 x 21.3mm	730XT114021ME	5,074.00	730XT114021GE	6,584.00
	4" x 3/4"	114.3 x 26.7mm	730XT114027ME	5,074.00	730XT114027GE	6,584.00
	4" x 1"	114.3 x 33.4mm	730XT114034ME	5,074.00	730XT114034GE	6,584.00
	4" x 1 1/4"	114.3 x 42.4mm	730XT114042ME	6,154.00	730XT114042GE	7,734.00
	4" x 1 1/2"	114.3 x 48.3mm	730XT114048ME	6,154.00	730XT114048GE	7,734.00
	4" x 2"	114.3 x 60.3mm	730XT114060ME	6,584.00	730XT114060GE	7,803.00
	4" x 2 1/2"	114.3 x 73.0mm	730XT114073ME	6,584.00	730XT114073GE	8,372.00
	4" x 76.1mm	114.3 x 76.1mm	730XT114076ME	6,584.00	730XT114076GE	8,372.00
	4" x 3"	114.3 x 88.9mm	730XT114089ME	6,886.00	730XT114089GE	8,883.00
	5" x 1 1/2"	141.3 x 48.3mm	730XT141048ME	7,525.00	730XT141048GE	9,592.00
	5" x 2"	141.3 x 60.3mm	730XT141060ME	7,943.00	730XT141060GE	9,592.00
	5" x 2 1/2"	141.3 x 73.0mm	730XT141073ME	7,943.00	730XT141073GE	10,172.00
	5" x 76.1mm	141.3 x 76.1mm	730XT141076ME	7,943.00	730XT141076GE	10,172.00
	5" x 3"	141.3 x 88.9mm	730XT141089ME	8,500.00	730XT141089GE	10,939.00
	165.1 x 42.4mm	165.1 x 42.4mm	730XT165042ME	POA	730XT165042GE	POA
	165.1 x 48.3mm	165.1 x 48.3mm	730XT165048ME	POA	730XT165048GE	POA
	165.1 x 60.3mm	165.1 x 60.3mm	730XT165060ME	POA	730XT165060GE	POA
	165.1 x 73.0mm	165.1 x 73.0mm	730XT165073ME	8,326.00	730XT165073GE	10,729.00
	165.1 x 76.1mm	165.1 x 76.1mm	730XT165076ME	8,326.00	730XT165076GE	10,729.00
	165.1 x 88.9mm	165.1 x 88.9mm	730XT165089ME	8,848.00	730XT165089GE	11,403.00
	165.1 x 114.3mm	165.1 x 114.3mm	730XT165114ME	9,789.00	730XT165114GE	12,785.00
	6" x 1 1/4"	168.3 x 42.4mm	730XT168042ME	POA	730XT168042GE	POA
	6" x 1 1/2"	168.3 x 48.3mm	730XT168048ME	POA	730XT168048GE	POA
6" x 2"	168.3 x 60.3mm	730XT168060ME	POA	730XT168060GE	POA	
6" x 2 1/2"	168.3 x 73.0mm	730XT168073ME	8,326.00	730XT168073GE	10,729.00	
6" x 76.1mm	168.3 x 76.1mm	730XT168076ME	8,326.00	730XT168076GE	10,729.00	
6" x 3"	168.3 x 88.9mm	730XT168089ME	8,848.00	730XT168089GE	11,403.00	
6" x 4"	168.3 x 114.3mm	730XT168114ME	9,789.00	730XT168114GE	12,785.00	
8" x 2"	219.1 x 60.3mm	730XT219060ME	13,574.00	730XT219060GE	17,163.00	
8" x 2 1/2"	219.1 x 73.0mm	730XT219073ME	13,574.00	730XT219073GE	17,163.00	
8" x 76.1mm	219.1 x 76.1mm	730XT219076ME	13,574.00	730XT219076GE	17,163.00	
8" x 3"	219.1 x 88.9mm	730XT219089ME	14,318.00	730XT219089GE	18,208.00	
8" x 4"	219.1 x 114.3mm	730XT219114ME	14,782.00	730XT219114GE	19,125.00	

Orders for items in shaded areas *cannot* be cancelled or returned.

Technical Data Sheet: G210



**#730 Mechanical Cross – NPT Threaded
 with Grade “E” or Grade “T” Nitrile Gasket**

	Pipe Size		Painted		Galvanised	
	Nominal Size	Outside Diameter	Grade “E” EPDM	List Price	Grade “E” EPDM	List Price
 <p>NPT Threaded</p>	2" x 1/2"	60.3 x 21.3mm	730XN060021ME	3,658.00	730XN060021GE	4,714.00
	2" x 3/4"	60.3 x 26.7mm	730XN060027ME	3,658.00	730XN060027GE	4,714.00
	2" x 1"	60.3 x 33.4mm	730XN060034ME	3,658.00	730XN060034GE	4,714.00
	2" x 1 1/4"	60.3 x 42.4mm	730XN060042ME	4,192.00	730XN060042GE	5,434.00
	2" x 1 1/2"	60.3 x 48.3mm	730XN060048ME	4,192.00	730XN060048GE	5,434.00
	2 1/2" x 1/2"	73.0 x 21.3mm	730XN073021ME	3,658.00	730XN073021GE	4,714.00
	2 1/2" x 3/4"	73.0 x 26.7mm	730XN073027ME	3,658.00	730XN073027GE	4,714.00
	2 1/2" x 1"	73.0 x 33.4mm	730XN073034ME	3,658.00	730XN073034GE	4,714.00
	2 1/2" x 1 1/4"	73.0 x 42.4mm	730XN073042ME	5,063.00	730XN073042GE	6,538.00
	2 1/2" x 1 1/2"	73.0 x 48.3mm	730XN073048ME	5,063.00	730XN073048GE	6,538.00
	76.1 x 21.3mm	76.1 x 21.3mm	730XN076021ME	3,658.00	730XN076021GE	4,714.00
	76.1 x 26.7mm	76.1 x 26.7mm	730XN076027ME	3,658.00	730XN076027GE	4,714.00
	76.1 x 33.4mm	76.1 x 33.4mm	730XN076034ME	3,658.00	730XN076034GE	4,714.00
	76.1 x 42.4mm	76.1 x 42.4mm	730XN076042ME	5,063.00	730XN076042GE	6,538.00
	76.1 x 48.3mm	76.1 x 48.3mm	730XN076048ME	5,063.00	730XN076048GE	6,538.00
	3" x 1/2"	88.9 x 21.3mm	730XN089021ME	4,122.00	730XN089021GE	5,318.00
	3" x 3/4"	88.9 x 26.7mm	730XN089027ME	4,122.00	730XN089027GE	5,318.00
	3" x 1"	88.9 x 33.4mm	730XN089034ME	4,122.00	730XN089034GE	5,318.00
	3" x 1 1/4"	88.9 x 42.4mm	730XN089042ME	5,063.00	730XN089042GE	6,340.00
	3" x 1 1/2"	88.9 x 48.3mm	730XN089048ME	5,063.00	730XN089048GE	6,340.00
	3" x 2"	88.9 x 60.3mm	730XN089060ME	5,852.00	730XN089060GE	7,281.00
	4" x 1/2"	114.3 x 21.3mm	730XN114021ME	5,074.00	730XN114021GE	6,584.00
	4" x 3/4"	114.3 x 26.7mm	730XN114027ME	5,074.00	730XN114027GE	6,584.00
	4" x 1"	114.3 x 33.4mm	730XN114034ME	5,074.00	730XN114034GE	6,584.00
	4" x 1 1/4"	114.3 x 42.4mm	730XN114042ME	6,154.00	730XN114042GE	7,734.00
	4" x 1 1/2"	114.3 x 48.3mm	730XN114048ME	6,154.00	730XN114048GE	7,734.00
	4" x 2"	114.3 x 60.3mm	730XN114060ME	6,584.00	730XN114060GE	7,803.00
	4" x 2 1/2"	114.3 x 73.0mm	730XN114073ME	6,584.00	730XN114073GE	8,372.00
	4" x 76.1mm	114.3 x 76.1mm	730XN114076ME	6,584.00	730XN114076GE	8,372.00
	4" x 3"	114.3 x 88.9mm	730XN114089ME	6,886.00	730XN114089GE	8,883.00
	5" x 1 1/2"	141.3 x 48.3mm	730XN141048ME	7,525.00	730XN141048GE	9,592.00
	5" x 2"	141.3 x 60.3mm	730XN141060ME	7,943.00	730XN141060GE	9,592.00
	5" x 2 1/2"	141.3 x 73.0mm	730XN141073ME	7,943.00	730XN141073GE	10,172.00
	5" x 76.1mm	141.3 x 76.1mm	730XN141076ME	7,943.00	730XN141076GE	10,172.00
	5" x 3"	141.3 x 88.9mm	730XN141089ME	8,500.00	730XN141089GE	10,939.00
	165.1 x 42.4mm	165.1 x 42.4mm	730XN165042ME	POA	730XN165042GE	POA
	165.1 x 48.3mm	165.1 x 48.3mm	730XN165048ME	POA	730XN165048GE	POA
	165.1 x 60.3mm	165.1 x 60.3mm	730XN165060ME	POA	730XN165060GE	POA
	165.1 x 73.0mm	165.1 x 73.0mm	730XN165073ME	8,326.00	730XN165073GE	10,729.00
	165.1 x 76.1mm	165.1 x 76.1mm	730XN165076ME	8,326.00	730XN165076GE	10,729.00
165.1 x 88.9mm	165.1 x 88.9mm	730XN165089ME	8,848.00	730XN165089GE	11,403.00	
165.1 x 114.3mm	165.1 x 114.3mm	730XN165114ME	9,789.00	730XN165114GE	12,785.00	
6" x 1 1/4"	168.3 x 42.4mm	730XN168042ME	POA	730XN168042GE	POA	
6" x 1 1/2"	168.3 x 48.3mm	730XN168048ME	POA	730XN168048GE	POA	
6" x 2"	168.3 x 60.3mm	730XN168060ME	POA	730XN168060GE	POA	
6" x 2 1/2"	168.3 x 73.0mm	730XN168073ME	8,326.00	730XN168073GE	10,729.00	
6" x 76.1mm	168.3 x 76.1mm	730XN168076ME	8,326.00	730XN168076GE	10,729.00	
6" x 3"	168.3 x 88.9mm	730XN168089ME	8,848.00	730XN168089GE	11,403.00	
6" x 4"	168.3 x 114.3mm	730XN168114ME	9,789.00	730XN168114GE	12,785.00	
8" x 2"	219.1 x 60.3mm	730XN219060ME	13,574.00	730XN219060GE	17,163.00	
8" x 2 1/2"	219.1 x 73.0mm	730XN219073ME	13,574.00	730XN219073GE	17,163.00	
8" x 76.1mm	219.1 x 76.1mm	730XN219076ME	13,574.00	730XN219076GE	17,163.00	
8" x 3"	219.1 x 88.9mm	730XN219089ME	14,318.00	730XN219089GE	18,208.00	
8" x 4"	219.1 x 114.3mm	730XN219114ME	14,782.00	730XN219114GE	19,125.00	

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: G210

G-FIRE Grooved Fire Protection Products
Section 3 – Mechanical Tees



**#730 Mechanical Cross – Grooved
 with Grade “E” or Grade “T” Nitrile Gasket**


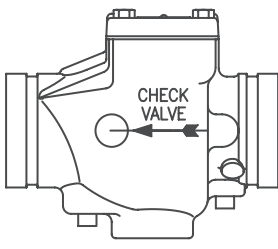
	Pipe Size		Painted		Galvanised	
	Nominal Size	Outside Diameter	Grade “E” EPDM	List Price	Grade “E” EPDM	List Price
	2" x 1"	60.3 x 33.4mm	730XR060034ME	3,658.00	730XR060034GE	4,714.00
	2" x 1 1/4"	60.3 x 42.4mm	730XR060042ME	4,192.00	730XR060042GE	5,434.00
	2" x 1 1/2"	60.3 x 48.3mm	730XR060048ME	4,192.00	730XR060048GE	5,434.00
	2 1/2" x 1"	73.0 x 33.4mm	730XR073034ME	3,658.00	730XR073034GE	4,714.00
	2 1/2" x 1 1/4"	73.0 x 42.4mm	730XR073042ME	5,063.00	730XR073042GE	6,538.00
	2 1/2" x 1 1/2"	73.0 x 48.3mm	730XR073048ME	5,063.00	730XR073048GE	6,538.00
	76.1 x 33.4mm	76.1 x 33.4mm	730XR076034ME	3,658.00	730XR076034GE	4,714.00
	76.1 x 42.4mm	76.1 x 42.4mm	730XR076042ME	5,063.00	730XR076042GE	6,538.00
	76.1 x 48.3mm	76.1 x 48.3mm	730XR076048ME	5,063.00	730XR076048GE	6,538.00
	3" x 1"	88.9 x 33.4mm	730XR089034ME	4,122.00	730XR089034GE	5,318.00
	3" x 1 1/4"	88.9 x 42.4mm	730XR089042ME	5,063.00	730XR089042GE	6,340.00
	3" x 1 1/2"	88.9 x 48.3mm	730XR089048ME	5,063.00	730XR089048GE	6,340.00
	3" x 2"	88.9 x 60.3mm	730XR089060ME	5,852.00	730XR089060GE	7,281.00
	4" x 1"	114.3 x 33.4mm	730XR114034ME	5,074.00	730XR114034GE	6,584.00
	4" x 1 1/4"	114.3 x 42.4mm	730XR114042ME	6,154.00	730XR114042GE	7,734.00
	4" x 1 1/2"	114.3 x 48.3mm	730XR114048ME	6,154.00	730XR114048GE	7,734.00
	4" x 2"	114.3 x 60.3mm	730XR114060ME	6,584.00	730XR114060GE	7,803.00
	4" x 2 1/2"	114.3 x 73.0mm	730XR114073ME	6,584.00	730XR114073GE	8,372.00
	4" x 76.1mm	114.3 x 76.1mm	730XR114076ME	6,584.00	730XR114076GE	8,372.00
	4" x 3"	114.3 x 88.9mm	730XR114089ME	6,886.00	730XR114089GE	8,883.00
	5" x 1 1/2"	141.3 x 48.3mm	730XR141048ME	7,525.00	730XR141048GE	9,592.00
	5" x 2"	141.3 x 60.3mm	730XR141060ME	7,943.00	730XR141060GE	9,592.00
	5" x 2 1/2"	141.3 x 73.0mm	730XR141073ME	7,943.00	730XR141073GE	10,172.00
	5" x 76.1mm	141.3 x 76.1mm	730XR141076ME	7,943.00	730XR141076GE	10,172.00
	5" x 3"	141.3 x 88.9mm	730XR141089ME	8,500.00	730XR141089GE	10,939.00
	165.1 x 42.4mm	165.1 x 42.4mm	730XR165042ME	POA	730XR165042GE	POA
	165.1 x 48.3mm	165.1 x 48.3mm	730XR165048ME	POA	730XR165048GE	POA
	165.1 x 60.3mm	165.1 x 60.3mm	730XR165060ME	POA	730XR165060GE	POA
	165.1 x 73.0mm	165.1 x 73.0mm	730XR165073ME	8,326.00	730XR165073GE	10,729.00
	165.1 x 76.1mm	165.1 x 76.1mm	730XR165076ME	8,326.00	730XR165076GE	10,729.00
165.1 x 88.9mm	165.1 x 88.9mm	730XR165089ME	8,848.00	730XR165089GE	11,403.00	
165.1 x 114.3mm	165.1 x 114.3mm	730XR165114ME	9,789.00	730XR165114GE	12,785.00	
6" x 1 1/4"	168.3 x 42.4mm	730XR168042ME	POA	730XR168042GE	POA	
6" x 1 1/2"	168.3 x 48.3mm	730XR168048ME	POA	730XR168048GE	POA	
6" x 2"	168.3 x 60.3mm	730XR168060ME	POA	730XR168060GE	POA	
6" x 2 1/2"	168.3 x 73.0mm	730XR168073ME	8,326.00	730XR168073GE	10,729.00	
6" x 76.1mm	168.3 x 76.1mm	730XR168076ME	8,326.00	730XR168076GE	10,729.00	
6" x 3"	168.3 x 88.9mm	730XR168089ME	8,848.00	730XR168089GE	11,403.00	
6" x 4"	168.3 x 114.3mm	730XR168114ME	9,789.00	730XR168114GE	12,785.00	
8" x 2"	219.1 x 60.3mm	730XR219060ME	13,574.00	730XR219060GE	17,163.00	
8" x 2 1/2"	219.1 x 73.0mm	730XR219073ME	13,574.00	730XR219073GE	17,163.00	
8" x 76.1mm	219.1 x 76.1mm	730XR219076ME	13,574.00	730XR219076GE	17,163.00	
8" x 3"	219.1 x 88.9mm	730XR219089ME	14,318.00	730XR219089GE	18,208.00	
8" x 4"	219.1 x 114.3mm	730XR219114ME	14,782.00	730XR219114GE	19,125.00	

Orders for items in shaded areas *cannot* be cancelled or returned.

Technical Data Sheet: G210

Introduction
 Couplings & Fittings
 Mechanical Tees
 Valves
 Gaskets & Spare Parts
 Preparation Equipment
 Miscellaneous
 Indices


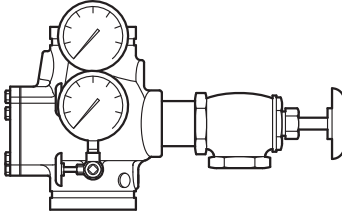
#CV1F – GFIRE Grooved Check Valve

 <small>For additional listings or approvals, visit our website at www.grinnell.com</small>	Pipe Size		Painted	
	Nominal Size	Outside Diameter	Part Number	List Price
	2"	60.3mm	595900020	POA
	2 1/2"	73.0mm	595900025	13,354.00
	76.1mm	76.1mm	595900076	13,354.00
	3"	88.9mm	595900030	13,354.00
	4"	114.3mm	595900040	13,888.00
	139.7mm	139.7mm	595900139	33,849.00
	5"	141.3mm	595900050	33,849.00
	165.1mm	165.1mm	595900165	34,685.00
	6"	168.3mm	595900060	34,685.00
	8"	219.1mm	595900080	60,290.00
10"	273.0mm	595900100	114,901.00	

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: TFP1550

#CV1FR – GFIRE Grooved Shotgun Riser Check Valve


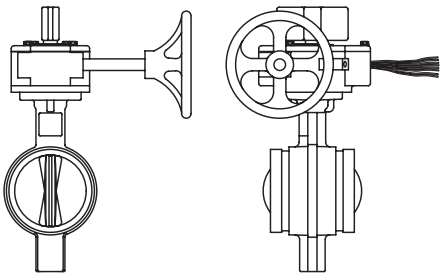
 <small>For additional listings or approvals, visit our website at www.grinnell.com</small>	Pipe Size		Painted	
	Nominal Size	Outside Diameter	Part Number	List Price
	2"	60.3mm	595901020	26,591.00
	2 1/2"	73.0mm	595901025	26,104.00
	76.1mm	76.1mm	595901076	26,104.00
	3"	88.9mm	595901030	26,591.00
	4"	114.3mm	595901040	26,591.00
	139.7mm	139.7mm	595901139	48,538.00
	5"	141.3mm	595901050	48,538.00
	165.1mm	165.1mm	595901165	49,374.00
	6"	168.3mm	595901060	49,374.00
	8"	219.1mm	595901080	89,320.00
10"	273.0mm	595901100	POA	
Trim Assemblies for Model CV1FR GFIRE Grooved Riser Check Valve (with gauges)				
2"	60.3mm	595911020	18,045.00	
2 1/2 – 3"	73.0 thru 88.9mm	595911030	18,045.00	
4" thru 10"	114.3 thru 273.0mm	595911080	18,045.00	

Series CV1FR is tapped for mounting riser check kit. Plugs are supplied separately. Couplings and riser check kit components not included.

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: TFP950


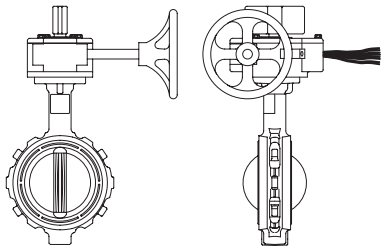
Model BFVN – GFIRE Butterfly Valves Groove x Groove, 300 psi

 For additional listings or approvals, visit our website at www.grinnell.com	Pipe Size		Gear Operated with Tamper Switches	
	Nominal Size	Outside Diameter	Part Number	List Price
	2 1/2"	73.0mm	59300F025N	24,420.00
	76.1mm	76.1mm	59300F076N	24,420.00
	3"	88.9mm	59300F030N	26,406.00
	4"	114.3mm	59300F040N	27,671.00
	5"	141.3mm	59300F050N	41,490.00
	165.1mm	165.1mm	59300F165N	41,490.00
	6"	168.3mm	59300F060N	39,330.00
	8"	219.1mm	59300F080N	60,278.00
	10"	273.0mm	59300F100N	146,009.00

PIVA extensions are available on request.
 Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet TFP1510


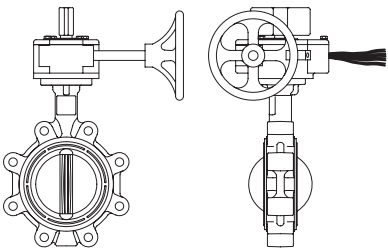
Model BFVN – GFIRE Butterfly Valves Wafer Style, 250 psi

 For additional listings or approvals, visit our website at www.grinnell.com	Nominal Pipe Size	Gear Operated with Supervisory Switches	
		Part Number	List Price
	2"	598011020N	33,698.00
	2 1/2"	598011025N	35,579.00
	3"	598011030N	39,806.00
	4"	598011040N	41,199.00
	5"	598011050N	53,322.00
	6"	598011060N	53,322.00
	8"	598011080N	78,962.00
	10"	598011100N	107,899.00
	12"	598011120N	131,123.00

PIVA extensions are available on request.

Technical Data Sheet TFP1515


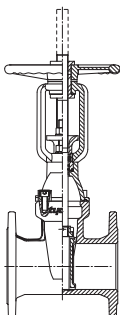
Model BFVN – GFIRE Butterfly Valves Lug Style, 250 psi

 For additional listings or approvals, visit our website at www.grinnell.com	Nominal Pipe Size	Gear Operated with Supervisory Switches	
		Part Number	List Price
	2"	598021020N	38,807.00
	2 1/2"	598021025N	40,944.00
	3"	598021030N	42,059.00
	4"	598021040N	45,124.00
	5"	598021050N	58,943.00
	6"	598021060N	58,943.00
	8"	598021080N	85,186.00
	10"	598021100N	110,035.00
	12"	598021120N	175,806.00

PIVA extensions are available on request.


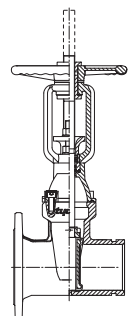
Technical Data Sheet TFP1520

**Model #TMRX – Shut Off Valve, Gate Valve, OS&Y,
 Flange x Flange, ANSI Class #125, AS Table E, & PN16**

 <small>For additional listings or approvals, visit our website at www.grinnell.com</small>	Pipe Size		ANSI Class #125		AS Table E		PN10		PN16	
	Nominal Size	Outside Diameter	Part Number	List Price	Part Number	List Price	Part Number	List Price	Part Number	List Price
	2"	50 60.3mm	TMRX00605	POA	-	-	-	-	TMRX00608	POA
	2½"	65 76.1mm	TMRX00765	30,749.00	-	-	-	-	TMRX00768	30,749.00
	3"	80 88.9mm	TMRX00895	39,945.00	TMRX00899	POA	-	-	TMRX00898	39,945.00
	4"	100 114.3mm	TMRX01145	47,052.00	TMRX01149	POA	-	-	TMRX01148	47,052.00
	5"	125 139.7mm	TMRX01395	POA	-	-	-	-	TMRX01398	POA
	6"	150 168.3mm	TMRX01685	63,042.00	TMRX01689	POA	-	-	TMRX01688	63,042.00
	8"	200 219.1mm	TMRX02195	98,876.00	TMRX02199	POA	TMRX02197	98,876.00	TMRX02198	98,876.00
	10"	250 273.0mm	TMRX02735	133,108.00	-	-	TMRX02737	133,108.00	TMRX02738	133,108.00
	12"	300 323.9mm	TMRX03245	207,681.00	-	-	TMRX03247	207,681.00	TMRX03248	207,681.00


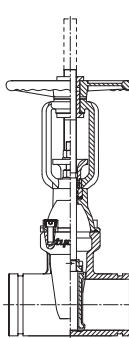
 Orders for items in shaded areas **cannot** be cancelled or returned.

**Model #TMRT – Shut Off Valve, Gate Valve, OS&Y,
 Flange x Groove**

 <small>For additional listings or approvals, visit our website at www.grinnell.com</small>	Pipe Size		Part Number	List Price
	Nominal Size	Outside Diameter		
	2"	50 60.3mm	TMRT0060T	POA
	2½"	65 76.1mm	TMRT0076T	30,749.00
	3"	80 88.9mm	TMRT0089T	39,945.00
	4"	100 114.3mm	TMRT0114T	47,052.00
	5"	125 139.7mm	TMRT0139T	POA
	6"	150 168.3mm	TMRT0168T	63,042.00
	8"	200 219.1mm	TMRT0219T	98,876.00
	10"	250 273.0mm	TMRT0273T	133,108.00
	12"	300 323.9mm	TMRT0324T	207,681.00

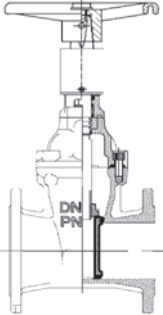
 Orders for items in shaded areas **cannot** be cancelled or returned.

**Model #TMRG – Shut Off Valve, Gate Valve, OS&Y,
 Groove x Groove**

 <small>For additional listings or approvals, visit our website at www.grinnell.com</small>	Pipe Size		Part Number	List Price
	Nominal Size	Outside Diameter		
	2"	50 60.3mm	TMRG0060G	POA
	2½"	65 73.0mm	TMRG0073G	30,749.00
	76.1mm	65 76.1mm	TMRG0076G	30,749.00
	3"	80 88.9mm	TMRG0089G	39,945.00
	4"	100 114.3mm	TMRG0114G	47,052.00
	139.7mm	125 139.7mm	TMRG0139G	POA
	5"	125 141.3mm	TMRG0141G	POA
	165.1mm	150 165.1mm	TMRG0168G	63,042.00
	6"	150 168.3mm	TMRG0165G	63,042.00
	8"	200 219.1mm	TMRG0219G	98,876.00
	10"	250 273.0mm	TMRG0273G	133,108.00
	12"	300 323.9mm	TMRG0324G	207,681.00

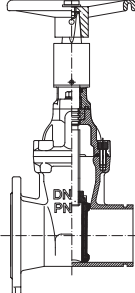
 Orders for items in shaded areas **cannot** be cancelled or returned.

**Model #TMCX – Shut Off Valve, Gate Valve, NRS,
 Flange x Flange, ANSI Class #125, PN10, & PN16**

	Pipe Size		ANSI Class #125		PN10		PN16	
	Nominal Size	Outside Diameter	Part Number	List Price	Part Number	List Price	Part Number	List Price
	2"	50 60.3mm	TMCX00605	POA	–	–	TMCX00608	POA
	2½"	65 76.1mm	TMCX00765	28,449.00	–	–	TMCX00768	28,449.00
	3"	80 88.9mm	TMCX00895	38,227.00	–	–	TMCX00898	38,227.00
	4"	100 114.3mm	TMCX01145	45,554.00	–	–	TMCX01148	45,554.00
	5"	125 139.7mm	TMCX01395	POA	–	–	TMCX01398	POA
	6"	150 168.3mm	TMCX01685	58,420.00	–	–	TMCX01688	58,420.00
	8"	200 219.1mm	TMCX02195	86,300.00	TMCX02197	86,300.00	TMCX02198	86,300.00
	10"	250 273.0mm	TMCX02735	125,421.00	TMCX02737	125,421.00	TMCX02738	125,421.00
	12"	300 323.9mm	TMCX03245	175,515.00	TMCX03247	175,515.00	TMCX03248	175,515.00

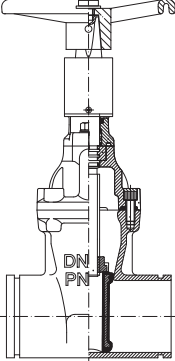
Orders for items in shaded areas **cannot** be cancelled or returned.

**Model #TMCT – Shut Off Valve, Gate Valve, NRS,
 Flange x Groove**

	Pipe Size		Part Number	List Price
	Nominal Size	Outside Diameter		
	2"	50 60.3mm	TMCT0060T	POA
	2½"	65 76.1mm	TMCT0076T	28,449.00
	3"	80 88.9mm	TMCT0089T	38,227.00
	4"	100 114.3mm	TMCT0114T	45,554.00
	5"	125 139.7mm	TMCT0139T	POA
	6"	150 168.3mm	TMCT0168T	58,420.00
	8"	200 219.1mm	TMCT0219T	86,300.00
	10"	250 273.0mm	TMCT0273T	125,421.00
	12"	300 323.9mm	TMCT0324T	175,515.00


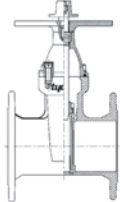
Orders for items in shaded areas **cannot** be cancelled or returned.

**Model #TMCG – Shut Off Valve, Gate Valve, NRS,
 Groove x Groove**

	Pipe Size		Part Number	List Price
	Nominal Size	Outside Diameter		
	2"	50 60.3mm	TMCG0060G	POA
	2½"	65 73.0mm	TMCG0073G	28,449.00
	76.1mm	65 76.1mm	TMCG0076G	28,449.00
	3"	80 88.9mm	TMCG0089G	38,227.00
	4"	100 114.3mm	TMCG0114G	45,554.00
	139.7mm	125 139.7mm	TMCG0139G	POA
	5"	125 141.3mm	TMCG0141G	POA
	165.1mm	150 165.1mm	TMCG0168G	58,420.00
	6"	150 168.3mm	TMCG0165G	58,420.00
	8"	200 219.1mm	TMCG0219G	86,300.00
	10"	250 273.0mm	TMCG0273G	125,421.00
	12"	300 323.9mm	TMCG0324G	175,515.00


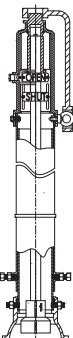
Orders for items in shaded areas **cannot** be cancelled or returned.

**Model #TMCXP – Shut Off Valve, Gate Valve, NRS,
 Flange x Flange, ANSI Class #125, PN10, & PN16**

 <small>For additional listings or approvals, visit our website at www.grinnell.com</small>	Pipe Size		ANSI Class #125		PN10		PN16	
	Nominal Size	Outside Diameter	Part Number	List Price	Part Number	List Price	Part Number	List Price
	4"	100 114.3mm	TMCXP1145	28,240.00	-	-	TMCXP1148	28,240.00
	5"	125 139.7mm	TMCXP1395	POA	-	-	TMCXP1398	POA
	6"	150 168.3mm	TMCXP1685	42,361.00	-	-	TMCXP1688	42,361.00
	8"	200 219.1mm	TMCXP2195	58,664.00	TMCXP2197	58,664.00	TMCXP2198	58,664.00
	10"	250 273.0mm	TMCXP2735	99,724.00	TMCXP2737	99,724.00	TMCXP2738	99,724.00
	12"	300 323.9mm	TMCXP3245	141,202.00	TMCXP3247	141,202.00	TMCXP3248	141,202.00


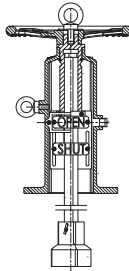
Orders for items in shaded areas **cannot** be cancelled or returned.

Model #POSTIND – Indicator Post, Adjustable, TMCXP

 <small>For additional listings or approvals, visit our website at www.grinnell.com</small>	Pipe Size		Part Number	List Price
	Nominal Size	Adjustment Range		
	4" 12"	403 1,043mm	POSTINDA	66,188.00
	4" 12"	995 1,635mm	POSTINDB	68,046.00
	4" 12"	1,545 2,185mm	POSTINDC	70,380.00
	4" 12"	2,100 2,740mm	POSTINDD	72,703.00

Orders for items in shaded areas **cannot** be cancelled or returned.

Model #WALLIND – Indicator Post Wall Type

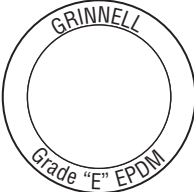
 <small>For additional listings or approvals, visit our website at www.grinnell.com</small>	Pipe Size		Part Number	List Price
	Nominal Size	Adjustment Range		
	4" 12"	710mm	WALLIND	35,962.00

Orders for items in shaded areas **cannot** be cancelled or returned.

Replacement Gaskets									
<i>Pipe Size</i>		<i>Grade "E" Type "A" PreLube Gasket (for #577, #705)</i>		<i>Grade "E" EPDM Gasket (for #707, #770)</i>		<i>TriSeal Grade "E" EPDM Gasket (for #577, #705, #707)</i>		<i>Grade "E" EPDM Type "A" Gasket (for #71)</i>	
<i>Nominal Size</i>	<i>Outside Diameter</i>	<i>Part Number</i>	<i>List Price</i>	<i>Part Number</i>	<i>List Price</i>	<i>Part Number</i>	<i>List Price</i>	<i>Part Number</i>	<i>List Price</i>
1"	33.4mm	034EPDMAPL	POA	034EPDME	894.50	034EPDME3	1,753.00	-	-
1 1/4"	42.4mm	042EPDMAPL	952.50	042EPDME	938.51	042EPDME3	1,846.00	-	-
1 1/2"	48.3mm	048EPDMAPL	1,010.00	048EPDME	1,010.00	048EPDME3	1,858.00	-	-
2"	60.3mm	060EPDMAPL	1,033.00	060EPDME	1,010.00	060EPDME3	1,881.00	71060EPDME	1,010.00
2 1/2"	73.0mm	073EPDMAPL	1,254.00	073EPDME	1,208.00	073EPDME3	2,334.00	71073EPDME	1,184.00
76.1mm	76.1mm	076EPDMAPL	1,347.00	076EPDME	1,208.00	076EPDME3	2,334.00	71076EPDME	1,184.00
3"	88.9mm	089EPDMAPL	1,359.00	089EPDME	1,312.00	089EPDME3	2,334.00	71089EPDME	1,266.00
4"	114.3mm	114EPDMAPL	1,742.00	114EPDME	1,626.00	114EPDME3	3,135.00	71114EPDME	1,661.00
139.7mm	139.7mm	139EPDMAPL	2,485.00	139EPDME	2,113.00	139EPDME3	5,574.00	71139EPDME	2,009.00
5"	141.3mm	141EPDMAPL	2,299.00	141EPDME	2,113.00	141EPDME3	5,574.00	71141EPDME	2,009.00
165.1mm	165.1mm	165EPDMAPL	2,740.00	165EPDME	2,299.00	165EPDME3	5,667.00	71165EPDME	2,334.00
6"	168.3mm	168EPDMAPL	2,531.00	168EPDME	2,299.00	168EPDME3	5,667.00	71168EPDME	2,334.00
8"	219.1mm	219EPDMAPL	3,623.00	219EPDME	3,124.00	219EPDME3	5,911.00	71219EPDME	3,124.00
10"	273.0mm	273EPDMAPL	6,085.00	273EPDME	3,971.00	273EPDME3	7,617.00	71273EPDME	3,217.00
12"	323.9mm	324EPDMAPL	6,340.00	324EPDME	4,610.00	324EPDME3	9,069.00	71324EPDME	3,751.00

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: TFP1895

Replacement Gaskets				
EPDM "E" Gaskets For #716 Reducing Coupling				
	<i>Nominal Size</i>	<i>Outside Diameter</i>	<i>Part No. "E" EPDM</i>	<i>List Price</i>
	2" x 1 1/2"	60.3 x 48.3mm	716060048EPDME	941.00
	2 1/2" x 2"	73.0 x 60.3mm	716073060EPDME	1,219.00
	76.1mm x 2"	76.1 x 60.3mm	716076060EPDME	1,219.00
	3" x 2"	88.9 x 60.3mm	716089060EPDME	1,417.00
	3" x 2 1/2"	88.9 x 73.0mm	716089073EPDME	1,417.00
	3" x 76.1mm	88.9 x 76.1mm	716089076EPDME	1,417.00
	4" x 2"	114.3 x 60.3mm	716114060EPDME	1,637.00
	4" x 2 1/2"	114.3 x 73.0mm	716114073EPDME	1,661.00
	4" x 76.1mm	114.3 x 76.1mm	716114076EPDME	1,661.00
	4" x 3"	114.3 x 88.9mm	716114089EPDME	1,742.00
	139.7mm x 4"	139.7 x 114.3mm	716139114EPDME	2,032.00
	5" x 4"	141.3 x 114.3mm	716141114EPDME	2,032.00
	165.1mm x 4"	165.1 x 114.3mm	716165114EPDME	2,311.00
	6" x 4"	168.3 x 114.3mm	716168114EPDME	2,311.00
6" x 5"	168.3 x 141.3mm	716168141EPDME	2,508.00	
8" x 6"	219.1 x 168.3mm	716219168EPDME	2,787.00	

Orders for items in shaded areas **cannot** be cancelled or returned.

Technical Data Sheet: G610

Introduction

Couplings & Fittings

Mechanical Tees

Valves

Gaskets & Spare Parts

Preparation Equipment

Miscellaneous

Indices

#71 Flange Adaptor – Metal Washer

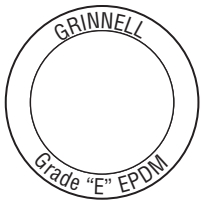
	Pipe Size		Washer	
	Nominal Size	Outside Diameter	Part No.	List Price
	2"	60.3mm	71060FWC	2,682.00
2 1/2"	73.0mm	71073FWC	2,822.00	
76.1mm	76.1mm	71076FWC	2,822.00	
3"	88.9mm	71089FWC	3,309.00	
4"	114.3mm	71114FWC	3,844.00	
5"	141.3mm	71141FWC	4,680.00	
165.1mm	165.1mm	71165FWC	5,342.00	
6"	168.3mm	71168FWC	5,342.00	
8"	219.1mm	71219FWC	6,770.00	
10"	273.0mm	71273FWC	9,394.00	
12"	323.9mm	71324FWC	13,760.00	



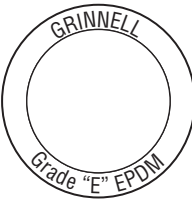
Orders for items in shaded areas **cannot** be cancelled or returned.

**#702 – Outlet Coupling
 Replacement Grade "E" EPDM Gaskets**

	Pipe Size		Grade "E" EPDM	
	Nominal Size	Outside Diameter	Part Number	List Price
1 1/2" x 1/2"	48.3 x 21.3mm	702048021EPDME	1,602.00	
1 1/2" x 3/4"	48.3 x 26.7mm	702048027EPDME	1,602.00	
1 1/2" x 1"	48.3 x 33.4mm	702048034EPDME	1,602.00	
2" x 1/2"	60.3 x 21.3mm	702060021EPDME	1,626.00	
2" x 3/4"	60.3 x 26.7mm	702060027EPDME	1,626.00	
2" x 1"	60.3 x 33.4mm	702060034EPDME	1,626.00	
2 1/2" x 1/2"	73.0 x 21.3mm	702073021EPDME	3,402.00	
2 1/2" x 3/4"	73.0 x 26.7mm	702073027EPDME	3,402.00	
2 1/2" x 1"	73.0 x 33.4mm	702073034EPDME	3,402.00	
2 1/2" x 1 1/4"	73.0 x 42.4mm	702073042EPDME	3,786.00	
2 1/2" x 1 1/2"	73.0 x 48.3mm	702073048EPDME	3,786.00	
3" x 3/4"	88.9 x 26.7mm	702089027EPDME	2,764.00	
3" x 1"	88.9 x 33.4mm	702089034EPDME	3,925.00	
3" x 1 1/4"	88.9 x 42.4mm	702089042EPDME	3,925.00	
3" x 1 1/2"	88.9 x 48.3mm	702089048EPDME	3,925.00	
4" x 3/4"	114.3 x 26.7mm	702114027EPDME	3,925.00	
4" x 1"	114.3 x 33.4mm	702114034EPDME	3,925.00	
4" x 1 1/4"	114.3 x 42.4mm	702114042EPDME	3,925.00	
4" x 1 1/2"	114.3 x 48.3mm	702114048EPDME	6,131.00	
4" x 2"	114.3 x 60.3mm	702114060EPDME	6,131.00	
6" x 1"	168.3 x 33.4mm	702168034EPDME	8,001.00	
6" x 1 1/2"	168.3 x 48.3mm	702168048EPDME	8,001.00	
6" x 2"	168.3 x 60.3mm	702168060EPDME	8,001.00	



#730 Replacement "E" EPDM Gasket

	<i>Nominal Size</i>	<i>Outside Diameter</i>	<i>"E" EPDM Gasket</i>	<i>List Price</i>
	2" x 1/2"	60.3 x 21.3mm	1EPDM730	406.50
	2" x 3/4"	60.3 x 26.7mm	1EPDM730	406.50
	2" x 1"	60.3 x 33.4mm	1EPDM730	406.50
	2" x 1 1/4"	60.3 x 42.4mm	2EPDM730	476.50
	2" x 1 1/2"	60.3 x 48.3mm	2EPDM730	476.50
	2 1/2" x 1 1/2"	73.0 x 21.3mm	1EPDM730	406.50
	2 1/2" x 3/4"	73.0 x 26.7mm	1EPDM730	406.50
	2 1/2" x 1"	73.0 x 33.4mm	1EPDM730	406.50
	2 1/2" x 1 1/4"	73.0 x 42.4mm	3EPDM730	476.50
	2 1/2" x 1 1/2"	73.0 x 48.3mm	3EPDM730	476.50
	2 1/2" x 2"	73.0 x 60.3mm	3EPDM730	476.50
	76.1 x 33.4mm	76.1 x 33.4mm	1EPDM730	406.50
	76.1 x 42.4mm	76.1 x 42.4mm	3EPDM730	476.50
	76.1 x 48.3mm	76.1 x 48.3mm	3EPDM730	476.50
	3" x 1/2"	88.9 x 21.3mm	1EPDM730	406.50
	3" x 3/4"	88.9 x 26.7mm	1EPDM730	406.50
	3" x 1"	88.9 x 33.4mm	1EPDM730	406.50
	3" x 1 1/4"	88.9 x 42.4mm	2EPDM730	476.50
	3" x 1 1/2"	88.9 x 48.3mm	3EPDM730	476.50
	3" x 2"	88.9 x 60.3mm	4EPDM730	476.50
	4" x 1/2"	114.3 x 21.3mm	1EPDM730	406.50
	4" x 3/4"	114.3 x 26.7mm	1EPDM730	406.50
	4" x 1"	114.3 x 33.4mm	1EPDM730	406.50
	4" x 1 1/4"	114.3 x 42.4mm	2EPDM730	476.50
	4" x 1 1/2"	114.3 x 48.3mm	3EPDM730	476.50
	4" x 2"	114.3 x 60.3mm	4EPDM730	476.50
	4" x 2 1/2"	114.3 x 73.0mm	5EPDM730	557.50
	4" x 3"	114.3 x 88.9mm	7EPDM730	615.50
	5" x 1 1/2"	141.3 x 48.3mm	3EPDM730	476.50
	5" x 2"	141.3 x 60.3mm	4EPDM730	476.50
	5" x 2 1/2"	141.3 x 73.0mm	5EPDM730	557.50
	5" x 3"	141.3 x 88.9mm	7EPDM730	615.50
165.1 x 42.4mm	165.1 x 42.4mm	3EPDM730	476.50	
165.1 x 48.3mm	165.1 x 48.3mm	3EPDM730	476.50	
165.1 x 60.3mm	165.1 x 60.3mm	4EPDM730	557.50	
165.1 x 76.1mm	165.1 x 76.1mm	6EPDM730	615.50	
165.1 x 88.9mm	165.1 x 88.9mm	8EPDM730	615.50	
165.1 x 114.3mm	165.1 x 114.3mm	9EPDM730	848.00	
6" x 1 1/4"	168.3 x 42.4mm	3EPDM730	476.50	
6" x 1 1/2"	168.3 x 48.3mm	3EPDM730	476.50	
6" x 2"	168.3 x 60.3mm	4EPDM730	476.50	
6" x 2 1/2"	168.3 x 73.0mm	6EPDM730	557.50	
6" x 3"	168.3 x 88.9mm	8EPDM730	615.50	
6" x 4"	168.3 x 114.3mm	9EPDM730	848.00	
8" x 2"	219.1 x 60.3mm	4EPDM730	581.00	
8" x 2 1/2"	219.1 x 73.0mm	6EPDM730	581.00	
8" x 3"	219.1 x 88.9mm	8EPDM730	615.50	
8" x 4"	219.1 x 114.3mm	9EPDM730	848.00	
Note				
Orders for items in shaded areas cannot be cancelled or returned.				
Technical Data Sheet: G610				

Introduction

Couplings & Fittings

Mechanical Tees

Valves

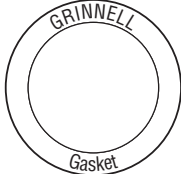
Gaskets & Spare Parts

Preparation Equipment

Miscellaneous

Indices

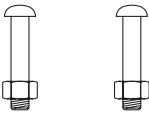
Replacement Gaskets
Grade “E” Type “A” Gaskets For #522 GFIRE Sprinkler Outlet

	<i>Nominal Size</i>	<i>Outside Diameter</i>	<i>Part Number</i>	<i>List Price</i>
	1" x 1/2"	33.4 x 21.3mm	522EPDMA290	POA
	1" x 3/4"	33.4 x 26.7mm	522EPDMA290	POA
	1" x 1"	33.4 x 33.4mm	522EPDMA290	POA
	1 1/4" x 1/2"	42.4 x 21.3mm	522EPDMA001	POA
	1 1/4" x 3/4"	42.4 x 26.7mm	522EPDMA001	POA
	1 1/4" x 1"	42.4 x 33.4mm	522EPDMA001	POA
	1 1/2" x 1/2"	48.3 x 21.3mm	522EPDMA001	POA
	1 1/2" x 3/4"	48.3 x 26.7mm	522EPDMA001	POA
	1 1/2" x 1"	48.3 x 33.4mm	522EPDMA001	POA
2" x 1/2"	60.3 x 21.3mm	522EPDMA001	POA	
2" x 3/4"	60.3 x 26.7mm	522EPDMA001	POA	
2" x 1"	60.3 x 33.4mm	522EPDMA304	POA	
76.1mm x 1/2"	76.1 x 21.3mm	522EPDMA001	POA	
76.1mm x 3/4"	76.1 x 26.7mm	522EPDMA001	POA	
76.1mm x 1"	76.1 x 33.4mm	522EPDMA304	POA	

Orders for items in shaded areas **cannot** be cancelled or returned.


Technical Data Sheet: G610

Coupling Nut and Bolt Kit

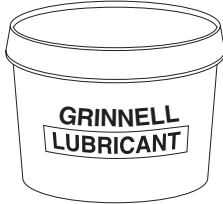
	<i>Size</i>		<i>Qty/Kit</i>	<i>Part Number</i>	<i>List Price</i>
	3/8" x 2 1/8"	–	2	NB38218	441.50
	3/8" x 2 1/4"	M10 x 57	2	NBM1057	441.50
	1/2" x 2 3/8"	–	2	NB12238	453.00
	1/2" x 3"	M12 x 89	2	NBM1276	464.50
	5/8" x 2 3/4"	M16 x 70	2	NBM1670	557.50
	5/8" x 3 1/4"	M16 x 83	2	NBM1683	557.50
	5/8" x 3 1/2"	M16 x 89	2	NBM1689	604.00
	3/4" x 4 1/4"	M20 x 108	2	NBM20108	639.00
	3/4" x 4 3/4"	M20 x 121	2	NBM20121	883.00
7/8" x 5 1/2"	M22 x 140	2	NBM22139	1,359.00	
7/8" x 6 1/2"	M22 x 165	2	NBM22165	1,510.00	
1" x 5 1/2"	M24 x 140	3	NB100512	1,510.00	
1" x 6 1/2"	M24 x 165	2	NBM24165	1,579.00	
1 1/8" x 5 3/4"	–	4	NB118534	2,044.00	

Orders for items in shaded areas **cannot** be cancelled or returned.


All standard couplings can be provided with stainless steel nuts and bolts upon request.

GRINNELL Gasket Lubricant			
	<i>Nominal Size</i>	<i>Part Number</i>	<i>List Price</i>
		1 Quart	GRINQT

Orders for items in shaded areas *cannot* be cancelled or returned.

GRINNELL Silicone Gasket Lubricant Recommended for use with TriSeal Gasket Dow Corning* #DC No. 7			
	<i>Nominal Size</i>	<i>Part Number</i>	<i>List Price</i>
	5.3 oz Tube	GRINTUB	POA
	8 Lb. Can	GRINCAN	POA

Orders for items in shaded areas *cannot* be cancelled or returned.

Pipe Tape Chrome Plated with GRINNELL Logo			
	<i>Size</i>	<i>Part Number</i>	<i>List Price</i>
	1 Roll	GRNTAPE	2,032.00
	1" - 24"	ZKLM024	3,125.00

Introduction

Couplings & Fittings

Mechanical Tees

Valves

Gaskets & Spare Parts

Preparation Equipment

Miscellaneous

Indices

* Dow Corning is a trademark of Dow Corning Corporation.

Roll Grooving Machine Selection Chart

<i>Machine Type</i>	<i>Model</i>	<i>Description</i>	<i>Drive</i>	<i>Part No.</i>	<i>List Price **</i>	
Automated	TWGIVZ	Automated Roll Grooving Machine 8" – 24" (200 600mm) Steel Pipe 8" – 12" (200 300mm) Plastic Lining Pipe Max Wall Thickness 12mm Includes items (a) thru (i) below	Single Phase Motor 22003000W, 110v 240v, Freq. 5060Hz	IVZ002	POA	
		Replacement parts for the Model TWGIVZ				
		(a) IVZ Small Knurl Wheel (219 325mm)	Bottom Roller	IVZ01018S	POA	
		(b) IVZ Medium Knurl Wheel (337 426mm)	Bottom Roller	IVZ01018M	POA	
		(c) IVZ Large Knurl Wheel (480 630mm)	Bottom Roller	IVZ01018L	POA	
		(d) IVZ Small Pinch Roller (219530mm)	Top Roller	IVZ01013S	POA	
		(e) IVZ Large Pinch Roller (630mm)	Top Roller	IVZ01013L	POA	
		(f) IVZ Hydraulic Pipe Stand suits 8"24"	–	IVZ04000	POA	
		(g) IVZ HiSupport Hydraulic Pump	–	IVZ07000	POA	
		(h) TWG IVZ Guide Wheel	–	IVZ03000	POA	
(i) TWG IVZ Foot Switch	–	IVZ08000	POA			
Portable Roll Grooving Machines	TWGIVA	Roll Grooving Machine, 8" – 24" (200 600mm) Max Wall Thickness 12mm Includes items (a) thru (g) below	Single Phase Motor 2200W, 110v 240v, Freq. 5060Hz	TWGIVA1PH	POA	
		Replacement parts for the Model TWGIVA				
		(a) IVA Small Knurl wheel (219 325mm)	Bottom Roller	IVA01018S	POA	
		(b) IVA Medium Knurl wheel (337 426mm)	Bottom Roller	IVA01018M	POA	
		(c) IVA Large Knurl wheel (480 630mm)	Bottom Roller	IVA01018L	POA	
		(d) IVA Small pinch roller (219530mm)	Top Roller	IVA01013S	POA	
		(e) IVA Large pinch roller (630mm)	Top Roller	IVA01013L	POA	
		(f) IVA Hydraulic Pipe Stand suits 824"	–	IVA04000	POA	
	(g) IVA Guide Wheel	–	IVA03000	POA		
	TWGVIA	Roll Grooving Machine, 1" – 12" (25 300mm) Steel Pipe 1" – 3" (25 80mm) Plastic Lining Pipe Max Wall Thickness 10mm Includes items (a) thru (h) below	Single Phase Motor 1500W, 110v 240v, Freq. 5060Hz	TWGVIA1PH	POA	
		Replacement parts for the Model TWGVIA				
		(a) VIA small Knurl wheel (3348mm)	Bottom Roller	VIA1005S	POA	
		(b) VIA medium Knurl wheel (60168mm)	Bottom Roller	VIA1005M	POA	
		(c) VIA large Knurl wheel (219325mm)	Bottom Roller	VIA1005L	POA	
		(d) VIA pinch roller small (3348mm)	Top Roller	VIA02005S	POA	
		(e) VIA pinch roller medium (60168mm)	Top Roller	VIA02005M	POA	
		(f) VIA pinch roller large (219325mm)	Top Roller	VIA02005L	POA	
		(g) VIA steel pipe support suits 112"	–	VIA08000	POA	
(h) VIA guide wheel		–	VIA05000	POA		
Hole Cutting Tool	TWKIIIA	Hole Cutting Tool 5/8" – 4 1/2" (16 114mm) Includes items (a) thru (b) below	Single Phase Motor 550800W, 110v 240v, Freq. 5060Hz	TWKIIIA002	POA	
		Replacement parts for the Model TWKIIIA				
		(a) Tightening Chain	–	TWKIIIA003	POA	
(b) Handle Spare	–	TWKIIIA010	POA			

See technical data sheets for specific approvals, listings, and design parameters.
 POA = Price on availability. Prices subject to change without notice.

Refer to back cover for country-specific customer care numbers.

Roll Grooving Machine Selection Chart

Machine Type	Pace Model	Size Range			Drive	Rolls Supplied		Part No.	List Price **
		Sch. 40	Sch. 10	Std. Wall		Size	Steel		
Portable with Electric Motor	1112	1" – 12"	–	–	1½ HP, 110V	1" – 12"	■	41048A	402,031.00
	1023	1¼" – 12"	–	12" – 24"	1½ HP, 110V	1¼" – 12"	■	41029A	594,558.00
						2" – 12"	■	41250A	565,830.00
						1¼" – 24"	■	41251A	662,348.00
2" – 24"	■	41252A	633,365.00						
Portable for Ridgid® 300	1012	1" – 12"	–	–	Ridgid® 300	1" – 12"	■	41041A	223,113.00
	1022	1¼" – 12"	–	12" – 16"	Ridgid® 300	1¼" – 16"	■	41027A	502,219.00
	1041	1" – 6"	1" – 12"	–	Ridgid® 300	1" – 12"	■	41018A	POA
Mini-Mites	1039-66	1¼" – 6"	–	–	Ridgid® 300, Hand Crank	2" – 8" CTS		41047A	58,362.00
	1039	1¼" – 6"	–	–	Ridgid® 300, Hand Crank	1¼" – 6" IPS	■	41017A	61,590.00
	1034	1¼" – 6"	–	–	Ridgid® 300	1¼" – 6" IPS	■	41015A	58,362.00
	1041	–	–	–	Ridgid® 300	2" – 8" CTS		41014A	POA
Automated	2021	1¼" – 12"	–	12" – 24"	3 HP, 220V	1¼" – 12"	■	41257A	1,044,894.00
						2" – 12"	■	41258A	1,016,213.00
						1¼" – 24"	■	41032A	1,112,778.00
						2" – 24"	■	41259A	1,081,077.00
2050	4" – 12"	4" – 30"	12" – 30"	5 HP, 220V	4" – 6"	■	41033A	POA	
2112	1" – 12"	–	–	½ HP, 110V	1" – 12"	■	41210A	POA	
Portable Cut Groover	1000	2" – 8"	–	–	1 HP, 115V	2" – 8"		41260A	468,056.00
		2" – 12"	–	–		2" – 12"		41261A	511,996.00

Note

** Accessories not included, refer to Accessory Table Below.

Accessories

Item	Pace Model	Size Range	Capacity	Part No.	List Price
Pipe Stands	4031	1" – 4"	600 Lbs.	41037A	23,874.00
	4000	2" – 8"	900 Lbs.	41038A	29,494.00
	4033	2" – 14"	1,200 Lbs.	41039A	36,926.00
	4040	12" – 24"	4,000 Lbs.	41040A	93,686.00
Nipple Bracket	4037	Fits Model 1021 / 22 / 23 / 2021	–	41035A	29,843.00
	4045	4" – 12" Fits Model 1012 / 1112	–	41512A	24,826.00
Mounting Feet	4039	Fits Portable Roll Groovers and Model 1000	–	41034A	7,525.00
	4046	PA Mounting Feet	–	41013A	7,014.00
Porta-Bore	3013	Up to 4¼" Holes in Pipe 1¼" – 12"	–	41049A	123,227.00



Roll Selection Chart										
Machine	Pipe	Size	Top		Size	Bottom		Parts	Part Number	List Price
			Part No.	List Price		Part No.	List Price			
1021, 1023, 2021	Sch. 40	1 1/4" – 1 1/2"	41262A	16,721.00	1 1/4" – 1 1/2"	41281A	12,123.00			
		2" – 3 1/2"	41263A	14,585.00	2" – 3 1/2"	41282A	11,240.00			
		4" – 6"	41264A	12,959.00	4" – 6"	41283A	17,000.00			
		8" – 12"	41265A	12,959.00	8" – 12"	41284A	20,298.00			
	Std. Wall	14" – 16"	41266A	12,169.00	14" – 16"	41285A	22,318.00			
		18" – 24"	41267A	12,169.00	18" – 24"	41286A	22,318.00	Depth Gauge 4043	41509A	1,672.00
1010, 2010	Sch. 10, Sch. 40	1 1/2" – 6"	41269A	12,169.00	1 1/2"	41288A	11,240.00			
			–	–	2" – 3 1/2"	41289A	11,240.00			
			–	–	4" – 6"	41290A	16,350.00			
	Sch. 10	8" – 12"	41270A	12,169.00	8" – 12"	41291A	16,350.00			
1040, 2040	Sch. 40	1" – 1 1/2"	41271A	9,986.00	1" – 1 1/2"	41292A	9,986.00			
		1" – 6"	41272A	8,825.00	1" – 6"	41293A	8,361.00			
		2" – 6"	41273A	9,986.00	–	–	–			
	Sch. 10	8" – 12"	41274A	8,825.00	8" – 12"	41294A	13,795.00	Depth Gauge 4021	41510A	1,672.00
1012, 1112, 2112	Sch. 40	1" – 1 1/2"	41276A	9,986.00	1" – 1 1/2"	41296A	9,986.00			
		2" – 6"	41277A	9,986.00	2" – 6"	41297A	8,361.00			
		8" – 12"	41278A	9,986.00	8" – 12"	41298A	13,911.00	Depth Gauge 4021	41510A	1,672.00
1021, 1022, 1023, 2021	SS 10 Ga.				2" – 3 1/2"	41299A	12,285.00			
					4" – 6"	41500A	18,719.00			
					8" – 12"	41501A	22,318.00			
					14" – 16"	41504A	24,525.00			
					18" – 24"	41505A	24,525.00			
1040, 1112, 2112	SS 10 Ga.				2" – 6"	41502A	9,243.00			
					8" – 12"	41503A	16,535.00			
1034, 1039	Sch. 40	1 1/4" – 6", with brg.	41279A	2,346.00				1034 Drive Shaft 1 1/4" – 6"	41511A	3,669.00
								1039 Drive Shaft 1 1/4" – 6"	41513A	4,645.00
								Depth Gauge 4021	41510A	1,672.00

See technical data sheets for specific approvals, listings, and design parameters.
POA = Price on availability. Prices subject to change without notice.

Refer to back cover for country-specific customer care numbers.

Grooved Couplings – Pieces Per Carton/Pallet

Nominal Size	#577 Rigid Coupling		#705 Flexible Coupling				#707 HD Flexible Coupling			
	Primary Warehouse		Primary Warehouse		Secondary Warehouse		Primary Warehouse		Secondary Warehouse	
	Pieces / Carton	Pieces / Pallet	Pieces / Carton	Pieces / Pallet	Pieces / Carton	Pieces / Pallet	Pieces / Carton	Pieces / Pallet	Pieces / Carton	Pieces / Pallet
1	28	1008	28	1008	–	–	–	–	–	800
1¼	24	864	24	864	32	384	24	648	–	–
1½	20	720	20	720	32	384	–	–	–	480
2"	16	576	16	576	28	336	–	–	–	385
2½	–	741	12	432	20	240	–	–	–	315
76.1mm	–	728	–	637	–	350	–	–	–	315
3"	–	630	8	288	35	210	–	–	–	240
4"	–	377	–	324	–	175	–	–	–	150
139.7mm	–	240	–	198	–	–	–	198	–	–
5"	–	220	–	198	–	96	–	198	–	80
165.1mm	–	180	–	165	–	100	–	–	–	70
6"	–	180	–	165	–	100	–	–	–	64
8"	–	80	–	80	–	48	–	–	–	36
10"	–	–	–	40	–	24	–	–	–	24
12"	–	–	–	30	–	20	–	–	–	20

Grooved Couplings – Pieces Per Carton/Pallet

Nominal Size	#71 Flange Adaptor				#770 Heavy Duty Coupling		Nominal Size	#716 Reducing Coupling			
	Primary Warehouse		Secondary Warehouse		Primary Warehouse			Primary Warehouse		Secondary Warehouse	
	Pieces / Carton	Pieces / Pallet	Pieces / Carton	Pieces / Pallet	Pieces / Carton	Pieces / Pallet		Pieces / Carton	Pieces / Pallet	Pieces / Carton	Pieces / Pallet
2"	–	–	–	210	–	385	2" x 1½"	–	–	20	240
2½	–	–	–	210	–	315	2½" x 2"	9	324	20	240
76.1mm	–	–	–	156	–	–	3" x 2"	–	–	12	144
3"	–	–	–	124	–	240	3" x 2½"	–	–	12	144
4"	–	–	–	124	–	120	3" x 76.1mm	7	252	–	–
5"	1	176	–	30	–	–	4" x 2"	–	–	8	96
165.1mm	–	–	–	36	–	–	4" x 2½"	–	–	8	96
6"	–	–	–	30	–	60	4" x 76.1mm	5	180	–	–
8"	1	96	–	30	–	36	4" x 3"	–	–	8	96
10"	1	20	–	24	–	18	5" x 4"	3	108	–	80
12"	1	20	–	24	–	20					

Introduction

Couplings & Fittings

Mechanical Tees

Valves

Gaskets & Spare Parts

Preparation Equipment

Miscellaneous

Indices



Grooved Fittings – Pieces Per Carton/Pallet

Nominal Size	#510 90° Elbow				#501 45° Elbow				#212 22 1/2° Elbow		#211 11 1/4° Elbow	
	Primary Warehouse		Secondary Warehouse		Primary Warehouse		Secondary Warehouse		Primary Warehouse		Primary Warehouse	
	Pieces / Carton	Pieces / Pallet	Pieces / Carton	Pieces / Pallet	Pieces / Carton	Pieces / Pallet	Pieces / Carton	Pieces / Pallet	Pieces / Carton	Pieces / Crate	Pieces / Carton	Pieces / Crate
1"	81	2916	–	–	60	2160	–	–	–	–	–	–
1 1/4"	32	1152	40	480	56	2016	45	540	72	864	–	–
1 1/2"	28	1008	36	432	42	1512	39	468	60	720	80	960
2"	15	540	18	216	24	864	24	288	38	456	48	576
2 1/2"	8	288	12	144	12	432	15	180	24	288	24	288
76.1mm	8	288	6	72	12	432	10	120	–	–	–	–
3"	5	180	6	72	8	288	10	120	12	144	40	480
4"	–	120	–	56	–	210	–	96	–	112	–	198
139.7mm	–	65	–	–	–	96	–	–	–	–	–	–
5"	–	56	–	35	–	80	–	140	–	210	–	315
165.1mm	–	42	–	63	–	72	–	30	–	–	–	–
6"	–	40	–	24	–	54	–	90	–	–	–	72
8"	–	21	–	11	–	36	–	16	–	16	–	–
10"	–	10	–	7	–	16	–	9	–	–	–	–
12"	–	6	–	5	–	12	–	9	–	–	–	–

Grooved Short Pattern Fittings – Pieces Per Carton/Pallet

Nominal Size	#510S Short Pattern 90° Elbow				#519S Short Pattern Tee			
	Primary Warehouse		Secondary Warehouse		Primary Warehouse		Secondary Warehouse	
	Pieces / Carton	Pieces / Pallet	Pieces / Carton	Pieces / Pallet	Pieces / Carton	Pieces / Pallet	Pieces / Carton	Pieces / Pallet
2"	18	648	18	216	14	504	15	180
2 1/2"	10	360	12	144	6	216	20	120
76.1mm	10	360	–	–	6	216	–	–
3"	8	288	10	120	5	180	7	84
4"	–	168	–	70	–	102	–	60
139.7mm	–	72	–	–	–	60	–	–
5"	–	72	–	–	–	60	–	–
165.1mm	–	48	–	–	–	37	–	–
6"	–	44	–	28	–	37	–	15
8"	–	22	–	11	–	18	–	24

See technical data sheets for specific approvals, listings, and design parameters.
 POA = Price on availability. Prices subject to change without notice.

Refer to back cover for country-specific customer care numbers.

Grooved Fittings – Pieces Per Carton/Pallet

Nominal Size	#519 Tee				#260 Cap				Nominal Size	#522 GFIRE Sprinkler Outlet	
	Primary Warehouse		Secondary Warehouse		Primary Warehouse		Secondary Warehouse			Primary Warehouse	
	Pieces / Carton	Pieces / Pallet	Pieces / Carton	Pieces / Pallet	Pieces / Carton	Pieces / Pallet	Pieces / Carton	Pieces / Pallet		Pieces / Carton	Pieces / Pallet
1"	50	1800	–	–	147	5292	–	–	1" x 1/2"	48	1728
1 1/4"	26	936	28	336	140	5040	294	3528	1" x 3/4"	36	1296
1 1/2"	18	648	28	336	105	3780	210	2520	1" x 1"	36	1296
2"	12	432	24	144	64	2304	140	1680	1 1/4 x 1/2"	32	1152
2 1/2"	5	180	8	96	42	1512	84	1008	1 1/4 x 3/4"	28	1008
76.1mm	5	180	3	36	42	1512	–	–	1 1/4 x 1"	24	864
3"	3	108	3	36	30	1080	63	756	1 1/2" x 1/2"	32	1152
4"	–	80	–	46	12	432	30	360	1 1/2" x 3/4"	24	864
139.7mm	–	46	–	–	6	216	–	–	1 1/2" x 1"	24	864
5"	–	33	–	36	6	216	–	392	2" x 1/2"	24	864
165.1mm	–	29	–	–	4	144	–	288	2" x 3/4"	20	720
6"	–	29	–	12	4	144	–	288	2" x 1"	20	720
8"	–	14	–	8	3	108	–	160	76.1 x 21.3mm	20	720
10"	–	7	–	10	–	70	–	96	76.1 x 26.7mm	16	576
12"	–	4	–	8	–	50	–	63	76.1 x 33.4mm	16	576
14"	–	–	–	–	–	–	–	–	–	–	–
16"	–	2	–	–	–	–	–	–	–	–	–

Introduction

Couplings & Fittings

Mechanical Tees

Valves

Gaskets & Spare Parts

Preparation Equipment

Miscellaneous

Indices



Grooved Fittings – Pieces Per Carton/Pallet

Nominal Size	#221 Reducing Tee				Nominal Size	#250 Concentric Reducer				#251 Eccentric Reducer	
	Primary Warehouse		Secondary Warehouse			Primary Warehouse		Secondary Warehouse		Primary Warehouse	
	Pieces / Carton	Pieces / Pallet	Pieces / Carton	Pieces / Pallet		Pieces / Carton	Pieces / Pallet	Pieces / Carton	Pieces / Pallet	Pieces / Carton	Pieces / Pallet
2" x 2" x 1 1/2"	12	432	24	144	1 1/4" x 1"	100	3600	-	-	-	-
2 1/2" x 2 1/2" x 1 1/2"	5	180	-	-	1 1/2" x 1"	100	3600	-	-	-	-
2 1/2" x 2 1/2" x 2"	5	180	-	-	1 1/2" x 1 1/4"	-	-	90	1080	-	-
2 1/2" x 2 1/2" x 2 1/2"	5	180	-	-	2" x 1"	64	2304	-	-	-	-
3" x 3" x 1"	3	108	12	72	2" x 1 1/4"	64	2304	-	-	-	-
3" x 3" x 1 1/2"	-	-	4	48	2" x 1 1/2"	45	1620	-	-	-	-
3" x 3" x 2"	3	108	3	36	2 1/2" x 1 1/4"	36	1296	36	432	-	-
3" x 3" x 2 1/2"	3	108	3	36	2 1/2" x 1 1/2"	36	1296	36	432	-	-
4" x 4" x 2"	-	80	-	46	2 1/2" x 2"	27	972	36	432	-	-
4" x 4" x 2 1/2"	-	80	-	46	3" x 1 1/2"	-	-	45	270	-	-
4" x 4" x 3"	-	80	-	46	3" x 2"	29	1044	24	288	18	216
5" x 5" x 3"	-	46	-	75	3" x 2 1/2"	23	828	24	288	18	216
5" x 5" x 4"	-	46	-	36	4" x 2"	14	504	10	120	-	144
6" x 6" x 2"	-	30	-	12	4" x 2 1/2"	14	504	10	120	-	144
6" x 6" x 2 1/2"	-	30	-	48	4" x 3"	14	504	10	120	10	120
6" x 6" x 3"	-	30	-	48	5" x 3"	8	288	-	147	-	147
6" x 6" x 4"	-	29	-	48	5" x 4"	7	252	-	147	-	98
6" x 6" x 5"	-	29	-	-	6" x 2"	5	180	-	72	-	-
8" x 8" x 4"	-	-	-	8	6" x 2 1/2"	5	180	-	72	-	-
8" x 8" x 5"	-	15	-	-	6" x 3"	5	180	-	72	-	72
8" x 8" x 6"	-	15	-	6	6" x 4"	4	144	-	72	-	36
-	-	-	-	-	6" x 5"	4	144	-	216	-	144
-	-	-	-	-	8" x 3"	-	-	-	80	-	-
-	-	-	-	-	8" x 4"	-	-	-	80	-	-
-	-	-	-	-	8" x 5"	-	-	-	32	-	-
-	-	-	-	-	8" x 6"	-	-	-	32	-	-
-	-	-	-	-	10" x 6"	-	-	-	11	-	-
-	-	-	-	-	12" x 4"	-	-	-	9	-	-
-	-	-	-	-	12" x 8"	-	-	-	36	-	-
-	-	-	-	-	12" x 10"	-	-	-	36	-	-

See technical data sheets for specific approvals, listings, and design parameters.
 POA = Price on availability. Prices subject to change without notice.

Refer to back cover for country-specific customer care numbers.

Mechanical Tees – Pieces Per Carton/Pallet

Nominal Size	#730 Mechanical Tee Grooved				#730 Mechanical Tee Threaded			
	Primary Warehouse		Secondary Warehouse		Primary Warehouse		Secondary Warehouse	
	Pieces / Carton	Pieces / Pallet	Pieces / Carton	Pieces / Pallet	Pieces / Carton	Pieces / Pallet	Pieces / Carton	Pieces / Pallet
2" x 1/2"	–	–	–	–	14	378	15	180
2" x 3/4"	–	–	–	–	14	378	15	180
2" x 1"	–	–	–	–	13	351	15	180
2" x 1 1/4"	15	405	15	180	15	405	15	180
2" x 1 1/2"	15	351	12	144	15	351	12	144
2 1/2" x 1 1/2"	–	–	–	–	13	351	14	168
2 1/2" x 3/4"	–	–	–	–	13	351	14	168
2 1/2" x 1"	–	–	–	–	13	351	14	168
2 1/2" x 1 1/4"	13	351	14	168	13	351	14	168
2 1/2" x 1 1/2"	13	351	14	168	13	351	14	168
2 1/2" x 2"	10	270	–	–	10	270	–	–
76.1 x 21.3mm	–	–	–	–	13	351	–	–
76.1 x 26.7mm	–	–	–	–	13	351	–	–
76.1 x 33.4mm	–	–	–	–	13	351	–	–
76.1 x 42.4mm	13	351	–	–	13	351	–	–
76.1 x 48.3mm	13	351	–	–	13	351	–	–
76.1 x 60.3mm	10	270	–	–	10	270	–	–
3" x 1 1/2"	–	–	–	–	10	270	11	132
3" x 3/4"	–	–	–	–	10	270	11	132
3" x 1"	–	–	–	–	10	270	11	132
3" x 1 1/4"	10	270	11	132	10	270	11	132
3" x 1 1/2"	9	243	11	132	9	243	11	132
3" x 2"	7	189	8	96	7	189	8	96
4" x 1 1/2"	–	–	–	–	7	189	8	96
4" x 3/4"	–	–	–	–	8	216	8	96
4" x 1"	–	–	–	–	8	216	8	96
4" x 1 1/4"	14	378	8	96	14	378	8	96
4" x 1 1/2"	14	378	8	96	14	378	8	96
4" x 2"	6	162	6	72	6	162	6	72
4" x 2 1/2"	6	162	5	60	6	162	5	60
4" x 76.1mm	6	162	–	–	6	162	–	–
4" x 3"	5	135	4	48	5	135	8	48
5" x 1 1/2"	4	108	–	–	4	108	–	–
5" x 2"	4	108	4	48	4	108	4	48
5" x 2 1/2"	4	108	8	96	4	108	8	96
5" x 76.1mm	4	108	–	–	4	108	–	–
5" x 3"	3	81	–	–	3	81	–	–
165.1 x 42.4mm	3	81	–	–	3	81	–	–
165.1 x 48.3mm	3	81	–	–	3	81	–	–
165.1 x 60.3mm	3	81	–	–	3	81	–	–
165.1 x 73.0mm	3	81	–	–	3	81	–	–
165.1 x 76.1mm	3	81	–	–	–	–	–	–
165.1 x 88.9mm	–	–	–	–	2	54	–	–
165.1 x 114.3mm	2	54	–	–	–	–	–	–
6" x 1 1/4"	3	81	–	–	3	81	–	–
6" x 1 1/2"	3	81	8	48	3	81	8	48
6" x 2"	3	81	8	48	3	81	7	42
6" x 2 1/2"	3	81	7	42	3	81	7	42
6" x 76.1mm	3	81	–	–	–	–	–	–

Introduction

Couplings & Fittings

Mechanical Tees

Valves

Gaskets & Spare Parts

Preparation Equipment

Miscellaneous

Indices



Mechanical Tees – Pieces Per Carton/Pallet								
Nominal Size	#730 Mechanical Tee Grooved				#730 Mechanical Tee Threaded			
	Primary Warehouse		Secondary Warehouse		Primary Warehouse		Secondary Warehouse	
	Pieces / Carton	Pieces / Pallet	Pieces / Carton	Pieces / Pallet	Pieces / Carton	Pieces / Pallet	Pieces / Carton	Pieces / Pallet
6" x 3"	2	54	7	42	2	54	6	36
6" x 4"	2	54	6	36	–	–	6	36
8" x 2"	–	50	–	–	–	50	–	–
8" x 2 1/2"	–	50	4	24	–	50	4	24
8" x 76.1mm	–	50	–	–	–	–	–	–
8" x 3"	–	50	4	24	–	50	4	24
8" x 4"	–	50	4	24	–	–	4	24

CV1 – Pieces Per Carton/Pallet		
Nominal Size	#CV1F GFIRE Grooved Check Valve	
	Primary Warehouse	
	Pieces / Carton	Pieces / Pallet
2"	–	45
2 1/2"	–	30
3"	–	30
4"	–	20
5"	–	18
6"	–	12
8"	–	8
10"	–	4

See technical data sheets for specific approvals, listings, and design parameters.
 POA = Price on availability. Prices subject to change without notice.

Refer to back cover for country-specific customer care numbers.
www.grinnell.com

Replacement Gaskets – Pieces Per Carton/Pallet

Nominal Size	CStyle Gaskets		TriSeal Gaskets	
	Primary Warehouse		Primary Warehouse	
	Pieces / Carton	Pieces / Pallet	Pieces / Carton	Pieces / Pallet
1"	858	5148	858	5148
1 1/4"	567	3402	567	3402
1 1/2"	464	2784	464	2784
2"	329	1974	329	1974
2 1/2"	252	1512	252	1512
76.1mm	228	1368	228	1368
3"	171	1026	171	1026
4"	99	594	99	594
139.7mm	63	378	63	378
165.1mm	60	360	60	360
6"	60	360	60	360
8"	28	168	28	168
10"	20	120	20	120
12"	14	84	14	84
14"	12	72		
16"	10	60		
18"	10	60		
20"	12	72		

Replacement Gaskets – Pieces Per Carton/Pallet

Nominal Size	#522 GFIRE Sprinkler Outlet	
	Primary Warehouse	
	Pieces / Carton	Pieces / Pallet
1" x 1/2"	48	1728
1" x 3/4"	36	1296
1" x 1"	36	1296
1 1/4 x 1/2"	32	1152
1 1/4 x 3/4"	28	1008
1 1/4 x 1"	24	864
1 1/2" x 1/2"	32	1152
1 1/2" x 3/4"	24	864
1 1/2" x 1"	24	864
2" x 1/2"	24	864
2" x 3/4"	20	720
2" x 1"	20	720
76.1mm x 1/2"	20	720
76.1mm x 3/4"	16	576
76.1mm x 1"	16	576

Introduction

Couplings & Fittings

Mechanical Tees

Valves

Gaskets & Spare Parts

Preparation Equipment

Miscellaneous

Indices



Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
034EPDMAPL	47	212076G	15	221273114G	24	250141089M	25	260M20051	32
034EPDME	47	212076M	15	221273114M	24	250141114G	25	260M20052	32
034EPDME3	47	212089G	15	221273165G	24	250141114M	25	260M20101	32
042EPDMAPL	47	212089M	15	221273165M	24	250165089G	25	260M20102	32
042EPDME	47	212114G	15	221273168G	24	250165089M	25	260M25051	32
042EPDME3	47	212114M	15	221273168M	24	250165114G	25	260M25052	32
048EPDMAPL	47	212139G	15	221273219G	24	250165114M	25	260M25101	32
048EPDME	47	212139M	15	221273219M	24	250165139G	25	260M25102	32
048EPDME3	47	212141G	15	227042G	31	250165139M	25	260M26051	32
060EPDMAPL	47	212141M	15	227042M	31	250168034G	25	260M26052	32
060EPDME	47	212165G	15	227048G	31	250168034M	25	260M26101	32
060EPDME3	47	212165M	15	227048M	31	250168048G	25	260M26102	32
073EPDMAPL	47	212168G	15	227060G	31	250168048M	25	260M30051	32
073EPDME	47	212168M	15	227060M	31	250168060G	25	260M30052	32
073EPDME3	47	212219G	15	227073G	31	250168060M	25	260M30101	32
076EPDMAPL	47	212219M	15	227073M	31	250168073G	25	260M30102	32
076EPDME	47	219EPDMAPL	47	227076G	31	250168073M	25	260M42051	32
076EPDME3	47	219EPDME	47	227076M	31	250168076G	25	260M42052	32
089EPDMAPL	47	219EPDME3	47	227089G	31	250168076M	25	260M42101	32
089EPDME	47	221060048G	23	227089M	31	250168089G	25	260M42102	32
089EPDME3	47	221060048M	23	227114G	31	250168089M	25	260M52051	32
114EPDMAPL	47	221073060G	23	227114M	31	250168114G	25	260M52052	32
114EPDME	47	221073060M	23	227139G	31	250168114M	25	260M52101	32
114EPDME3	47	221076060G	23	227139M	31	250168139G	25	260M52102	32
139EPDMAPL	47	221076060M	23	227141G	31	250168139M	25	260M53051	32
139EPDME	47	221089034G	23	227141M	31	250168141G	25	260M53052	32
139EPDME3	47	221089034M	23	227165G	31	250168141M	25	260M53101	32
141EPDMAPL	47	221089048G	23	227165M	31	250219089G	26	260M53102	32
141EPDME	47	221089048M	23	227168G	31	250219089M	26	260M62051	32
141EPDME3	47	221089060G	23	227168M	31	250219114G	26	260M62052	32
165EPDMAPL	47	221089060M	23	227219G	31	250219114M	26	260M62101	32
165EPDME	47	221089073G	23	227219M	31	250219139G	26	260M62102	32
165EPDME3	47	221089073M	23	227273G	31	250219139M	26	260M63051	32
168EPDMAPL	47	221089076G	23	227273M	31	250219141G	26	260M63052	32
168EPDME	47	221089076M	23	227324G	31	250219141M	26	260M63101	32
168EPDME3	47	221114060G	23	227324M	31	250219165G	26	260M63102	32
1EPDM730	49	221114060M	23	250042034G	25	250219165M	26	260M80051	32
1EPDM730	49	221114073G	23	250042034M	25	250219168G	26	260M80052	32
1EPDM730	49	221114073M	23	250048034G	25	250219168M	26	260M80101	32
1EPDM730	49	221114076G	23	250048034M	25	250273165G	26	260M80102	32
1EPDM730	49	221114076M	23	250048042G	25	250273165M	26	273EPDMAPL	47
1EPDM730	49	221114089G	23	250048042M	25	250273168G	26	273EPDME	47
1EPDM730	49	221114089M	23	250060034G	25	250273168M	26	273EPDME3	47
1EPDM730	49	221139089G	23	250060034M	25	250273219G	26	2EPDM730	49
1EPDM730	49	221139089M	23	250060042G	25	250273219M	26	2EPDM730	49
1EPDM730	49	221139114G	23	250060042M	25	250324114G	26	2EPDM730	49
1EPDM730	49	221139114M	23	250060048G	25	250324114M	26	2EPDM730	49
1EPDM730	49	221141073G	23	250060048M	25	250324168G	26	311034G	16
1EPDM730	49	221141073M	23	250073042G	25	250324168M	26	311034M	16
211042G	16	221141076G	23	250073042M	25	250324219G	26	311273G	16
211042M	16	221141076M	23	250073048G	25	250324219M	26	311273M	16
211048G	16	221141089G	23	250073048M	25	250324273G	26	311324G	16
211048M	16	221141089M	23	250073060G	25	250324273M	26	311324M	16
211060G	16	221141114G	23	250073060M	25	260042G	31	312034G	15
211060M	16	221141114M	23	250076042G	25	260048G	31	312034M	15
211073G	16	221165060G	23	250076042M	25	260060G	31	312273G	15
211073M	16	221165060M	23	250076048G	25	260073G	31	312273M	15
211076G	16	221165073G	23	250076048M	25	260076G	31	312324G	15
211076M	16	221165073M	23	250076060G	25	260089G	31	312324M	15
211089G	16	221165076G	23	250076060M	25	260114G	31	320N034G	18
211089M	16	221165076M	23	250089048G	25	260139G	31	320N034M	18
211114G	16	221165089G	23	250089048M	25	260141G	31	320N042G	18
211114M	16	221165089M	23	250089060G	25	260165G	31	320N042M	18
211139G	16	221165114G	23	250089060M	25	260168G	31	320N048G	18
211139M	16	221165114M	23	250089073G	25	260219G	31	320N048M	18
211141G	16	221168060G	24	250089073M	25	260273G	31	320N060G	18
211141M	16	221168060M	24	250089076G	25	260324G	31	320N060M	18
211165G	16	221168073G	24	250089076M	25	260M000421	31	320N073G	18
211165M	16	221168073M	24	250114060G	25	260M000481	31	320N073M	18
211168G	16	221168076G	24	250114060M	25	260M000601	31	320N076G	18
211168M	16	221168076M	24	250114073G	25	260M000731	31	320N076M	18
211219G	16	221168089G	24	250114073M	25	260M000761	31	320N089G	18
211219M	16	221168089M	24	250114076G	25	260M000891	31	320N089M	18
212042G	15	221168114G	24	250114076M	25	260M001141	31	320N114G	18
212042M	15	221168114M	24	250114089G	25	260M001391	31	320N114M	18
212048G	15	221219114G	24	250114089M	25	260M001411	31	320N139G	18
212048M	15	221219114M	24	250139089G	25	260M001651	31	320N139M	18
212060G	15	221219165G	24	250139089M	25	260M001681	31	320N141G	18
212060M	15	221219165M	24	250139114G	25	260M002191	31	320N141M	18
212073G	15	221219168G	24	250139114M	25	260M002731	31	320N165G	18
212073M	15	221219168M	24	250141089G	25	260M003241	31	320N165M	18

See technical data sheets for specific approvals, listings, and design parameters.
POA = Price on availability. Prices subject to change without notice.

Refer to back cover for country-specific customer care numbers.



G-FIRE Grooved Fire Protection Products

Section 8 – Indices

India Price Book
 Priced in INR
 Effective Date: Jan. 2, 2012

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
323T273141G	20	343273G	33	372N076034M	28	372T076034G	27	391N141150M	29
323T273141M	20	343273M	33	372N076042G	28	372T076034M	27	391N168150G	29
323T273165G	20	343324G	33	372N076042M	28	372T076042G	27	391N168150M	29
323T273165M	20	343324M	33	372N076048G	28	372T076042M	27	391N219150G	29
323T273168G	20	343AS034G	34	372N076048M	28	372T076048G	27	391N219150M	29
323T273168M	20	343AS034M	34	372N076060G	28	372T076048M	27	391N273200G	29
323T273219G	20	343AS042G	34	372N076060M	28	372T076060G	27	391N273200M	29
323T273219M	20	343AS042M	34	372N089027G	28	372T076060M	27	391N324200G	29
323T324089G	20	343AS048G	34	372N089027M	28	372T089027G	27	391N324200M	29
323T324089M	20	343AS048M	34	372N089034G	28	372T089027M	27	391T034100G	29
323T324114G	20	343AS060G	34	372N089034M	28	372T089034G	27	391T034100M	29
323T324114M	20	343AS060M	34	372N089048G	28	372T089034M	27	391T042100G	29
323T324141G	20	343AS073G	34	372N089048M	28	372T089048G	27	391T042100M	29
323T324141M	20	343AS073M	34	372N089060G	28	372T089048M	27	391T048100G	29
323T324165G	20	343AS089G	34	372N089060M	28	372T089060G	27	391T048100M	29
323T324165M	20	343AS089M	34	372N089073G	28	372T089060M	27	391T060100G	29
323T324168G	20	343AS114G	34	372N089073M	28	372T089073G	27	391T060100M	29
323T324168M	20	343AS114M	34	372N089076G	28	372T089073M	27	391T060150G	29
323T324219G	20	343AS141G	34	372N089076M	28	372T089076G	27	391T060150M	29
323T324219M	20	343AS141M	34	372N114034G	28	372T089076M	27	391T073100G	29
323T324273G	20	343AS168G	34	372N114034M	28	372T114034G	27	391T073100M	29
323T324273M	20	343AS168M	34	372N114048G	28	372T114034M	27	391T089100G	29
324EPDMAPL	47	343AS219G	34	372N114048M	28	372T114048G	27	391T089100M	29
324EPDME	47	343AS219M	34	372N114060G	28	372T114048M	27	391T089150G	29
324EPDME3	47	343AS273G	34	372N114060M	28	372T114060G	27	391T089150M	29
327034G	31	343AS273M	34	372N114073G	28	372T114060M	27	391T114150G	29
327034M	31	343AS324G	34	372N114073M	28	372T114073G	27	391T114150M	29
341034G	33	343AS324M	34	372N114076G	28	372T114073M	27	391T141150G	29
341034M	33	350042027G	25	372N114076M	28	372T114076G	27	391T141150M	29
341042G	33	350042027M	25	372N114089G	28	372T114076M	27	391T168150G	29
341042M	33	350048027G	25	372N114089M	28	372T114089G	27	391T168150M	29
341048G	33	350048027M	25	372N141114G	28	372T114089M	27	391T219150G	29
341048M	33	350060027G	25	372N141114M	28	372T141114G	27	391T219150M	29
341060G	33	350060027M	25	372N165034G	28	372T141114M	27	391T273200G	29
341060M	33	350073027G	25	372N165034M	28	372T165034G	27	391T273200M	29
341073G	33	350073027M	25	372N165060G	28	372T165034M	27	391T324200G	29
341073M	33	350073034G	25	372N165060M	28	372T165060G	27	391T324200M	29
341076G	33	350073034M	25	372N165073G	28	372T165060M	27	392034100G	30
341076M	33	350089027G	25	372N165073M	28	372T165073G	27	392034100M	30
341089G	33	350089027M	25	372N165076G	28	372T165073M	27	392042100G	30
341089M	33	350089034G	25	372N165076M	28	372T165076G	27	392042100M	30
341114G	33	350089034M	25	372N165089G	28	372T165076M	27	392048100G	30
341114M	33	350089042G	25	372N165089M	28	372T165089G	27	392048100M	30
341141G	33	350089042M	25	372N165114G	28	372T165089M	27	392060100G	30
341141M	33	350114034G	25	372N165114M	28	372T165114G	27	392060100M	30
341165G	33	350114034M	25	372N165141G	28	372T165114M	27	392073100G	30
341165M	33	350114042G	25	372N165141M	28	372T165141G	27	392073100M	30
341168G	33	350114042M	25	372N168034G	28	372T165141M	27	392089100G	30
341168M	33	350114048G	25	372N168034M	28	372T168034G	27	392089100M	30
341219G	33	350114048M	25	372N168060G	28	372T168034M	27	392114150G	30
341219M	33	350141060G	25	372N168060M	28	372T168060G	27	392114150M	30
341273G	33	350141060M	25	372N168073G	28	372T168060M	27	392141150G	30
341273M	33	350141073G	25	372N168073M	28	372T168073G	27	392141150M	30
341324G	33	350141073M	25	372N168076G	28	372T168073M	27	392168150G	30
341324M	33	350273114G	26	372N168076M	28	372T168076G	27	392168150M	30
343034G	33	350273114M	26	372N168089G	28	372T168076M	27	392219150G	30
343034M	33	350273141G	26	372N168089M	28	372T168089G	27	392219150M	30
343042G	33	350273141M	26	372N168114G	28	372T168089M	27	392273200G	30
343042M	33	360034G	31	372N168114M	28	372T168114G	27	392273200M	30
343048G	33	360M000341	31	372N168141G	28	372T168114M	27	392324200G	30
343048M	33	372N048034G	28	372N168141M	28	372T168141G	27	392324200M	30
343060G	33	372N048034M	28	372T048034G	27	372T168141M	27	393034100G	30
343060M	33	372N048042G	28	372T048034M	27	391N034100G	29	393034100M	30
343073G	33	372N048042M	28	372T048042G	27	391N034100M	29	393042100G	30
343073M	33	372N060027G	28	372T048042M	27	391N042100G	29	393042100M	30
343076G	33	372N060027M	28	372T060027G	27	391N042100M	29	393048100G	30
343076M	33	372N060034G	28	372T060027M	27	391N048100G	29	393048100M	30
343089G	33	372N060034M	28	372T060034G	27	391N048100M	29	393060100G	30
343089M	33	372N060042G	28	372T060034M	27	391N060100G	29	393060100M	30
343114G	33	372N060042M	28	372T060042G	27	391N060100M	29	393073100G	30
343114M	33	372N060048G	28	372T060042M	27	391N060150G	29	393073100M	30
343139G	33	372N060048M	28	372T060048G	27	391N060150M	29	393089100G	30
343139M	33	372N073034G	28	372T060048M	27	391N073100G	29	393089100M	30
343141G	33	372N073034M	28	372T073034G	27	391N073100M	29	393114150G	30
343141M	33	372N073042G	28	372T073034M	27	391N089100G	29	393114150M	30
343165G	33	372N073042M	28	372T073042G	27	391N089100M	29	393141150G	30
343165M	33	372N073048G	28	372T073042M	27	391N089150G	29	393141150M	30
343168G	33	372N073048M	28	372T073048G	27	391N089150M	29	393168150G	30
343168M	33	372N073060G	28	372T073048M	27	391N114150G	29	393168150M	30
343219G	33	372N073060M	28	372T073060G	27	391N114150M	29	393219150G	30
343219M	33	372N076034G	28	372T073060M	27	391N141150G	29	393219150M	30

See technical data sheets for specific approvals, listings, and design parameters.
 POA = Price on availability. Prices subject to change without notice.

Refer to back cover for country-specific customer care numbers.

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
393273200G	30	41504A	54	510A003241	14	519SA01682	17	577AT00422	6
393273200M	30	41505A	54	510A003242	14	519SA02191	17	577AT00481	6
393324200G	30	41509A	54	510DE0601	16	519SA02192	17	577AT00482	6
393324200M	30	41510A	54	510DE0602	16	5221005EGP	35	577AT00601	6
3EPDM730	49	41510A	54	510DE0731	16	5221005EPA	35	577AT00602	6
3EPDM730	49	41510A	54	510DE0732	16	52210075EGP	35	577AT00731	6
3EPDM730	49	41511A	54	510DE0891	16	52210075EPA	35	577AT00732	6
3EPDM730	49	41512A	53	510DE0892	16	5221010EGP	35	577AT00761	6
3EPDM730	49	41513A	54	510DE1141	16	5221010EPA	35	577AT00762	6
3EPDM730	49	4EPDM730	49	510DE1142	16	5221305EGP	35	577AT00891	6
3EPDM730	49	4EPDM730	49	510DE1681	16	5221305EPA	35	577AT00892	6
3EPDM730	49	4EPDM730	49	510DE1682	16	52213075EGP	35	577AT01141	6
3EPDM730	49	4EPDM730	49	510DE2191	16	52213075EPA	35	577AT01142	6
3EPDM730	49	4EPDM730	49	510DE2192	16	5221310EGP	35	577AT01391	6
3EPDM730	49	4EPDM730	49	510SA00601	14	5221310EPA	35	577AT01392	6
3EPDM730	49	501M000341	15	510SA00602	14	5221505EGP	35	577AT01411	6
41013A	53	501M000342	15	510SA00731	14	5221505EPA	35	577AT01412	6
41014A	53	501M000421	15	510SA00732	14	52215075EGP	35	577AT01651	6
41015A	53	501M000422	15	510SA00761	14	52215075EPA	35	577AT01652	6
41017A	53	501M000481	15	510SA00762	14	5221510EGP	35	577AT01681	6
41018A	53	501M000482	15	510SA00891	14	5221510EPA	35	577AT01682	6
41027A	53	501M000601	15	510SA00892	14	5222005EGP	35	577AT02191	6
41029A	53	501M000602	15	510SA01141	14	5222005EPA	35	577AT02192	6
41032A	53	501M000731	15	510SA01142	14	52220075EGP	35	577AT02731	6
41033A	53	501M000732	15	510SA01391	14	52220075EPA	35	577AT02732	6
41034A	53	501M000761	15	510SA01392	14	5222010EGP	35	577AT03241	6
41035A	53	501M000762	15	510SA01411	14	5222010EPA	35	577AT03242	6
41037A	53	501M000891	15	510SA01412	14	5222505EGP	35	577MA00341	6
41038A	53	501M000892	15	510SA01651	14	5222505EPA	35	577MA00342	6
41039A	53	501M001141	15	510SA01652	14	52225075EGP	35	577MA00421	6
41040A	53	501M001142	15	510SA01681	14	52225075EPA	35	577MA00422	6
41041A	53	501M001391	15	510SA01682	14	5222510EGP	35	577MA00481	6
41047A	53	501M001392	15	510SA02191	14	5222510EPA	35	577MA00482	6
41048A	53	501M001411	15	510SA02192	14	522EPDMA001	50	577MA00601	6
41049A	53	501M001412	15	519A000341	17	522EPDMA001	50	577MA00602	6
41210A	53	501M001651	15	519A000342	17	522EPDMA001	50	577MA00731	6
41250A	53	501M001652	15	519A000421	17	522EPDMA001	50	577MA00732	6
41251A	53	501M001681	15	519A000422	17	522EPDMA001	50	577MA00761	6
41252A	53	501M001682	15	519A000481	17	522EPDMA001	50	577MA00762	6
41257A	53	501M002191	15	519A000482	17	522EPDMA001	50	577MA00891	6
41258A	53	501M002192	15	519A000601	17	522EPDMA001	50	577MA00892	6
41259A	53	501M002731	15	519A000602	17	522EPDMA001	50	577MA01141	6
41260A	53	501M002732	15	519A000731	17	522EPDMA001	50	577MA01142	6
41261A	53	501M003241	15	519A000732	17	522EPDMA290	50	577MA01391	6
41262A	54	501M003242	15	519A000761	17	522EPDMA290	50	577MA01392	6
41263A	54	50753801	16	519A000762	17	522EPDMA290	50	577MA01411	6
41264A	54	50753802	16	519A000891	17	522EPDMA304	50	577MA01412	6
41265A	54	50763801	16	519A000892	17	522EPDMA304	50	577MA01651	6
41266A	54	50763802	16	519A001141	17	522F10051	35	577MA01652	6
41267A	54	508422251	16	519A001142	17	522F10052	35	577MA01681	6
41269A	54	508422252	16	519A001391	17	522F10071	35	577MA01682	6
41270A	54	50863251	16	519A001392	17	522F10072	35	577MA02191	6
41271A	54	50863252	16	519A001411	17	522F10101	35	577MA02192	6
41272A	54	510A000341	14	519A001412	17	522F10102	35	577MA02731	6
41273A	54	510A000342	14	519A001651	17	522F12051	35	577MA02732	6
41274A	54	510A000421	14	519A001652	17	522F12052	35	577MA03241	6
41276A	54	510A000422	14	519A001681	17	522F12071	35	577MA03242	6
41277A	54	510A000481	14	519A001682	17	522F12072	35	59300F025N	43
41278A	54	510A000482	14	519A002191	17	522F12101	35	59300F030N	43
41279A	54	510A000601	14	519A002192	17	522F12102	35	59300F040N	43
41281A	54	510A000602	14	519A002731	17	522F15051	35	59300F050N	43
41282A	54	510A000731	14	519A002732	17	522F15052	35	59300F060N	43
41283A	54	510A000732	14	519A003241	17	522F15071	35	59300F076N	43
41284A	54	510A000761	14	519A003242	17	522F15072	35	59300F080N	43
41285A	54	510A000762	14	519SA00601	17	522F15101	35	59300F100N	43
41286A	54	510A000891	14	519SA00602	17	522F15102	35	59300F165N	43
41288A	54	510A000892	14	519SA00731	17	522F20051	35	595900020	42
41289A	54	510A001141	14	519SA00732	17	522F20052	35	595900025	42
41290A	54	510A001142	14	519SA00761	17	522F20071	35	595900030	42
41291A	54	510A001391	14	519SA00762	17	522F20072	35	595900040	42
41292A	54	510A001392	14	519SA00891	17	522F20101	35	595900050	42
41293A	54	510A001411	14	519SA00892	17	522F20102	35	595900060	42
41294A	54	510A001412	14	519SA01141	17	522F26051	35	595900076	42
41296A	54	510A001651	14	519SA01142	17	522F26052	35	595900080	42
41297A	54	510A001652	14	519SA01391	17	522F26071	35	595900100	42
41298A	54	510A001681	14	519SA01392	17	522F26072	35	595900139	42
41299A	54	510A001682	14	519SA01411	17	522F26101	35	595900165	42
41500A	54	510A002191	14	519SA01412	17	522F26102	35	595901020	42
41501A	54	510A002192	14	519SA01651	17	577AT00341	6	595901025	42
41502A	54	510A002731	14	519SA01652	17	577AT00342	6	595901030	42
41503A	54	510A002732	14	519SA01681	17	577AT00421	6	595901040	42

Introduction

Couplings & Fittings

Mechanical Tees

Valves

Gaskets & Spare Parts

Preparation Equipment

Miscellaneous

Indices

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
595901050	42	702N073048MES	11	705MA01392	7	707219ME	8	71AME00891	13
595901060	42	702N089027FES	11	705MA01411	7	707273G3E	8	71AME01141	13
595901076	42	702N089034FES	11	705MA01412	7	707273GE	8	71AME01411	13
595901080	42	702N089034MES	11	705MA01651	7	707273M3E	8	71AME01681	13
595901100	42	702N089042FES	11	705MA01652	7	707273ME	8	71AME02191	13
595901139	42	702N089048FES	11	705MA01681	7	707324G3E	8	71AME02731	13
595901165	42	702N089048MES	11	705MA01682	7	707324GE	8	71AME03241	13
595911020	42	702N114027FES	11	705MA02161	7	707324M3E	8	71AN060GE	13
595911030	42	702N114034FES	11	705MA02162	7	707324ME	8	71AN073GE	13
595911080	42	702N114048FES	11	705MA02191	7	71060EPDME	47	71AN089GE	13
598011020N	43	702N114048MES	11	705MA02192	7	71060FWC	48	71AN114GE	13
598011025N	43	702N114060FES	11	705MA02731	7	71073EPDME	47	71AN141GE	13
598011030N	43	702N114060MES	11	705MA02732	7	71073FWC	48	71AN168GE	13
598011040N	43	702N168034FES	11	705MA03241	7	71076EPDME	47	71AN219GE	13
598011050N	43	702N168048FES	11	705MA03242	7	71076FWC	48	71AN273GE	13
598011060N	43	702N168048MES	11	705MT00341	7	71089EPDME	47	71AN324GE	13
598011080N	43	702N168060FES	11	705MT00421	7	71089FWC	48	71BME00891	13
598011100N	43	702N168060MES	11	705MT00481	7	71114EPDME	47	71BME01141	13
598011120N	43	702T048021FES	10	705MT00601	7	71114FWC	48	71BME01391	13
598021020N	43	702T048027FES	10	705MT00731	7	71139EPDME	47	71BME01651	13
598021025N	43	702T048034FES	10	705MT00761	7	71141EPDME	47	71BME02191	13
598021030N	43	702T060021FES	10	705MT00891	7	71141FWC	48	71D10219G	12
598021040N	43	702T060027FES	10	705MT01141	7	71165EPDME	47	71D108273G	12
598021050N	43	702T060034FES	10	705MT01391	7	71165FWC	48	71D108324G	12
598021060N	43	702T060034MES	10	705MT01411	7	71168EPDME	47	71D16060GE	13
598021080N	43	702T073021FES	10	705MT01651	7	71168FWC	48	71D16076GE	13
598021100N	43	702T073027FES	10	705MT01681	7	71219EPDME	47	71D16089GE	13
598021120N	43	702T073034FES	10	705MT02161	7	71219FWC	48	71D16114GE	13
5EPDM730	49	702T073042FES	10	705MT02191	7	71273EPDME	47	71D16139GE	13
5EPDM730	49	702T073042MES	10	705MT02731	7	71273FWC	48	71D16165GE	13
6EPDM730	49	702T073048FES	10	705MT03241	7	71324EPDME	47	71D16219GE	13
6EPDM730	49	702T073048MES	10	707034G3E	8	71324FWC	48	71D16273GE	13
6EPDM730	49	702T089027FES	10	707034GE	8	716060048EPDME	47	71D16324GE	13
702048021EPDME	48	702T089034FES	10	707034M3E	8	716060048GE	9	71DME00601	13
702048027EPDME	48	702T089034MES	10	707034ME	8	716060048ME	9	71DME00761	13
702048034EPDME	48	702T089042FES	10	707042G3E	8	716073060EPDME	47	71DME00891	13
702060021EPDME	48	702T089048FES	10	707042GE	8	716073060GE	9	71DME01141	13
702060027EPDME	48	702T089048MES	10	707042M3E	8	716073060ME	9	71DME01391	13
702060034EPDME	48	702T114027FES	10	707042ME	8	716076060EPDME	47	71DME01651	13
702060034GES	12	702T114034FES	10	707048G3E	8	716076060GE	9	71DME02191	13
702073021EPDME	48	702T114048FES	10	707048GE	8	716076060ME	9	71DME02731	13
702073027EPDME	48	702T114048MES	10	707048M3E	8	716089060EPDME	47	71DME03241	13
702073034EPDME	48	702T114060FES	10	707048ME	8	716089060GE	9	71DME82191	12
702073042EPDME	48	702T114060MES	10	707060G3E	8	716089060ME	9	71DME82731	12
702073042GES	12	702T168034FES	10	707060GE	8	716089073EPDME	47	71DME83241	12
702073048EPDME	48	702T168048FES	10	707060M3E	8	716089073GE	9	71E10089GE	13
702073048GES	12	702T168048MES	10	707060ME	8	716089073ME	9	71E10114GE	13
702089027EPDME	48	702T168060FES	10	707073G3E	8	716089076EPDME	47	71E10139GE	13
702089034EPDME	48	702T168060MES	10	707073GE	8	716089076GE	9	71E10165GE	13
702089034GES	12	705034G3E	7	707073M3E	8	716089076ME	9	71E10219GE	13
702089042EPDME	48	705042G3E	7	707073ME	8	716114060EPDME	47	730N060021GE	37
702089048EPDME	48	705048G3E	7	707076G3E	8	716114060GE	9	730N060021ME	37
702089048GES	12	705060G3E	7	707076GE	8	716114060ME	9	730N060027GE	37
702114027EPDME	48	705073G3E	7	707076M3E	8	716114073EPDME	47	730N060027ME	37
702114027GES	12	705076G3E	7	707076ME	8	716114073GE	9	730N060034GE	37
702114034EPDME	48	705089G3E	7	707089G3E	8	716114073ME	9	730N060034ME	37
702114034GES	12	705114G3E	7	707089GE	8	716114076EPDME	47	730N060042GE	37
702114042EPDME	48	705139G3E	7	707089M3E	8	716114076GE	9	730N060042ME	37
702114048EPDME	48	705141G3E	7	707089ME	8	716114076ME	9	730N060048GE	37
702114048GES	12	705165G3E	7	707114G3E	8	716114089EPDME	47	730N060048ME	37
702114060EPDME	48	705168G3E	7	707114GE	8	716114089GE	9	730N073021GE	37
702114060GES	12	705216G3E	7	707114M3E	8	716114089ME	9	730N073021ME	37
702168034EPDME	48	705219G3E	7	707114ME	8	716139114EPDME	47	730N073027GE	37
702168034GES	12	705273G3E	7	707139G3E	8	716139114GE	9	730N073027ME	37
702168042EPDME	48	705324G3E	7	707139GE	8	716139114ME	9	730N073034GE	37
702168042GES	12	705MA00341	7	707139M3E	8	716141114EPDME	47	730N073034ME	37
702168048EPDME	48	705MA00342	7	707139ME	8	716141114GE	9	730N073042GE	37
702168048GES	12	705MA00421	7	707141G3E	8	716141114ME	9	730N073042ME	37
702168060EPDME	48	705MA00422	7	707141GE	8	716165114EPDME	47	730N073048GE	37
702168060GES	12	705MA00481	7	707141M3E	8	716165114GE	9	730N073048ME	37
702N048021FES	11	705MA00482	7	707141ME	8	716165114ME	9	730N073060GE	37
702N048027FES	11	705MA00601	7	707165G3E	8	716168114EPDME	47	730N073060ME	37
702N060021FES	11	705MA00602	7	707165GE	8	716168114GE	9	730N076021GE	37
702N060027FES	11	705MA00731	7	707165M3E	8	716168114ME	9	730N076021ME	37
702N060034FES	11	705MA00732	7	707168G3E	8	716168141EPDME	47	730N076027GE	37
702N060034MES	11	705MA00761	7	707168GE	8	716168141GE	9	730N076027ME	37
702N073021FES	11	705MA00762	7	707168ME	8	716219168EPDME	47	730N076034ME	37
702N073027FES	11	705MA00892	7	707219G3E	8	716219168GE	9	730N076042GE	37
702N073034FES	11	705MA01141	7	707219GE	8	716219168ME	9	730N076042ME	37
702N073042FES	11	705MA01142	7	707219M3E	8	71AME00601	13	730N076048GE	37
702N073042MES	11	705MA01391	7			71AME00731	13	730N076048ME	37

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
730N076060GE	37	730R060048GE	38	730R219076GE	38	730T165048GE	36	730XN114042GE	40
730N076060ME	37	730R060048ME	38	730R219076ME	38	730T165048ME	36	730XN114042ME	40
730N089021GE	37	730R073034GE	38	730R219089GE	38	730T165060GE	36	730XN114048GE	40
730N089021ME	37	730R073034ME	38	730R219089ME	38	730T165060ME	36	730XN114048ME	40
730N089027GE	37	730R073042GE	38	730R219114GE	38	730T165073GE	36	730XN114060GE	40
730N089027ME	37	730R073042ME	38	730R219114ME	38	730T165073ME	36	730XN114060ME	40
730N089034GE	37	730R073048GE	38	730T060021GE	36	730T165076GE	36	730XN114073GE	40
730N089034ME	37	730R073048ME	38	730T060021ME	36	730T165076ME	36	730XN114073ME	40
730N089042GE	37	730R073060GE	38	730T060027GE	36	730T165089GE	36	730XN114076GE	40
730N089042ME	37	730R073060ME	38	730T060027ME	36	730T165089ME	36	730XN114076ME	40
730N089048GE	37	730R076034GE	38	730T060034GE	36	730T168042GE	36	730XN114089GE	40
730N089048ME	37	730R076034ME	38	730T060034ME	36	730T168042ME	36	730XN114089ME	40
730N089060GE	37	730R076042GE	38	730T060042GE	36	730T168048GE	36	730XN141048GE	40
730N089060ME	37	730R076042ME	38	730T060042ME	36	730T168048ME	36	730XN141048ME	40
730N114021GE	37	730R076048GE	38	730T060048GE	36	730T168060GE	36	730XN141060GE	40
730N114021ME	37	730R076048ME	38	730T060048ME	36	730T168060ME	36	730XN141060ME	40
730N114027GE	37	730R076060GE	38	730T073021GE	36	730T168073GE	36	730XN141073GE	40
730N114027ME	37	730R076060ME	38	730T073021ME	36	730T168073ME	36	730XN141073ME	40
730N114034GE	37	730R089034GE	38	730T073027GE	36	730T168076GE	36	730XN141076GE	40
730N114034ME	37	730R089034ME	38	730T073027ME	36	730T168076ME	36	730XN141076ME	40
730N114042GE	37	730R089042GE	38	730T073034GE	36	730T168089GE	36	730XN141089GE	40
730N114042ME	37	730R089042ME	38	730T073034ME	36	730T168089ME	36	730XN141089ME	40
730N114048GE	37	730R089048GE	38	730T073042GE	36	730T168114GE	36	730XN165042GE	40
730N114048ME	37	730R089048ME	38	730T073042ME	36	730T168114ME	36	730XN165042ME	40
730N114060GE	37	730R089060GE	38	730T073048GE	36	730T219060GE	36	730XN165048GE	40
730N114060ME	37	730R089060ME	38	730T073048ME	36	730T219060ME	36	730XN165048ME	40
730N114073GE	37	730R114034GE	38	730T073060GE	36	730T219073GE	36	730XN165060GE	40
730N114073ME	37	730R114034ME	38	730T073060ME	36	730T219073ME	36	730XN165060ME	40
730N114076GE	37	730R114042GE	38	730T076021GE	36	730T219076GE	36	730XN165073GE	40
730N114076ME	37	730R114042ME	38	730T076021ME	36	730T219076ME	36	730XN165073ME	40
730N114089GE	37	730R114048GE	38	730T076027GE	36	730T219089GE	36	730XN165076GE	40
730N114089ME	37	730R114048ME	38	730T076027ME	36	730T219089ME	36	730XN165076ME	40
730N141048GE	37	730R114060GE	38	730T076034GE	36	730T219114GE	36	730XN165089GE	40
730N141048ME	37	730R114060ME	38	730T076034ME	36	730T219114ME	36	730XN165089ME	40
730N141060GE	37	730R114073GE	38	730T076042GE	36	730XN060021GE	40	730XN165114GE	40
730N141060ME	37	730R114073ME	38	730T076042ME	36	730XN060021ME	40	730XN165114ME	40
730N141073GE	37	730R114076GE	38	730T076048GE	36	730XN060027GE	40	730XN168042GE	40
730N141073ME	37	730R114076ME	38	730T076048ME	36	730XN060027ME	40	730XN168042ME	40
730N141076GE	37	730R114089GE	38	730T076060GE	36	730XN060034GE	40	730XN168048GE	40
730N141076ME	37	730R114089ME	38	730T076060ME	36	730XN060034ME	40	730XN168048ME	40
730N141089GE	37	730R141048GE	38	730T089021GE	36	730XN060042GE	40	730XN168060GE	40
730N141089ME	37	730R141048ME	38	730T089021ME	36	730XN060042ME	40	730XN168060ME	40
730N165042GE	37	730R141060GE	38	730T089027GE	36	730XN060048GE	40	730XN168073GE	40
730N165042ME	37	730R141060ME	38	730T089027ME	36	730XN060048ME	40	730XN168073ME	40
730N165048GE	37	730R141073GE	38	730T089034GE	36	730XN073021GE	40	730XN168076GE	40
730N165048ME	37	730R141073ME	38	730T089034ME	36	730XN073021ME	40	730XN168076ME	40
730N165060GE	37	730R141076GE	38	730T089042GE	36	730XN073027GE	40	730XN168089GE	40
730N165060ME	37	730R141076ME	38	730T089042ME	36	730XN073027ME	40	730XN168089ME	40
730N165073GE	37	730R141089GE	38	730T089048GE	36	730XN073034GE	40	730XN168114GE	40
730N165073ME	37	730R141089ME	38	730T089048ME	36	730XN073034ME	40	730XN168114ME	40
730N165076GE	37	730R165042GE	38	730T089060GE	36	730XN073042GE	40	730XN219060GE	40
730N165076ME	37	730R165042ME	38	730T089060ME	36	730XN073042ME	40	730XN219060ME	40
730N165089GE	37	730R165048GE	38	730T114021GE	36	730XN073048GE	40	730XN219073GE	40
730N165089ME	37	730R165048ME	38	730T114021ME	36	730XN073048ME	40	730XN219073ME	40
730N168042GE	37	730R165060GE	38	730T114027GE	36	730XN076021GE	40	730XN219076GE	40
730N168042ME	37	730R165060ME	38	730T114027ME	36	730XN076021ME	40	730XN219076ME	40
730N168048GE	37	730R165073GE	38	730T114034GE	36	730XN076027GE	40	730XN219089GE	40
730N168048ME	37	730R165073ME	38	730T114034ME	36	730XN076027ME	40	730XN219089ME	40
730N168060GE	37	730R165076GE	38	730T114042GE	36	730XN076034GE	40	730XN219114GE	40
730N168060ME	37	730R165076ME	38	730T114042ME	36	730XN076034ME	40	730XN219114ME	40
730N168073GE	37	730R165089GE	38	730T114048GE	36	730XN076042GE	40	730XR060034GE	41
730N168073ME	37	730R165089ME	38	730T114048ME	36	730XN076042ME	40	730XR060042GE	41
730N168076GE	37	730R165114GE	38	730T114060GE	36	730XN076048GE	40	730XR060042ME	41
730N168076ME	37	730R165114ME	38	730T114060ME	36	730XN076048ME	40	730XR060048GE	41
730N168089GE	37	730R168042GE	38	730T114073GE	36	730XN089021GE	40	730XR060048ME	41
730N168089ME	37	730R168042ME	38	730T114073ME	36	730XN089021ME	40	730XR073034GE	41
730N168114GE	37	730R168048GE	38	730T114076GE	36	730XN089027GE	40	730XR073034ME	41
730N168114ME	37	730R168048ME	38	730T114076ME	36	730XN089027ME	40	730XR073042GE	41
730N219060GE	37	730R168060GE	38	730T114089GE	36	730XN089034GE	40	730XR073042ME	41
730N219060ME	37	730R168060ME	38	730T114089ME	36	730XN089034ME	40	730XR073048GE	41
730N219073GE	37	730R168073GE	38	730T114098GE	36	730XN089042GE	40	730XR073048ME	41
730N219073ME	37	730R168073ME	38	730T141048ME	36	730XN089042ME	40	730XR076034GE	41
730N219076GE	37	730R168076GE	38	730T141060GE	36	730XN089048GE	40	730XR076034ME	41
730N219076ME	37	730R168076ME	38	730T141060ME	36	730XN089048ME	40	730XR076042GE	41
730N219089GE	37	730R168089GE	38	730T141073GE	36	730XN089060GE	40	730XR076042ME	41
730N219089ME	37	730R168089ME	38	730T141073ME	36	730XN089060ME	40	730XR076048GE	41
730N219114GE	37	730R168114GE	38	730T141076GE	36	730XN089060ME	40	730XR076048ME	41
730N219114ME	37	730R168114ME	38	730T141076ME	36	730XN114021GE	40	730XR076048ME	41
730R060034GE	38	730R219060GE	38	730T141089GE	36	730XN114021ME	40	730XR089034GE	41
730R060034ME	38	730R219060ME	38	730T141089ME	36	730XN114027ME	40	730XR089034ME	41
730R060042GE	38	730R219073GE	38	730T165042GE	36	730XN114034GE	40	730XR089042GE	41
730R060042ME	38	730R219073ME	38	730T165042ME	36	730XN114034ME	40	730XR089042ME	41

Introduction

Couplings & Fittings

Mechanical Tees

Valves

Gaskets & Spare Parts

Preparation Equipment

Miscellaneous

Indices



Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
730XR089048GE	41	730XT073034ME	39	730XT168114GE	39	NBM1683	50	TMRT0076T	44
730XR089048ME	41	730XT073042GE	39	730XT168114ME	39	NBM1689	50	TMRT0089T	44
730XR089060GE	41	730XT073042ME	39	730XT219060GE	39	NBM20108	50	TMRT0114T	44
730XR089060ME	41	730XT073048GE	39	730XT219060ME	39	NBM20121	50	TMRT0139T	44
730XR114034GE	41	730XT073048ME	39	730XT219073GE	39	NBM22139	50	TMRT0168T	44
730XR114034ME	41	730XT076021GE	39	730XT219073ME	39	NBM22165	50	TMRT0219T	44
730XR114042GE	41	730XT076021ME	39	730XT219076GE	39	NBM24165	50	TMRT0273T	44
730XR114042ME	41	730XT076027GE	39	730XT219076ME	39	POSTINDA	46	TMRT0324T	44
730XR114048GE	41	730XT076027ME	39	730XT219089GE	39	POSTINDB	46	TMRX00605	44
730XR114048ME	41	730XT076034GE	39	730XT219089ME	39	POSTINDC	46	TMRX00608	44
730XR114060GE	41	730XT076034ME	39	730XT219114GE	39	POSTINDD	46	TMRX00765	44
730XR114060ME	41	730XT076042GE	39	730XT219114ME	39	TMCG0060G	45	TMRX00768	44
730XR114073GE	41	730XT076042ME	39	75015051	34	TMCG0073G	45	TMRX00895	44
730XR114073ME	41	730XT076048GE	39	75015071	34	TMCG0076G	45	TMRX00898	44
730XR114076GE	41	730XT076048ME	39	75015101	34	TMCG0089G	45	TMRX00899	44
730XR114076ME	41	730XT089021GE	39	75020011	34	TMCG0114G	45	TMRX01145	44
730XR114089GE	41	730XT089021ME	39	75020051	34	TMCG0139G	45	TMRX01148	44
730XR114089ME	41	730XT089027GE	39	75020071	34	TMCG0141G	45	TMRX01149	44
730XR141048GE	41	730XT089027ME	39	75025011	34	TMCG0165G	45	TMRX01395	44
730XR141048ME	41	730XT089034GE	39	75025051	34	TMCG0168G	45	TMRX01398	44
730XR141060GE	41	730XT089034ME	39	75025071	34	TMCG0219G	45	TMRX01685	44
730XR141060ME	41	730XT089042GE	39	770060GE	9	TMCG0273G	45	TMRX01688	44
730XR141073GE	41	730XT089042ME	39	770060ME	9	TMCG0324G	45	TMRX01689	44
730XR141073ME	41	730XT089048GE	39	770073GE	9	TMCT0060T	45	TMRX02195	44
730XR141076GE	41	730XT089048ME	39	770073ME	9	TMCT0076T	45	TMRX02197	44
730XR141076ME	41	730XT089060GE	39	770076GE	9	TMCT0089T	45	TMRX02198	44
730XR141089GE	41	730XT089060ME	39	770076ME	9	TMCT0114T	45	TMRX02199	44
730XR141089ME	41	730XT114021GE	39	770089GE	9	TMCT0139T	45	TMRX02735	44
730XR165042GE	41	730XT114021ME	39	770089ME	9	TMCT0168T	45	TMRX02737	44
730XR165042ME	41	730XT114027GE	39	770114GE	9	TMCT0219T	45	TMRX02738	44
730XR165048GE	41	730XT114027ME	39	770114ME	9	TMCT0273T	45	TMRX03245	44
730XR165048ME	41	730XT114034GE	39	770139GE	9	TMCT0324T	45	TMRX03247	44
730XR165060GE	41	730XT114034ME	39	770139ME	9	TMCX00605	45	TMRX03248	44
730XR165060ME	41	730XT114042GE	39	770141GE	9	TMCX00608	45	TWGIVA1PH	52
730XR165073GE	41	730XT114042ME	39	770141ME	9	TMCX00765	45	TWGIVA1PH	52
730XR165073ME	41	730XT114048GE	39	770165GE	9	TMCX00768	45	TWKIIIA002	52
730XR165076GE	41	730XT114048ME	39	770165ME	9	TMCX00895	45	TWKIIIA003	52
730XR165076ME	41	730XT114060GE	39	770168GE	9	TMCX00898	45	TWKIIIA010	52
730XR165089GE	41	730XT114060ME	39	770168ME	9	TMCX01145	45	VIA02005L	52
730XR165089ME	41	730XT114073GE	39	770219GE	9	TMCX01148	45	VIA02005M	52
730XR165114GE	41	730XT114073ME	39	770219ME	9	TMCX01395	45	VIA02005S	52
730XR165114ME	41	730XT114076GE	39	770273GE	9	TMCX01398	45	VIA05000	52
730XR168042GE	41	730XT114076ME	39	770273ME	9	TMCX01685	45	VIA08000	52
730XR168042ME	41	730XT114089GE	39	770324GE	9	TMCX01688	45	VIA1005L	52
730XR168048GE	41	730XT114089ME	39	770324ME	9	TMCX02195	45	VIA1005M	52
730XR168048ME	41	730XT141048GE	39	7EPDM730	49	TMCX02197	45	VIA1005S	52
730XR168060GE	41	730XT141048ME	39	7EPDM730	49	TMCX02198	45	WALLIND	46
730XR168060ME	41	730XT141060GE	39	8EPDM730	49	TMCX02735	45	ZKLM024	51
730XR168073GE	41	730XT141060ME	39	8EPDM730	49	TMCX02737	45		
730XR168073ME	41	730XT141073GE	39	8EPDM730	49	TMCX02738	45		
730XR168076GE	41	730XT141073ME	39	9EPDM730	49	TMCX03245	45		
730XR168076ME	41	730XT141076GE	39	9EPDM730	49	TMCX03247	45		
730XR168089GE	41	730XT141076ME	39	9EPDM730	49	TMCX03248	45		
730XR168089ME	41	730XT141089GE	39	GRINCAN	51	TMCX03248	45		
730XR168114GE	41	730XT141089ME	39	GRINQNT	51	TMCX1145	46		
730XR168114ME	41	730XT165042GE	39	GRINTUB	51	TMCX1148	46		
730XR219060GE	41	730XT165042ME	39	GRNTAPE	51	TMCX1395	46		
730XR219060ME	41	730XT165048GE	39	IVA01013L	52	TMCX1398	46		
730XR219073GE	41	730XT165048ME	39	IVA01013S	52	TMCX1685	46		
730XR219073ME	41	730XT165060GE	39	IVA01018L	52	TMCX1688	46		
730XR219076GE	41	730XT165060ME	39	IVA01018M	52	TMCX2195	46		
730XR219076ME	41	730XT165073GE	39	IVA01018S	52	TMCX2197	46		
730XR219089GE	41	730XT165073ME	39	IVA03000	52	TMCX2198	46		
730XR219089ME	41	730XT165076GE	39	IVA04000	52	TMCX2735	46		
730XR219114GE	41	730XT165076ME	39	IVZ002	52	TMCX2737	46		
730XR219114ME	41	730XT165089GE	39	IVZ002	52	TMCX2738	46		
730XT060021GE	39	730XT165089ME	39	IVZ01013L	52	TMCX3245	46		
730XT060021ME	39	730XT165114GE	39	IVZ01013S	52	TMCX3247	46		
730XT060027GE	39	730XT165114ME	39	IVZ01018L	52	TMGX0060G	44		
730XT060027ME	39	730XT168042GE	39	IVZ01018M	52	TMGX0073G	44		
730XT060034GE	39	730XT168042ME	39	IVZ01018S	52	TMRG0076G	44		
730XT060034ME	39	730XT168048GE	39	IVZ03000	52	TMRG0089G	44		
730XT060042GE	39	730XT168048ME	39	IVZ04000	52	TMRG0114G	44		
730XT060042ME	39	730XT168060GE	39	IVZ07000	52	TMRG0114G	44		
730XT060048GE	39	730XT168060ME	39	IVZ08000	52	TMRG0139G	44		
730XT060048ME	39	730XT168073GE	39	NB100512	50	TMRG0141G	44		
730XT073021GE	39	730XT168073ME	39	IV2045534	50	TMRG0165G	44		
730XT073021ME	39	730XT168076GE	39	NB12238	50	TMRG0168G	44		
730XT073027GE	39	730XT168076ME	39	NB38218	50	TMRG0219G	44		
730XT073027ME	39	730XT168089GE	39	NBM1057	50	TMRG0273G	44		
730XT073034GE	39	730XT168089ME	39	NBM1276	50	TMRG0324G	44		
				NBM1670	50	TMRT0060T	44		

See technical data sheets for specific approvals, listings, and design parameters.
POA = Price on availability. Prices subject to change without notice.

Refer to back cover for country-specific customer care numbers.

Model No.	Page	Model No.	Page	
#211 and #311 – Grooved 11 ¹ / ₄ ° Elbow	16	#71 – Grooved Flange Adaptor – PN10 with Grade “E” EPDM Gasket	12	Introduction
#212 and #312 – Grooved 22 ¹ / ₂ ° Elbow	15	#71 – Grooved Flange Adaptor – PN16 with Grade “E” EPDM Gasket	13	
#221 and #321 – Grooved Reducing Tee	23	#71 Flange Adaptor – Metal Washer	48	Couplings & Fittings
#227 and #327 – Grooved Cross	31	#716 Reducing Coupling with Grade “E” EPDM Gasket	9	
#250 and #350 – Grooved Concentric Reducer	25	#716 Reducing Coupling Replacement EPDM “E” Gaskets	47	
#320 Groove x Male BSP Thread – Tee	18	#730 Mechanical Cross – BSP Threaded with Grade “E” or Grade “T” Nitrile Gasket	39	
#320 Groove x Male NPT Thread – Tee	18	#730 Mechanical Cross – Grooved with Grade “E” or Grade “T” Nitrile Gasket	41	
#323 – Reducing Tee with BSP Threaded Branch	19 - 20	#730 Mechanical Cross – NPT Threaded with Grade “E” or Grade “T” Nitrile Gasket	40	
#323 – Reducing Tee with NPT Threaded Branch	21 - 22	#730 Mechanical Tee – BSP Threaded with Grade “E” or Grade “T” Nitrile Gasket	36	
#341 – Grooved x Flanged Adaptor – ANSI 150 Lbs.	33	#730 Mechanical Tee – Grooved with Grade “E” or Grade “T” Nitrile Gasket	38	
#343 – Grooved x Flanged Adaptor – AS2129 Table E	34	#730 Mechanical Tee – NPT Threaded with Grade “E” or Grade “T” Nitrile Gasket	37	
#343 – Grooved x Flanged Adaptor – PN16	33	#730 Replacement “E” EPDM Gasket	49	
#372 Groove x Male BSP Thread – Reducer	27	#750 – ADACAP, NPT Threads	34	Mechanical Tees
#372 Groove x Male NPT Thread – Reducer	28	#770 High Pressure Rigid Coupling with Grade “E” EPDM	9	
#391 Groove x Male BSP Thread – Adaptor Nipple	29	#CV1 – Pieces Per Carton/Pallet	60	Valves
#391 Groove x Male NPT Thread – Adaptor Nipple	29	#CV1F – GFIRE Grooved Check Valve	42	
#392 Groove x Groove – Adaptor Nipple	30	#CV1FR – GFIRE Grooved Shotgun Riser Check Valve	42	Gaskets & Spare Parts
#393 Groove x Plain – Adaptor Nipple	30	Accessories	53	
#501 – G-FIRE Grooved 45° Elbow	15	Coupling Nut and Bolt Kit	50	
#507/#50L – Bullhead Tee	16	GRINNELL Gasket Lubricant	51	
#508 – Standpipe Tee	16	GRINNELL Gasket Styles, Grades and Recommendations	4	
#510 – G-FIRE Standard Pattern Grooved 90° Elbow	14	GRINNELL Silicone Gasket Lubricant	51	
#510DE – G-FIRE 90° Elbow with 25mm Outlet	16	Grooved Couplings – Pieces Per Carton/Pallet	55	
#510S – G-FIRE Short Pattern Cast Grooved 90° Elbow	14	Grooved Fittings – Pieces Per Carton/Pallet	56 - 58	
#519 – G-FIRE Standard Pattern Grooved Tee	17	Grooved Short Pattern Fittings – Pieces Per Carton/Pallet	56	
#519S – G-FIRE Short Pattern Grooved Tee	17	Mechanical Tees – Pieces Per Carton/Pallet	59	
#522 – GFIRE Sprinkler Outlet, BSP Threaded with Grade “E” Type “A” Gasket	35	Model #POSTIND – Indicator Post, Adjustable, TMCXP	46	Preparation Equipment
#522 – GFIRE Sprinkler Outlet, NPT Threaded with Grade “E” Type “A” Gasket	35	Model #TMCG – Shut Off Valve, Gate Valve, NRS, Groove x Groove	45	
#522 GFIRE Sprinkler Outlet Replacement Gaskets Grade “E” Type “A” Gaskets	50	Model #TMCT – Shut Off Valve, Gate Valve, NRS, Flange x Groove	45	
#560/#260 – Grooved Cap with 15mm BSP Tap	32	Model #TMCX – Shut Off Valve, Gate Valve, NRS, Flange x Flange, ANSI Class #125, PN10, & PN16	45	
#560/#260 – Grooved Cap with 25mm BSP Tap	32	Model #TMCXP – Shut Off Valve, Gate Valve, NRS, Flange x Flange, ANSI Class #125, PN10, & PN16	46	
#560/#260 and #360 – GFIRE Grooved Cap	31	Model #TMRG – Shut Off Valve, Gate Valve, OS&Y, Groove x Groove	44	
#577 – G-FIRE Rigid Coupling w/Grade “E” EPDM TriSeal Gasket	6	Model #TMRT – Shut Off Valve, Gate Valve, OS&Y, Flange x Groove	44	
#577 – G-FIRE Rigid Coupling w/Grade “E” Type “A” PreLube Gasket	6	Model #TMRX – Shut Off Valve, Gate Valve, OS&Y, Flange x Flange, ANSI Class #125, AS Table E, & PN16	44	
#702 – Outlet Coupling, Grade “E” Gasket, Female BSP Threaded End	10	Model #WALLIND – Indicator Post Wall Type	46	
#702 – Outlet Coupling Grade “E” Gasket, Grooved End	12	Model BFN – GFIRE Butterfly Valves Groove x Groove, 300 psi	43	
#702 – Outlet Coupling Replacement Gaskets	48	Model BFN – GFIRE Butterfly Valves Lug Style, 250 psi	43	Indices
#702 – Outlet Coupling, Grade “E” Gasket, Male BSP Threaded End	10	Model BFN – GFIRE Butterfly Valves Wafer Style, 250 psi	43	
#702 – Outlet Coupling, Grade “E” Gasket, Female NPT Threaded End	11	Pipe Tape Chrome Plated with GRINNELL Logo	51	
#702 – Outlet Coupling, Grade “E” Gasket, Male NPT Threaded End	11	Replacement Gaskets	47	
#705 – Flexible Coupling with Grade “E” EPDM TriSeal Gasket	7	Replacement Gaskets – Pieces Per Carton/Pallet	61	
#705 – Flexible Coupling with Grade “E” Type “A” PreLube Gasket	7	Roll Grooving Machine Selection Chart	52 - 53	
#707 Heavy Duty Flexible Coupling with Grade “E” EPDM Gasket	8	Roll Selection Chart	54	
#707 Heavy Duty Flexible Coupling with Grade “E” EPDM TriSeal Gasket	8			
#71 – Grooved Flange Adaptor – ANSI Class 150 with Grade “E” EPDM Gasket	13			
#71 – Grooved Flange Adaptor – AS2129 Table E with Grade “E” EPDM Gasket	13			



Grinnell

India

Tyco Safety Products (India) Pvt Ltd
1001, Wing 'C', 10th Floor,
Godrej Coliseum, Sion,
Mumbai – 400 022, India
Tel: 022 6628 6628
Fax: 022 6628 6650
Email: info.india@tycofp.com

www.grinnell.com