



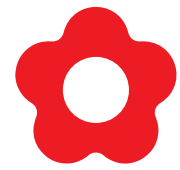
USER-DRIVEN, QUALITY-ORIENTED

PLUMNECT

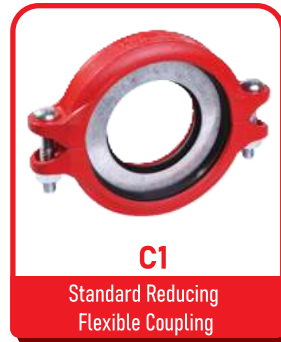
GROOVED COUPLINGS & FITTINGS



PRODUCT INDEX



PLUMNECT



* Note : Pending UL/FM approval.



E2

11.25° Elbow



E3

22.5° Elbow



E4

45° Elbow



T

Tee



TH

Reducing Tee



TV*

Reducing Tee



TL

Light-Duty Tee



RT

Reducing Tee



RT

Reducing Tee



TT

Reducing Tee with
Female Thread



TT

Reducing Tee with
Female Thread



C

Cross



CR*

Reducing Cross



CT

Reducing Cross with
Female Thread



MT1

U-Bolt Mechanical Tee



MT2

Mechanical Tee Grooved Outlet



MTL2

Light-duty Mechanical Tee
Grooved Outlet



MT3

Mechanical Tee
Threaded Outlet



MTL3

Light-duty Mechanical Tee
Threaded Outlet



MT22

Mechanical Cross
Grooved Outlet

* Note : Pending UL/FM approval.



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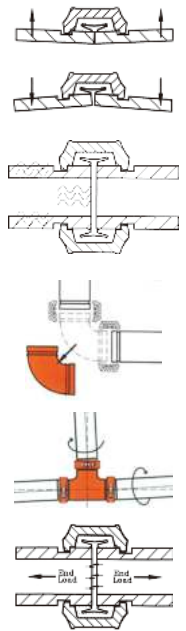
GROOVED COUPLINGS & FITTINGS

Material : ASTM A536, Grade 65-45-12, QT450-10
 Threads : ASME B1.20.1, ISO 7-1, GB 7306
 Size Available : 1" ... 24" (25mm ... 600mm)
 Surface Treatment : **P** Painted **S** Epoxy
E Electroplated **G** Hot-Dip Galvanized
B Black

FLEXIBLE COUPLING

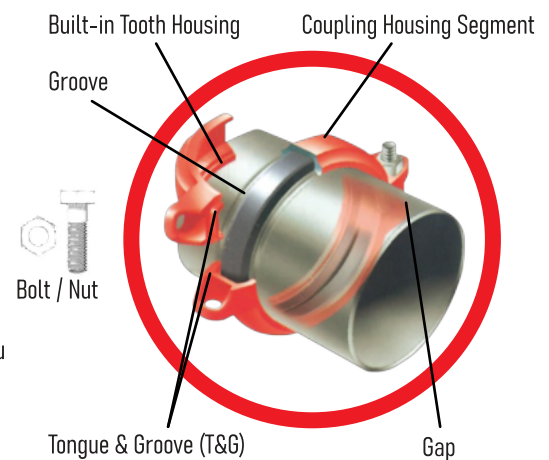


- 1** A flexible coupling accommodates pipe deflection and or non-alignment as below :-
If nominal diameter < DN200, deflection angle is $\geq 1^\circ$;
If nominal diameter \geq DN200, deflection angle is $\geq 0.5^\circ$ but $< 1^\circ$.
- 2** The C-shaped rubber gasket provides excellent self-sealing capabilities in both low and high pressure service as well as under certain vacuum conditions.
- 3** The design and construction elastomeric gaskets can provide significant noise and vibration absorption as well as seismic stress.
- 4** With the removal of just a few bolts you can easily access the system for cleaning, maintenance, changes or system expansion.
- 5** Coupling are non-directive and pipe can be rotated 360° during installation.
- 6** Coupling keys engage the full circumference of the grooves and provide significant pressure and end load restraint against pipe movement from internal and external forces.



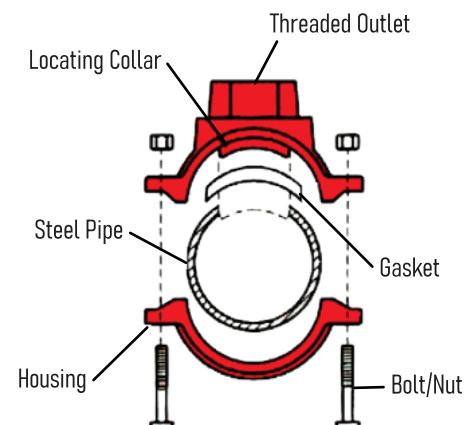
RIGID COUPLING

- 1** The T&G mechanism in combination with a slightly shortened key diameter provides a mechanical and frictional interlock resulting in a rigid joint which reduces undesired angular movement.
- 2** The built-in teeth on the coupling grip the groove shoulder and serve to reduce linear movement.
- 3** The T&G mechanism features a slight offset at the foot of the coupling halves which serve to protect the gasket from exposure.
- 4** With the T&G style coupling no metal-to-metal contact of the bolt pads is required. You will normally see a $1/16'' - 1/8''$ (1.6mm to 3.2mm) gap between the bolt pads when installed.



MECHANICAL TEE CONNECTION

The Mechanical Tee (MT3, MT2, MT1) provide for a fast and easy grooved or threaded branch outlet and eliminate the need for welding or the use of a reducing tee and couplings. Simply cut a hole to the specified size at the expected location and fasten the mechanical tee to the pipe with the nuts and bolts provided. As the housing bolts are tightened, the pressure responsive gasket forms a leak-tight seal.



MECHANICAL GROOVED COUPLING MECHANICAL GROOVED FITTINGS ADAPTOR FLANGE



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