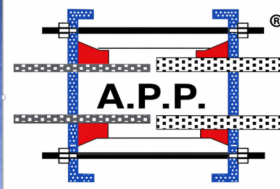


# APP-GGG

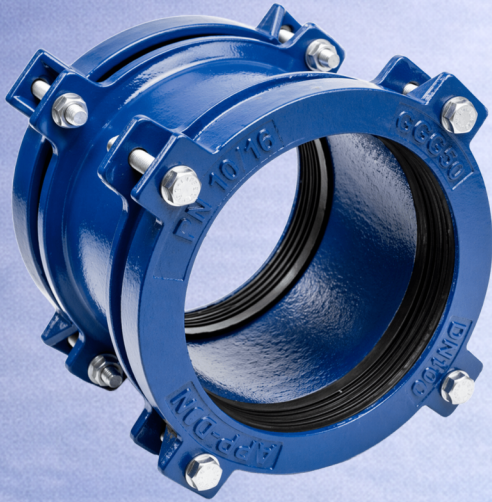
## Ductile Iron Coupling



**hedef**  
Engineering Services  
Industry and Trade Inc.

### High-Strength Durable Structure, Powerful and Reliable Connection Solution

APP Ductile Iron Couplings are specifically engineered to provide secure and leak-tight connections in heavy-duty infrastructure applications. With their high corrosion resistance and impact-resistant ductile iron (GGG40/50) body, they ensure superior durability and long-term performance even under the most demanding site conditions.



### KEY ADVANTAGES

- ▶ High-strength ductile iron body
- ▶ Compatible with various pipe materials (Ductile iron, Cast iron, Steel, AC, PVC, etc.)
- ▶ Flexible use with wide diameter tolerance
- ▶ Reliable sealing performance under high pressure
- ▶ High resistance to impact and mechanical loads
- ▶ Fast and easy installation on site
- ▶ Long service life with minimal maintenance
- ▶ Permanent solution against leakage and seepage
- ▶ Cost-effective solution reducing stock variety

### PARTS AND MATERIAL SPECIFICATIONS

No	Component	Material and Technical Details
1	Sleeve	Ductile iron (GGG40/50). High-strength structural framework.
2	End Rings	Ductile Iron (GGG40/50). Pressure caps that exert force on the gasket.
3	Tee Bolts/Bolts	Galvanized 8.8 Steel / AISI 304 / 316 Stainless Steel. Exceptional corrosion resistance.
4	Conical Gasket	EPDM / NBR. Pressure-sensitive sealing technology.
5	Nuts and Washers	Galvanized 8.8 Steel / AISI 304 / 316 Stainless Steel. Reliable locking mechanism.
6	Coating	Epoxy/Thermoplastic Coating. Durable protection, extended longevity.

### AREAS OF APPLICATION

- Potable water transmission and infrastructure lines
- Industrial pipeline systems
- Treatment plants and pumping stations
- New pipeline connections and system integration
- Maintenance, repair, and rehabilitation works
- Integration of different pipeline systems
- Fire hydrant and high-pressure pipeline systems