

# Ductile Iron Socket Bends

Technical Guide W3.6

The Gillies range of ductile iron fittings are manufactured to the highest industry standards and have a proven performance record in New Zealand.



10.21 | W3.6 GILLIES DUCTILE IRON SOCKET BENDS

## Applications

- ..... Potable water and wastewater pipelines
- ..... Water reticulation and irrigation
- ..... Water supply maintenance
- ..... Subdivisions
- ..... Pump stations

## Product Attributes

- ..... High strength ductile iron construction
- ..... Bureau Veritas S Mark accredited
- ..... Plascoat coated
- ..... Installed above and below ground

## Approvals/Standards

- ..... Approved to AS/NZ 2280 Standard
- ..... Coating complies with AS/NZS 4158 & 4020 (WSAA Product Appraisal 05/12)

## Quality

- ..... ISO 9001:2008 Quality Management Standard

*We are the supply partner of choice for New Zealand's civil construction industry, specialising in water and infrastructure based solutions.*

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### Design Specification

- Standard sizes available from 80 – 600mm. Larger sizes available
- Operating pressure up to 1600kPa as standard. Higher pressures available.
- Maximum deflection 3.5°
- Suitable for in-ground and above ground applications
- All fittings have a plascoat coating for superior protection

TABLE 1

Nominal Size (DN)	r (mm)	b (mm)			
		Angle of bend (degrees)			
		90	45	22½	11¼
100	152	165	80	45	30
150	190	205	95	55	35
200	203	220	100	55	35
225	229	250	115	65	45
250	254	275	125	70	45
300	305	325	145	80	50
375	381	405	185	100	65
450	457	480	215	115	70
500	508	535	235	125	75
600	610	635	280	145	85

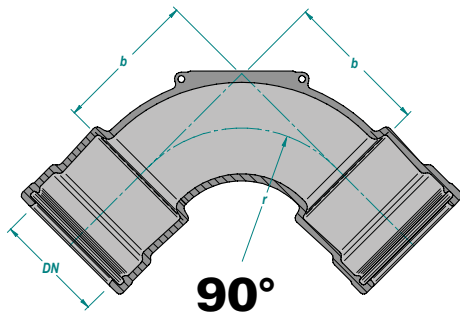


FIG. 1

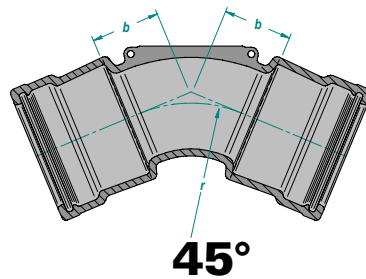


FIG. 3

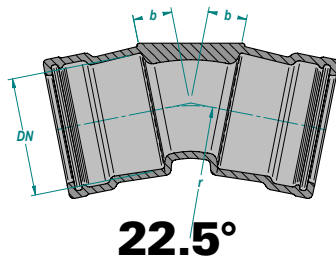


FIG. 2

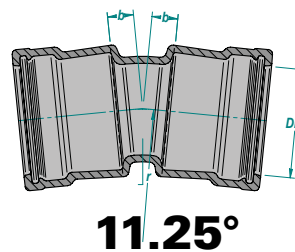


FIG. 4

Branches Nationwide Support Office & Technical Services 0800 93 7473

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