



Manufacturing Range

| Fitting Type                               | Dia. Range     | Wall Thickness              | Material Range  |
|--|----------------|-----------------------------|---|
| Long Radius Elbow 45° to 90° <sup>1</sup>  | 1" – 24"       | Sch 40 – 100mm <sup>2</sup> | Carbon Steel, Duplex, Super Duplex & 316 <sup>3</sup> |
| Short Radius Elbow 45° to 90° <sup>1</sup> | 1" – 24"       | Sch 40 – 100mm <sup>2</sup> | Carbon Steel, Duplex, Super Duplex & 316 <sup>3</sup> |
| 3D Bends 45° to 90° <sup>1</sup>           | 2" – 12"       | Sch 40 – 100mm <sup>2</sup> | Carbon Steel, Duplex, Super Duplex & 316 <sup>3</sup> |
| 5D Bends 45° to 90° <sup>1</sup>           | 4" – 8"        | Sch 40 – 100mm <sup>2</sup> | Carbon Steel, Duplex, Super Duplex & 316 <sup>3</sup> |
| Long Sweep Elbows 45° to 90° <sup>1</sup>  | 2" – 6"        | On application              | AISI 4130 & WPHY52 <sup>3</sup>                       |
| Double Back Bends 45° to 90° <sup>1</sup>  | 2" – 6"        | On application              | AISI 4130 & WPHY52 <sup>3</sup>                       |
| Concentric Reducers                        | 2" – 36"       | Sch 20 – 100mm              | Carbon Steel, Duplex, Super Duplex & 316 <sup>3</sup> |
| Eccentric Reducers                         | 2" – 36"       | Sch 20 – 100mm              | Carbon Steel, Duplex, Super Duplex & 316 <sup>3</sup> |
| Tees (Forged)                              | 2" – 36"       | Sch 20 – 100mm              | Carbon Steel, Duplex, Super Duplex & 316 <sup>3</sup> |
| Tees (extruded)                            | 36" & above    | Sch 40 – 100mm              | Carbon Steel, Duplex, Super Duplex & 316 <sup>3</sup> |
| Lateral Tees                               | On application | On application              | On application  |
| Headers                                    | On application | On application              | On application  |
| Sphere Tees                                | On application | On application              | On application  |
| Caps                                       | 4" – 40"       | Sch 40 – 100mm              | Carbon Steel, Duplex, Super Duplex & 316 <sup>3</sup> |
| Crosses                                    | On application | On application              | On application  |
| Wye Pieces                                 | 6" – 20"       | Sch 40 – 100mm              | Carbon Steel, Duplex, Super Duplex & 316 <sup>3</sup> |

<sup>1</sup> other angles available on application

<sup>2</sup> starting wall thickness Sch 120

<sup>3</sup> other material available on request

All subject to availability of materials