

## Mechanical Tee (Grooved) XGQT3

### Product Description

#### Product Certification

UL Listed / FM Approved (EX 26523)

#### Material of Construction

Ductile Iron as per ASTM A536 Gr. 65 - 45 - 12

#### Pressure Rating

Test Pressure : 12.5 MPa

Max. Working Pressure : 2.5 MPa

Please note that as per FM 1920:2007 Sizes <= 150 mm are rated PN20 and > 150 mm are rated PN16

#### Nuts & Bolts

Heat Treated Carbon Steel as per ISO 898-1 Class 8.8

#### Finishing

Epoxy Red Paint RAL - 3000/3001



### Dimensions (in mm)

| Nominal Size | Nominal Size (Inch) | Pipe O.D.   | Bolt Size (No. - Size) | Ø   | L   | K     | H   | Hole Dia (+1.6,0) |
|--------------|---------------------|-------------|------------------------|-----|-----|-------|-----|-------------------|
| 50×20        | 2.1/2×1             | 60.3×33.7   | 2-M10×60               | 81  | 116 | 64.5  | 64  | 38                |
| 50×32        | 2×1.1/4             | 60.3×42.4   | 2-M10×60               | 81  | 116 | 64.5  | 68  | 46                |
| 50×40        | 2×1.1/2             | 60.3×48.3   | 2-M10×60               | 81  | 116 | 64.5  | 68  | 46                |
| 65×25        | 2.1/2×1             | 76.1×33.7   | 2-M10×60               | 98  | 137 | 73    | 69  | 38                |
| 65×32        | 2.1/2×1.1/4         | 76.1×42.4   | 2-M10×60               | 98  | 137 | 73    | 76  | 46                |
| 65×40        | 2.1/2×1.1/2         | 76.1×48.3   | 2-M10×60               | 98  | 137 | 73    | 82  | 51                |
| 80×25        | 3×1                 | 88.9×33.7   | 2-M10×60               | 113 | 146 | 80.5  | 69  | 38                |
| 80×32        | 3×1.1/4             | 88.9×42.4   | 2-M10×60               | 113 | 146 | 80.5  | 76  | 46                |
| 80×40        | 3×1.1/2             | 88.9×48.3   | 2-M10×60               | 113 | 146 | 80.5  | 82  | 51                |
| 80×50        | 3×2                 | 88.9×60.3   | 2-M10×60               | 113 | 146 | 80.5  | 91  | 61                |
| 100×25       | 4×1                 | 114.3×33.7  | 2-M12×75               | 138 | 176 | 93    | 70  | 38                |
| 100×32       | 4×1.1/4             | 114.3×42.4  | 2-M12×75               | 138 | 176 | 93    | 77  | 46                |
| 100×40       | 4×1.1/2             | 114.3×48.3  | 2-M12×75               | 138 | 176 | 93    | 83  | 51                |
| 100×50       | 4×2                 | 114.3×60.3  | 2-M12×75               | 138 | 176 | 93    | 92  | 61                |
| 100×65       | 4×2.2/1             | 114.3×76.1  | 2-M12×75               | 138 | 176 | 93    | 112 | 81                |
| 100×80       | 4×3                 | 114.3×88.9  | 2-M12×75               | 138 | 176 | 93    | 118 | 86                |
| 125×25       | 5×1                 | 139.7×33.7  | 2-M12×75               | 164 | 206 | 105   | 70  | 38                |
| 125×32       | 5×1.1/4             | 139.7×42.4  | 2-M12×75               | 164 | 206 | 105   | 77  | 46                |
| 125×40       | 5×1.1/2             | 139.7×48.3  | 2-M12×75               | 164 | 206 | 105   | 83  | 51                |
| 125×50       | 5×2                 | 139.7×60.3  | 2-M12×75               | 164 | 206 | 106   | 92  | 61                |
| 125×65       | 5×2.1/2             | 139.7×76.1  | 2-M12×75               | 164 | 206 | 106   | 112 | 81                |
| 125×80       | 5×3                 | 139.7×88.9  | 2-M12×75               | 164 | 206 | 106   | 118 | 86                |
| 150×25       | 6×1                 | 165.1×33.7  | 2-M12×75               | 189 | 226 | 118.5 | 70  | 38                |
| 150×32       | 6×1                 | 165.1×42.4  | 2-M12×75               | 189 | 226 | 118.5 | 77  | 46                |
| 150×40       | 6×1.1/2             | 165.1×48.3  | 2-M12×75               | 189 | 226 | 118.5 | 83  | 51                |
| 150×50       | 6×2                 | 165.1×60.3  | 2-M12×75               | 189 | 226 | 118.5 | 92  | 61                |
| 150×65       | 6×2.1/2             | 165.1×76.1  | 2-M12×75               | 189 | 226 | 118.5 | 112 | 81                |
| 150×80       | 6×3                 | 165.1×88.9  | 2-M12×75               | 189 | 226 | 118.5 | 118 | 86                |
| 150×100      | 6×4                 | 165.1×114.3 | 2-M12×75               | 189 | 226 | 118.5 | 147 | 114               |
| 200×25       | 8×1                 | 219.1×33.7  | 2-M16×100              | 247 | 304 | 149.5 | 72  | 38                |
| 200×32       | 8×1.1/4             | 219.1×42.4  | 2-M16×100              | 247 | 304 | 149.5 | 79  | 46                |
| 200×40       | 8×1.1/2             | 219.1×48.3  | 2-M16×100              | 247 | 304 | 149.5 | 85  | 51                |
| 200×50       | 8×2                 | 219.1×60.3  | 2-M16×100              | 247 | 304 | 149.5 | 94  | 61                |
| 200×65       | 8×2.1/2             | 219.1×76.1  | 2-M16×100              | 247 | 304 | 149.5 | 114 | 81                |
| 200×80       | 8×3                 | 219.1×88.9  | 2-M16×100              | 247 | 304 | 149.5 | 120 | 86                |
| 200×100      | 8×4                 | 219.1×114.3 | 2-M16×100              | 247 | 304 | 149.5 | 149 | 114               |