

# 可锻铸铁管路连接件型式尺寸

## 异 径 四 通

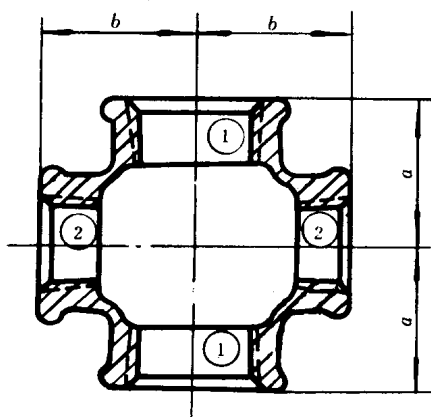
Malleable cast iron pipe fittings—Type size  
—Reducing crosses

UDC 621.643:669  
.131.8

GB 3289.21—82

本标准适用于公称通径 $Dg6 \sim 150\text{mm}$ ，公称压力 $Pg$ 小于或等于 $16\text{kgf/cm}^2$ ，试验压力 $24\text{kgf/cm}^2$ ，介质最高工作温度不超过 $200^\circ\text{C}$ 的输送水、油、空气、煤气、蒸汽等一般管路中的管路连接件。

1 型式尺寸如图表。



| 公 称 通 径 $Dg$<br>① × ② |                  | $a$ | $b$ | 公 称 通 径 $Dg$<br>① × ② |                    | $a$ | $b$ |
|-----------------------|------------------|-----|-----|-----------------------|--------------------|-----|-----|
| mm                    | in               | mm  |     | mm                    | in                 | mm  |     |
| 10 × 8                | $3/8 \times 1/4$ | 20  | 22  | 25 × 10               | $1 \times 3/8$     | 30  | 32  |
| 15 × 8                | $1/2 \times 1/4$ | 24  | 24  | 25 × 15               | $1 \times 1/2$     | 32  | 33  |
| 15 × 10               | $1/2 \times 3/8$ | 26  | 25  | 25 × 20               | $1 \times 3/4$     | 34  | 35  |
| 20 × 8                | $3/4 \times 1/4$ | 25  | 27  | 32 × 8                | $1 1/4 \times 1/4$ | 30  | 37  |
| 20 × 10               | $3/4 \times 3/8$ | 28  | 28  | 32 × 10               | $1 1/4 \times 3/8$ | 33  | 38  |
| 20 × 15               | $3/4 \times 1/2$ | 29  | 30  | 32 × 15               | $1 1/4 \times 1/2$ | 34  |     |
| 25 × 8                | $1 \times 1/4$   | 27  | 31  | 32 × 20               | $1 1/4 \times 3/4$ | 38  | 40  |

续表

| 公称通径 $D_g$<br>① × ② |                                   | $a$ | $b$ | 公称通径 $D_g$<br>① × ② |                                   | $a$ | $b$ |
|---------------------|-----------------------------------|-----|-----|---------------------|-----------------------------------|-----|-----|
| mm                  | in                                | mm  |     | mm                  | in                                | mm  |     |
| 32 × 25             | 1 $\frac{1}{4}$ × 1               | 40  | 42  | 80 × 20             | 3 × $\frac{3}{4}$                 | 46  | 66  |
| 40 × 8              | 1 $\frac{1}{2}$ × $\frac{1}{4}$   | 31  | 38  | 80 × 25             | 3 × 1                             | 50  | 68  |
| 40 × 10             | 1 $\frac{1}{2}$ × $\frac{3}{8}$   | 34  | 39  | 80 × 32             | 3 × 1 $\frac{1}{4}$               | 55  | 70  |
| 40 × 15             | 1 $\frac{1}{2}$ × $\frac{1}{2}$   | 35  | 42  | 80 × 40             | 3 × 1 $\frac{1}{2}$               | 58  | 72  |
| 40 × 20             | 1 $\frac{1}{2}$ × $\frac{3}{4}$   | 38  | 43  | 80 × 50             | 3 × 2                             | 62  |     |
| 40 × 25             | 1 $\frac{1}{2}$ × 1               | 41  | 45  | 80 × 65             | 3 × 2 $\frac{1}{2}$               | 72  | 75  |
| 40 × 32             | 1 $\frac{1}{2}$ × 1 $\frac{1}{4}$ | 45  | 48  | 90 × 15             | 3 $\frac{1}{2}$ × $\frac{1}{2}$   | 47  | 71  |
| 50 × 8              | 2 × $\frac{1}{4}$                 | 34  | 45  | 90 × 20             | 3 $\frac{1}{2}$ × $\frac{3}{4}$   | 50  | 73  |
| 50 × 10             | 2 × $\frac{3}{8}$                 | 37  | 46  | 90 × 25             | 3 $\frac{1}{2}$ × 1               | 54  | 75  |
| 50 × 15             | 2 × $\frac{1}{2}$                 | 38  | 48  | 90 × 32             | 3 $\frac{1}{2}$ × 1 $\frac{1}{4}$ | 57  | 77  |
| 50 × 20             | 2 × $\frac{3}{4}$                 | 41  | 49  | 90 × 40             | 3 $\frac{1}{2}$ × 1 $\frac{1}{2}$ | 60  | 78  |
| 50 × 25             | 2 × 1                             | 44  | 51  | 90 × 50             | 3 $\frac{1}{2}$ × 2               | 65  | 80  |
| 50 × 32             | 2 × 1 $\frac{1}{4}$               | 48  | 54  | 90 × 65             | 3 $\frac{1}{2}$ × 2 $\frac{1}{2}$ | 74  | 82  |
| 50 × 40             | 2 × 1 $\frac{1}{2}$               | 52  | 55  | 90 × 80             | 3 $\frac{1}{2}$ × 3               | 80  | 85  |
| 65 × 15             | 2 $\frac{1}{2}$ × $\frac{1}{2}$   | 41  | 57  | 100 × 15            | 4 × $\frac{1}{2}$                 | 50  | 79  |
| 65 × 20             | 2 $\frac{1}{2}$ × $\frac{3}{4}$   | 44  | 58  | 100 × 20            | 4 × $\frac{3}{4}$                 | 54  | 80  |
| 65 × 25             | 2 $\frac{1}{2}$ × 1               | 48  | 60  | 100 × 25            | 4 × 1                             | 57  | 83  |
| 65 × 32             | 2 $\frac{1}{2}$ × 1 $\frac{1}{4}$ | 52  | 62  | 100 × 32            | 4 × 1 $\frac{1}{4}$               | 61  | 86  |
| 65 × 40             | 2 $\frac{1}{2}$ × 1 $\frac{1}{2}$ | 55  |     | 100 × 40            | 4 × 1 $\frac{1}{2}$               | 63  |     |
| 65 × 50             | 2 $\frac{1}{2}$ × 2               | 60  | 65  | 100 × 50            | 4 × 2                             | 69  | 87  |
| 80 × 15             | 3 × $\frac{1}{2}$                 | 43  | 65  | 100 × 65            | 4 × 2 $\frac{1}{2}$               | 78  | 90  |

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续表

| 公称通径 $D_g$<br>①×② |                   | $a$ | $b$ | 公称通径 $D_g$<br>①×② |                   | $a$ | $b$ |
|-------------------|-------------------|-----|-----|-------------------|-------------------|-----|-----|
| mm                | in                | mm  |     | mm                | in                | mm  |     |
| 100×80            | 4×3               | 83  | 91  | 150×20            | 6× $\frac{3}{4}$  | 60  | 108 |
| 100×90            | 4× $3\frac{1}{2}$ | 90  | 95  | 150×25            | 6×1               | 64  | 110 |
| 125×20            | 5× $\frac{3}{4}$  | 55  | 96  | 150×32            | 6× $1\frac{1}{4}$ | 67  | 113 |
| 125×25            | 5×1               | 60  | 97  | 150×40            | 6× $1\frac{1}{2}$ | 70  | 114 |
| 125×32            | 5× $1\frac{1}{4}$ | 62  | 100 | 150×50            | 6×2               | 75  | 115 |
| 125×40            | 5× $1\frac{1}{2}$ | 66  |     | 150×65            | 6× $2\frac{1}{2}$ | 85  | 118 |
| 125×50            | 5×2               | 72  | 103 | 150×80            | 6×3               | 92  | 120 |
| 125×65            | 5× $2\frac{1}{2}$ | 81  | 105 | 150×90            | 6× $3\frac{1}{2}$ | 97  | 125 |
| 125×80            | 5×3               | 87  | 107 | 150×100           | 6×4               | 102 |     |
| 125×90            | 5× $3\frac{1}{2}$ | 93  | 109 | 150×125           | 6×5               | 116 | 128 |
| 125×100           | 5×4               | 100 | 111 |                   |                   |     |     |

2 结构尺寸按GB 3289.1—82。

3 技术条件按GB 3287—82。

4 检验规则按GB 3288—82。