

| SIZE | STANDARD | CLASS | FLANGE DIAMETER | | BOLT HOLE P.C.D. | | BOLT HOLE DIAMETER | | FLANGE THICKNESS | | RAISED FACE DIAMETER | | RAISED FACE HEIGHT | | No. OF BOLTS N |
|--------------|-------------------------|-------|-----------------|--------|------------------|--------|--------------------|----|------------------|----|----------------------|-----|--------------------|-----|-------------------|
| | | | D | | P | | d | | t | | R | | f | | |
| | | | ins | mm | ins | mm | ins | mm | ins | mm | ins | mm | ins | mm | |
| 10" 250mm | ASME B16.5 | 150 | 16 | 406 | 14 1/4 | 362 | 1 | 25 | 1 3/16 | 30 | 12 3/4 | 324 | 1/16 | 1.6 | 12 |
| | | 300 | 17 1/2 | 445 | 15 1/4 | 387 | 1 1/8 | 28 | 1 7/8 | 48 | | | 1/4 | 6.4 | 16 |
| | | 600 | 20 | 508 | 17 | 432 | 1 3/8 | 34 | 2 1/2 | 64 | | | | | |
| | | 900 | 21 1/2 | 546 | 18 1/2 | 470 | 1 1/2 | 38 | 2 3/4 | 70 | | | | | |
| | BS EN 1092/1 (PN) | 16 | 15 15/16 | 405 | 14 | 355 | 1 1/16 | 27 | 1 1/16 | 26 | 12 5/8 | 320 | 1/8 | 3 | 12 |
| | | 25 | 16 3/4 | 425 | 14 9/16 | 370 | 1 3/16 | 30 | 1 1/4 | 32 | 13 3/16 | 335 | | | |
| | | 40 | 17 3/4 | 450 | 15 3/16 | 385 | 1 5/16 | 33 | 1 1/2 | 38 | 13 9/16 | 345 | | | |
| | BS 10 | E | 16 | 406 | 14 | 355 | 13/16 | 21 | 7/8 | 22 | | | | | 12 |
| | | F | 17 | 432 | 15 | 381 | 15/16 | 24 | 1 | 25 | | | | | |
| | | H | | | | | | | 1 3/8 | 34 | | | | | |
| | | J | | | | | | | 1 7/8 | 48 | 12 1/4 | 311 | 1/16 | 1.6 | |
| | | R | | | | | | | 2 1/4 | 57 | | | | | |
| | | | | 15 1/4 | 387 | 1 1/16 | 27 | | | | | | | 16 | |

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|--------------|-------------------------|-------|-----------------|-----|------------------|--------|--------------------|----|------------------|----|----------------------|-----|--------------------|-----|-------------------|
| | | | D | | P | | d | | t | | R | | f | | |
| | | | ins | mm | ins | mm | ins | mm | ins | mm | ins | mm | ins | mm | |
| 12" 300mm | ASME B16.5 | 150 | 19 | 483 | 17 | 432 | 1 | 25 | 1 1/4 | 32 | 15 | 381 | 1/16 | 1.6 | 12 |
| | | 300 | 20 1/2 | 521 | 17 3/4 | 450 | 1 1/4 | 32 | 2 | 51 | | | 1/4 | 6.4 | 16 |
| | | 600 | 22 | 559 | 19 1/4 | 489 | 1 3/8 | 34 | 2 5/8 | 67 | | | | | |
| | | 900 | 24 | 610 | 21 | 533 | 1 1/2 | 38 | 3 1/8 | 79 | | | | | |
| | BS EN 1092/1 (PN) | 16 | 18 1/8 | 460 | 16 1/8 | 410 | 1 1/16 | 27 | 1 1/8 | 28 | 14 7/8 | 378 | 5/32 | 4 | 12 |
| | | 25 | 19 1/8 | 485 | 16 15/16 | 430 | 1 3/16 | 30 | 1 3/8 | 34 | 15 9/16 | 395 | | | 16 |
| | | 40 | 20 1/4 | 515 | 17 3/4 | 450 | 1 5/16 | 33 | 1 11/16 | 42 | 16 1/8 | 410 | | | |
| | BS 10 | E | 18 | 457 | 16 | 406 | 15/16 | 24 | 1 | 25 | | | | | 12 |
| | | F | 19 1/4 | 489 | 17 1/4 | 438 | | | 1 1/8 | 28 | | | | | |
| | | H | | | | | | | 1 1/2 | 38 | | | | | |
| | | J | | | | | | | 2 | 51 | 14 1/4 | 362 | 1/16 | 1.6 | |
| | | R | | | | | | | 2 1/2 | 64 | | | | | |
| | | 20 | 508 | 18 | 457 | 1 3/16 | 30 | | | | | | 16 | | |