

| https://fittertraining.com LATERAL PIPE BRANCH AND TEE BRANCH | | | | | | | | | |
|--|--------------|--------------|--------------|--------------|-------------|--------------|--------------|--------------|--------------|
| Center line | 32" x 104" | | | | Center line | 34" x 104" | | | |
| | LAT-ERAL 60° | LAT-ERAL 45° | LAT-ERAL 30° | CONC TEE 90° | | LAT-ERAL 60° | LAT-ERAL 45° | LAT-ERAL 30° | CONC TEE 90° |
| 1 | 7 | 10 | 17 | 2 | 1 | 7 | 11 | 19 | 2 |
| 2 | 27 | 42 | 69 | 8 | 2 | 30 | 46 | 75 | 10 |
| 3 | 60 | 93 | 153 | 18 | 3 | 65 | 101 | 165 | 21 |
| 4 | 102 | 159 | 261 | 30 | 4 | 111 | 172 | 282 | 34 |
| 5 | 150 | 235 | 389 | 42 | 5 | 163 | 254 | 420 | 47 |
| 6 | 201 | 318 | 528 | 52 | 6 | 218 | 344 | 569 | 59 |
| 7 | 252 | 402 | 670 | 58 | 7 | 273 | 434 | 722 | 66 |
| 8 | 299 | 483 | 809 | 61 | 8 | 324 | 520 | 870 | 69 |
| 9 | 341 | 557 | 938 | 58 | 9 | 368 | 599 | 1007 | 66 |
| 10 | 376 | 622 | 1054 | 52 | 10 | 405 | 667 | 1129 | 59 |
| 11 | 404 | 676 | 1153 | 42 | 11 | 434 | 724 | 1232 | 47 |
| 12 | 426 | 720 | 1233 | 30 | 12 | 455 | 769 | 1317 | 34 |
| 13 | 441 | 753 | 1296 | 18 | 13 | 470 | 803 | 1381 | 21 |
| 14 | 451 | 776 | 1340 | 8 | 14 | 480 | 826 | 1427 | 10 |
| 15 | 456 | 789 | 1366 | 2 | 15 | 486 | 840 | 1454 | 2 |
| 16 | 458 | 793 | 1374 | 0 | 16 | 487 | 844 | 1462 | 0 |
| 17 | 456 | 789 | 1366 | 2 | 17 | 486 | 840 | 1454 | 2 |
| 18 | 451 | 776 | 1340 | 8 | 18 | 480 | 826 | 1427 | 10 |
| 19 | 441 | 753 | 1296 | 18 | 19 | 470 | 803 | 1381 | 21 |
| 20 | 426 | 720 | 1233 | 30 | 20 | 455 | 769 | 1317 | 34 |
| 21 | 404 | 676 | 1153 | 42 | 21 | 434 | 724 | 1232 | 47 |
| 22 | 376 | 622 | 1054 | 52 | 22 | 405 | 667 | 1129 | 59 |
| 23 | 341 | 557 | 938 | 58 | 23 | 368 | 599 | 1007 | 66 |
| 24 | 299 | 483 | 809 | 61 | 24 | 324 | 520 | 870 | 69 |
| 25 | 252 | 402 | 670 | 58 | 25 | 273 | 434 | 722 | 66 |
| 26 | 201 | 318 | 528 | 52 | 26 | 218 | 344 | 569 | 59 |
| 27 | 150 | 235 | 389 | 42 | 27 | 163 | 255 | 420 | 47 |
| 28 | 102 | 159 | 261 | 30 | 28 | 111 | 172 | 282 | 34 |
| 29 | 60 | 93 | 153 | 18 | 29 | 65 | 101 | 165 | 21 |
| 30 | 27 | 42 | 69 | 8 | 30 | 30 | 46 | 75 | 10 |
| 31 | 7 | 10 | 17 | 2 | 31 | 7 | 11 | 19 | 2 |
| 32 | 0 | 0 | 0 | 0 | 32 | 0 | 0 | 0 | 0 |

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|--|--------------|--------------|--------------|--------------|-------------|--------------|--------------|--------------|--------------|
| Center line | 36" x 104" | | | | Center line | 38" x 104" | | | |
| | LAT-ERAL 60° | LAT-ERAL 45° | LAT-ERAL 30° | CONC TEE 90° | | LAT-ERAL 60° | LAT-ERAL 45° | LAT-ERAL 30° | CONC TEE 90° |
| 1 | 8 | 12 | 20 | 3 | 1 | 9 | 13 | 22 | 3 |
| 2 | 32 | 50 | 81 | 11 | 2 | 35 | 53 | 87 | 12 |
| 3 | 70 | 109 | 178 | 23 | 3 | 76 | 117 | 191 | 26 |
| 4 | 120 | 185 | 304 | 38 | 4 | 129 | 199 | 326 | 43 |
| 5 | 176 | 274 | 451 | 53 | 5 | 190 | 295 | 484 | 60 |
| 6 | 236 | 370 | 611 | 66 | 6 | 254 | 397 | 654 | 74 |
| 7 | 294 | 466 | 774 | 75 | 7 | 317 | 499 | 828 | 84 |
| 8 | 348 | 558 | 931 | 78 | 8 | 374 | 597 | 994 | 87 |
| 9 | 395 | 641 | 1077 | 75 | 9 | 423 | 684 | 1147 | 84 |
| 10 | 434 | 713 | 1205 | 66 | 10 | 463 | 759 | 1281 | 74 |
| 11 | 464 | 772 | 1313 | 53 | 11 | 494 | 820 | 1394 | 60 |
| 12 | 485 | 818 | 1400 | 38 | 12 | 516 | 868 | 1485 | 43 |
| 13 | 500 | 853 | 1467 | 23 | 13 | 530 | 903 | 1553 | 26 |
| 14 | 510 | 877 | 1514 | 11 | 14 | 540 | 927 | 1601 | 12 |
| 15 | 515 | 890 | 1541 | 3 | 15 | 544 | 941 | 1629 | 3 |
| 16 | 517 | 895 | 1550 | 0 | 16 | 546 | 946 | 1638 | 0 |
| 17 | 515 | 890 | 1541 | 3 | 17 | 544 | 941 | 1629 | 3 |
| 18 | 510 | 877 | 1514 | 11 | 18 | 540 | 927 | 1601 | 12 |
| 19 | 500 | 853 | 1467 | 23 | 19 | 530 | 903 | 1553 | 26 |
| 20 | 485 | 818 | 1400 | 38 | 20 | 516 | 868 | 1485 | 43 |
| 21 | 464 | 772 | 1313 | 53 | 21 | 494 | 820 | 1394 | 60 |
| 22 | 434 | 713 | 1205 | 66 | 22 | 463 | 759 | 1281 | 74 |
| 23 | 395 | 641 | 1077 | 75 | 23 | 423 | 684 | 1147 | 84 |
| 24 | 348 | 558 | 931 | 78 | 24 | 374 | 597 | 994 | 87 |
| 25 | 294 | 466 | 774 | 75 | 25 | 317 | 499 | 828 | 84 |
| 26 | 236 | 370 | 611 | 66 | 26 | 254 | 397 | 654 | 74 |
| 27 | 176 | 274 | 451 | 53 | 27 | 190 | 295 | 484 | 60 |
| 28 | 120 | 185 | 304 | 38 | 28 | 129 | 199 | 326 | 43 |
| 29 | 70 | 109 | 178 | 23 | 29 | 76 | 117 | 191 | 26 |
| 30 | 32 | 50 | 81 | 11 | 30 | 35 | 53 | 87 | 12 |
| 31 | 8 | 12 | 20 | 3 | 31 | 9 | 13 | 22 | 3 |
| 32 | 0 | 0 | 0 | 0 | 32 | 0 | 0 | 0 | 0 |