WELDED FITTINGS BS 1640 PART 3 Α2 A2 90° ELBOW LONG RADIUS 1 90° ELBOW SIZE В С А A2 D 28.6 28.6 38.1 38.1 47.6 47.6 57.2 57.2 63.5 63.5 76.2 76.2 85.7 85.7 19 28.5 11 20 25 32 40 50 65 80 13 20.0 25.5 38 32 47.5 38 57 51 76 63.5 95 22 25 29 35 76.2 85.7 95.3 45 51 57 85.7 95.3 114.5 76 89 133.5 101.5 152.5 90 105 105 100 64 124 143 124 143 190.5 79 95 127 228.5 305 178 178 1/8 178 216 216 254 254 279 279 305 305 343 343 381 381 419 419 432 432 305 381 457 533.5 45° ELBOW 159 191 222 254 286 406.5 609.5 457 457 508 508 559 559 686 318 343 762 559 559 838 610 609.5 914 381 EQUAL TEES