

FEDERAL SUPPLY CLASS  
4730

**MA2044**  
**REV. A**

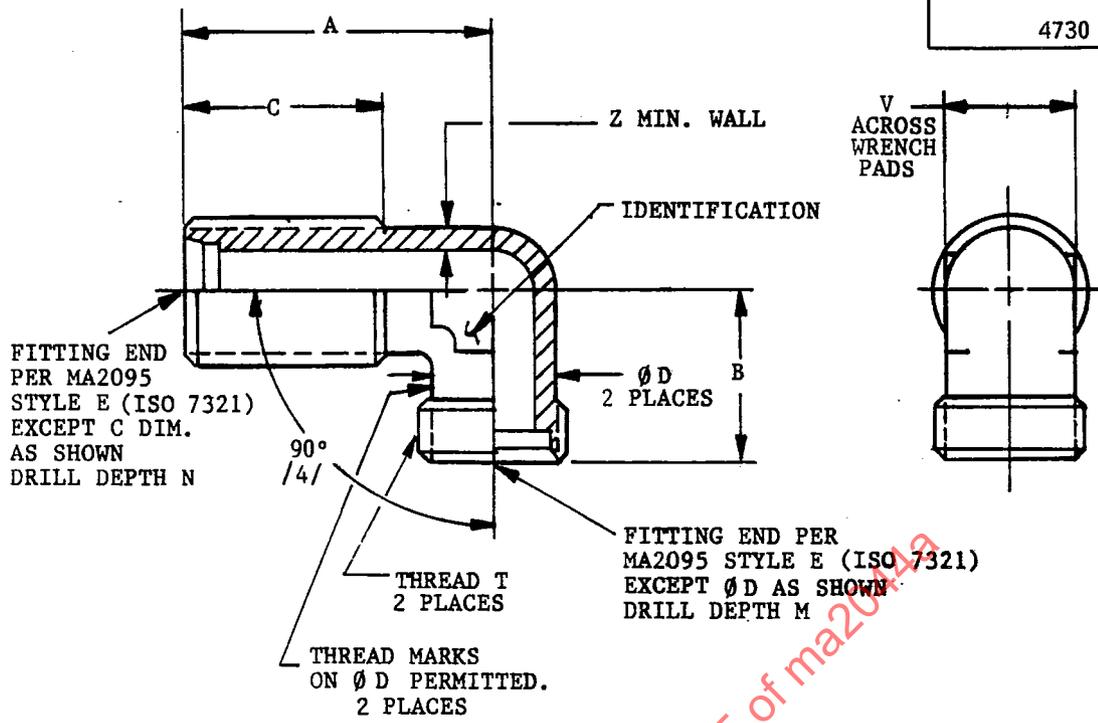


FIGURE 1 - FRONT AND SIDE VIEWS

TABLE 1 - DIMENSIONS

| PART NUMBER | TUBE SIZE DN /4/ | THREAD T MA1370 4g6g | C  |    | D   |      | M    | N    | V       | Z MIN |
|-------------|------------------|----------------------|----|----|-----|------|------|------|---------|-------|
|             |                  |                      | A  | B  | MIN | ±0.5 |      |      |         |       |
| MA2044-05   | 05               | MJ10X1               | 36 | 18 | 27  | 8    | 18.5 | 36.5 | 7-8     | 1.3   |
| MA2044-06   | 06               | MJ12X1.25            | 39 | 20 | 30  | 10   | 20.5 | 39.5 | 9-10    | 1.8   |
| MA2044-08   | 08               | MJ14X1.5             | 45 | 23 | 35  | 12   | 24.0 | 46.0 | 11-12   | 1.8   |
| MA2044-10   | 10               | MJ16X1.5             | 48 | 25 | 37  | 14   | 26.5 | 49.5 | 13-14   | 2.0   |
| MA2044-12   | 12               | MJ18X1.5             | 50 | 26 | 38  | 16   | 27.5 | 51.5 | 15-16   | 2.0   |
| MA2044-14   | 14               | MJ20X1.5             | 54 | 27 | 41  | 18   | 29.0 | 56.0 | 17-18   | 2.0   |
| MA2044-16   | 16               | MJ22X1.5             | 56 | 28 | 42  | 20   | 30.5 | 58.5 | 19-20   | 2.0   |
| MA2044-20   | 20               | MJ27X1.5             | 64 | 32 | 47  | 24   | 35.5 | 67.5 | 23-24   | 2.5   |
| MA2044-25   | 25               | MJ33X1.5             | 72 | 36 | 52  | 30   | 40.5 | 76.5 | 28.6-30 | 2.5   |
| MA2044-32   | 32               | MJ42X2               | 84 | 42 | 60  | 39   | 48.0 | 90.0 | 37.6-39 | 3.5   |

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**AEROSPACE STANDARD**

ELBOW, THIN WALL,  
90°, HIGH PROFILE, BULKHEAD,  
FLARELESS, METRIC

**MA2044**  
SHEET 1 OF 2

**REV. A**

ISSUED 1985-08 REVISED (A) 1991-10-30