



(a) DIMENSION P TO BE CONCENTRIC WITH DIMENSION Q WITHIN 0.015 FULL INDICATOR READING

TABLE I DIMENSIONS FOR "B" COUPLINGS

| TUBE DASH NO. | HOSE DASH NO. | HOSE I. D. (REF.) | NOMINAL THREAD SIZE | H     | K MIN | L MAX | M MIN | N +.030 -+.000 | P +.005 | Q MIN | C MAX | S MIN | J MIN |
|---------------|---------------|-------------------|---------------------|-------|-------|-------|-------|----------------|---------|-------|-------|-------|-------|
| -5            | -4            | 1/4               | 1/2-20              | .625  | 0.19  | .89   | 0.331 | 0.375          | 0.355   | 0.156 | 2.94  | 0.52  | .50   |
| -6            | -6            | 3/8               | 9/16-18             | .688  | 0.22  | 1.19  | 0.333 | 0.375          | 0.435   | 0.260 | 3.16  | 0.58  | .56   |
| -8            | -8            | 1/2               | 3/4-16              | .875  | 0.31  | 1.20  | 0.375 | 0.422          | 0.570   | 0.380 | 3.33  | 0.77  | .75   |
| -10           | -8            | 1/2               | 7/8-14              | 1.000 | 0.31  | 1.20  | 0.461 | 0.500          | 0.680   | 0.380 | 3.38  | 0.89  | .87   |
| -12           | -12           | 3/4               | 1-1/16-12           | 1.250 | 0.48  | 1.75  | 0.469 | 0.562          | 0.850   | 0.600 | 4.08  | 1.08  | 1.12  |

TABLE II MAXIMUM WORKING PRESSURES COUPLINGS

| HOSE I. D. (REF.) | 1/4   | 3/8 | 1/2   | 3/4   |
|-------------------|-------|-----|-------|-------|
| PRESSURES         | 5,000 |     | 3,500 | 2,250 |

OVER-TIGHT TORQUE FOR SWIVEL NUT

| DASH NO. | H. J. D. REF | TORQUE          |
|----------|--------------|-----------------|
| -5       | 1/4          | 180 INCH POUNDS |
| -6       | 3/8          | 250 INCH POUNDS |
| -8       | 1/2          | 425 INCH POUNDS |
| -10      | 5/8          | 590 INCH POUNDS |
| -12      | 3/4          | 850 INCH POUNDS |

(A) ENTIRE STANDARD REVISED

|  |   |                                      |
|--|---|--------------------------------------|
| P.A. ARMY-ME<br>Other Cust               | TITLE<br>COUPLING HOSE; FIELD ATTACHABLE (REUSEABLE),<br>HYDRAULIC, SCREW-ON, PRESSURE TYPE, FEMALE SWIVEL,<br>37° FLARE, STRAIGHT, DOUBLE WIRE BRAID HOSE. | MILITARY STANDARD<br><b>MS 39290</b> |
| PROCUREMENT SPECIFICATION<br>MIL-C-52525 | SUPERSEDES.   | SHEET 1 OF 2                         |

DD FORM 672-1

(Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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THIS MILITARY STANDARD IS MANDATORY FOR USE BY ALL DEPARTMENTS AND AGENCIES OF THE DEPARTMENT OF DEFENSE. SELECTION FOR ALL NEW ENGINEERING AND DESIGN APPLICATIONS AND FOR REPEITIVE USE SHALL BE MADE FROM THIS DOCUMENT.

APPROVED 26 AUGUST 1966 REVISED (A) 28 December 1970 (B) 25 October 1978