



SECTION A-A

TABLE I DYNAMIC OR STATIC USE

| PART NUMBER | ID IN. | | ID (mm) | | T IN. | | T (mm) | | APPROX MASS | |
|-------------|--------|-------|---------|-------|-------|-------|--------|-------|-------------|--------|
| | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | LB/100 | Kg/100 |
| MS28775-001 | 0.025 | 0.033 | 0.635 | 0.838 | 0.037 | 0.043 | 0.940 | 1.092 | .001 | .0004 |
| MS28775-002 | 0.038 | 0.046 | 0.965 | 1.168 | 0.047 | 0.053 | 1.194 | 1.346 | .003 | .0014 |
| MS28775-003 | 0.052 | 0.060 | 1.321 | 1.524 | 0.057 | 0.063 | 1.448 | 1.600 | .005 | .0023 |
| MS28775-004 | 0.065 | 0.075 | 1.65 | 1.90 | 0.067 | 0.073 | 1.702 | 1.854 | .008 | .0036 |
| MS28775-005 | 0.096 | 0.106 | 2.44 | 2.69 | 0.067 | 0.073 | 1.702 | 1.854 | .010 | .0045 |
| MS28775-006 | 0.109 | 0.119 | 2.77 | 3.02 | 0.067 | 0.073 | 1.702 | 1.854 | .010 | .0045 |
| MS28775-007 | 0.140 | 0.150 | 3.56 | 3.81 | 0.067 | 0.073 | 1.702 | 1.854 | .012 | .0054 |
| MS28775-008 | 0.171 | 0.181 | 4.34 | 4.60 | 0.067 | 0.073 | 1.702 | 1.854 | .014 | .0064 |
| MS28775-009 | 0.203 | 0.213 | 5.16 | 5.41 | 0.067 | 0.073 | 1.702 | 1.854 | .016 | .0073 |
| MS28775-010 | 0.234 | 0.244 | 5.94 | 6.20 | 0.067 | 0.073 | 1.702 | 1.854 | .017 | .0077 |
| MS28775-011 | 0.296 | 0.306 | 7.52 | 7.77 | 0.067 | 0.073 | 1.702 | 1.854 | .021 | .0095 |
| MS28775-012 | 0.359 | 0.369 | 9.12 | 9.37 | 0.067 | 0.073 | 1.702 | 1.854 | .024 | .011 |
| MS28775-110 | 0.357 | 0.367 | 9.07 | 9.32 | 0.100 | 0.106 | 2.540 | 2.692 | .056 | .025 |
| MS28775-111 | 0.419 | 0.429 | 10.64 | 10.90 | 0.100 | 0.106 | 2.540 | 2.692 | .063 | .029 |
| MS28775-112 | 0.482 | 0.492 | 12.24 | 12.50 | 0.100 | 0.106 | 2.540 | 2.692 | .071 | .032 |
| MS28775-113 | 0.544 | 0.554 | 13.82 | 14.07 | 0.100 | 0.106 | 2.540 | 2.692 | .079 | .036 |
| MS28775-114 | 0.607 | 0.617 | 15.42 | 15.67 | 0.100 | 0.106 | 2.540 | 2.692 | .086 | .039 |
| MS28775-115 | 0.669 | 0.679 | 16.99 | 17.25 | 0.100 | 0.106 | 2.540 | 2.692 | .093 | .042 |
| MS28775-116 | 0.732 | 0.742 | 18.59 | 18.85 | 0.100 | 0.106 | 2.540 | 2.692 | .101 | .046 |
| MS28775-210 | 0.728 | 0.740 | 18.49 | 18.80 | 0.135 | 0.143 | 3.429 | 3.632 | .191 | .087 |
| MS28775-211 | 0.790 | 0.802 | 20.07 | 20.37 | 0.135 | 0.143 | 3.429 | 3.632 | .205 | .093 |
| MS28775-212 | 0.853 | 0.865 | 21.67 | 21.97 | 0.135 | 0.143 | 3.429 | 3.632 | .219 | .099 |
| MS28775-213 | 0.915 | 0.927 | 23.24 | 23.55 | 0.135 | 0.143 | 3.429 | 3.632 | .232 | .105 |
| MS28775-214 | 0.978 | 0.990 | 24.84 | 25.15 | 0.135 | 0.143 | 3.429 | 3.632 | .246 | .112 |
| MS28775-215 | 1.040 | 1.052 | 26.42 | 26.72 | 0.135 | 0.143 | 3.429 | 3.632 | .260 | .118 |
| MS28775-216 | 1.103 | 1.115 | 28.02 | 28.32 | 0.135 | 0.143 | 3.429 | 3.632 | .274 | .124 |
| MS28775-217 | 1.165 | 1.177 | 29.59 | 29.90 | 0.135 | 0.143 | 3.429 | 3.632 | .287 | .130 |
| MS28775-218 | 1.228 | 1.240 | 31.19 | 31.50 | 0.135 | 0.143 | 3.429 | 3.632 | .302 | .137 |
| MS28775-219 | 1.290 | 1.302 | 32.77 | 33.07 | 0.135 | 0.143 | 3.429 | 3.632 | .315 | .143 |
| MS28775-220 | 1.353 | 1.365 | 34.37 | 34.67 | 0.135 | 0.143 | 3.429 | 3.632 | .328 | .149 |
| MS28775-221 | 1.415 | 1.427 | 35.94 | 36.25 | 0.135 | 0.143 | 3.429 | 3.632 | .342 | .155 |
| MS28775-222 | 1.478 | 1.490 | 37.54 | 37.85 | 0.135 | 0.143 | 3.429 | 3.632 | .356 | .161 |
| MS28775-325 | 1.465 | 1.485 | 37.21 | 37.72 | 0.205 | 0.215 | 5.21 | 5.46 | .843 | .382 |
| MS28775-326 | 1.590 | 1.610 | 40.39 | 40.89 | 0.205 | 0.215 | 5.21 | 5.46 | .906 | .411 |
| MS28775-327 | 1.715 | 1.735 | 43.56 | 44.07 | 0.205 | 0.215 | 5.21 | 5.46 | .969 | .440 |
| MS28775-328 | 1.840 | 1.860 | 46.74 | 47.24 | 0.205 | 0.215 | 5.21 | 5.46 | 1.031 | .468 |
| MS28775-329 | 1.965 | 1.985 | 49.91 | 50.42 | 0.205 | 0.215 | 5.21 | 5.46 | 1.094 | .496 |
| MS28775-330 | 2.090 | 2.110 | 53.09 | 53.59 | 0.205 | 0.215 | 5.21 | 5.46 | 1.156 | .524 |
| MS28775-331 | 2.215 | 2.235 | 56.26 | 56.77 | 0.205 | 0.215 | 5.21 | 5.46 | 1.219 | .553 |
| MS28775-332 | 2.340 | 2.360 | 59.44 | 59.94 | 0.205 | 0.215 | 5.21 | 5.46 | 1.282 | .582 |
| MS28775-333 | 2.465 | 2.485 | 62.61 | 63.12 | 0.205 | 0.215 | 5.21 | 5.46 | 1.344 | .610 |
| MS28775-334 | 2.590 | 2.610 | 65.79 | 66.29 | 0.205 | 0.215 | 5.21 | 5.46 | 1.407 | .638 |
| MS28775-335 | 2.715 | 2.740 | 68.83 | 69.60 | 0.205 | 0.215 | 5.21 | 5.46 | 1.469 | .666 |
| MS28775-336 | 2.835 | 2.865 | 72.01 | 72.77 | 0.205 | 0.215 | 5.21 | 5.46 | 1.532 | .695 |
| MS28775-337 | 2.960 | 2.990 | 75.18 | 75.95 | 0.205 | 0.215 | 5.21 | 5.46 | 1.594 | .723 |
| MS28775-338 | 3.085 | 3.115 | 78.36 | 79.12 | 0.205 | 0.215 | 5.21 | 5.46 | 1.657 | .752 |
| MS28775-339 | 3.210 | 3.240 | 81.53 | 82.30 | 0.205 | 0.215 | 5.21 | 5.46 | 1.719 | .780 |
| MS28775-340 | 3.335 | 3.365 | 84.71 | 85.47 | 0.205 | 0.215 | 5.21 | 5.46 | 1.782 | .808 |

(E) ENTIRE STANDARD REVISED

| | | | |
|---|--|--|-------------------|
| P.A. AIR FORCE Other Cast ARMY-AV NAVY-AS AF-99 | INTERNATIONAL INTEREST ABC 17/27 (E) | TITLE | MILITARY STANDARD |
| | | PACKING, PREFORMED, HYDRAULIC, +275°F (°O°RING) | MS 28775 |
| PROCUREMENT SPECIFICATION MIL-P-25732 | SUPERSEDES: MS28784 | SHEET 1 OF 7 | |

APPROVED 12 JUL 57 REVISED (A) 23 JUN 59 (B) 6 JUL 65 (C) 22 AUG 68 (D) 1 SEP 75 (E) 23 MAR 84

Review activities: ARMY-MI, AR AIR FORCE-11 DSA-1S
 Dear activities: DSA-CS, ARMY-AT

TABLE I DYNAMIC OR STATIC USE

| PART NUMBER | ID IN. | | ID (mm) | | T IN. | | T (mm) | | APPROX MASS | |
|-------------|--------|--------|---------|--------|-------|-------|--------|------|-------------|--------|
| | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | LB/100 | Kg/100 |
| MS28775-341 | 3.460 | 3.490 | 87.88 | 88.65 | 0.205 | 0.215 | 5.21 | 5.46 | 1.845 | .837 |
| MS28775-342 | 3.585 | 3.615 | 91.06 | 91.82 | 0.205 | 0.215 | 5.21 | 5.46 | 1.907 | .865 |
| MS28775-343 | 3.710 | 3.740 | 94.23 | 95.00 | 0.205 | 0.215 | 5.21 | 5.46 | 1.970 | .894 |
| MS28775-344 | 3.835 | 3.865 | 97.41 | 98.17 | 0.205 | 0.215 | 5.21 | 5.46 | 2.032 | .922 |
| MS28775-345 | 3.960 | 3.990 | 100.58 | 101.35 | 0.205 | 0.215 | 5.21 | 5.46 | 2.095 | .950 |
| MS28775-346 | 4.085 | 4.115 | 103.76 | 104.52 | 0.205 | 0.215 | 5.21 | 5.46 | 2.157 | .978 |
| MS28775-347 | 4.210 | 4.240 | 106.93 | 107.70 | 0.205 | 0.215 | 5.21 | 5.46 | 2.220 | 1.007 |
| MS28775-348 | 4.335 | 4.365 | 110.11 | 110.87 | 0.205 | 0.215 | 5.21 | 5.46 | 2.282 | 1.035 |
| MS28775-349 | 4.460 | 4.490 | 113.28 | 114.05 | 0.205 | 0.215 | 5.21 | 5.46 | 2.345 | 1.064 |
| MS28775-425 | 4.460 | 4.490 | 113.28 | 114.05 | 0.269 | 0.281 | 6.83 | 7.14 | 4.077 | 1.849 |
| MS28775-426 | 4.585 | 4.615 | 116.46 | 117.22 | 0.269 | 0.281 | 6.83 | 7.14 | 4.185 | 1.898 |
| MS28775-427 | 4.710 | 4.740 | 119.63 | 120.40 | 0.269 | 0.281 | 6.83 | 7.14 | 4.292 | 1.947 |
| MS28775-428 | 4.835 | 4.865 | 122.81 | 123.57 | 0.269 | 0.281 | 6.83 | 7.14 | 4.399 | 1.995 |
| MS28775-429 | 4.960 | 4.990 | 125.98 | 126.75 | 0.269 | 0.281 | 6.83 | 7.14 | 4.506 | 2.044 |
| MS28775-430 | 5.077 | 5.123 | 128.96 | 130.12 | 0.269 | 0.281 | 6.83 | 7.14 | 4.614 | 2.093 |
| MS28775-431 | 5.202 | 5.248 | 132.13 | 133.30 | 0.269 | 0.281 | 6.83 | 7.14 | 4.721 | 2.141 |
| MS28775-432 | 5.327 | 5.373 | 135.31 | 136.47 | 0.269 | 0.281 | 6.83 | 7.14 | 4.828 | 2.190 |
| MS28775-433 | 5.452 | 5.498 | 138.48 | 139.65 | 0.269 | 0.281 | 6.83 | 7.14 | 4.935 | 2.239 |
| MS28775-434 | 5.577 | 5.623 | 141.66 | 142.82 | 0.269 | 0.281 | 6.83 | 7.14 | 5.042 | 2.287 |
| MS28775-435 | 5.702 | 5.748 | 144.83 | 146.00 | 0.269 | 0.281 | 6.83 | 7.14 | 5.150 | 2.336 |
| MS28775-436 | 5.827 | 5.873 | 148.01 | 149.17 | 0.269 | 0.281 | 6.83 | 7.14 | 5.257 | 2.395 |
| MS28775-437 | 5.952 | 5.998 | 151.18 | 152.35 | 0.269 | 0.281 | 6.83 | 7.14 | 5.364 | 2.433 |
| MS28775-438 | 6.202 | 6.248 | 157.53 | 158.70 | 0.269 | 0.281 | 6.83 | 7.14 | 5.579 | 2.531 |
| MS28775-439 | 6.452 | 6.498 | 163.88 | 165.06 | 0.269 | 0.281 | 6.83 | 7.14 | 5.794 | 2.628 |
| MS28775-440 | 6.702 | 6.748 | 170.23 | 171.40 | 0.269 | 0.281 | 6.83 | 7.14 | 6.008 | 2.725 |
| MS28775-441 | 6.952 | 6.998 | 176.58 | 177.75 | 0.269 | 0.281 | 6.83 | 7.14 | 6.223 | 2.823 |
| MS28775-442 | 7.195 | 7.255 | 182.75 | 184.28 | 0.269 | 0.281 | 6.83 | 7.14 | 6.438 | 2.920 |
| MS28775-443 | 7.445 | 7.505 | 189.10 | 190.63 | 0.269 | 0.281 | 6.83 | 7.14 | 6.652 | 3.017 |
| MS28775-444 | 7.695 | 7.755 | 195.45 | 196.98 | 0.269 | 0.281 | 6.83 | 7.14 | 6.867 | 3.115 |
| MS28775-445 | 7.945 | 8.005 | 201.80 | 203.33 | 0.269 | 0.281 | 6.83 | 7.14 | 7.081 | 3.212 |
| MS28775-446 | 8.445 | 8.505 | 214.50 | 216.03 | 0.269 | 0.281 | 6.83 | 7.14 | 7.510 | 3.407 |
| MS28775-447 | 8.945 | 9.005 | 227.20 | 228.73 | 0.269 | 0.281 | 6.83 | 7.14 | 7.940 | 3.602 |
| MS28775-448 | 9.445 | 9.505 | 239.90 | 241.43 | 0.269 | 0.281 | 6.83 | 7.14 | 8.369 | 3.796 |
| MS28775-449 | 9.945 | 10.005 | 252.60 | 254.13 | 0.269 | 0.281 | 6.83 | 7.14 | 8.798 | 3.991 |
| MS28775-450 | 10.445 | 10.505 | 265.30 | 266.83 | 0.269 | 0.281 | 6.83 | 7.14 | 9.227 | 4.185 |
| MS28775-451 | 10.945 | 11.005 | 278.00 | 279.53 | 0.269 | 0.281 | 6.83 | 7.14 | 9.656 | 4.380 |
| MS28775-452 | 11.445 | 11.505 | 290.70 | 292.23 | 0.269 | 0.281 | 6.83 | 7.14 | 10.086 | 4.575 |
| MS28775-453 | 11.945 | 12.005 | 303.40 | 304.93 | 0.269 | 0.281 | 6.83 | 7.14 | 10.515 | 4.770 |
| MS28775-454 | 12.445 | 12.505 | 316.10 | 317.63 | 0.269 | 0.281 | 6.83 | 7.14 | 10.944 | 4.964 |
| MS28775-455 | 12.945 | 13.005 | 328.80 | 330.33 | 0.269 | 0.281 | 6.83 | 7.14 | 11.373 | 5.159 |
| MS28775-456 | 13.445 | 13.505 | 341.50 | 343.03 | 0.269 | 0.281 | 6.83 | 7.14 | 11.802 | 5.353 |
| MS28775-457 | 13.945 | 14.005 | 354.20 | 355.73 | 0.269 | 0.281 | 6.83 | 7.14 | 12.231 | 5.548 |
| MS28775-458 | 14.445 | 14.505 | 366.90 | 368.43 | 0.269 | 0.281 | 6.83 | 7.14 | 12.660 | 5.742 |
| MS28775-459 | 14.945 | 15.005 | 379.60 | 381.13 | 0.269 | 0.281 | 6.83 | 7.14 | 13.090 | 5.933 |
| MS28775-460 | 15.445 | 15.505 | 392.30 | 393.83 | 0.269 | 0.281 | 6.83 | 7.14 | 13.519 | 6.132 |

User activities: DSA-CS
 ARMY-AT
 Review activities: ARMY - MI, AR
 AIR FORCE-11
 DSA - IS

This military standard is approved by the Department and Agencies of the Department of Defense. Sections for all new engineering and design applications and for repetitive use shall be made from this document.

APPROVED 12 JUL 57 REVISED (E) FOR CHANGES SEE PAGES 1 THRU 7.

(E) ENTIRE STANDARD REVISED

| | | | |
|---|---|---|--------------------------|
| P.A. AIR FORCE-82 Other Cast ARMY - AV NAVY - AS AF - 99 | INTERNATIONAL INTEREST BY ABCC 17/87 | TITLE PACKING, PREFORMED, HYDRAULIC, + 275° F (°O° RING) | MILITARY STANDARD |
| | (E) | SUPERSEDES: MS28784 | MS28775 |
| PROCUREMENT SPECIFICATION MIL-P-26752 | | SHEET 2 OF 7 | |

TABLE H DYNAMIC OR STATIC USE (SEE NOTE 5)

| PART NUMBER | ID IN. | | ID (mm) | | T IN. | | T (mm) | | APPROX MASS | |
|-------------|--------|-------|---------|-------|-------|-------|--------|-------|-------------|--------|
| | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | LB/ 100 | Kg/100 |
| MS28775-102 | 0.044 | 0.054 | 1.12 | 1.37 | 0.100 | 0.106 | 2.540 | 2.692 | .018 | .008 |
| MS28775-103 | 0.076 | 0.086 | 1.93 | 2.18 | 0.100 | 0.106 | 2.540 | 2.692 | .022 | .010 |
| MS28775-104 | 0.107 | 0.117 | 2.72 | 2.97 | 0.100 | 0.106 | 2.540 | 2.692 | .026 | .012 |
| MS28775-105 | 0.138 | 0.148 | 3.51 | 3.76 | 0.100 | 0.106 | 2.540 | 2.692 | .029 | .013 |
| MS28775-106 | 0.169 | 0.179 | 4.29 | 4.55 | 0.100 | 0.106 | 2.540 | 2.692 | .034 | .015 |
| MS28775-107 | 0.201 | 0.211 | 5.11 | 5.36 | 0.100 | 0.106 | 2.540 | 2.692 | .037 | .017 |
| MS28775-108 | 0.232 | 0.242 | 5.89 | 6.15 | 0.100 | 0.106 | 2.540 | 2.692 | .041 | .019 |
| MS28775-109 | 0.294 | 0.304 | 7.47 | 7.72 | 0.100 | 0.106 | 2.540 | 2.692 | .048 | .022 |
| MS28775-201 | 0.166 | 0.176 | 4.22 | 4.47 | 0.135 | 0.143 | 3.429 | 3.632 | .068 | .031 |
| MS28775-202 | 0.229 | 0.239 | 5.82 | 6.07 | 0.135 | 0.143 | 3.429 | 3.632 | .082 | .037 |
| MS28775-203 | 0.291 | 0.301 | 7.39 | 7.65 | 0.135 | 0.143 | 3.429 | 3.632 | .095 | .043 |
| MS28775-204 | 0.354 | 0.364 | 8.99 | 9.25 | 0.135 | 0.143 | 3.429 | 3.632 | .109 | .049 |
| MS28775-205 | 0.416 | 0.426 | 10.57 | 10.82 | 0.135 | 0.143 | 3.429 | 3.632 | .123 | .056 |
| MS28775-206 | 0.479 | 0.489 | 12.17 | 12.42 | 0.135 | 0.143 | 3.429 | 3.632 | .137 | .062 |
| MS28775-207 | 0.541 | 0.551 | 13.74 | 14.00 | 0.135 | 0.143 | 3.429 | 3.632 | .150 | .068 |
| MS28775-208 | 0.604 | 0.614 | 15.34 | 15.60 | 0.135 | 0.143 | 3.429 | 3.632 | .164 | .074 |
| MS28775-209 | 0.666 | 0.676 | 16.92 | 17.17 | 0.135 | 0.143 | 3.429 | 3.632 | .178 | .081 |
| MS28775-309 | 0.407 | 0.417 | 10.34 | 10.59 | 0.205 | 0.215 | 5.21 | 5.46 | .311 | .141 |
| MS28775-310 | 0.470 | 0.480 | 11.94 | 12.19 | 0.205 | 0.215 | 5.21 | 5.46 | .343 | .155 |
| MS28775-311 | 0.532 | 0.542 | 13.51 | 13.77 | 0.205 | 0.215 | 5.21 | 5.46 | .374 | .170 |
| MS28775-312 | 0.595 | 0.605 | 15.11 | 15.37 | 0.205 | 0.215 | 5.21 | 5.46 | .405 | .184 |
| MS28775-313 | 0.657 | 0.667 | 16.69 | 16.94 | 0.205 | 0.215 | 5.21 | 5.46 | .436 | .198 |
| MS28775-314 | 0.719 | 0.731 | 18.26 | 18.57 | 0.205 | 0.215 | 5.21 | 5.46 | .468 | .212 |
| MS28775-315 | 0.781 | 0.793 | 19.84 | 20.14 | 0.205 | 0.215 | 5.21 | 5.46 | .499 | .226 |
| MS28775-316 | 0.844 | 0.856 | 21.44 | 21.74 | 0.205 | 0.215 | 5.21 | 5.46 | .530 | .241 |
| MS28775-317 | 0.906 | 0.918 | 23.01 | 23.32 | 0.205 | 0.215 | 5.21 | 5.46 | .562 | .255 |
| MS28775-318 | 0.969 | 0.981 | 24.61 | 24.92 | 0.205 | 0.215 | 5.21 | 5.46 | .593 | .269 |
| MS28775-319 | 1.031 | 1.043 | 26.19 | 26.49 | 0.205 | 0.215 | 5.21 | 5.46 | .624 | .283 |
| MS28775-320 | 1.094 | 1.106 | 27.79 | 28.09 | 0.205 | 0.215 | 5.21 | 5.46 | .656 | .297 |
| MS28775-321 | 1.156 | 1.168 | 29.36 | 29.67 | 0.205 | 0.215 | 5.21 | 5.46 | .687 | .312 |
| MS28775-322 | 1.219 | 1.231 | 30.96 | 31.27 | 0.205 | 0.215 | 5.21 | 5.46 | .718 | .326 |
| MS28775-323 | 1.281 | 1.293 | 32.54 | 32.84 | 0.205 | 0.215 | 5.21 | 5.46 | .749 | .340 |
| MS28775-324 | 1.344 | 1.356 | 34.14 | 34.44 | 0.205 | 0.215 | 5.21 | 5.46 | .781 | .354 |

User activities: DSA-CS
ARMY-AT

Review activities: ARMY-MI, AR
AIR FORCE-11
DSA-IS

This military standard is approved by the Department and Agencies of the Government or Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

(E) ENTIRE STANDARD REVISED

| | | | |
|---|------------------------|---|-------------------|
| P.A. AIR FORCE-02 Other Code ARMY-AV NAVY-AS AF-00 | INTERNATIONAL INTEREST | TITLE | MILITARY STANDARD |
| | ABCC 17/87 (E) | PACKING, PREFORMED, HYDRAULIC, + 250° F ("O" RING) | MS28775 |
| PROCUREMENT SPECIFICATION MIL-P-28732 | SUPERSEDES: | MS28784 | SHEET 3 OF 7 |

APPROVED 12 JUL 57 REVISED (E) FOR CHANGES SEE PAGES 1 THRU 7

TABLE III STATIC USE ONLY (SEE NOTE 1)

| PART NUMBER | ID IN. | | ID (mm) | | T IN. | | T (mm) | | APPROX MASS | |
|-------------|--------|-------|---------|-------|-------|-------|--------|-------|-------------|--------|
| | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | LB/100 | Kg/100 |
| MS28775-013 | 0.421 | 0.431 | 10.69 | 10.95 | 0.067 | 0.073 | 1.702 | 1.854 | .028 | .013 |
| MS28775-014 | 0.484 | 0.494 | 12.29 | 12.55 | 0.067 | 0.073 | 1.702 | 1.854 | .031 | .014 |
| MS28775-015 | 0.546 | 0.556 | 13.87 | 14.12 | 0.067 | 0.073 | 1.702 | 1.854 | .034 | .015 |
| MS28775-016 | 0.609 | 0.619 | 15.47 | 15.72 | 0.067 | 0.073 | 1.702 | 1.854 | .038 | .017 |
| MS28775-017 | 0.671 | 0.681 | 17.04 | 17.30 | 0.067 | 0.073 | 1.702 | 1.854 | .041 | .019 |
| MS28775-018 | 0.734 | 0.744 | 18.64 | 18.90 | 0.067 | 0.073 | 1.702 | 1.854 | .045 | .020 |
| MS28775-019 | 0.795 | 0.807 | 20.19 | 20.50 | 0.067 | 0.073 | 1.702 | 1.854 | .048 | .022 |
| MS28775-020 | 0.858 | 0.870 | 21.79 | 22.10 | 0.067 | 0.073 | 1.702 | 1.854 | .052 | .024 |
| MS28775-021 | 0.920 | 0.932 | 23.37 | 23.67 | 0.067 | 0.073 | 1.702 | 1.854 | .055 | .025 |
| MS28775-022 | 0.983 | 0.995 | 24.97 | 25.27 | 0.067 | 0.073 | 1.702 | 1.854 | .059 | .027 |
| MS28775-023 | 1.045 | 1.057 | 26.54 | 26.85 | 0.067 | 0.073 | 1.702 | 1.854 | .062 | .028 |
| MS28775-024 | 1.108 | 1.120 | 28.14 | 28.45 | 0.067 | 0.073 | 1.702 | 1.854 | .066 | .030 |
| MS28775-025 | 1.170 | 1.182 | 29.72 | 30.02 | 0.067 | 0.073 | 1.702 | 1.854 | .069 | .031 |
| MS28775-026 | 1.233 | 1.245 | 31.32 | 31.62 | 0.067 | 0.073 | 1.702 | 1.854 | .073 | .033 |
| MS28775-027 | 1.295 | 1.307 | 32.89 | 33.20 | 0.067 | 0.073 | 1.702 | 1.854 | .076 | .034 |
| MS28775-028 | 1.358 | 1.370 | 34.49 | 34.80 | 0.067 | 0.073 | 1.702 | 1.854 | .080 | .036 |
| MS28775-117 | 0.793 | 0.805 | 20.14 | 20.45 | 0.100 | 0.106 | 2.540 | 2.692 | .108 | .049 |
| MS28775-118 | 0.856 | 0.868 | 21.74 | 22.05 | 0.100 | 0.106 | 2.540 | 2.692 | .116 | .053 |
| MS28775-119 | 0.918 | 0.930 | 23.32 | 23.62 | 0.100 | 0.106 | 2.540 | 2.692 | .124 | .056 |
| MS28775-120 | 0.981 | 0.993 | 24.92 | 25.22 | 0.100 | 0.106 | 2.540 | 2.692 | .131 | .059 |
| MS28775-121 | 1.043 | 1.055 | 26.49 | 26.80 | 0.100 | 0.106 | 2.540 | 2.692 | .139 | .063 |
| MS28775-122 | 1.106 | 1.118 | 28.09 | 28.40 | 0.100 | 0.106 | 2.540 | 2.692 | .146 | .066 |
| MS28775-123 | 1.168 | 1.180 | 29.67 | 29.97 | 0.100 | 0.106 | 2.540 | 2.692 | .154 | .070 |
| MS28775-124 | 1.231 | 1.243 | 31.27 | 31.57 | 0.100 | 0.106 | 2.540 | 2.692 | .161 | .073 |
| MS28775-125 | 1.293 | 1.305 | 32.84 | 33.15 | 0.100 | 0.106 | 2.540 | 2.692 | .169 | .077 |
| MS28775-126 | 1.356 | 1.368 | 34.44 | 34.75 | 0.100 | 0.106 | 2.540 | 2.692 | .176 | .080 |
| MS28775-127 | 1.418 | 1.430 | 36.02 | 36.32 | 0.100 | 0.106 | 2.540 | 2.692 | .184 | .083 |
| MS28775-128 | 1.481 | 1.493 | 37.62 | 37.92 | 0.100 | 0.106 | 2.540 | 2.692 | .191 | .087 |
| MS28775-129 | 1.543 | 1.555 | 39.09 | 39.60 | 0.100 | 0.106 | 2.540 | 2.692 | .199 | .090 |
| MS28775-130 | 1.602 | 1.622 | 40.69 | 41.20 | 0.100 | 0.106 | 2.540 | 2.692 | .207 | .094 |
| MS28775-131 | 1.664 | 1.684 | 42.27 | 42.77 | 0.100 | 0.106 | 2.540 | 2.692 | .214 | .097 |
| MS28775-132 | 1.727 | 1.747 | 43.87 | 44.37 | 0.100 | 0.106 | 2.540 | 2.692 | .222 | .101 |
| MS28775-133 | 1.789 | 1.809 | 45.44 | 45.95 | 0.100 | 0.106 | 2.540 | 2.692 | .230 | .104 |
| MS28775-134 | 1.852 | 1.872 | 47.04 | 47.55 | 0.100 | 0.106 | 2.540 | 2.692 | .236 | .107 |
| MS28775-135 | 1.915 | 1.935 | 48.64 | 49.15 | 0.100 | 0.106 | 2.540 | 2.692 | .244 | .111 |
| MS28775-136 | 1.977 | 1.997 | 50.22 | 50.72 | 0.100 | 0.106 | 2.540 | 2.692 | .252 | .114 |
| MS28775-137 | 2.040 | 2.060 | 51.82 | 52.32 | 0.100 | 0.106 | 2.540 | 2.692 | .259 | .117 |
| MS28775-138 | 2.102 | 2.122 | 53.39 | 53.90 | 0.100 | 0.106 | 2.540 | 2.692 | .267 | .121 |
| MS28775-139 | 2.165 | 2.185 | 54.99 | 55.50 | 0.100 | 0.106 | 2.540 | 2.692 | .274 | .124 |
| MS28775-140 | 2.227 | 2.247 | 56.57 | 57.07 | 0.100 | 0.106 | 2.540 | 2.692 | .282 | .128 |
| MS28775-141 | 2.290 | 2.310 | 58.17 | 58.67 | 0.100 | 0.106 | 2.540 | 2.692 | .289 | .131 |
| MS28775-142 | 2.352 | 2.372 | 59.74 | 60.25 | 0.100 | 0.106 | 2.540 | 2.692 | .297 | .135 |
| MS28775-143 | 2.415 | 2.435 | 61.34 | 61.85 | 0.100 | 0.106 | 2.540 | 2.692 | .304 | .138 |
| MS28775-144 | 2.477 | 2.497 | 62.92 | 63.42 | 0.100 | 0.106 | 2.540 | 2.692 | .312 | .142 |
| MS28775-145 | 2.540 | 2.560 | 64.52 | 65.02 | 0.100 | 0.106 | 2.540 | 2.692 | .319 | .145 |
| MS28775-146 | 2.602 | 2.622 | 66.09 | 66.60 | 0.100 | 0.106 | 2.540 | 2.692 | .327 | .148 |
| MS28775-147 | 2.660 | 2.690 | 67.56 | 68.33 | 0.100 | 0.106 | 2.540 | 2.692 | .334 | .152 |
| MS28775-148 | 2.722 | 2.752 | 69.14 | 69.90 | 0.100 | 0.106 | 2.540 | 2.692 | .342 | .155 |
| MS28775-149 | 2.785 | 2.815 | 70.74 | 71.50 | 0.100 | 0.106 | 2.540 | 2.692 | .350 | .159 |
| MS28775-223 | 1.599 | 1.619 | 40.61 | 41.12 | 0.135 | 0.143 | 3.429 | 3.632 | .383 | .174 |
| MS28775-224 | 1.724 | 1.744 | 43.79 | 44.30 | 0.135 | 0.143 | 3.429 | 3.632 | .411 | .186 |
| MS28775-225 | 1.849 | 1.869 | 46.96 | 47.47 | 0.135 | 0.143 | 3.429 | 3.632 | .438 | .199 |
| MS28775-226 | 1.974 | 1.994 | 50.14 | 50.65 | 0.135 | 0.143 | 3.429 | 3.632 | .466 | .211 |
| MS28775-227 | 2.099 | 2.119 | 53.31 | 53.82 | 0.135 | 0.143 | 3.429 | 3.632 | .493 | .224 |
| MS28775-228 | 2.224 | 2.244 | 56.49 | 57.00 | 0.135 | 0.143 | 3.429 | 3.632 | .529 | .240 |
| MS28775-229 | 2.349 | 2.369 | 59.66 | 60.17 | 0.135 | 0.143 | 3.429 | 3.632 | .543 | .249 |
| MS28775-230 | 2.474 | 2.494 | 62.84 | 63.35 | 0.135 | 0.143 | 3.429 | 3.632 | .575 | .261 |
| MS28775-231 | 2.599 | 2.619 | 66.01 | 66.52 | 0.135 | 0.143 | 3.429 | 3.632 | .603 | .274 |
| MS28775-232 | 2.719 | 2.749 | 69.06 | 69.82 | 0.135 | 0.143 | 3.429 | 3.632 | .630 | .286 |
| MS28775-233 | 2.844 | 2.874 | 72.24 | 73.00 | 0.135 | 0.143 | 3.429 | 3.632 | .657 | .298 |
| MS28775-234 | 2.969 | 2.999 | 75.41 | 76.17 | 0.135 | 0.143 | 3.429 | 3.632 | .685 | .311 |
| MS28775-235 | 3.094 | 3.124 | 78.59 | 79.35 | 0.135 | 0.143 | 3.429 | 3.632 | .712 | .323 |
| MS28775-236 | 3.219 | 3.249 | 81.76 | 82.52 | 0.135 | 0.143 | 3.429 | 3.632 | .740 | .336 |
| MS28775-237 | 3.344 | 3.374 | 84.94 | 85.70 | 0.135 | 0.143 | 3.429 | 3.632 | .767 | .348 |
| MS28775-238 | 3.469 | 3.499 | 88.11 | 88.87 | 0.135 | 0.143 | 3.429 | 3.632 | .794 | .360 |

User activities: DSA-CS
ARMY-AT

Review activities: ARMY-MI, AR
AIR FORCE - I
DSA - IS

This military standard is approved by the Department and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

ENTIRE STANDARD REVISED

APPROVED 12 JUL 57 REVISED FOR CHANGES SEE PAGES 1 THRU 7.

| | | | | |
|---|---|--|--------------------------|--|
| P.A. AIR FORCE - 92 Other Cast ARMY - AV NAVY - AB AF - 99 | INTERNATIONAL INTEREST ASCC 17/27 E | TITLE PACKING, PREFORMED, HYDRAULIC, +275° F (°O RING) | MILITARY STANDARD | |
| | | | MS 28775 | |
| PROCUREMENT SPECIFICATION MIL-P-25732 | | SUPERSEDES: MS28784 | SHEET 4 OF 7 | |

TABLE III STATIC USE ONLY (SEE NOTE 1)

| PART NUMBER | ID IN. | | ID (mm) | | T IN. | | T (mm) | | APPROX MASS | |
|-------------|--------|-------|---------|--------|-------|-------|--------|-------|-------------|--------|
| | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | LB/100 | Kg/100 |
| MS28775-239 | 3.594 | 3.624 | 91.29 | 92.05 | 0.135 | 0.143 | 3.429 | 3.632 | .822 | .373 |
| MS28775-240 | 3.719 | 3.749 | 94.46 | 95.22 | 0.135 | 0.143 | 3.429 | 3.632 | .849 | .385 |
| MS28775-241 | 3.844 | 3.874 | 97.64 | 98.40 | 0.135 | 0.143 | 3.429 | 3.632 | .877 | .398 |
| MS28775-242 | 3.969 | 3.999 | 100.81 | 101.57 | 0.135 | 0.143 | 3.429 | 3.632 | .904 | .410 |
| MS28775-243 | 4.094 | 4.124 | 103.99 | 104.75 | 0.135 | 0.143 | 3.429 | 3.632 | .932 | .423 |
| MS28775-244 | 4.219 | 4.249 | 107.16 | 107.92 | 0.135 | 0.143 | 3.429 | 3.632 | .959 | .435 |
| MS28775-245 | 4.344 | 4.374 | 110.34 | 111.10 | 0.135 | 0.143 | 3.429 | 3.632 | .986 | .447 |
| MS28775-246 | 4.469 | 4.499 | 113.51 | 114.27 | 0.135 | 0.143 | 3.429 | 3.632 | 1.014 | .460 |
| MS28775-247 | 4.594 | 4.624 | 116.69 | 117.45 | 0.135 | 0.143 | 3.429 | 3.632 | 1.041 | .472 |

TABLE III STATIC USE ONLY (SEE NOTE 5)

| PART NUMBER | ID - IN. | | ID - (mm) | | T - IN. | | T - (mm) | | APPROX MASS | |
|-------------|----------|-------|-----------|--------|---------|-------|----------|-------|-------------|--------|
| | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | LB/100 | Kg/100 |
| MS28775-029 | 1.479 | 1.499 | 37.57 | 38.07 | 0.067 | 0.073 | 1.702 | 1.854 | .086 | .039 |
| MS28775-030 | 1.604 | 1.624 | 40.74 | 41.25 | 0.067 | 0.073 | 1.702 | 1.854 | .094 | .043 |
| MS28775-031 | 1.729 | 1.749 | 43.92 | 44.42 | 0.067 | 0.073 | 1.702 | 1.854 | .101 | .046 |
| MS28775-032 | 1.854 | 1.874 | 47.09 | 47.60 | 0.067 | 0.073 | 1.702 | 1.854 | .108 | .049 |
| MS28775-033 | 1.979 | 1.999 | 50.27 | 50.77 | 0.067 | 0.073 | 1.702 | 1.854 | .114 | .052 |
| MS28775-034 | 2.104 | 2.124 | 53.44 | 53.95 | 0.067 | 0.073 | 1.702 | 1.854 | .121 | .055 |
| MS28775-035 | 2.229 | 2.249 | 56.62 | 57.12 | 0.067 | 0.073 | 1.702 | 1.854 | .128 | .058 |
| MS28775-036 | 2.354 | 2.374 | 59.79 | 60.30 | 0.067 | 0.073 | 1.702 | 1.854 | .135 | .061 |
| MS28775-037 | 2.479 | 2.499 | 62.97 | 63.47 | 0.067 | 0.073 | 1.702 | 1.854 | .142 | .064 |
| MS28775-038 | 2.604 | 2.624 | 66.14 | 66.65 | 0.067 | 0.073 | 1.702 | 1.854 | .149 | .068 |
| MS28775-039 | 2.729 | 2.749 | 69.31 | 69.82 | 0.067 | 0.073 | 1.702 | 1.854 | .156 | .071 |
| MS28775-040 | 2.854 | 2.874 | 72.48 | 73.00 | 0.067 | 0.073 | 1.702 | 1.854 | .163 | .074 |
| MS28775-041 | 2.979 | 3.004 | 75.64 | 76.30 | 0.067 | 0.073 | 1.702 | 1.854 | .170 | .077 |
| MS28775-042 | 3.104 | 3.124 | 78.81 | 79.32 | 0.067 | 0.073 | 1.702 | 1.854 | .178 | .080 |
| MS28775-043 | 3.229 | 3.249 | 81.98 | 82.49 | 0.067 | 0.073 | 1.702 | 1.854 | .185 | .083 |
| MS28775-044 | 3.354 | 3.374 | 85.15 | 85.66 | 0.067 | 0.073 | 1.702 | 1.854 | .192 | .086 |
| MS28775-045 | 3.479 | 3.499 | 88.32 | 88.83 | 0.067 | 0.073 | 1.702 | 1.854 | .199 | .089 |
| MS28775-046 | 3.604 | 3.624 | 91.49 | 92.00 | 0.067 | 0.073 | 1.702 | 1.854 | .206 | .092 |
| MS28775-047 | 3.729 | 3.749 | 94.66 | 95.17 | 0.067 | 0.073 | 1.702 | 1.854 | .213 | .095 |
| MS28775-048 | 3.854 | 3.874 | 97.83 | 98.34 | 0.067 | 0.073 | 1.702 | 1.854 | .220 | .098 |
| MS28775-049 | 3.979 | 4.004 | 101.00 | 101.51 | 0.067 | 0.073 | 1.702 | 1.854 | .227 | .101 |
| MS28775-050 | 4.104 | 4.124 | 104.17 | 104.68 | 0.067 | 0.073 | 1.702 | 1.854 | .234 | .104 |
| MS28775-150 | 2.847 | 2.877 | 72.31 | 73.08 | 0.100 | 0.106 | 2.540 | 2.692 | .357 | .162 |
| MS28775-151 | 2.972 | 3.002 | 75.49 | 76.25 | 0.100 | 0.106 | 2.540 | 2.692 | .372 | .169 |
| MS28775-152 | 3.097 | 3.127 | 78.66 | 79.42 | 0.100 | 0.106 | 2.540 | 2.692 | .387 | .176 |
| MS28775-153 | 3.222 | 3.252 | 81.84 | 82.60 | 0.100 | 0.106 | 2.540 | 2.692 | .402 | .183 |
| MS28775-154 | 3.347 | 3.377 | 85.01 | 85.77 | 0.100 | 0.106 | 2.540 | 2.692 | .417 | .190 |
| MS28775-155 | 3.472 | 3.502 | 88.19 | 88.95 | 0.100 | 0.106 | 2.540 | 2.692 | .432 | .197 |
| MS28775-156 | 3.597 | 3.627 | 91.36 | 92.12 | 0.100 | 0.106 | 2.540 | 2.692 | .447 | .204 |
| MS28775-157 | 3.722 | 3.752 | 94.54 | 95.30 | 0.100 | 0.106 | 2.540 | 2.692 | .462 | .211 |
| MS28775-158 | 3.847 | 3.877 | 97.71 | 98.47 | 0.100 | 0.106 | 2.540 | 2.692 | .477 | .218 |
| MS28775-159 | 3.972 | 4.002 | 100.89 | 101.65 | 0.100 | 0.106 | 2.540 | 2.692 | .492 | .225 |
| MS28775-160 | 4.097 | 4.127 | 104.06 | 104.82 | 0.100 | 0.106 | 2.540 | 2.692 | .507 | .232 |
| MS28775-161 | 4.222 | 4.252 | 107.24 | 108.00 | 0.100 | 0.106 | 2.540 | 2.692 | .522 | .239 |
| MS28775-162 | 4.347 | 4.377 | 110.41 | 111.17 | 0.100 | 0.106 | 2.540 | 2.692 | .537 | .246 |
| MS28775-163 | 4.472 | 4.502 | 113.59 | 114.35 | 0.100 | 0.106 | 2.540 | 2.692 | .552 | .253 |
| MS28775-164 | 4.597 | 4.627 | 116.76 | 117.52 | 0.100 | 0.106 | 2.540 | 2.692 | .567 | .260 |
| MS28775-165 | 4.722 | 4.752 | 119.94 | 120.70 | 0.100 | 0.106 | 2.540 | 2.692 | .582 | .267 |
| MS28775-166 | 4.847 | 4.877 | 123.11 | 123.87 | 0.100 | 0.106 | 2.540 | 2.692 | .597 | .274 |
| MS28775-167 | 4.972 | 5.002 | 126.29 | 127.05 | 0.100 | 0.106 | 2.540 | 2.692 | .612 | .281 |
| MS28775-168 | 5.097 | 5.127 | 129.46 | 130.22 | 0.100 | 0.106 | 2.540 | 2.692 | .627 | .288 |
| MS28775-169 | 5.222 | 5.252 | 132.64 | 133.40 | 0.100 | 0.106 | 2.540 | 2.692 | .642 | .295 |
| MS28775-170 | 5.347 | 5.377 | 135.81 | 136.57 | 0.100 | 0.106 | 2.540 | 2.692 | .657 | .302 |
| MS28775-171 | 5.472 | 5.502 | 138.99 | 139.75 | 0.100 | 0.106 | 2.540 | 2.692 | .672 | .309 |
| MS28775-172 | 5.597 | 5.627 | 142.16 | 142.92 | 0.100 | 0.106 | 2.540 | 2.692 | .687 | .316 |
| MS28775-173 | 5.722 | 5.752 | 145.34 | 146.10 | 0.100 | 0.106 | 2.540 | 2.692 | .702 | .323 |
| MS28775-174 | 5.847 | 5.877 | 148.51 | 149.27 | 0.100 | 0.106 | 2.540 | 2.692 | .717 | .330 |
| MS28775-175 | 5.972 | 6.002 | 151.69 | 152.45 | 0.100 | 0.106 | 2.540 | 2.692 | .732 | .337 |
| MS28775-176 | 6.097 | 6.127 | 154.86 | 155.62 | 0.100 | 0.106 | 2.540 | 2.692 | .747 | .344 |
| MS28775-177 | 6.222 | 6.252 | 158.04 | 158.80 | 0.100 | 0.106 | 2.540 | 2.692 | .762 | .351 |
| MS28775-178 | 6.347 | 6.377 | 161.21 | 161.97 | 0.100 | 0.106 | 2.540 | 2.692 | .777 | .358 |

APPROVED 12 JUL 57 REVISED FOR CHANGES SEE PAGES 1 THRU 7.

ENTIRE STANDARD REVISED

Review activities: ARMY - MI, AR AIR FORCE - I DSA - IS
User activities: DSA - CS ARMY - AT

This military standard is approved by the Department and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

| | | | |
|--|-------------------------|--|-------------------|
| P. A. AIR FORCE-82 Other Code | INTERNATIONAL INTEREST | TITLE | MILITARY STANDARD |
| ARMY - AV NAVY - AS AF - 99 | ASCC 17/87 | PACKING, PREFORMED HYDRAULIC, + 275° F (°O° RING) | MS 28775 |
| PROCUREMENT SPECIFICATION MIL-P-25732 | SUPERSEDES: MS 28784 | | SHEET 5 OF 7 |

TABLE IV - STATIC USE ONLY (SEE NOTE 5)

| PART NUMBER | ID IN. | | ID (mm) | | T IN. | | T (mm) | | APPROX MASS | |
|-------------|--------|--------|---------|--------|-------|-------|--------|-------|-------------|--------|
| | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | LB/100 | Kg/100 |
| MS28775-248 | 4.719 | 4.749 | 119.86 | 120.62 | 0.135 | 0.143 | 3.429 | 3.632 | 1.068 | .484 |
| MS28775-249 | 4.844 | 4.874 | 123.04 | 123.80 | 0.135 | 0.143 | 3.429 | 3.632 | 1.096 | .497 |
| MS28775-250 | 4.969 | 4.999 | 126.21 | 126.97 | 0.135 | 0.143 | 3.429 | 3.632 | 1.123 | .509 |
| MS28775-251 | 5.086 | 5.132 | 129.18 | 130.35 | 0.135 | 0.143 | 3.429 | 3.632 | 1.151 | .522 |
| MS28775-252 | 5.211 | 5.257 | 132.36 | 133.53 | 0.135 | 0.143 | 3.429 | 3.632 | 1.178 | .534 |
| MS28775-253 | 5.336 | 5.382 | 135.53 | 136.70 | 0.135 | 0.143 | 3.429 | 3.632 | 1.206 | .547 |
| MS28775-254 | 5.461 | 5.507 | 138.71 | 139.88 | 0.135 | 0.143 | 3.429 | 3.632 | 1.233 | .559 |
| MS28775-255 | 5.586 | 5.632 | 141.88 | 143.05 | 0.135 | 0.143 | 3.429 | 3.632 | 1.260 | .572 |
| MS28775-256 | 5.711 | 5.757 | 145.06 | 146.23 | 0.135 | 0.143 | 3.429 | 3.632 | 1.288 | .584 |
| MS28775-257 | 5.836 | 5.882 | 148.23 | 149.40 | 0.135 | 0.143 | 3.429 | 3.632 | 1.315 | .596 |
| MS28775-258 | 5.961 | 6.007 | 151.41 | 152.58 | 0.135 | 0.143 | 3.429 | 3.632 | 1.343 | .609 |
| MS28775-259 | 6.211 | 6.257 | 157.76 | 158.93 | 0.135 | 0.143 | 3.429 | 3.632 | 1.397 | .634 |
| MS28775-260 | 6.461 | 6.507 | 164.11 | 165.28 | 0.135 | 0.143 | 3.429 | 3.632 | 1.452 | .650 |
| MS28775-261 | 6.711 | 7.757 | 170.46 | 171.63 | 0.135 | 0.143 | 3.429 | 3.632 | 1.507 | .634 |
| MS28775-262 | 6.961 | 7.007 | 176.81 | 177.98 | 0.135 | 0.143 | 3.429 | 3.632 | 1.562 | .708 |
| MS28775-263 | 7.204 | 7.264 | 182.98 | 184.51 | 0.135 | 0.143 | 3.429 | 3.632 | 1.617 | .733 |
| MS28775-264 | 7.454 | 7.514 | 189.33 | 190.86 | 0.135 | 0.143 | 3.429 | 3.632 | 1.672 | .758 |
| MS28775-265 | 7.704 | 7.764 | 195.68 | 197.21 | 0.135 | 0.143 | 3.429 | 3.632 | 1.726 | .783 |
| MS28775-266 | 7.954 | 8.014 | 202.03 | 203.56 | 0.135 | 0.143 | 3.429 | 3.632 | 1.781 | .808 |
| MS28775-267 | 8.204 | 8.264 | 208.38 | 209.91 | 0.135 | 0.143 | 3.429 | 3.632 | 1.836 | .833 |
| MS28775-268 | 8.454 | 8.514 | 214.73 | 216.26 | 0.135 | 0.143 | 3.429 | 3.632 | 1.891 | .858 |
| MS28775-269 | 8.704 | 8.764 | 221.08 | 222.61 | 0.135 | 0.143 | 3.429 | 3.632 | 1.946 | .883 |
| MS28775-270 | 8.954 | 9.014 | 227.43 | 228.96 | 0.135 | 0.143 | 3.429 | 3.632 | 2.000 | .907 |
| MS28775-271 | 9.204 | 9.264 | 233.78 | 235.31 | 0.135 | 0.143 | 3.429 | 3.632 | 2.055 | .932 |
| MS28775-272 | 9.454 | 9.514 | 240.13 | 241.66 | 0.135 | 0.143 | 3.429 | 3.632 | 2.110 | .957 |
| MS28775-273 | 9.704 | 9.764 | 246.48 | 248.01 | 0.135 | 0.143 | 3.429 | 3.632 | 2.165 | .982 |
| MS28775-274 | 9.954 | 10.014 | 252.83 | 254.36 | 0.135 | 0.143 | 3.429 | 3.632 | 2.220 | 1.007 |
| MS28775-275 | 10.454 | 10.514 | 265.53 | 267.06 | 0.135 | 0.143 | 3.429 | 3.632 | 2.329 | 1.056 |
| MS28775-276 | 10.954 | 11.014 | 278.23 | 279.76 | 0.135 | 0.143 | 3.429 | 3.632 | 2.439 | 1.106 |
| MS28775-277 | 11.454 | 11.514 | 290.93 | 292.46 | 0.135 | 0.143 | 3.429 | 3.632 | 2.549 | 1.156 |
| MS28775-278 | 11.954 | 12.014 | 303.63 | 305.16 | 0.135 | 0.143 | 3.429 | 3.632 | 2.658 | 1.206 |
| MS28775-279 | 12.454 | 13.014 | 329.03 | 330.56 | 0.135 | 0.143 | 3.429 | 3.632 | 2.878 | 1.305 |
| MS28775-280 | 13.954 | 14.014 | 354.43 | 355.96 | 0.135 | 0.143 | 3.429 | 3.632 | 3.097 | 1.405 |
| MS28775-281 | 14.954 | 15.014 | 379.83 | 381.36 | 0.135 | 0.143 | 3.429 | 3.632 | 3.317 | 1.505 |
| MS28775-282 | 15.910 | 16.000 | 404.11 | 406.40 | 0.135 | 0.143 | 3.429 | 3.632 | 3.531 | 1.602 |
| MS28775-283 | 16.910 | 17.000 | 429.51 | 431.80 | 0.135 | 0.143 | 3.429 | 3.632 | 3.751 | 1.701 |
| MS28775-284 | 17.910 | 18.000 | 454.91 | 457.20 | 0.135 | 0.143 | 3.429 | 3.632 | 3.968 | 1.800 |
| MS28775-350 | 4.585 | 4.615 | 116.46 | 117.22 | 0.205 | 0.215 | 5.21 | 5.46 | 2.412 | 1.094 |
| MS28775-351 | 4.710 | 4.740 | 119.63 | 120.40 | 0.205 | 0.215 | 5.21 | 5.46 | 2.474 | 1.122 |
| MS28775-352 | 4.835 | 4.865 | 122.81 | 123.57 | 0.205 | 0.215 | 5.21 | 5.46 | 2.537 | 1.151 |
| MS28775-353 | 4.960 | 4.990 | 125.98 | 126.75 | 0.205 | 0.215 | 5.21 | 5.46 | 2.600 | 1.179 |
| MS28775-354 | 5.077 | 5.123 | 128.96 | 130.12 | 0.205 | 0.215 | 5.21 | 5.46 | 2.662 | 1.207 |
| MS28775-355 | 5.202 | 5.248 | 132.13 | 133.30 | 0.205 | 0.215 | 5.21 | 5.46 | 2.725 | 1.236 |
| MS28775-356 | 5.327 | 5.373 | 135.31 | 136.47 | 0.205 | 0.215 | 5.21 | 5.46 | 2.788 | 1.265 |
| MS28775-357 | 5.452 | 5.498 | 138.48 | 139.65 | 0.205 | 0.215 | 5.21 | 5.46 | 2.851 | 1.293 |
| MS28775-358 | 5.577 | 5.623 | 141.66 | 142.82 | 0.205 | 0.215 | 5.21 | 5.46 | 2.913 | 1.321 |
| MS28775-359 | 5.702 | 5.748 | 144.83 | 146.00 | 0.205 | 0.215 | 5.21 | 5.46 | 2.976 | 1.350 |
| MS28775-360 | 5.827 | 5.873 | 148.01 | 149.17 | 0.205 | 0.215 | 5.21 | 5.46 | 3.038 | 1.378 |
| MS28775-361 | 5.952 | 5.998 | 151.18 | 152.35 | 0.205 | 0.215 | 5.21 | 5.46 | 3.101 | 1.407 |
| MS28775-362 | 6.202 | 6.248 | 157.53 | 158.70 | 0.205 | 0.215 | 5.21 | 5.46 | 3.226 | 1.463 |
| MS28775-363 | 6.452 | 6.498 | 163.88 | 165.06 | 0.205 | 0.215 | 5.21 | 5.46 | 3.352 | 1.520 |
| MS28775-364 | 6.702 | 6.748 | 170.23 | 171.40 | 0.205 | 0.215 | 5.21 | 5.46 | 3.477 | 1.577 |
| MS28775-365 | 6.952 | 6.998 | 176.58 | 177.75 | 0.205 | 0.215 | 5.21 | 5.46 | 3.603 | 1.634 |
| MS28775-366 | 7.195 | 7.255 | 182.76 | 184.28 | 0.205 | 0.215 | 5.21 | 5.46 | 3.728 | 1.691 |
| MS28775-367 | 7.445 | 7.505 | 189.10 | 190.63 | 0.205 | 0.215 | 5.21 | 5.46 | 3.854 | 1.748 |
| MS28775-368 | 7.695 | 7.755 | 195.45 | 196.98 | 0.205 | 0.215 | 5.21 | 5.46 | 3.979 | 1.805 |
| MS28775-369 | 7.945 | 8.005 | 201.80 | 203.33 | 0.205 | 0.215 | 5.21 | 5.46 | 4.104 | 1.862 |
| MS28775-370 | 8.195 | 8.255 | 208.15 | 209.68 | 0.205 | 0.215 | 5.21 | 5.46 | 4.229 | 1.918 |
| MS28775-371 | 8.445 | 8.505 | 214.50 | 216.03 | 0.205 | 0.215 | 5.21 | 5.46 | 4.355 | 1.975 |
| MS28775-372 | 8.695 | 8.755 | 220.85 | 222.38 | 0.205 | 0.215 | 5.21 | 5.46 | 4.480 | 2.032 |
| MS28775-373 | 8.945 | 9.005 | 227.20 | 228.73 | 0.205 | 0.215 | 5.21 | 5.46 | 4.605 | 2.089 |
| MS28775-374 | 9.195 | 9.255 | 233.55 | 235.08 | 0.205 | 0.215 | 5.21 | 5.46 | 4.731 | 2.146 |
| MS28775-375 | 9.445 | 9.505 | 239.90 | 241.43 | 0.205 | 0.215 | 5.21 | 5.46 | 4.856 | 2.203 |

User activities: DSA - CS
 ARMY - AT
 Review activities: ARMY - MI, AR
 AIR FORCE - I1
 DSA - IS

This military standard is approved by the Department and Agencies of the
 DEPARTMENT OF DEFENSE. Its action for all new engineering and design
 applications and for repetitive use shall be made from this document.

APPROVED 12 JUL 57 REVISED (E) FOR CHANGES SEE PAGES 1 THRU 7.

(E) ENTIRE STANDARD REVISED

| | | | |
|---|---|---|--|
| P.A. AIR FORCE - 02 Other Code ARMY - AV NAVY - AS AF - 00 | INTERNATIONAL INTEREST ABCC 17/ 87 (E) | TITLE PACKING, PREFORMED, HYDRAULIC, +275°F (°O° RING) | MILITARY STANDARD MS28775 |
| | PROCUREMENT SPECIFICATION MIL-P-25752 | SUPERSEDES: MS28784 | SHEET 6 OF 7 |

TABLE IV STATIC USE ONLY (SEE NOTE 5)

| PART NUMBER | ID IN. | | ID (mm) | | T IN. | | T (mm) | | APPROX MASS | |
|-------------|--------|--------|---------|--------|-------|-------|--------|------|-------------|--------|
| | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | LB/100 | Kg/100 |
| MS28775-376 | 9.695 | 9.755 | 246.25 | 247.78 | 0.205 | 0.215 | 5.21 | 5.46 | 4.981 | 2.259 |
| MS28775-377 | 9.945 | 10.006 | 252.60 | 254.13 | 0.205 | 0.215 | 5.21 | 5.46 | 5.107 | 3.317 |
| MS28775-378 | 10.445 | 10.505 | 265.30 | 266.83 | 0.205 | 0.215 | 5.21 | 5.46 | 5.358 | 2.430 |
| MS28775-379 | 10.945 | 11.006 | 278.00 | 279.53 | 0.205 | 0.215 | 5.21 | 5.46 | 5.608 | 2.544 |
| MS28775-380 | 11.445 | 11.505 | 290.70 | 292.23 | 0.205 | 0.215 | 5.21 | 5.46 | 5.859 | 2.658 |
| MS28775-381 | 11.945 | 12.005 | 303.40 | 304.93 | 0.205 | 0.215 | 5.21 | 5.46 | 6.110 | 2.771 |
| MS28775-382 | 12.945 | 13.005 | 328.80 | 330.33 | 0.205 | 0.215 | 5.21 | 5.46 | 6.611 | 2.999 |
| MS28775-383 | 13.945 | 14.005 | 354.20 | 355.73 | 0.205 | 0.215 | 5.21 | 5.46 | 7.113 | 3.226 |
| MS28775-384 | 14.945 | 15.005 | 379.60 | 381.13 | 0.205 | 0.215 | 5.21 | 5.46 | 7.614 | 3.454 |
| MS28775-385 | 15.910 | 16.000 | 404.11 | 406.40 | 0.205 | 0.215 | 5.21 | 5.46 | 8.105 | 3.676 |
| MS28775-386 | 16.910 | 17.000 | 429.51 | 431.80 | 0.205 | 0.215 | 5.21 | 5.46 | 8.607 | 3.904 |
| MS28775-387 | 17.910 | 18.000 | 454.91 | 457.20 | 0.205 | 0.215 | 5.21 | 5.46 | 9.108 | 4.131 |
| MS28775-388 | 18.910 | 19.000 | 480.31 | 482.60 | 0.205 | 0.215 | 5.21 | 5.46 | 9.609 | 4.359 |
| MS28775-389 | 19.910 | 20.000 | 505.71 | 508.00 | 0.205 | 0.215 | 5.21 | 5.46 | 10.111 | 4.586 |
| MS28775-390 | 20.910 | 21.000 | 531.11 | 533.40 | 0.205 | 0.215 | 5.21 | 5.46 | 10.612 | 4.814 |
| MS28775-391 | 21.910 | 22.000 | 556.51 | 558.80 | 0.205 | 0.215 | 5.21 | 5.46 | 11.114 | 5.041 |
| MS28775-392 | 22.880 | 23.000 | 581.2 | 584.2 | 0.205 | 0.215 | 5.21 | 5.46 | 11.608 | 5.265 |
| MS28775-393 | 23.880 | 24.000 | 606.6 | 609.6 | 0.205 | 0.215 | 5.21 | 5.46 | 12.109 | 5.493 |
| MS28775-394 | 24.880 | 25.000 | 632.0 | 635.0 | 0.205 | 0.215 | 5.21 | 5.46 | 12.610 | 5.720 |
| MS28775-395 | 25.880 | 26.000 | 657.4 | 660.4 | 0.205 | 0.215 | 5.21 | 5.46 | 13.112 | 5.948 |
| MS28775-461 | 15.910 | 16.000 | 404.11 | 406.40 | 0.269 | 0.281 | 6.83 | 7.14 | 13.961 | 6.333 |
| MS28775-462 | 16.410 | 16.500 | 416.81 | 419.10 | 0.269 | 0.281 | 6.83 | 7.14 | 14.391 | 6.528 |
| MS28775-463 | 16.910 | 17.000 | 429.51 | 431.80 | 0.269 | 0.281 | 6.83 | 7.14 | 14.821 | 6.723 |
| MS28775-464 | 17.410 | 17.500 | 442.21 | 444.50 | 0.269 | 0.281 | 6.83 | 7.14 | 15.251 | 6.918 |
| MS28775-465 | 17.910 | 18.000 | 454.91 | 457.20 | 0.269 | 0.281 | 6.83 | 7.14 | 15.681 | 7.113 |
| MS28775-466 | 18.410 | 18.500 | 467.61 | 469.90 | 0.269 | 0.281 | 6.83 | 7.14 | 16.112 | 7.307 |
| MS28775-467 | 18.910 | 19.000 | 480.31 | 482.60 | 0.269 | 0.281 | 6.83 | 7.14 | 16.542 | 7.503 |
| MS28775-468 | 19.410 | 19.500 | 493.01 | 495.30 | 0.269 | 0.281 | 6.83 | 7.14 | 16.972 | 7.698 |
| MS28775-469 | 19.910 | 20.000 | 505.71 | 508.00 | 0.269 | 0.281 | 6.83 | 7.14 | 17.402 | 7.894 |
| MS28775-470 | 20.910 | 21.000 | 531.11 | 533.40 | 0.269 | 0.281 | 6.83 | 7.14 | 18.262 | 8.284 |
| MS28775-471 | 21.910 | 22.000 | 556.51 | 558.80 | 0.269 | 0.281 | 6.83 | 7.14 | 19.122 | 8.674 |
| MS28775-472 | 22.880 | 23.000 | 581.2 | 584.2 | 0.269 | 0.281 | 6.83 | 7.14 | 19.970 | 9.058 |
| MS28775-473 | 23.880 | 24.000 | 606.6 | 609.6 | 0.269 | 0.281 | 6.83 | 7.14 | 20.830 | 9.448 |
| MS28775-474 | 24.880 | 25.000 | 632.0 | 635.0 | 0.269 | 0.281 | 6.83 | 7.14 | 21.690 | 9.839 |
| MS28775-475 | 25.880 | 26.000 | 657.4 | 660.4 | 0.269 | 0.281 | 6.83 | 7.14 | 22.550 | 10.229 |

- (1) O-RING SIZES -013 THROUGH -28, -117 THROUGH -149 AND -223 THROUGH -247 ARE INTENDED ONLY FOR USE AS STATIC SEALS, AND ARE NOT TO BE USED IN APPLICATIONS WITH RECIPROCATING OR ROTARY INVOLVEMENT.
 - (2) EXAMPLE OF PART NO. MS28775-211 - PACKING WITH NOMINAL ID DIA .796 IN., T DIA .139 IN., OR 20.22 MM ID DIA, 3.530 MM T DIA.
 - (3) RINGS MAY BE OFF-REGISTER, DUE TO MOLD MISALIGNMENT, NOT TO EXCEED 0.003 INCH, PROVIDED ALL CROSS-SECTIONAL DIAMETERS, INCLUDING THE PROTRUSIONS (FLASH EXCLUDED) OF BOTH HALVES, WHERE APPLICABLE, SATISFY "T" DIMENSIONS.
 - (4) CERTAIN PROVISION (DIMENSIONS FOR SIZES -001 THRU -050, -106 THRU -178, -210 THRU -281, -325 THRU -349, -425 THRU -460) OF THIS STANDARD ARE THE SUBJECT OF INTERNATIONAL STANDARDIZATION AGREEMENT ASCC AIR STD 17/27 AND NATO STANAG 3444. WHEN REVISION OR CANCELLATION OF THIS STANDARD IS PROPOSED WHICH WILL EFFECT OR VIOLATE THE INTERNATIONAL AGREEMENT CONCERNED, THE PREPARING ACTIVITY WILL TAKE APPROPRIATE RECONCILIATION ACTION THROUGH INTERNATIONAL CHANNELS, INCLUDING DEPARTMENTAL STANDARDIZATION OFFICES, IF REQUIRED.
 - (5) THESE O-RING SIZES DO NOT MEET THE STANDARDS OF MIL-C-5514 AND ARE INTENDED FOR NON-STANDARD APPLICATIONS. THEY ARE INACTIVE FOR NEW DESIGN.
- FOR DESIGN PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID OR REQUEST FOR PROPOSAL, EXCEPT THAT REFERENCED ADOPTED INDUSTRY DOCUMENTS SHALL GIVE THE DATE OF THE ISSUE ADOPTED.

(E) ENTIRE STANDARD REVISED

| | | | |
|---|--------------------------------------|---|--------------------------|
| P.A. AIR FORCE Other Cast ARMY-AV NAVY-AS AF-99 | INTERNATIONAL INTEREST ASCC 17/87 | TITLE PACKING, PREFORMED, HYDRAULIC, +275° F (°O° RING) | MILITARY STANDARD |
| | (E) | | MS28775 |
| PROCUREMENT SPECIFICATION MIL-P-25732 | SUPERSEDES: MS28784 | | SHEET 7 OF 7 |

Use activities: DSA-CS
ARMY-AT

Review activities: ARMY-MI,AR
AIR FORCE-11
DSA-15

APPROVED 12 JUL 87 REVISED (E) FOR CHANGES SEE PAGES 1 THRU 7.

This military standard is approved by the Department and Agencies of the DEPARTMENT OF DEFENSE. Selection for all new engineering and design applications and for repetitive use shall be made from this document.