



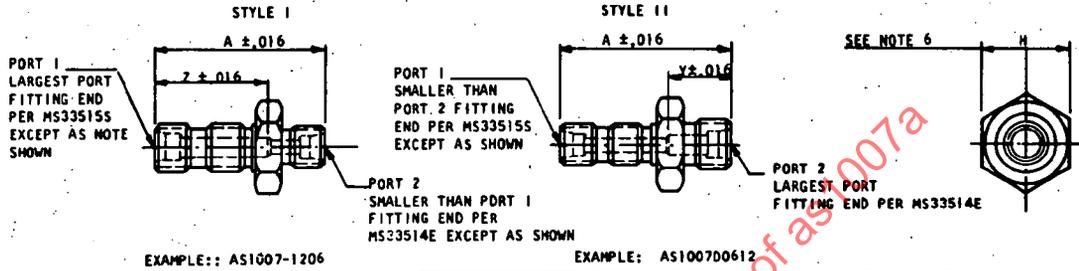
# AEROSPACE STANDARD

## AS 1007A

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### UNION, REDUCER, BULKHEAD, FLARELESS TUBE



|                            | 2     | 3     | 4     | 5     | 6     | 8     | 10    | 12    | 16    | 20    | 24    | 32    | H     | H     |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                            | 625   | 688   | 750   | 812   | 875   | 937   | 1000  | 1062  | 1125  | 1187  | 1250  | 1312  |       |       |
| DIMENSION A OVERALL LENGTH |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|                            | 1.516 | 1.578 | 1.639 | 1.703 | 1.764 | 1.825 | 1.887 | 1.948 | 2.010 | 2.071 | 2.132 | 2.193 | 2.254 | 2.315 |
| 1.516                      | -     | 1.625 | 1.656 | 1.750 | 1.891 | 2.047 | 2.203 | 2.203 | 2.203 | 2.203 | 2.203 | 2.469 | 3     | .625  |
| 1.547                      | 1.594 | -     | 1.688 | 1.781 | 1.922 | 2.078 | 2.234 | 2.234 | 2.234 | 2.234 | 2.234 | 2.500 | 4     | .688  |
| 1.578                      | 1.625 | 1.688 | -     | 1.781 | 1.922 | 2.078 | 2.234 | 2.234 | 2.234 | 2.234 | 2.234 | 2.500 | 5     | .750  |
| 1.641                      | 1.688 | 1.750 | 1.750 | -     | 1.938 | 2.094 | 2.250 | 2.250 | 2.250 | 2.250 | 2.250 | 2.516 | 6     | .812  |
| 1.734                      | 1.781 | 1.844 | 1.844 | 1.891 | -     | 2.188 | 2.344 | 2.344 | 2.344 | 2.344 | 2.344 | 2.609 | 8     | 1.000 |
| 1.813                      | 1.859 | 1.922 | 1.922 | 1.969 | 2.109 | -     | 2.406 | 2.406 | 2.406 | 2.406 | 2.406 | 2.672 | 10    | 1.125 |
| 1.922                      | 1.969 | 2.031 | 2.031 | 2.078 | 2.219 | 2.360 | -     | 2.469 | 2.469 | 2.469 | 2.469 | 2.734 | 12    | 1.375 |
| 1.922                      | 1.969 | 2.031 | 2.031 | 2.078 | 2.219 | 2.360 | 2.469 | -     | 2.469 | 2.469 | 2.469 | 2.734 | 16    | 1.625 |
| 1.922                      | 1.969 | 2.031 | 2.031 | 2.078 | 2.219 | 2.360 | 2.469 | 2.469 | -     | 2.469 | 2.469 | 2.734 | 20    | 1.875 |
| 1.922                      | 1.969 | 2.031 | 2.031 | 2.078 | 2.219 | 2.360 | 2.469 | 2.469 | 2.469 | -     | 2.469 | 2.734 | 24    | 2.125 |
| 1.984                      | 2.031 | 2.094 | 2.094 | 2.141 | 2.281 | 2.422 | 2.531 | 2.531 | 2.531 | 2.531 | -     | 32    | 2.750 |       |

| DRILL DEPTH Z |       |       |       |       |       |       |       |       |       |       |    |  | PORT #1 SIZE | PORT #2 SIZE |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|--|--------------|--------------|
| 3             | 4     | 5     | 6     | 8     | 10    | 12    | 16    | 20    | 24    | 32    | 32 |  |              |              |
| 1.016         | 1.062 | 1.078 | 1.156 | 1.250 | 1.391 | 1.500 | 1.438 | 1.375 | 1.297 | 1.438 | 2  |  |              |              |
| 1.047         | 1.078 | 1.141 | 1.250 | 1.391 | 1.500 | 1.422 | 1.375 | 1.297 | 1.422 | 3     |    |  |              |              |
|               | 1.094 | 1.172 | 1.281 | 1.406 | 1.516 | 1.453 | 1.391 | 1.312 | 1.453 | 4     |    |  |              |              |
|               |       | 1.192 | 1.281 | 1.422 | 1.531 | 1.453 | 1.391 | 1.328 | 1.453 | 5     |    |  |              |              |
|               |       |       | 1.297 | 1.438 | 1.547 | 1.391 | 1.422 | 1.344 | 1.484 | 6     |    |  |              |              |
|               |       |       |       | 1.453 | 1.562 | 1.484 | 1.438 | 1.359 | 1.391 | 8     |    |  |              |              |
|               |       |       |       |       | 1.562 | 1.500 | 1.438 | 1.359 | 1.500 | 10    |    |  |              |              |
|               |       |       |       |       |       | 1.531 | 1.468 | 1.406 | 1.531 | 12    |    |  |              |              |
|               |       |       |       |       |       |       | 1.516 | 1.453 | 1.562 | 16    |    |  |              |              |
|               |       |       |       |       |       |       |       | 1.468 | 1.594 | 20    |    |  |              |              |
|               |       |       |       |       |       |       |       |       | 1.672 | 24    |    |  |              |              |

| DRILL DEPTH Y |      |      |      |      |      |      |      |      |      |      | PORT #1 SIZE | PORT #2 SIZE |
|---------------|------|------|------|------|------|------|------|------|------|------|--------------|--------------|
| 24            | 20   | 16   | 12   | 10   | 8    | 6    | 5    | 4    | 3    | 2    |              |              |
| .656          | .578 | .562 | .516 | .469 | .469 | .469 | .469 | .469 | .438 | .453 | 32           |              |
|               | .656 | .641 | .578 | .656 | .641 | .562 | .547 | .531 | .516 | .516 | 24           |              |
|               |      | .703 | .656 | .625 | .625 | .641 | .609 | .609 | .594 | .594 | 20           |              |
|               |      |      | .719 | .688 | .688 | .703 | .672 | .672 | .656 | .656 | 16           |              |
|               |      |      |      | .750 | .750 | .766 | .750 | .734 | .719 | .719 | 12           |              |
|               |      |      |      |      | .672 | .703 | .672 | .672 | .656 | .656 | 10           |              |
|               |      |      |      |      |      | .641 | .625 | .625 | .594 | .594 | 8            |              |
|               |      |      |      |      |      |      | .562 | .562 | .531 | .547 | 6            |              |
|               |      |      |      |      |      |      |      | .516 | .500 | .500 | 5            |              |
|               |      |      |      |      |      |      |      |      | .484 | .484 | 4            |              |
|               |      |      |      |      |      |      |      |      |      | .469 | 3            |              |

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