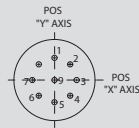


Mating face of pin insert shown (socket will be opposite)

9-23

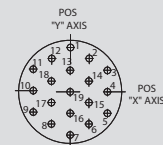
9 #23



| I.D. No. | Location | | I.D. No. | Location | |
|----------|----------|-------|----------|----------|-------|
| | X | Y | | X | Y |
| 1 | .000 | .105 | 6 | -.074 | -.074 |
| 2 | .074 | .074 | 7 | -.105 | .000 |
| 3 | .105 | .000 | 8 | -.074 | .074 |
| 4 | .074 | -.074 | 9 | .000 | .000 |
| 5 | .000 | -.105 | | | |

11-23

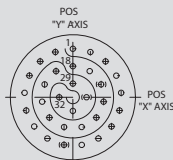
19 #23



| I.D. No. | Location | | I.D. No. | Location | |
|----------|--------------|--------------|----------|--------------|--------------|
| | X | Y | | X | Y |
| 1 | .000 (0.00) | .161 (4.08) | 11 | -.139 (3.53) | .080 (2.04) |
| 2 | .070 (1.77) | .120 (3.06) | 12 | -.070 (1.77) | .120 (3.06) |
| 3 | .139 (3.53) | .080 (2.04) | 13 | .000 (0.00) | .080 (2.04) |
| 4 | .139 (3.53) | .000 (0.00) | 14 | .070 (1.77) | .040 (1.02) |
| 5 | .139 (3.53) | -.080 (2.04) | 15 | .070 (1.77) | -.040 (1.02) |
| 6 | .070 (1.77) | -.120 (3.06) | 16 | .000 (0.00) | -.080 (2.04) |
| 7 | .000 (0.00) | -.161 (4.08) | 17 | -.070 (1.77) | -.040 (1.02) |
| 8 | -.070 (1.77) | -.120 (3.06) | 18 | -.070 (1.77) | .040 (1.02) |
| 9 | -.139 (3.53) | -.080 (2.04) | 19 | .000 (0.00) | .000 (0.00) |
| 10 | -.139 (3.53) | .000 (0.00) | | | |

13-23

32 #23



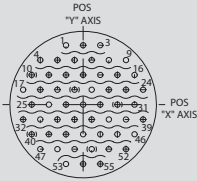
| I.D. No. | Location | | I.D. No. | Location | |
|----------|----------|--------|----------|----------|-------|
| | X | Y | | X | Y |
| 1 | .000 | .224 | 17 | -.081 | .209 |
| 2 | .081 | .209 | 18 | .000 | .143 |
| 3 | .151 | .165 | 19 | .078 | .121 |
| 4 | .200 | .100 | 20 | .130 | .059 |
| 5 | .223 | .021 | 21 | .142 | -.021 |
| 6 | .215 | -0.061 | 22 | .108 | -.094 |
| 7 | .178 | -0.135 | 23 | .041 | -.137 |
| 8 | .118 | -0.190 | 24 | -.041 | -.137 |
| 9 | .041 | -0.220 | 25 | -.108 | .094 |
| 10 | -0.041 | -0.220 | 26 | -.142 | -.021 |
| 11 | -0.118 | -0.190 | 27 | -.130 | .059 |
| 12 | -0.178 | -0.135 | 28 | -.078 | .121 |
| 13 | -0.215 | -0.061 | 29 | .000 | .063 |
| 14 | -0.223 | .021 | 30 | .063 | .000 |
| 15 | -0.200 | .100 | 31 | .000 | -.063 |
| 16 | -0.151 | .165 | 32 | -.063 | .000 |

Based on MIL-STD-1560 and other specs, contact factory for more details

Mating face of pin insert shown (socket will be opposite)

15-23

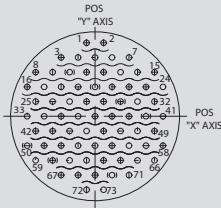
55 #23



| I.D. No. | Location | | I.D. No. | Location | | I.D. No. | Location | |
|----------|----------|------|----------|----------|--------|----------|----------|--------|
| | X | Y | | X | Y | | X | Y |
| 1 | -0.080 | .278 | 20 | -0.040 | .070 | 39 | .281 | -0.070 |
| 2 | .000 | .278 | 21 | .040 | .070 | 40 | -0.241 | -0.139 |
| 3 | .080 | .278 | 22 | .121 | .070 | 41 | -0.161 | -0.139 |
| 4 | -0.201 | .209 | 23 | .201 | .070 | 42 | -0.080 | -0.139 |
| 5 | -0.121 | .209 | 24 | .281 | .070 | 43 | .000 | -0.139 |
| 6 | -0.040 | .209 | 25 | -0.241 | .000 | 44 | .080 | -0.139 |
| 7 | .040 | .209 | 26 | -0.161 | .000 | 45 | .161 | -0.139 |
| 8 | .121 | .209 | 27 | -0.080 | .000 | 46 | .241 | -0.139 |
| 9 | .201 | .209 | 28 | .000 | .000 | 47 | -0.201 | -0.209 |
| 10 | -0.241 | .139 | 29 | .080 | .000 | 48 | -0.121 | -0.209 |
| 11 | -0.161 | .139 | 30 | .161 | .000 | 49 | -0.040 | -0.209 |
| 12 | -0.080 | .139 | 31 | .241 | .000 | 50 | .040 | -0.209 |
| 13 | .000 | .139 | 32 | -0.281 | -0.070 | 51 | .121 | -0.209 |
| 14 | .080 | .139 | 33 | -0.201 | -0.070 | 52 | .201 | -0.209 |
| 15 | .161 | .139 | 34 | -0.121 | -0.070 | 53 | -0.080 | -0.278 |
| 16 | .241 | .139 | 35 | -0.040 | -0.070 | 54 | .000 | -0.278 |
| 17 | -0.281 | .070 | 36 | .040 | -0.070 | 55 | .080 | -0.278 |
| 18 | -0.201 | .070 | 37 | .121 | -0.070 | | | |
| 19 | -0.121 | .070 | 38 | .201 | -0.070 | | | |

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73 #23



| I.D. No. | Location | | I.D. No. | Location | | I.D. No. | Location | |
|----------|----------|------|----------|----------|--------|----------|----------|--------|
| | X | Y | | X | Y | | X | Y |
| 1 | -0.040 | .348 | 26 | -0.201 | .070 | 51 | -0.241 | -0.139 |
| 2 | .040 | .348 | 27 | -0.121 | .070 | 52 | -0.161 | -0.139 |
| 3 | -0.161 | .278 | 28 | -0.040 | .070 | 53 | -0.080 | -0.139 |
| 4 | -0.080 | .278 | 29 | .040 | .070 | 54 | .000 | -0.139 |
| 5 | .000 | .278 | 30 | .121 | .070 | 55 | .080 | -0.139 |
| 6 | .080 | .278 | 31 | .201 | .070 | 56 | .161 | -0.139 |
| 7 | .161 | .278 | 32 | .281 | .070 | 57 | .241 | -0.139 |
| 8 | -0.281 | .209 | 33 | -0.321 | .000 | 58 | .321 | -0.139 |
| 9 | -0.201 | .209 | 34 | -0.241 | .000 | 59 | -0.281 | -0.209 |
| 10 | -0.121 | .209 | 35 | -0.161 | .000 | 60 | -0.201 | -0.209 |
| 11 | -0.040 | .209 | 36 | -0.080 | .000 | 61 | -0.121 | -0.209 |
| 12 | .040 | .209 | 37 | .000 | .000 | 62 | -0.040 | -0.209 |
| 13 | .121 | .209 | 38 | .080 | .000 | 63 | .040 | -0.209 |
| 14 | .201 | .209 | 39 | .161 | .000 | 64 | .121 | -0.209 |
| 15 | .281 | .209 | 40 | .241 | .000 | 65 | .201 | -0.209 |
| 16 | -0.321 | .139 | 41 | .321 | .000 | 66 | .281 | -0.209 |
| 17 | -0.241 | .139 | 42 | -0.281 | -0.070 | 67 | -0.161 | -0.278 |
| 18 | -0.161 | .139 | 43 | -0.201 | -0.070 | 68 | -0.080 | -0.278 |
| 19 | -0.080 | .139 | 44 | -0.121 | -0.070 | 69 | .000 | -0.278 |
| 20 | .000 | .139 | 45 | -0.040 | -0.070 | 70 | .080 | -0.278 |
| 21 | .080 | .139 | 46 | .040 | -0.070 | 71 | .161 | -0.278 |
| 22 | .161 | .139 | 47 | .121 | -0.070 | 72 | -0.040 | -0.348 |
| 23 | .241 | .139 | 48 | .201 | -0.070 | 73 | .040 | -0.348 |
| 24 | .321 | .139 | 49 | .281 | -0.070 | | | |
| 25 | -0.281 | .070 | 50 | -0.321 | -0.139 | | | |

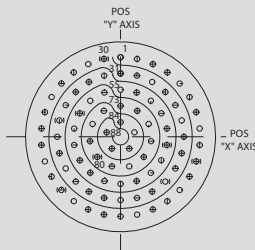
Based on MIL-STD-1560 and other specs, contact factory for more details

Mating face of pin insert shown (socket will be opposite)

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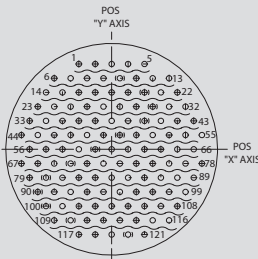
88 #23



| I.D. No. | Location | | I.D. No. | Location | | I.D. No. | Location | |
|----------|----------|--------|----------|----------|--------|----------|----------|--------|
| | X | Y | | X | Y | | X | Y |
| 1 | .000 | .393 | 31 | .000 | .313 | 61 | .201 | -0.116 |
| 2 | .082 | .385 | 32 | .081 | .302 | 62 | .150 | -0.178 |
| 3 | .160 | .359 | 33 | .156 | .271 | 63 | .080 | -0.219 |
| 4 | .231 | .318 | 34 | .221 | .221 | 64 | .000 | -0.233 |
| 5 | .292 | .263 | 35 | .271 | .156 | 65 | -0.080 | -0.219 |
| 6 | .341 | .197 | 36 | .302 | .081 | 66 | -0.150 | -0.178 |
| 7 | .374 | .122 | 37 | .313 | .000 | 67 | -0.201 | -0.116 |
| 8 | .391 | .041 | 38 | .302 | -0.081 | 68 | -0.229 | -0.041 |
| 9 | .391 | -0.041 | 39 | .271 | -0.156 | 69 | -0.229 | .041 |
| 10 | .374 | -0.122 | 40 | .221 | -0.221 | 70 | -0.201 | .116 |
| 11 | .341 | -0.197 | 41 | .156 | -0.271 | 71 | -0.150 | .178 |
| 12 | .292 | -0.263 | 42 | .081 | -0.302 | 72 | -0.080 | .219 |
| 13 | .231 | -0.318 | 43 | .000 | -0.313 | 73 | .000 | .152 |
| 14 | .160 | -0.359 | 44 | -0.081 | -0.302 | 74 | .082 | .128 |
| 15 | .082 | -0.385 | 45 | -0.156 | -0.271 | 75 | .139 | .063 |
| 16 | .000 | -0.393 | 46 | -0.221 | -0.221 | 76 | .151 | -0.022 |
| 17 | -0.082 | -0.385 | 47 | -0.271 | -0.156 | 77 | .115 | -0.100 |
| 18 | -0.160 | -0.359 | 48 | -0.302 | -0.081 | 78 | .043 | -0.146 |
| 19 | -0.231 | -0.318 | 49 | -0.313 | .000 | 79 | -0.043 | -0.146 |
| 20 | -0.292 | -0.263 | 50 | -0.302 | .081 | 80 | -0.115 | -0.100 |
| 21 | -0.341 | -0.197 | 51 | -0.271 | .156 | 81 | -0.151 | -0.022 |
| 22 | -0.374 | -0.122 | 52 | -0.221 | .221 | 82 | -0.139 | .063 |
| 23 | -0.391 | -0.041 | 53 | -0.156 | .271 | 83 | -0.082 | .128 |
| 24 | -0.391 | .041 | 54 | -0.081 | .302 | 84 | .000 | .072 |
| 25 | -0.374 | .122 | 55 | .000 | .233 | 85 | .069 | .022 |
| 26 | -0.341 | .197 | 56 | .080 | .219 | 86 | .043 | -0.058 |
| 27 | -0.292 | .263 | 57 | .150 | .178 | 87 | -0.043 | -0.058 |
| 28 | -0.231 | .318 | 58 | .201 | .116 | 88 | -0.069 | .022 |
| 29 | -0.160 | .359 | 59 | .229 | .041 | | | |
| 30 | -0.082 | .385 | 60 | .229 | -0.041 | | | |

Based on MIL-STD-1560 and other specs, contact factory for more details

Mating face of pin insert shown (socket will be opposite)



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121 #23

| I.D. No. | Location | | I.D. No. | Location | | I.D. No. | Location | |
|----------|----------|------|----------|----------|--------|----------|----------|--------|
| | X | Y | | X | Y | | X | Y |
| 1 | -0.161 | .417 | 41 | .241 | .139 | 81 | -0.241 | -0.139 |
| 2 | -0.080 | .417 | 42 | .321 | .139 | 82 | -0.161 | -0.139 |
| 3 | .000 | .417 | 43 | .402 | .139 | 83 | -0.080 | -0.139 |
| 4 | .080 | .417 | 44 | -0.442 | .070 | 84 | .000 | -0.139 |
| 5 | .161 | .417 | 45 | -0.361 | .070 | 85 | .080 | -0.139 |
| 6 | -0.281 | .348 | 46 | -0.281 | .070 | 86 | .161 | -0.139 |
| 7 | -0.201 | .348 | 47 | -0.201 | .070 | 87 | .241 | -0.139 |
| 8 | -0.121 | .348 | 48 | -0.121 | .070 | 88 | .321 | -0.139 |
| 9 | -0.040 | .348 | 49 | -0.040 | .070 | 89 | .402 | -0.139 |
| 10 | .040 | .348 | 50 | .040 | .070 | 90 | -0.361 | -0.209 |
| 11 | .121 | .348 | 51 | .121 | .070 | 91 | -0.281 | -0.209 |
| 12 | .201 | .348 | 52 | .201 | .070 | 92 | -0.201 | -0.209 |
| 13 | .281 | .348 | 53 | .281 | .070 | 93 | -0.121 | -0.209 |
| 14 | -0.321 | .278 | 54 | .361 | .070 | 94 | -0.040 | -0.209 |
| 15 | -0.241 | .278 | 55 | .442 | .070 | 95 | .040 | -0.209 |
| 16 | -0.161 | .278 | 56 | -0.402 | .000 | 96 | .121 | -0.209 |
| 17 | -0.080 | .278 | 57 | -0.321 | .000 | 97 | .201 | -0.209 |
| 18 | .000 | .278 | 58 | -0.241 | .000 | 98 | .281 | -0.209 |
| 19 | .080 | .278 | 59 | -0.161 | .000 | 99 | .361 | -0.209 |
| 20 | .161 | .278 | 60 | -0.080 | .000 | 100 | -0.321 | -0.278 |
| 21 | .241 | .278 | 61 | .000 | .000 | 101 | -0.241 | -0.278 |
| 22 | .321 | .278 | 62 | .080 | .000 | 102 | -0.161 | -0.278 |
| 23 | -0.361 | .209 | 63 | .161 | .000 | 103 | -0.080 | -0.278 |
| 24 | -0.281 | .209 | 64 | .241 | .000 | 104 | .000 | -0.278 |
| 25 | -0.201 | .209 | 65 | .321 | .000 | 105 | .080 | -0.278 |
| 26 | -0.121 | .209 | 66 | .402 | .000 | 106 | .161 | -0.278 |
| 27 | -0.040 | .209 | 67 | -0.442 | -0.070 | 107 | .241 | -0.278 |
| 28 | .040 | .209 | 68 | -0.361 | -0.070 | 108 | .321 | -0.278 |
| 29 | .121 | .209 | 69 | -0.281 | -0.070 | 109 | -0.281 | -0.348 |
| 30 | .201 | .209 | 70 | -0.201 | -0.070 | 110 | -0.201 | -0.348 |
| 31 | .281 | .209 | 71 | -0.121 | -0.070 | 111 | -0.121 | -0.348 |
| 32 | .361 | .209 | 72 | -0.040 | -0.070 | 112 | -0.040 | -0.348 |
| 33 | -0.402 | .139 | 73 | .040 | -0.070 | 113 | .040 | -0.348 |
| 34 | -0.321 | .139 | 74 | .121 | -0.070 | 114 | .121 | -0.348 |
| 35 | -0.241 | .139 | 75 | .201 | -0.070 | 115 | .201 | -0.348 |
| 36 | -0.161 | .139 | 76 | .281 | -0.070 | 116 | .281 | -0.348 |
| 37 | -0.080 | .139 | 77 | .361 | -0.070 | 117 | -0.161 | -0.417 |
| 38 | .000 | .139 | 78 | .442 | -0.070 | 118 | -0.080 | -0.417 |
| 39 | .080 | .139 | 79 | -0.402 | -0.139 | 119 | .000 | -0.417 |
| 40 | .161 | .139 | 80 | -0.321 | -0.139 | 120 | .080 | -0.417 |
| | | | | | | 121 | .161 | -0.417 |

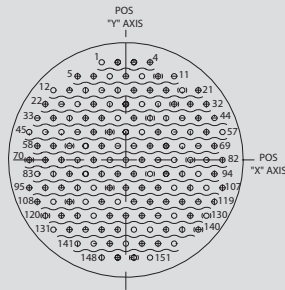
Based on MIL-STD-1560 and other specs, contact factory for more details

Mating face of pin insert shown (socket will be opposite)

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151 #23

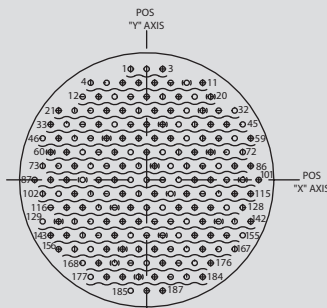


| I.D. No. | Location | | I.D. No. | Location | | I.D. No. | Location | |
|----------|----------|------|----------|----------|--------|----------|----------|--------|
| | X | Y | | X | Y | | X | Y |
| 1 | -0.121 | .487 | 52 | .080 | .139 | 103 | .161 | -0.139 |
| 2 | -0.040 | .487 | 53 | .161 | .139 | 104 | .241 | -0.139 |
| 3 | .040 | .487 | 54 | .241 | .139 | 105 | .321 | -0.139 |
| 4 | .121 | .487 | 55 | .321 | .139 | 106 | .402 | -0.139 |
| 5 | -0.241 | .417 | 56 | .402 | .139 | 107 | .482 | -0.139 |
| 6 | -0.161 | .417 | 57 | .482 | .139 | 108 | -0.442 | -0.209 |
| 7 | -0.080 | .417 | 58 | -0.442 | .070 | 109 | -0.361 | -0.209 |
| 8 | .000 | .417 | 59 | -0.361 | .070 | 110 | -0.281 | -0.209 |
| 9 | .080 | .417 | 60 | -0.281 | .070 | 111 | -0.201 | -0.209 |
| 10 | .161 | .417 | 61 | -0.201 | .070 | 112 | -0.121 | -0.209 |
| 11 | .241 | .417 | 62 | -0.121 | .070 | 113 | -0.040 | -0.209 |
| 12 | -0.361 | .348 | 63 | -0.040 | .070 | 114 | .040 | -0.209 |
| 13 | -0.281 | .348 | 64 | .040 | .070 | 115 | .121 | -0.209 |
| 14 | -0.201 | .348 | 65 | .121 | .070 | 116 | .201 | -0.209 |
| 15 | -0.121 | .348 | 66 | .201 | .070 | 117 | .281 | -0.209 |
| 16 | -0.040 | .348 | 67 | .281 | .070 | 118 | .361 | -0.209 |
| 17 | .040 | .348 | 68 | .361 | .070 | 119 | .442 | -0.209 |
| 18 | .121 | .348 | 69 | .442 | .070 | 120 | -0.402 | -0.278 |
| 19 | .201 | .348 | 70 | -0.482 | .000 | 121 | -0.321 | -0.278 |
| 20 | .281 | .348 | 71 | -0.402 | .000 | 122 | -0.241 | -0.278 |
| 21 | .361 | .348 | 72 | -0.321 | .000 | 123 | -0.161 | -0.278 |
| 22 | -0.402 | .278 | 73 | -0.241 | .000 | 124 | -0.080 | -0.278 |
| 23 | -0.321 | .278 | 74 | -0.161 | .000 | 125 | .000 | -0.278 |
| 24 | -0.241 | .278 | 75 | -0.080 | .000 | 126 | .080 | -0.278 |
| 25 | -0.161 | .278 | 76 | .000 | .000 | 127 | .161 | -0.278 |
| 26 | -0.080 | .278 | 77 | .080 | .000 | 128 | .241 | -0.278 |
| 27 | .000 | .278 | 78 | .161 | .000 | 129 | .321 | -0.278 |
| 28 | .080 | .278 | 79 | .241 | .000 | 130 | .402 | -0.278 |
| 29 | .161 | .278 | 80 | .321 | .000 | 131 | -0.361 | -0.348 |
| 30 | .241 | .278 | 81 | .402 | .000 | 132 | -0.281 | -0.348 |
| 31 | .321 | .278 | 82 | .482 | .000 | 133 | -0.201 | -0.348 |
| 32 | .402 | .278 | 83 | -0.442 | -0.070 | 134 | -0.121 | -0.348 |
| 33 | -0.442 | .209 | 84 | -0.361 | -0.070 | 135 | -0.040 | -0.348 |
| 34 | -0.361 | .209 | 85 | -0.281 | -0.070 | 136 | .040 | -0.348 |
| 35 | -0.281 | .209 | 86 | -0.201 | -0.070 | 137 | .121 | -0.348 |
| 36 | -0.201 | .209 | 87 | -0.121 | -0.070 | 138 | .201 | -0.348 |
| 37 | -0.121 | .209 | 88 | -0.040 | -0.070 | 139 | .281 | -0.348 |
| 38 | -0.040 | .209 | 89 | .040 | -0.070 | 140 | .361 | -0.348 |
| 39 | .040 | .209 | 90 | .121 | -0.070 | 141 | -0.241 | -0.417 |
| 40 | .121 | .209 | 91 | .201 | -0.070 | 142 | -0.161 | -0.417 |
| 41 | .201 | .209 | 92 | .281 | -0.070 | 143 | -0.080 | -0.417 |
| 42 | .281 | .209 | 93 | .361 | -0.070 | 144 | .000 | -0.417 |
| 43 | .361 | .209 | 94 | .442 | -0.070 | 145 | .080 | -0.417 |
| 44 | .442 | .209 | 95 | -0.482 | -0.139 | 146 | .161 | -0.417 |
| 45 | -0.482 | .139 | 96 | -0.402 | -0.139 | 147 | .241 | -0.417 |
| 46 | -0.402 | .139 | 97 | -0.321 | -0.139 | 148 | -0.121 | -0.487 |
| 47 | -0.321 | .139 | 98 | -0.241 | -0.139 | 149 | -0.040 | -0.487 |
| 48 | -0.241 | .139 | 99 | -0.161 | -0.139 | 150 | .040 | -0.487 |
| 49 | -0.161 | .139 | 100 | -0.080 | -0.139 | 151 | .121 | -0.487 |
| 50 | -0.080 | .139 | 101 | .000 | -0.139 | | | |
| 51 | .000 | .139 | 102 | .080 | -0.139 | | | |

Based on MIL-STD-1560 and other specs, contact factory for more details

Mating face of pin insert shown (socket will be opposite)

| I.D. No. | Location X | Location Y | I.D. No. | Location X | Location Y | I.D. No. | Location X | Location Y | I.D. No. | Location X | Location Y |
|----------|------------|------------|----------|------------|------------|----------|------------|------------|----------|------------|------------|
| 1 | -0.080 | .556 | 25 | -0.121 | .348 | 49 | -0.281 | .209 | 73 | -0.522 | .070 |
| 2 | .000 | .556 | 26 | -0.040 | .348 | 50 | -0.201 | .209 | 74 | -0.442 | .070 |
| 3 | .080 | .556 | 27 | .040 | .348 | 51 | -0.121 | .209 | 75 | -0.361 | .070 |
| 4 | -0.281 | .487 | 28 | .121 | .348 | 52 | -0.040 | .209 | 76 | -0.281 | .070 |
| 5 | -0.201 | .487 | 29 | .201 | .348 | 53 | .040 | .209 | 77 | -0.201 | .070 |
| 6 | -0.121 | .487 | 30 | .281 | .348 | 54 | .121 | .209 | 78 | -0.121 | .070 |
| 7 | -0.040 | .487 | 31 | .361 | .348 | 55 | .201 | .209 | 79 | -0.040 | .070 |
| 8 | .040 | .487 | 32 | .442 | .348 | 56 | .281 | .209 | 80 | .040 | .070 |
| 9 | .121 | .487 | 33 | -0.482 | .278 | 57 | .361 | .209 | 81 | .121 | .070 |
| 10 | .201 | .487 | 34 | -0.402 | .278 | 58 | .442 | .209 | 82 | .201 | .070 |
| 11 | .281 | .487 | 35 | -0.321 | .278 | 59 | .522 | .209 | 83 | .281 | .070 |
| 12 | -0.321 | .417 | 36 | -0.241 | .278 | 60 | -0.482 | .139 | 84 | .361 | .070 |
| 13 | -0.241 | .417 | 37 | -0.161 | .278 | 61 | -0.402 | .139 | 85 | .442 | .070 |
| 14 | -0.161 | .417 | 38 | -0.080 | .278 | 62 | -0.321 | .139 | 86 | .522 | .070 |
| 15 | -0.080 | .417 | 39 | .000 | .278 | 63 | -0.241 | .139 | 87 | -0.562 | .000 |
| 16 | .000 | .417 | 40 | .080 | .278 | 64 | -0.161 | .139 | 88 | -0.482 | .000 |
| 17 | .080 | .417 | 41 | .161 | .278 | 65 | -0.080 | .139 | 89 | -0.402 | .000 |
| 18 | .161 | .417 | 42 | .241 | .278 | 66 | .000 | .139 | 90 | -0.321 | .000 |
| 19 | .241 | .417 | 43 | .321 | .278 | 67 | .080 | .139 | 91 | -0.241 | .000 |
| 20 | .321 | .417 | 44 | .402 | .278 | 68 | .161 | .139 | 92 | -0.161 | .000 |
| 21 | -0.442 | .348 | 45 | .482 | .278 | 69 | .241 | .139 | 93 | -0.080 | .000 |
| 22 | -0.361 | .348 | 46 | -0.522 | .209 | 70 | .321 | .139 | 94 | .000 | .000 |
| 23 | -0.281 | .348 | 47 | -0.442 | .209 | 71 | .402 | .139 | 95 | .080 | .000 |
| 24 | -0.201 | .348 | 48 | -0.361 | .209 | 72 | .482 | .139 | 96 | .161 | .000 |
| 97 | .241 | .000 | 121 | -0.080 | -0.139 | 145 | -0.321 | -0.278 | 169 | -0.241 | -0.417 |
| 98 | .321 | .000 | 122 | .000 | -0.139 | 146 | -0.241 | -0.278 | 170 | -0.161 | -0.417 |
| 99 | .402 | .000 | 123 | .080 | -0.139 | 147 | -0.161 | -0.278 | 171 | -0.080 | -0.417 |
| 100 | .482 | .000 | 124 | .161 | -0.139 | 148 | -0.080 | -0.278 | 172 | .000 | -0.417 |
| 101 | .562 | .000 | 125 | .241 | -0.139 | 149 | .000 | -0.278 | 173 | .080 | -0.417 |
| 102 | -0.522 | -0.070 | 126 | .321 | -0.139 | 150 | .080 | -0.278 | 174 | .161 | -0.417 |
| 103 | -0.442 | -0.070 | 127 | .402 | -0.139 | 151 | .161 | -0.278 | 175 | .241 | -0.417 |
| 104 | -0.361 | -0.070 | 128 | .482 | -0.139 | 152 | .241 | -0.278 | 176 | .321 | -0.417 |
| 105 | -0.281 | -0.070 | 129 | -0.522 | -0.209 | 153 | .321 | -0.278 | 177 | -0.281 | -0.487 |
| 106 | -0.201 | -0.070 | 130 | -0.442 | -0.209 | 154 | .402 | -0.278 | 178 | -0.201 | -0.487 |
| 107 | -0.121 | -0.070 | 131 | -0.361 | -0.209 | 155 | .482 | -0.278 | 179 | -0.121 | -0.487 |
| 108 | -0.040 | -0.070 | 132 | -0.281 | -0.209 | 156 | -0.442 | -0.348 | 180 | -0.040 | -0.487 |
| 109 | .040 | -0.070 | 133 | -0.201 | -0.209 | 157 | -0.361 | -0.348 | 181 | .040 | -0.487 |
| 110 | .121 | -0.070 | 134 | -0.121 | -0.209 | 158 | -0.281 | -0.348 | 182 | .121 | -0.487 |
| 111 | .201 | -0.070 | 135 | -0.040 | -0.209 | 159 | -0.201 | -0.348 | 183 | .201 | -0.487 |
| 112 | .281 | -0.070 | 136 | .040 | -0.209 | 160 | -0.121 | -0.348 | 184 | .281 | -0.487 |
| 113 | .361 | -0.070 | 137 | .121 | -0.209 | 161 | -0.040 | -0.348 | 185 | -0.080 | -0.556 |
| 114 | .442 | -0.070 | 138 | .201 | -0.209 | 162 | .040 | -0.348 | 186 | .000 | -0.556 |
| 115 | .522 | -0.070 | 139 | .281 | -0.209 | 163 | .121 | -0.348 | 187 | .080 | -0.556 |
| 116 | -0.482 | -0.139 | 140 | .361 | -0.209 | 164 | .201 | -0.348 | | | |
| 117 | -0.402 | -0.139 | 141 | .442 | -0.209 | 165 | .281 | -0.348 | | | |
| 118 | -0.321 | -0.139 | 142 | .522 | -0.209 | 166 | .361 | -0.348 | | | |
| 119 | -0.241 | -0.139 | 143 | -0.482 | -0.278 | 167 | .442 | -0.348 | | | |
| 120 | -0.161 | -0.139 | 144 | -0.402 | -0.278 | 168 | -0.321 | -0.417 | | | |



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Based on MIL-STD-1560 and other specs, contact fac