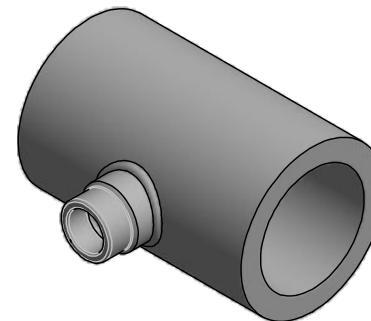
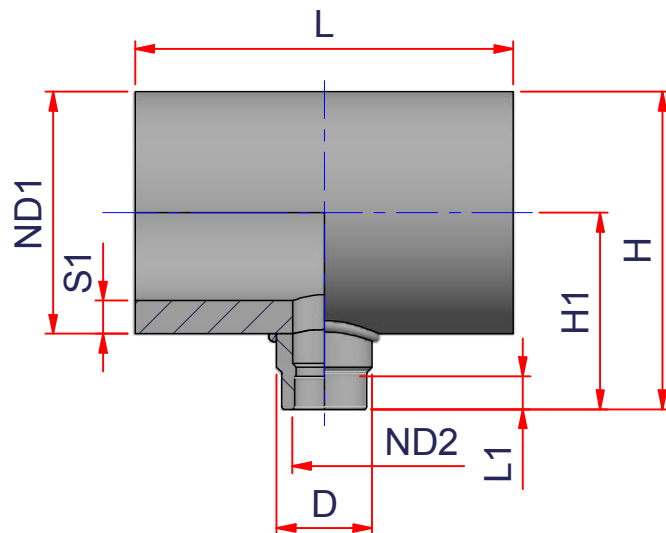




| CODE             | ND1          | ND2             | S1   | D    | L1   | L     | H1   | H    |
|------------------|--------------|-----------------|------|------|------|-------|------|------|
| 27NTR119040F90   | 3" => 90 mm  | 1" 1/4 => 40 mm | 0.32 | 2.28 | 0.83 | 10.63 | 2.87 | 4.65 |
| 27NTR119050F90   | 3" => 90 mm  | 1" 1/2 => 50 mm | 0.32 | 2.83 | 0.98 | 11.42 | 3.19 | 4.96 |
| 27NTR1111040F110 | 4" => 110 mm | 1" 1/4 => 40 mm | 0.39 | 2.28 | 0.83 | 9.45  | 3.27 | 5.43 |
| 27NTR1111050F110 | 4" => 110 mm | 1" 1/2 => 50 mm | 0.39 | 2.83 | 0.98 | 9.84  | 3.39 | 5.75 |
| 27NTR1111063F110 | 4" => 110 mm | 2" => 63 mm     | 0.39 | 3.54 | 1.14 | 10.63 | 3.74 | 5.91 |
| 27NTR1112540F125 | 5" => 125 mm | 1" 1/4 => 40 mm | 0.45 | 2.48 | 0.87 | 9.76  | 3.44 | 5.91 |
| 27NTR1112550F125 | 5" => 125 mm | 1" 1/2 => 50 mm | 0.45 | 2.83 | 0.98 | 10.24 | 3.88 | 6.34 |
| 27NTR1112563F125 | 5" => 125 mm | 2" => 63 mm     | 0.45 | 3.54 | 1.14 | 10.82 | 3.84 | 6.30 |
| 27NTR1112575F125 | 5" => 125 mm | 2" 1/2 => 75 mm | 0.45 | 4.33 | 1.30 | 11.61 | 3.96 | 6.42 |
| 27NTR1116040F160 | 6" => 160 mm | 1" 1/4 => 40 mm | 0.58 | 2.48 | 0.87 | 9.96  | 4.05 | 7.20 |
| 27NTR1116050F160 | 6" => 160 mm | 1 1/2" => 50 mm | 0.58 | 2.76 | 0.98 | 10.24 | 4.37 | 7.52 |
| 27NTR1116063F160 | 6" => 160 mm | 2" => 63 mm     | 0.58 | 3.54 | 1.14 | 12.60 | 4.72 | 7.87 |
| 27NTR1116075F160 | 6" => 160 mm | 2 1/2" => 75 mm | 0.58 | 3.94 | 1.26 | 12.20 | 5.51 | 8.86 |
| 27NTR1116090F160 | 6" => 160 mm | 3" => 90 mm     | 0.58 | 4.92 | 1.46 | 14.17 | 6.10 | 9.25 |

**NIRON**



ITEM: **NTR11\_F**

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DESC: FEMALE SIDE FUSION REDUCED TEE  
SDR 11

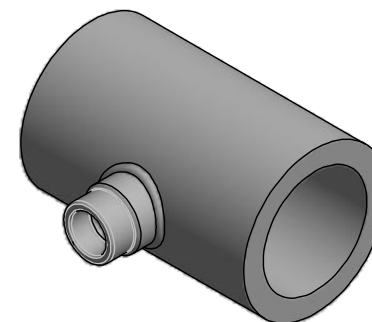
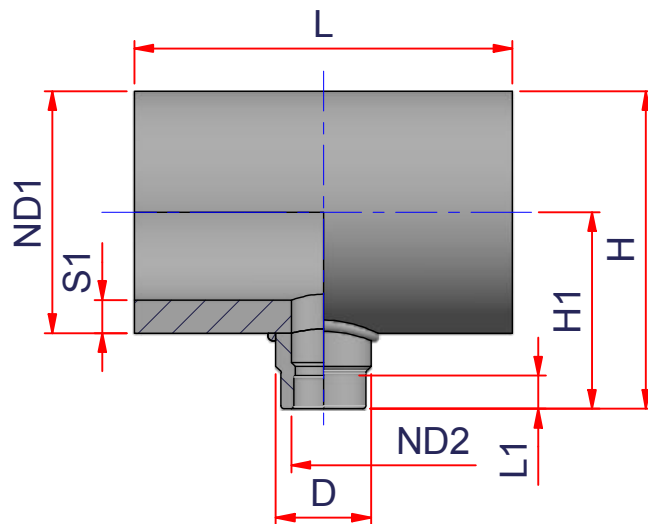


DRAWING No:  
**NI10224**

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| SHEET OF | REV. |
| 1 3      | -2   |

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All dimensions have to be considered in inches with 5% tolerance if not otherwise mentioned excluding values as per standard ASTM F2389



| CODE             | ND1           | ND2             | S1   | D    | L1   | L     | H1   | H     |
|------------------|---------------|-----------------|------|------|------|-------|------|-------|
| 27NTR1120040F200 | 8 => 200 mm   | 1 1/4 => 40 mm  | 0.72 | 2.48 | 0.87 | 10.35 | 4.84 | 8.78  |
| 27NTR1120050F200 | 8 => 200 mm   | 1 1/2 => 50 mm  | 0.72 | 2.76 | 0.98 | 10.63 | 5.16 | 9.09  |
| 27NTR1120063F200 | 8 => 200 mm   | 2 => 63 mm      | 0.72 | 3.54 | 1.14 | 11.41 | 5.31 | 9.25  |
| 27NTR1120075F200 | 8 => 200 mm   | 2 1/2 => 75 mm  | 0.72 | 4.33 | 1.30 | 12.2  | 5.91 | 9.84  |
| 27NTR1120090F200 | 8 => 200 mm   | 3 => 90 mm      | 0.72 | 4.88 | 1.46 | 12.75 | 6.89 | 10.83 |
| 27NTR1125040F250 | 10 => 250 mm  | 1 1/4 => 40 mm  | 0.89 | 2.48 | 0.87 | 11.73 | 5.83 | 10.75 |
| 27NTR1125050F250 | 10 => 250 mm  | 1 1/2 => 50 mm  | 0.89 | 2.76 | 0.98 | 12.01 | 6.14 | 11.06 |
| 27NTR1125063F250 | 10 => 250 mm  | 2 => 63 mm      | 0.89 | 3.54 | 1.14 | 12.79 | 6.30 | 11.22 |
| 27NTR1125075F250 | 10 => 250 mm  | 2 1/2 => 75 mm  | 0.89 | 4.33 | 1.30 | 13.58 | 6.42 | 11.34 |
| 27NTR1125090F250 | 10 => 250 mm  | 3 => 90 mm      | 0.89 | 4.88 | 1.46 | 14.13 | 7.87 | 12.80 |
| 27NTR1131540F315 | 12" => 315 mm | 1" 1/4 => 40 mm | 1.13 | 2.48 | 0.87 | 12.52 | 7.11 | 13.39 |
| 27NTR1131550F315 | 12" => 315 mm | 1" 1/2 => 50 mm | 1.13 | 2.76 | 0.98 | 12.80 | 7.42 | 13.62 |
| 27NTR1131563F315 | 12" => 315 mm | 2" => 63 mm     | 1.13 | 3.54 | 1.14 | 13.58 | 7.58 | 13.78 |
| 27NTR1131575F315 | 12" => 315 mm | 2" 1/2 => 75 mm | 1.13 | 4.33 | 1.30 | 14.37 | 7.70 | 13.90 |
| 27NTR1131590F315 | 12" => 315 mm | 3" => 90 mm     | 1.13 | 4.88 | 1.46 | 14.92 | 9.15 | 15.35 |

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ITEM: **NTR11\_F**

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DESC: FEMALE SIDE FUSION REDUCED TEE  
SDR 11

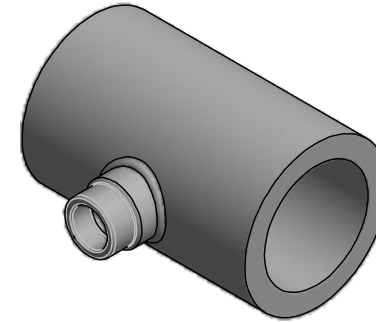
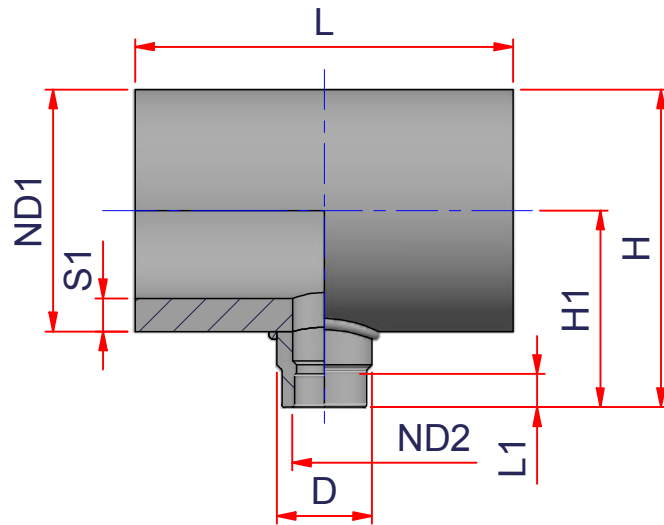


DRAWING No:  
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| 2 3      | -2   |

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All dimensions have to be considered in inches with 5% tolerance if not otherwise mentioned excluding values as per standard ASTM F2389



| CODE             | ND1           | ND2             | S1   | D    | L1   | L     | H1   | H     |
|------------------|---------------|-----------------|------|------|------|-------|------|-------|
| 27NTR1135540F355 | 14" => 355 mm | 1" 1/4 => 40 mm | 1.27 | 2.48 | 0.87 | 13.31 | 7.89 | 14.88 |
| 27NTR1135550F355 | 14" => 355 mm | 1" 1/2 => 50 mm | 1.27 | 2.76 | 0.98 | 13.59 | 8.21 | 15.20 |
| 27NTR1135563F355 | 14" => 355 mm | 2" => 63 mm     | 1.27 | 3.54 | 1.14 | 14.37 | 8.37 | 15.35 |
| 27NTR1135575F355 | 14" => 355 mm | 2" 1/2 => 75 mm | 1.27 | 4.33 | 1.30 | 15.16 | 8.48 | 15.47 |
| 27NTR1135590F355 | 14" => 355 mm | 3" => 90 mm     | 1.27 | 4.88 | 1.46 | 15.71 | 9.94 | 16.93 |

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ITEM: **NTR11\_F**

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DESC: FEMALE SIDE FUSION REDUCED TEE  
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DRAWING No:  
**NI10224**

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All dimensions have to be considered in inches with 5% tolerance if not otherwise mentioned excluding values as per standard ASTM F2389