$\mathrm{CO}_{2}$ Copper Fittings

## TECHNICAL SPECIFICATIONS SUBMITTAL FORM

| Job Name: | Submittal Date: | Wholesaler: |
| :--- | :--- | :--- |
| Job Location: | Engineer/Architect: | Contractor: |

## Product Use:

Copper Fittings for use in $\mathrm{CO}_{2}$ Refrigeration Applications.

## Design and Features:

- NDL ensures copper quality content and strict adherence to meet or exceed ASME B16.22 standards for wall thickness.
- Our high-pressure copper-iron alloy fittings are tested for actual burst pressure with the results exceeding 3 times the design pressure.
- Each fitting is marked with "CO2 130 BAR" and OD size for easy field identification.
- Fittings are poly-bagged within the box, keeping them clean and contaminant-free prior to installation.
- The fittings have tight tolerances on the cup side for a stronger joint with the tube and easier brazing.
- Our 1-Year Warranty proves that we have confidence in our fittings, and that they can be trusted in the field.
- Our copper fittings have zero reported failures since 1999.


## Design and Features:

- UL Listed


Technical Data

| SIZE RANGE | From $3 / 8^{\prime \prime}$ up to $21 / 8^{\prime \prime}$ |
| :---: | :---: |
| MATERIAL | Copper alloy CuFe2P C19400 |
| OPERATING <br> TEMPERATURE | $-196^{\circ} \mathrm{C}$ to $150^{\circ} \mathrm{C} /-320^{\circ} \mathrm{F}$ to $302^{\circ} \mathrm{F}$ |
| BURST <br> PRESSURE | $>390$ bar / >39 MPa / >5656 psi |
| MAXIMUM OPERATING <br> PRESSURE | 130 bar / $13 \mathrm{MPa} / 1885$ psi at $150^{\circ} \mathrm{C}$ |
| APPLICATION | Air conditioning and refrigeration. Designed for high-pressure |
| applications, especially for CO (R744) systems. |  |

## NIII <br> Reducing Bushings

## Reducing Bushings Dimensions and Selection

|  | PART \# | OD - DESCRIPTION | BOX QTY | L1 (IN) | WT (LB) | WT (G) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\square$ | CO1312 | 1/2" $\times 3 / 8$ " Reducing Bushing | 100 | 0.965" | 0.017 | 7.50 |
| $\square$ | CO21313 | $1 / 2^{\prime \prime} \times 12 \mathrm{~mm}$ Reducing Bushing | 100 | 1.063" | 0.019 | 8.50 |
| $\square$ | CO1315 | $5 / 8 " \times 1 / 2^{\prime \prime}$ Reducing Bushing | 100 | 1.103" | 0.026 | 12.00 |
| $\square$ | CO1317 | 5/8" $\times 3 / 8$ " Reducing Bushing | 100 | 1.063" | 0.026 | 12.00 |
| $\square$ | CO1320 | 3/4" $\times 5 / 8$ " Reducing Bushing | 100 | $1.240^{\prime \prime}$ | 0.049 | 22.00 |
| $\square$ | CO1321 | 3/4" $\times 1 / 2^{\prime \prime}$ Reducing Bushing | 100 | 1.181" | 0.046 | 21.00 |
| $\square$ | CO1322 | 3/4" $\times 3 / 8^{\prime \prime}$ Reducing Bushing | 100 | 1.280" | 0.046 | 21.00 |
| $\square$ | CO1328 | $7 / 8 " \times 3 / 8$ " Reducing Bushing | 100 | 1.417" | 0.068 | 31.00 |
| $\square$ | CO1327 | $7 / 8 " \times 1 / 2^{\prime \prime}$ Reducing Bushing | 100 | 1.398" | 0.068 | 31.00 |
| $\square$ | CO1326 | $7 / 8 " \times 5 / 8$ " Reducing Bushing | 100 | $1.37{ }^{\prime \prime}$ | 0.066 | 30.00 |
| $\square$ | CO1325 | 7/8" $\times 3 / 4$ " Reducing Bushing | 100 | 1.457" | 0.071 | 32.00 |
| $\square$ | CO21326 | $7 / 8$ " $\times 22 \mathrm{~mm}$ Reducing Bushing | 100 | 1.693" | 0.071 | 32.00 |
| $\square$ | CO1340 | 1-1/8" $\times 1 / 2^{\prime \prime}$ Reducing Bushing | 100 | 1.555" | 0.117 | 53.00 |
| $\square$ | CO1399 | $1-1 / 8^{\prime \prime} \times 5 / 8$ " Reducing Bushing | 30 | 1.594" | 0.121 | 55.00 |
| $\square$ | CO1338 | 1-1/8" $\times 3 / 4$ " Reducing Bushing | 100 | 1.594" | 0.123 | 56.00 |
| $\square$ | CO1337 | 1-1/8" $\times 7 / 8$ " Reducing Bushing | 100 | 1.693" | 0.126 | 57.00 |
| , | CO21338 | 1-1/8" $\times 28 \mathrm{~mm}$ Reducing Bushing | 100 | 1.811" | 0.128 | 58.00 |
| $\square$ | CO1347 | $1-3 / 8$ " $\times 5 / 8$ " Reducing Bushing | 60 | 1.772" | 0.176 | 80.00 |
| $\square$ | CO1345 | $1-3 / 8$ " $\times 7 / 8$ " Reducing Bushing | 60 | 1.850" | 0.194 | 88.00 |
| $\square$ | CO1343 | $1-3 / 8$ " $\times 1-1 / 8$ " Reducing Bushing | 60 | 1.772" | 0.203 | 92.00 |
| $\square$ | CO21344 | $1-3 / 8^{\prime \prime} \times 35 \mathrm{~mm}$ Reducing Bushing | 60 | 1.929" | 0.220 | 100.00 |
| $\square$ | CO1353 | 1-5/8" $\times 7 / 8$ " Reducing Bushing | 30 | 2.087" | 0.280 | 127.00 |
| $\square$ | CO1351 | 1-5/8" $\times 1-1 / 8$ " Reducing Bushing | 60 | 1.988" | 0.282 | 128.00 |
| $\square$ | CO1350 | 1-5/8" $\times 1-3 / 8$ " Reducing Bushing | 60 | 1.909" | 0.289 | 131.00 |
| $\square$ | CO21349 | 1-5/8" $\times 42 \mathrm{~mm}$ Reducing Bushing | 30 | 2.087" | 0.309 | 140.00 |
| $\square$ | CO1362 | 2-1/8" $\times 7 / 8$ " Reducing Bushing | 30 | $2.598^{\prime \prime}$ | 0.606 | 275.00 |
| $\square$ | CO1360 | 2-1/8" $\times 1-1 / 8$ " Reducing Bushing | 30 | $2.480^{\prime \prime}$ | 0.617 | 280.00 |
| $\square$ | CO1359 | $2-1 / 8$ " $\times 1-3 / 8$ " Reducing Bushing | 30 | 2.402" | 0.639 | 290.00 |
| $\square$ | CO1358 | 2-1/8" $\times 1-5 / 8$ " Reducing Bushing | 30 | $2.343^{\prime \prime}$ | 0.586 | 266.00 |

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1-866-635-6888 | sales@ndlinc.com

Caps Dimensions and Selection

|  | PART \# | OD - DESCRIPTION | BOX QTY | L1 (IN) | WT (LB) | WT (G) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | CO7004 | 3/8" Cap | 100 | 0.472" | 0.007 | 3.00 |
|  | CO7006 | 1/2" Cap | 100 | 0.591" | 0.011 | 5.00 |
|  | CO7007 | 5/8" Cap | 100 | 0.709" | 0.018 | 8.00 |
|  | CO7008 | 3/4" Cap | 100 | 0.787" | 0.031 | 14.00 |
|  | CO7009 | 7/8" Cap | 100 | 1.024" | 0.062 | 28.00 |
|  | CO7011 | 1-1/8" Cap | 100 | 1.102" | 0.099 | 45.00 |
|  | CO7012 | 1-3/8" Cap | 60 | 1.299" | 0.165 | 75.00 |
|  | CO7013 | 1-5/8" Cap | 30 | 1.417" | 0.220 | 100.00 |
|  | CO7014 | 2-1/8" Cap | 30 | 1.811" | 0.617 | 280.00 |

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## Rill Reducing Couplings

Reducing Couplings Dimensions and Selection

|  | PART \# | OD - DESCRIPTION | BOX QTY | L1 (IN) | WT (LB) | WT (G) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | CO1019 | 1/2" $\times 3 / 8$ " Reducing Coupling | 100 | 1.004" | 0.020 | 9.00 |
|  | CO1023 | 5/8" $\times 1 / 2$ " Reducing Coupling | 100 | $1.102^{\prime \prime}$ | 0.031 | 14.00 |
|  | CO1029 | 3/4" $\times 5 / 8$ " Reducing Coupling | 100 | 1.299" | 0.057 | 26.00 |
|  | CO1035 | 7/8" $\times$ 3/4" Reducing Coupling | 100 | $1.535^{\prime \prime}$ | 0.086 | 39.00 |
|  | CO1049 | 1-1/8" $\times 7 / 8$ " Reducing Coupling | 100 | $1.752^{\prime \prime}$ | 0.146 | 66.00 |
|  | CO1052 | 1-1/8" $\times 1 / 2^{\prime \prime}$ Reducing Coupling | 100 | $1.673^{\prime \prime}$ | 0.132 | 60.00 |
|  | CO1056 | 1-3/8" $\times 1-1 / 8^{\prime \prime}$ Reducing Coupling | 60 | 1.831" | 0.234 | 106.00 |
|  | CO1058 | 1-3/8" $\times 7 / 8^{\prime \prime}$ Reducing Coupling | 60 | 1.949" | 0.231 | 105.00 |
|  | CO1059 | 1-3/8" $\times 3 / 4$ " Reducing Coupling | 60 | 1.831" | 0.220 | 100.00 |
|  | CO1060 | 1-3/8" $\times 5 / 8$ " Reducing Coupling | 60 | 1.752" | 0.209 | 95.00 |
|  | CO1061 | 1-3/8" $\times 1 / 2^{\prime \prime}$ Reducing Coupling | 60 | 1.831" | 0.214 | 97.00 |
|  | CO1064 | 1-5/8" $\times 1-3 / 8$ " Reducing Coupling | 30 | 1.949" | 0.328 | 149.00 |
|  | CO1065 | 1-5/8" $\times 1-1 / 8$ " Reducing Coupling | 30 | 2.067" | 0.320 | 145.00 |
|  | CO1067 | 1-5/8" $\times 7 / 8^{\prime \prime}$ Reducing Coupling | 30 | $2.087^{\prime \prime}$ | 0.304 | 138.00 |
|  | CO1068 | 1-5/8" $\times 3 / 4$ " Reducing Coupling | 30 | 2.067" | 0.298 | 135.00 |
|  | CO1073 | 2-1/8" $\times 1-5 / 8^{\prime \prime}$ Reducing Coupling | 30 | $2.559^{\prime \prime}$ | 0.675 | 306.00 |
|  | CO1074 | 2-1/8" $\times 1-3 / 8$ " Reducing Coupling | 30 | 2.559" | 0.661 | 300.00 |

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(11) Stake Stop Couplings

Stake Stop Couplings Dimensions and Selection

| PART \# | OD - DESCRIPTION | BOX QTY | L1 (IN) | WT (LB) | WT (G) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| CO10143 | 3/8" Coupling with Stake Stop | 100 | $0.768^{\prime \prime}$ | 0.009 | 4.00 |
| CO10144 | 1/2" Coupling with Stake Stop | 100 | 0.886" | 0.018 | 8.00 |
| CO10145 | 5/8" Coupling with Stake Stop | 100 | $1.043^{\prime \prime}$ | 0.029 | 13.00 |
| CO10157 | 3/4" Coupling with Stake Stop | 100 | 1.161" | 0.051 | 23.00 |
| CO10146 | 7/8" Coupling with Stake Stop | 100 | 1.516" | 0.086 | 39.00 |
| CO10147 | 1-1/8" Coupling with Stake Stop | 100 | $1.594^{\prime \prime}$ | 0.152 | 69.00 |
| CO10148 | 1-3/8" Coupling with Stake Stop | 60 | 1.752" | 0.258 | 117.00 |
| CO10149 | 1-5/8" Coupling with Stake Stop | 30 | 1.929" | 0.373 | 169.00 |
| CO10150 | 2-1/8" Coupling with Stake Stop | 30 | 2.579" | 0.818 | 371.00 |

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## NDI) $45^{\circ}$ Elbows

$45^{\circ}$ Elbows Dimensions and Selection

| PART \# | OD - DESCRIPTION | BOX QTY | L1 (IN) | WT (LB) | WT (G) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| CO3012 | 3/8" $45^{\circ}$ Elbow | 100 | 0.709" | 0.012 | 5.50 |
| CO3021 | 1/2" $45^{\circ}$ Elbow | 100 | 0.827" | 0.022 | 10.00 |
| CO3026 | 5/8" $45^{\circ}$ Elbow | 100 | $1.083^{\prime \prime}$ | 0.042 | 19.00 |
| CO3030 | 3/4" $45^{\circ}$ Elbow | 100 | 1.181" | 0.068 | 31.00 |
| CO3034 | 7/8" $45^{\circ}$ Elbow | 100 | 1.496" | 0.117 | 53.00 |
| CO3044 | 1-1/8" $45^{\circ}$ Elbow | 100 | $1.614^{\prime \prime}$ | 0.223 | 101.00 |
| CO3050 | 1-3/8" $45^{\circ}$ Elbow | 30 | 1.791" | 0.379 | 172.00 |
| CO3055 | 1-5/8" $45^{\circ}$ Elbow | 20 | 1.949" | 0.560 | 254.00 |
| CO3059 | 2-1/8" $45^{\circ}$ Elbow | 10 | $2.402^{\prime \prime}$ | 1.653 | 750.00 |

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## 4D1 $45^{\circ}$ Street Elbows

$45^{\circ}$ Street Elbows Dimensions and Selection

|  | PART \# | OD - DESCRIPTION | BOX QTY | L1 (IN) | L2 (IN) | WT (LB) | WT (G) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | CO3312 | 3/8" $45^{\circ}$ Street Elbow | 100 | $0.787^{\prime \prime}$ | 0.827" | 0.011 | 5.00 |
|  | CO3321 | 1/2" $45^{\circ}$ Street Elbow | 100 | $0.984^{\prime \prime}$ | 1.024" | 0.022 | 10.00 |
|  | CO3326 | 5/8" $45^{\circ}$ Street Elbow | 100 | 1.220" | 1.260" | 0.042 | 19.00 |
|  | CO3330 | 3/4" $45^{\circ}$ Street Elbow | 100 | 1.417" | $1.378^{\prime \prime}$ | 0.077 | 35.00 |
|  | CO3334 | 7/8" $45^{\circ}$ Street Elbow | 100 | $1.654^{\prime \prime}$ | $1.614^{\prime \prime}$ | 0.117 | 53.00 |
|  | CO3344 | 1-1/8" $45^{\circ}$ Street Elbow | 100 | 1.850" | 1.811" | 0.227 | 103.00 |
|  | CO3350 | 1-3/8"45 ${ }^{\circ}$ Street Elbow | 30 | $2.047^{\prime \prime}$ | 2.087" | 0.388 | 176.00 |
|  | CO3355 | 1-5/8" $45^{\circ}$ Street Elbow | 20 | $2.303{ }^{\prime \prime}$ | $2.264^{\prime \prime}$ | 0.567 | 257.00 |
|  | CO3359 | 2-1/8" $45^{\circ}$ Street Elbow | 10 | $2.717^{\prime \prime}$ | $2.677^{\prime \prime}$ | 0.992 | 450.00 |

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## 4il. $90^{\circ}$ Long Radius Elbows

$90^{\circ}$ Long Radius Elbows Dimensions and Selection

| PART \# | OD - DESCRIPTION | BOX QTY | L1 (IN) | WT (LB) | WT (G) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| CO2716 | 3/8" $90^{\circ}$ Long Radius Elbow | 100 | $1.063 "$ | 0.017 | 7.50 |
| CO2717 | 1/2" $90^{\circ}$ Long Radius Elbow | 100 | 1.398" | 0.036 | 16.50 |
| CO2722 | 5/8" $90^{\circ}$ Long Radius Elbow | 100 | $1.713^{\prime \prime}$ | 0.066 | 30.00 |
| CO2728 | 3/4" $90^{\circ}$ Long Radius Elbow | 100 | $2.106^{\prime \prime}$ | 0.121 | 55.00 |
| CO2734 | 7/8" $90^{\circ}$ Long Radius Elbow | 100 | $2.224^{\prime \prime}$ | 0.119 | 54.00 |
| CO2747 | 1-1/8" $90^{\circ}$ Long Radius Elbow | 100 | $2.717^{\prime \prime}$ | 0.320 | 145.00 |
| CO2055 | 1-3/8" $90^{\circ}$ Long Radius Elbow | 30 | 3.268 " | 0.628 | 285.00 |
| CO2063 | 1-5/8" $90^{\circ}$ Long Radius Elbow | 30 | 4.232" | 1.190 | 540.00 |
| CO2072 | 2-1/8" $90^{\circ}$ Long Radius Elbow | 10 | 6.693" | 3.097 | 1405.00 |

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## (11) $90^{\circ}$ Long Radius Street Elbows

$90^{\circ}$ Long Radius Street Elbows Dimensions and Selection

| PART \# | OD - DESCRIPTION | BOX QTY | L1 (IN) | L2 (IN) | WT (LB) | WT (G) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CO2809 | 3/8" $90^{\circ}$ Long Radius Street Elbow | 100 | 1.063" | $1.220^{\prime \prime}$ | 0.018 | 8.00 |
| CO2817 | 1/2" $90^{\circ}$ Long Radius Street Elbow | 100 | 1.398" | 1.457" | 0.037 | 17.00 |
| CO2822 | 5/8" $90^{\circ}$ Long Radius Street Elbow | 100 | 1.693" | 1.772" | 0.064 | 29.00 |
| CO2828 | 3/4"90 Long Radius Street Elbow | 100 | $2.047^{\prime \prime}$ | $2.165^{\prime \prime}$ | 0.123 | 56.00 |
| CO2834 | 7/8" $90^{\circ}$ Long Radius Street Elbow | 100 | $2.126^{\prime \prime}$ | $2.244^{\prime \prime}$ | 0.168 | 76.00 |
| CO2847 | 1-1/8" $90^{\circ}$ Long Radius Street Elbow | 100 | $2.717^{\prime \prime}$ | $2.874^{\prime \prime}$ | 0.342 | 155.00 |
| CO2350 | 1-3/8" $90^{\circ}$ Long Radius Street Elbow | 30 | $3.228^{\prime \prime}$ | $3.346^{\prime \prime}$ | 0.606 | 275.00 |
| CO2355 | 1-5/8" $90^{\circ}$ Long Radius Street Elbow | 20 | $4.213^{\prime \prime}$ | $4.252^{\prime \prime}$ | 1.149 | 521.00 |
| CO2359 | 2-1/8" $90^{\circ}$ Long Radius Street Elbow | 10 | $6.516^{\prime \prime}$ | 6.949" | 3.086 | 1400.00 |

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Tees Dimensions and Selection

|  | PART \# | OD - DESCRIPTION | BOX QTY | L1 (IN) | L2 (IN) | WT (LB) | WT (G) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | CO4000 | 3/8" Tee | 100 | 1.043" | 0.807" | 0.022 | 10.00 |
|  | CO4001 | 1/2" Tee | 100 | 1.437" | 1.043" | 0.049 | 22.00 |
|  | CO4006 | 5/8" Tee | 100 | $1.634^{\prime \prime}$ | 1.161" | 0.073 | 33.00 |
|  | CO4017 | 3/4" Tee | 100 | 1.949" | $1.398^{\prime \prime}$ | 0.134 | 61.00 |
|  | CO4031 | 7/8" Tee | 100 | $2.264^{\prime \prime}$ | $1.713^{\prime \prime}$ | 0.201 | 91.00 |
|  | CO4048 | 1-1/8" Tee | 100 | $2.894^{\prime \prime}$ | $2.146^{\prime \prime}$ | 0.441 | 200.00 |
|  | CO4068 | 1-3/8" Tee | 30 | $3.366^{\prime \prime}$ | 2.461" | 0.734 | 333.00 |
|  | CO4084 | 1-5/8" Tee | 20 | $3.642^{\prime \prime}$ | $2.953^{\prime \prime}$ | 1.054 | 478.00 |
|  | CO40102 | 2-1/8" Tee | 15 | 4.980" | 3.681 " | 2.371 | 1075.50 |

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## Reducing Tees

Reducing Tees Dimensions and Selection

|  | PART \# | OD - DESCRIPTION | BOX QTY | L1 (IN) | L2 (IN) | WT (LB) | WT (G) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | CO4002 | 1/2" $\times 1 / 2^{\prime \prime} \times 3 / 8$ " Reducing Tee | EA | 1.280" | $1.004^{\prime \prime}$ | 0.041 | 18.6 |
|  | CO4007 | 1/2" $\times 3 / 8$ " $\times 3 / 8$ " Reducing Tee | EA | 1.437" | 1.142" | 0.049 | 22.2 |
|  | CO4008 | 5/8" $\times 5 / 8^{\prime \prime} \times 1 / 2^{\prime \prime}$ Reducing Tee | EA | 1.437" | $1.063^{\prime \prime}$ | 0.073 | 33.1 |
|  | CO40103 | 5/8" $\times 5 / 8^{\prime \prime} \times 3 / 8$ " Reducing Tee | EA | 4.291" | $3.465^{\prime \prime}$ | 0.071 | 32.2 |
|  | CO4018 | 5/8" $\times 1 / 2^{\prime \prime} \times 1 / 2^{\prime \prime}$ Reducing Tee | EA | 1.988" | 1.437" | 0.068 | 30.8 |
|  | CO4019 | 2-1/8" $\times 2-1 / 8^{\prime \prime} \times 1-5 / 8^{\prime \prime}$ Reducing Tee | EA | 1.673" | 1.319" | 2.205 | 1000.2 |
|  | CO4032 | $3 / 4$ " $\times 3 / 4$ " $\times 5 / 8$ " Reducing Tee | EA | $2.441^{\prime \prime}$ | $1.634^{\prime \prime}$ | 0.108 | 49.0 |
|  | CO4033 | 3/4" $\times 3 / 4$ " $\times 1 / 2$ " Reducing Tee | EA | $2.224 "$ | 1.594" | 0.128 | 58.1 |
|  | CO4034 | 7/8" $\times 7 / 8$ " $\times 3 / 4$ " Reducing Tee | EA | 2.067" | 1.417" | 0.165 | 74.8 |
|  | CO4049 | 7/8" $\times 7 / 8^{\prime \prime} \times 5 / 8$ " Reducing Tee | EA | 2.579" | $2.106^{\prime \prime}$ | 0.165 | 74.8 |
|  | CO4050 | 7/8" $\times 7 / 8^{\prime \prime} \times 1 / 2$ " Reducing Tee | EA | $2.421^{\prime \prime}$ | 1.909" | 0.165 | 74.8 |
|  | CO4069 | 1-1/8" $\times 1-1 / 8$ " $\times 7 / 8$ " Reducing Tee | EA | 2.933" | $2.402^{\prime \prime}$ | 0.300 | 136.1 |
|  | CO4070 | 1-1/8" $\times 1-1 / 8 " \times 3 / 4$ " Reducing Tee | EA | $2.77{ }^{\prime \prime}$ | $2.343 \prime$ | 0.273 | 123.8 |
|  | CO4071 | 1-1/8" $\times 7 / 8$ " $\times 1 / 2^{\prime \prime}$ Reducing Tee | EA | $2.598^{\prime \prime}$ | $2.165^{\prime \prime}$ | 0.293 | 132.9 |
|  | CO4085 | 1-3/8" $\times 1-3 / 8^{\prime \prime} \times 1-1 / 8^{\prime \prime}$ Reducing Tee | EA | 3.543 " | $2.677^{\prime \prime}$ | 0.520 | 235.9 |
|  | CO4086 | $1-3 / 8 " \times 1-3 / 8 " \times 7 / 8 "$ Reducing Tee | EA | $3.209^{\prime \prime}$ | $2.677^{\prime \prime}$ | 0.461 | 209.1 |
|  | CO4087 | $1-3 / 8$ " $\times 1-3 / 8 " \times 3 / 4$ " Reducing Tee | EA | $3.012^{\prime \prime}$ | $2.618^{\prime \prime}$ | 0.428 | 194.1 |
|  | CO4088 | 1-5/8" $\times 1-5 / 8 " \times 1-3 / 8$ " Reducing Tee | EA | - | - | 0.873 | 396.0 |

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All installations must completely comply with all NDL Industries warnings and instructions, national state and local codes and all applicable ANSI standards.

NDL Industries product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Customer
Service. NDL Industries reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on NDL products previously or subsequently sold.


## NiD Reducing Tees

Reducing Tees Dimensions and Selection


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## U1D Service Tees

Service Tees Dimensions and Selection

| PART \# | OD - DESCRIPTION | BOX QTY | L1 (IN) | L2 (IN) | WT (LB) | WT (G) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CO4001S | 1/2" $\times 1 / 2^{\prime \prime} \times 10 \mathrm{~mm}$ Reducing Tee | EA | 1.280" | $1.043^{\prime \prime}$ | 0.055 | 25.00 |
| CO4006S | 5/8" $\times 5 / 8 \mathrm{Cl} \times 10 \mathrm{~mm}$ Reducing Tee | EA | 1.437" | 1.122" | 0.066 | 32.00 |
| CO4017S | 3/4" $\times 3 / 4 " \times 10 \mathrm{~mm}$ Reducing Tee | EA | $1.634^{\prime \prime}$ | 1.319" | 0.110 | 50.00 |
| CO4031S | 7/8" $\times 7 / 8$ " $\times 10 \mathrm{~mm}$ Reducing Tee | EA | $2.067^{\prime \prime}$ | 1.457" | 0.183 | 83.00 |
| CO4048S | $1-1 / 8^{\prime \prime} \times 1-1 / 8^{\prime \prime} \times 10 \mathrm{~mm}$ Reducing Tee | EA | $2.106^{\prime \prime}$ | 1.791" | 0.30 | 136.00 |
| CO4068S | 1-3/8" $1-3 / 8$ " $\times 10 \mathrm{~mm}$ Reducing Tee | EA | $2.323^{\prime \prime}$ | $2.008^{\prime \prime}$ | 0.551 | 250.00 |
| CO4084S | $1-5 / 8 " \times 1-5 / 8 " \times 10 \mathrm{~mm}$ Reducing Tee | EA | 2.539" | $2.283 "$ | 0.772 | 350.00 |
| CO40102S | $2-1 / 8$ " $\times 2-1 / 8^{\prime \prime} \times 10 \mathrm{~mm}$ Reducing Tee | EA | $3.425^{\prime \prime}$ | $2.894^{\prime \prime}$ | 1.764 | 800.00 |

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