



WROT Copper Fittings

TECHNICAL SPECIFICATIONS SUBMITTAL FORM

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

Product Use:

WROT Copper Sweat Fittings for use in Plumbing Applications.

Design and Features:

- NDL ensures copper quality content and strict adherence to meet or exceed ASME B16.22 standards for wall thickness.
- Each fitting is marked with 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 copper fittings have zero reported failures since 1999.

Design and Features:

- NSF 61
- ANSI/ASME B16.29, B16.15, B16.26, B16.24, B16.23





Female Adapters

Female Adapter Dimensions and Selection

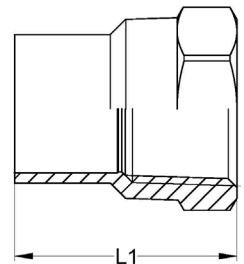
| | PART # | OD - DESCRIPTION | BOX QTY | L1 (IN) | WT (LB) | WT (G) |
|--|--------|------------------|---------|---------|---------|--------|
| | CS3-04 | 1/4" Adapter | EA | 0.906" | 0.033 | 15.0 |
| | CS3-08 | 1/2" Adapter | 25 | 1.122" | 0.064 | 29.0 |
| | CS3-12 | 3/4" Adapter | 25 | 1.437" | 0.095 | 43.0 |
| | CS3-16 | 1" Adapter | 20 | 1.732" | 0.165 | 75.0 |
| | CS3-20 | 1-1/4" Adapter | 10 | 1.909" | 0.276 | 125.0 |
| | CS3-24 | 1-1/2" Adapter | 10 | 2.126" | 0.392 | 178.0 |
| | CS3-32 | 2" Adapter | 2 | 2.421" | 0.613 | 278.0 |

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Male Adapters

Male Adapter Dimensions and Selection

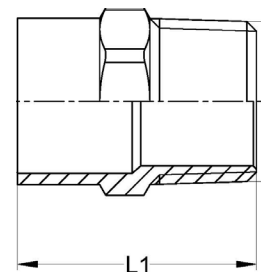
| | PART # | OD - DESCRIPTION | BOX QTY | L1 (IN) | WT (LB) | WT (G) |
|--|--------|------------------|---------|---------|---------|--------|
| | CS4-12 | 3/4" Adapter | 25 | 1.368" | 0.093 | 42.0 |
| | CS4-16 | 1" Adapter | 20 | 1.673" | 0.152 | 69.0 |
| | CS4-20 | 1-1/4" Adapter | 10 | 1.693" | 0.254 | 115.0 |
| | CS4-24 | 1-1/2" Adapter | 10 | 1.909" | 0.342 | 155.0 |
| | CS4-32 | 2" Adapter | 2 | 2.264" | 0.518 | 235.0 |

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Female Reducing Adapters

Female Reducing Adapter Dimensions and Selection

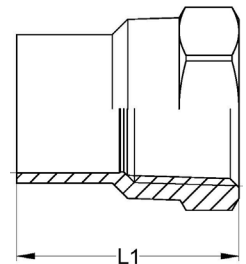
| | PART # | OD - DESCRIPTION | BOX QTY | L1 (IN) | WT (LB) | WT (G) |
|--|-----------|----------------------------------|---------|---------|---------|--------|
| | CS3-08-06 | 1/2" x 3/8" Reducing Adapter | 25 | 0.945" | 0.079 | 36.0 |
| | CS3-06-08 | 3/8" x 1/2" Reducing Adapter | 25 | 1.181" | 0.090 | 41.0 |
| | CS3-08-12 | 1/2" x 3/4" Reducing Adapter | 25 | 1.299" | 0.110 | 50.0 |
| | CS3-10-12 | 5/8" x 3/4" Reducing Adapter | EA | 1.457" | 0.141 | 64.0 |
| | CS3-24-20 | 1-1/2" x 1-1/4" Reducing Adapter | EA | 1.831" | 0.381 | 173.0 |

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Male Reducing Adapters

Male Reducing Adapter Dimensions and Selection

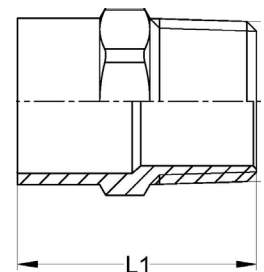
| | PART # | OD - DESCRIPTION | BOX QTY | L1 (IN) | WT (LB) | WT (G) |
|--|-----------|----------------------------------|---------|---------|---------|--------|
| | CS4-08-04 | 1/2" x 1/4" Reducing Adapter | EA | 1.142" | 0.04 | 18 |
| | CS4-08-06 | 1/2" x 3/8" Reducing Adapter | 25 | 0.965" | 0.079 | 36 |
| | CS4-08-12 | 1/2" x 3/4" Reducing Adapter | 25 | 1.378" | 0.13 | 59 |
| | CS4-10-12 | 5/8" x 3/4" Reducing Adapter | EA | 1.584" | 0.141 | 64 |
| | CS4-16-12 | 1" x 3/4" Reducing Adapter | 25 | 1.791" | 0.19 | 86 |
| | CS4-12-16 | 3/4" x 1" Reducing Adapter | - | 2.106" | 0.221 | 100 |
| | CS4-20-16 | 1-1/4" x 1" Reducing Adapter | EA | 1.969" | 0.28 | 127 |
| | CS4-16-20 | 1" x 1-1/4" Reducing Adapter | EA | 2.146" | 0.381 | 173 |
| | CS4-24-20 | 1-1/2" x 1-1/4" Reducing Adapter | EA | 1.929" | 0.45 | 204 |
| | CS4-24-16 | 1-1/2" x 1" Reducing Adapter | 5 | 2.185" | 0.47 | 213 |

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Female Street Adapters

Female Street Adapter Dimensions and Selection

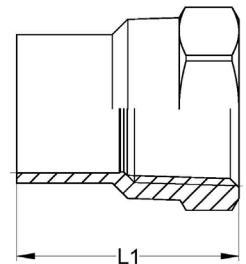
| | PART # | OD - DESCRIPTION | BOX QTY | L1 (IN) | WT (LB) | WT (G) |
|--|-------------|----------------------------|---------|---------|---------|--------|
| | CS3-2-08 | 1/2" Street Adapter | 25 | 1.417" | 0.071 | 32.0 |
| | CS3-2-08-06 | 1/2" x 3/8" Street Adapter | EA | 1.083" | 0.079 | 36.0 |
| | CS3-2-12 | 3/4" Street Adapter | 25 | 1.693" | 0.128 | 58.0 |
| | CS3-2-16 | 1" Street Adapter | 10 | 1.988" | 0.229 | 104.0 |
| | CS3-2-20 | 1-1/4" Street Adapter | EA | 2.126" | 0.331 | 150.0 |
| | CS3-2-24 | 1-1/2" Street Adapter | EA | 2.362" | 0.461 | 209.0 |
| | CS3-2-32 | 2" Street Adapter | 25 | 3.839" | 0.710 | 322.0 |

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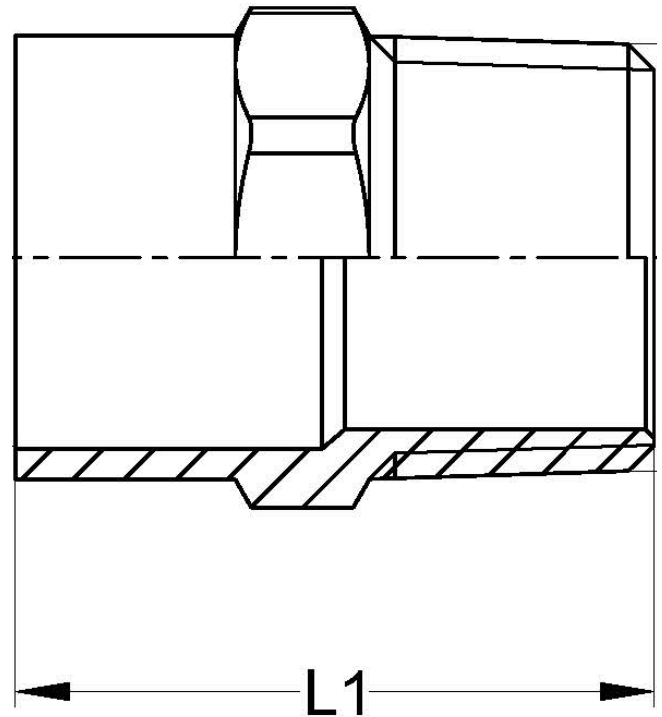




Male Street Adapters

Male Street Adapter Dimensions and Selection

| | PART # | OD - DESCRIPTION | BOX QTY | L1 (IN) | WT (LB) | WT (G) |
|--|----------|---------------------|---------|---------|---------|--------|
| | CS4-2-08 | 1/2" Street Adapter | EA | 1.496" | 0.066 | 30.0 |
| | CS4-2-12 | 3/4" Street Adapter | 25 | 1.850" | 0.161 | 73.0 |
| | CS4-2-16 | 1" Street Adapter | 10 | 2.185" | 0.240 | 109.0 |
| | CS4-2-32 | 2" Street Adapter | EA | 2.894" | 0.800 | 363.0 |



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Reducing Bushings

Reducing Bushing Dimensions and Selection

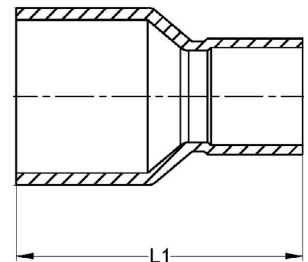
| PART # | OD - DESCRIPTION | BOX QTY | L1 (IN) | WT (LB) | WT (G) |
|------------|----------------------------------|---------|---------|---------|--------|
| CS02-04-02 | 1/4" x 1/8" Reducing Bushing | 100 | 0.827" | 0.008 | 3.5 |
| CS02-06-02 | 3/8" x 1/8" Reducing Bushing | 100 | 0.984" | 0.011 | 5.0 |
| CS02-06-04 | 3/8" x 1/4" Reducing Bushing | 100 | 0.929" | 0.011 | 5.0 |
| CS02-08-04 | 1/2" x 1/4" Reducing Bushing | 100 | 1.181" | 0.020 | 9.0 |
| CS02-08-06 | 1/2" x 3/8" Reducing Bushing | 100 | 1.126" | 0.020 | 9.0 |
| CS02-10-04 | 5/8" x 1/4" Reducing Bushing | 50 | 1.378" | 0.031 | 14.0 |
| CS02-10-06 | 5/8" x 3/8" Reducing Bushing | 50 | 1.319" | 0.031 | 14.0 |
| CS02-10-08 | 5/8" x 1/2" Reducing Bushing | 50 | 1.417" | 0.031 | 14.0 |
| CS02-12-04 | 3/4" x 1/4" Reducing Bushing | 50 | 1.496" | 0.044 | 20.0 |
| CS02-12-06 | 3/4" x 3/8" Reducing Bushing | 50 | 1.539" | 0.044 | 20.0 |
| CS02-12-08 | 3/4" x 1/2" Reducing Bushing | 50 | 1.555" | 0.044 | 20.0 |
| CS02-12-10 | 3/4" x 5/8" Reducing Bushing | 50 | 1.654" | 0.044 | 20.0 |
| CS02-16-06 | 1" x 3/8" Reducing Bushing | 25 | 1.783" | 0.077 | 35.0 |
| CS02-16-08 | 1" x 1/2" Reducing Bushing | 25 | 1.854" | 0.077 | 35.0 |
| CS02-16-10 | 1" x 5/8" Reducing Bushing | 25 | 1.870" | 0.088 | 40.0 |
| CS02-16-12 | 1" x 3/4" Reducing Bushing | 25 | 1.988" | 0.093 | 42.0 |
| CS02-20-08 | 1-1/4" x 1/2" Reducing Bushing | 25 | 2.028" | 0.110 | 50.0 |
| CS02-20-12 | 1-1/4" x 3/4" Reducing Bushing | 25 | 2.106" | 0.115 | 52.0 |
| CS02-20-16 | 1-1/4" x 1" Reducing Bushing | 10 | 2.185" | 0.137 | 62.0 |
| CS02-24-08 | 1-1/2" x 1/2" Reducing Bushing | 10 | 2.303" | 0.168 | 76.0 |
| CS02-24-12 | 1-1/2" x 3/4" Reducing Bushing | 10 | 2.402" | 0.168 | 76.0 |
| CS02-24-16 | 1-1/2" x 1" Reducing Bushing | 10 | 2.441" | 0.187 | 85.0 |
| CS02-24-20 | 1-1/2" x 1-1/4" Reducing Bushing | 10 | 2.421" | 0.209 | 95.0 |

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Reducing Bushings - Continued

Reducing Bushing Dimensions and Selection

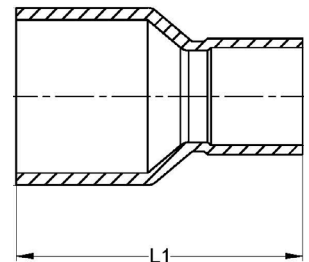
| PART # | OD - DESCRIPTION | BOX QTY | L1 (IN) | WT (LB) | WT (G) |
|------------|----------------------------------|---------|---------|---------|--------|
| CS02-32-08 | 2" x 1/2" Reducing Bushing | 10 | 2.795" | 0.309 | 140.0 |
| CS02-32-12 | 2" x 3/4" Reducing Bushing | 10 | 2.874" | 0.309 | 140.0 |
| CS02-32-16 | 2" x 1" Reducing Bushing | 10 | 2.913" | 0.313 | 142.0 |
| CS02-32-20 | 2" x 1-1/4" Reducing Bushing | 10 | 2.854" | 0.315 | 143.0 |
| CS02-32-24 | 2" x 1-1/2" Reducing Bushing | 10 | 2.953" | 0.331 | 150.0 |
| CS02-40-16 | 2-1/2" x 1" Reducing Bushing | EA | 3.366" | 0.595 | 270.0 |
| CS02-40-20 | 2-1/2" x 1-1/4" Reducing Bushing | EA | 3.287" | 0.595 | 270.0 |
| CS02-40-24 | 2-1/2" x 1-1/2" Reducing Bushing | EA | 3.287" | 0.595 | 270.0 |
| CS02-40-32 | 2-1/2" x 2" Reducing Bushing | EA | 3.366" | 0.595 | 270.0 |
| CS02-48-20 | 3" x 1-1/4" Reducing Bushing | EA | 3.760" | 0.882 | 400.0 |
| CS02-48-24 | 3" x 1-1/2" Reducing Bushing | EA | 3.780" | 0.882 | 400.0 |
| CS02-48-32 | 3" x 2" Reducing Bushing | EA | 3.740" | 0.882 | 400.0 |
| CS02-48-40 | 3" x 2-1/2" Reducing Bushing | EA | 3.780" | 0.882 | 400.0 |
| CS02-56-48 | 3-1/2" x 3" Reducing Bushing | EA | 4.232" | 1.323 | 600.0 |
| CS02-64-32 | 4" x 2" Reducing Bushing | EA | 4.843" | 1.984 | 900.0 |
| CS02-64-40 | 4" x 2-1/2" Reducing Bushing | EA | 4.843" | 1.984 | 900.0 |
| CS02-64-48 | 4" x 3" Reducing Bushing | EA | 4.744" | 1.984 | 900.0 |

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



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Tube Caps

Tube Caps Dimensions and Selection

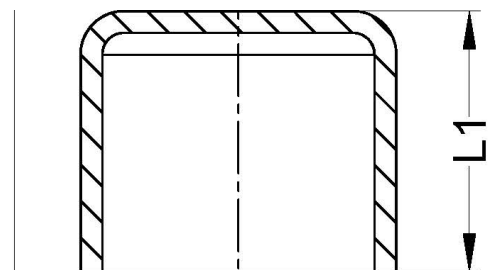
| | PART # | OD - DESCRIPTION | BOX QTY | L1 (IN) | WT (LB) | WT (G) |
|---|---------|------------------|---------|---------|---------|--------|
|  | CS17-02 | 1/8" Tube Cap | EA | 0.299" | 0.003 | 1.5 |
|  | CS17-04 | 1/4" Tube Cap | 100 | 0.394" | 0.005 | 2.3 |
|  | CS17-06 | 3/8" Tube Cap | 100 | 0.433" | 0.009 | 4.0 |
|  | CS17-08 | 1/2" Tube Cap | 25 | 0.571" | 0.015 | 7.0 |
|  | CS17-10 | 5/8" Tube Cap | 50 | 0.720" | 0.026 | 12.0 |
|  | CS17-12 | 3/4" Tube Cap | 25 | 0.870" | 0.033 | 15.0 |
|  | CS17-16 | 1" Tube Cap | 25 | 0.984" | 0.066 | 30.0 |
|  | CS17-20 | 1-1/4" Tube Cap | 10 | 1.114" | 0.104 | 47.0 |
|  | CS17-24 | 1-1/2" Tube Cap | 10 | 1.244" | 0.148 | 67.0 |
|  | CS17-32 | 2" Tube Cap | 10 | 1.528" | 0.265 | 120.0 |
|  | CS17-40 | 2-1/2" Tube Cap | EA | 1.673" | 0.441 | 200.0 |
|  | CS17-48 | 3" Tube Cap | EA | 1.890" | 0.540 | 245.0 |
|  | CS17-64 | 4" Tube Cap | EA | 2.362" | 1.257 | 570.0 |

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No Stop Couplings

No Stop Coupling Dimensions and Selection

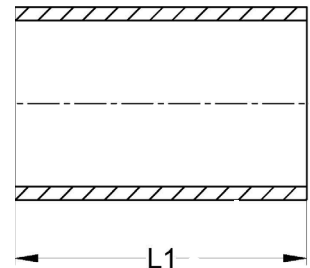
| | PART # | OD - DESCRIPTION | BOX QTY | L1 (IN) | WT (LB) | WT (G) |
|---|--------------|---------------------------|---------|---------|---------|--------|
|  | CS0-NSTOP-04 | 1/4" Coupling (no stop) | 100 | 0.665" | 0.008 | 3.4 |
|  | CS0-NSTOP-06 | 3/8" Coupling (no stop) | 100 | 0.866" | 0.013 | 6.0 |
|  | CS0-NSTOP-08 | 1/2" Coupling (no stop) | 25 | 1.024" | 0.022 | 10.0 |
|  | CS0-NSTOP-10 | 5/8" Coupling (no stop) | 50 | 1.211" | 0.036 | 16.5 |
|  | CS0-NSTOP-12 | 3/4" Coupling (no stop) | 25 | 1.535" | 0.051 | 23.0 |
|  | CS0-NSTOP-16 | 1" Coupling (no stop) | 25 | 1.795" | 0.101 | 46.0 |
|  | CS0-NSTOP-20 | 1-1/4" Coupling (no stop) | 10 | 1.913" | 0.139 | 63.0 |
|  | CS0-NSTOP-24 | 1-1/2" Coupling (no stop) | 10 | 2.205" | 0.209 | 95.0 |
|  | CS0-NSTOP-32 | 2" Coupling (no stop) | 5 | 2.717" | 0.379 | 172.0 |
|  | CS0-NSTOP-40 | 2-1/2" Coupling (no stop) | EA | 2.972" | 0.595 | 270.0 |
|  | CS0-NSTOP-48 | 3" Coupling (no stop) | EA | 3.366" | 0.904 | 410.0 |
|  | CS0-NSTOP-56 | 3-1/2" Coupling (no stop) | EA | 3.811" | 1.323 | 600.0 |
|  | CS0-NSTOP-64 | 4" Coupling (no stop) | EA | 4.323" | 1.905 | 864.0 |

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Couplings with Stop

Coupling with Stop Dimensions and Selection

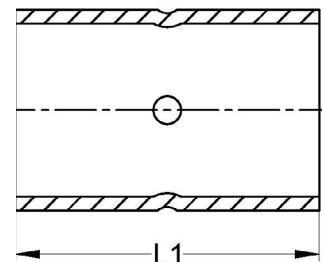
| PART # | OD - DESCRIPTION | BOX QTY | L1 (IN) | WT (LB) | WT (G) |
|--------|---------------------------|---------|---------|---------|--------|
| CS0-04 | 1/4" Coupling with stop | 25 | 0.748" | 0.008 | 3.4 |
| CS0-06 | 3/8" Coupling with stop | 100 | 0.866" | 0.013 | 6.0 |
| CS0-08 | 1/2" Coupling with stop | 25 | 1.083" | 0.022 | 10.0 |
| CS0-10 | 5/8" Coupling with stop | 50 | 1.319" | 0.036 | 16.5 |
| CS0-12 | 3/4" Coupling with stop | 25 | 1.594" | 0.051 | 23.0 |
| CS0-16 | 1" Coupling with stop | 25 | 1.909" | 0.101 | 46.0 |
| CS0-20 | 1-1/4" Coupling with stop | 10 | 2.028" | 0.139 | 63.0 |
| CS0-24 | 1-1/2" Coupling with stop | 10 | 2.303" | 0.209 | 95.0 |
| CS0-32 | 2" Coupling with stop | 5 | 2.835" | 0.379 | 172.0 |
| CS0-40 | 2-1/2" Coupling with stop | EA | 3.169" | 0.617 | 280.0 |
| CS0-48 | 3" Coupling with stop | EA | 3.602" | 0.926 | 420.0 |
| CS0-56 | 3-1/2" Coupling with stop | EA | 4.114" | 1.323 | 600.0 |
| CS0-64 | 4" Coupling with stop | EA | 4.587" | 1.905 | 864.0 |

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Couplings with Rolled Stop

Coupling with Rolled Stop Dimensions and Selection

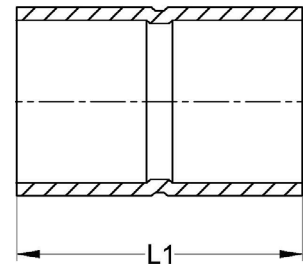
| PART # | OD - DESCRIPTION | BOX QTY | L1 (IN) | WT (LB) | WT (G) |
|-------------|----------------------------------|---------|---------|---------|--------|
| CS0-RING-02 | 1/8" Coupling with rolled stop | 100 | 0.602" | 0.004 | 1.6 |
| CS0-RING-04 | 1/4" Coupling with rolled stop | 100 | 0.681" | 0.008 | 3.4 |
| CS0-RING-06 | 3/8" Coupling with rolled stop | 100 | 0.843" | 0.012 | 5.5 |
| CS0-RING-08 | 1/2" Coupling with rolled stop | 25 | 1.098" | 0.023 | 10.5 |
| CS0-RING-10 | 5/8" Coupling with rolled stop | 50 | 1.319" | 0.036 | 16.5 |
| CS0-RING-12 | 3/4" Coupling with rolled stop | 25 | 1.555" | 0.051 | 23.0 |
| CS0-RING-16 | 1" Coupling with rolled stop | 25 | 1.909" | 0.104 | 47.0 |
| CS0-RING-20 | 1-1/4" Coupling with rolled stop | 10 | 2.028" | 0.139 | 63.0 |
| CS0-RING-24 | 1-1/2" Coupling with rolled stop | 10 | 2.307" | 0.214 | 97.0 |
| CS0-RING-32 | 2" Coupling with rolled stop | 5 | 2.854" | 0.392 | 178.0 |

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Reducing Couplings

Reducing Coupling Dimensions and Selection

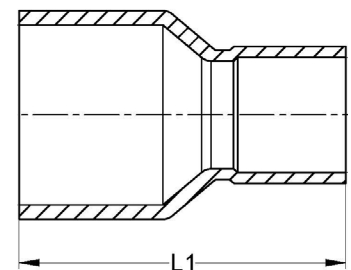
| PART # | OD - DESCRIPTION | BOX QTY | L1 (IN) | WT (LB) | WT (G) |
|-----------|--------------------------------------|---------|---------|---------|--------|
| CS0-04-02 | 1/4" x 1/8" Reducing Coupling | 25 | 0.787" | 0.008 | 3.8 |
| CS0-06-02 | 3/8" x 1/8" Reducing Coupling | 100 | 0.957" | 0.013 | 5.8 |
| CS0-06-04 | 3/8" x 1/4" Reducing Coupling | 100 | 0.898" | 0.012 | 5.6 |
| CS0-06-05 | 3/8" OD x 5/16" OD Reducing Coupling | 100 | 0.827" | 0.008 | 3.8 |
| CS0-08-02 | 1/2" x 1/8" Reducing Coupling | 100 | 1.181" | 0.023 | 10.5 |
| CS0-08-04 | 1/2" x 1/4" Reducing Coupling | 100 | 1.110" | 0.023 | 10.5 |
| CS0-08-06 | 1/2" x 3/8" Reducing Coupling | 100 | 1.114" | 0.022 | 10.0 |
| CS0-10-04 | 5/8" x 1/4" Reducing Coupling | 50 | 1.339" | 0.035 | 16.0 |
| CS0-10-06 | 5/8" x 3/8" Reducing Coupling | 50 | 1.335" | 0.035 | 16.0 |
| CS0-10-08 | 5/8" x 1/2" Reducing Coupling | 50 | 1.331" | 0.035 | 16.0 |
| CS0-12-04 | 3/4" x 1/4" Reducing Coupling | 50 | 1.496" | 0.049 | 22.0 |
| CS0-12-06 | 3/4" x 3/8" Reducing Coupling | 50 | 1.496" | 0.049 | 22.0 |
| CS0-12-08 | 3/4" x 1/2" Reducing Coupling | 50 | 1.594" | 0.049 | 22.0 |
| CS0-12-10 | 3/4" x 5/8" Reducing Coupling | 50 | 1.673" | 0.049 | 22.0 |
| CS0-16-06 | 1" x 3/8" Reducing Coupling | 25 | 1.764" | 0.077 | 35.0 |
| CS0-16-08 | 1" x 1/2" Reducing Coupling | 25 | 1.850" | 0.084 | 38.0 |
| CS0-16-10 | 1" x 5/8" Reducing Coupling | 25 | 1.882" | 0.084 | 38.0 |
| CS0-16-12 | 1" x 3/4" Reducing Coupling | 25 | 2.008" | 0.099 | 45.0 |
| CS0-20-08 | 1-1/4" x 1/2" Reducing Coupling | 25 | 2.031" | 0.137 | 62.0 |
| CS0-20-12 | 1-1/4" x 3/4" Reducing Coupling | 25 | 2.126" | 0.115 | 52.0 |
| CS0-20-16 | 1-1/4" x 1" Reducing Coupling | 10 | 2.205" | 0.137 | 62.0 |
| CS0-24-08 | 1-1/2" x 1/2" Reducing Coupling | 10 | 2.264" | 0.163 | 74.0 |
| CS0-24-12 | 1-1/2" x 3/4" Reducing Coupling | 10 | 2.358" | 0.179 | 81.0 |

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Reducing Couplings - Continued

Reducing Coupling Dimensions and Selection

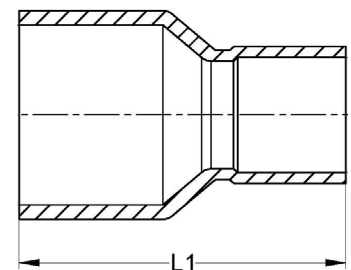
| PART # | OD - DESCRIPTION | BOX QTY | L1 (IN) | WT (LB) | WT (G) |
|-----------|-----------------------------------|---------|---------|---------|--------|
| CS0-24-16 | 1-1/2" x 1" Reducing Coupling | 10 | 2.496" | 0.187 | 85.0 |
| CS0-24-20 | 1-1/2" x 1-1/4" Reducing Coupling | 10 | 2.382" | 0.198 | 90.0 |
| CS0-32-08 | 2" x 1/2" Reducing Coupling | 10 | 2.776" | 0.291 | 132.0 |
| CS0-32-12 | 2" x 3/4" Reducing Coupling | 10 | 2.894" | 0.309 | 140.0 |
| CS0-32-16 | 2" x 1" Reducing Coupling | 10 | 3.000" | 0.318 | 144.0 |
| CS0-32-20 | 2" x 1-1/4" Reducing Coupling | 10 | 2.961" | 0.331 | 150.0 |
| CS0-32-24 | 2" x 1-1/2" Reducing Coupling | 10 | 2.933" | 0.335 | 152.0 |
| CS0-40-16 | 2-1/2" x 1" Reducing Coupling | EA | 3.409" | 0.540 | 245.0 |
| CS0-40-20 | 2-1/2" x 1-1/4" Reducing Coupling | EA | 3.142" | 0.540 | 245.0 |
| CS0-40-24 | 2-1/2" x 1-1/2" Reducing Coupling | EA | 3.429" | 0.540 | 245.0 |
| CS0-40-32 | 2-1/2" x 2" Reducing Coupling | EA | 3.425" | 0.628 | 285.0 |
| CS0-48-24 | 3" x 1-1/2" Reducing Coupling | EA | 3.780" | 0.776 | 352.0 |
| CS0-48-32 | 3" x 2" Reducing Coupling | EA | 3.819" | 0.827 | 375.0 |
| CS0-48-40 | 3" x 2-1/2" Reducing Coupling | EA | 3.780" | 0.904 | 410.0 |
| CS0-56-48 | 3-1/2" x 3" Reducing Coupling | EA | 4.264" | 1.323 | 600.0 |
| CS0-64-32 | 4" x 2" Reducing Coupling | EA | 4.827" | 1.984 | 900.0 |
| CS0-64-40 | 4" x 2-1/2" Reducing Coupling | EA | 4.862" | 1.984 | 900.0 |
| CS0-64-48 | 4" x 3" Reducing Coupling | EA | 4.874" | 1.984 | 900.0 |
| CS0-64-56 | 4" x 3-1/2" Reducing Coupling | EA | 4.567" | 1.984 | 900.0 |

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Street Elbows

Street Elbow Dimensions and Selection

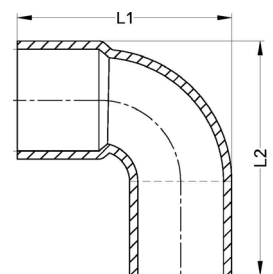
| PART # | OD - DESCRIPTION | BOX QTY | L1 (IN) | L2 (IN) | WT (LB) | WT (G) |
|----------|-------------------------|---------|---------|---------|---------|--------|
| CS7-2-04 | 1/4" 90° Street Elbow | 100 | 0.827" | 0.984" | 0.013 | 6.0 |
| CS7-2-06 | 3/8" 90° Street Elbow | 100 | 1.063" | 1.220" | 0.021 | 9.5 |
| CS7-2-08 | 1/2" 90° Street Elbow | 25 | 1.201" | 1.378" | 0.035 | 16.0 |
| CS7-2-12 | 3/4" 90° Street Elbow | 25 | 1.703" | 1.862" | 0.079 | 36.0 |
| CS7-2-16 | 1" 90° Street Elbow | 20 | 2.244" | 2.484" | 0.163 | 74.0 |
| CS7-2-20 | 1-1/4" 90° Street Elbow | 10 | 2.563" | 2.835" | 0.243 | 110.0 |
| CS7-2-24 | 1-1/2" 90° Street Elbow | 5 | 3.031" | 3.346" | 0.364 | 165.0 |
| CS7-2-32 | 2" 90° Street Elbow | EA | 3.740" | 4.213" | 0.672 | 305.0 |
| CS7-2-40 | 2-1/2" 90° Street Elbow | EA | 4.508" | 4.941" | 1.124 | 510.0 |
| CS7-2-48 | 3" 90° Street Elbow | EA | 5.238" | 5.368" | 1.764 | 800.0 |
| CS7-2-64 | 4" 90° Street Elbow | EA | 7.030" | 7.441" | 3.417 | 1550.0 |

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45° Elbows

45° Elbow Dimensions and Selection

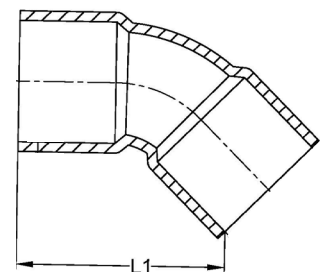
| PART # | OD - DESCRIPTION | BOX QTY | L1 (IN) | WT (LB) | WT (G) |
|--------|------------------|---------|---------|---------|--------|
| CS6-02 | 1/8" 45° Elbow | 100 | 0.630" | 0.008 | 3.5 |
| CS6-04 | 1/4" 45° Elbow | 100 | 0.709" | 0.012 | 5.2 |
| CS6-06 | 3/8" 45° Elbow | 25 | 0.815" | 0.018 | 8.0 |
| CS6-08 | 1/2" 45° Elbow | 25 | 1.094" | 0.031 | 14.0 |
| CS6-10 | 5/8" 45° Elbow | 50 | 1.335" | 0.049 | 22.0 |
| CS6-12 | 3/4" 45° Elbow | 25 | 1.516" | 0.060 | 27.0 |
| CS6-16 | 1" 45° Elbow | 20 | 1.831" | 0.099 | 45.0 |
| CS6-20 | 1-1/4" 45° Elbow | 10 | 2.008" | 0.201 | 91.0 |
| CS6-24 | 1-1/2" 45° Elbow | 5 | 2.307" | 0.304 | 138.0 |
| CS6-32 | 2" 45° Elbow | - | 2.677" | 0.547 | 248.0 |
| CS6-40 | 2-1/2" 45° Elbow | EA | 2.943" | 0.893 | 405.0 |
| CS6-48 | 3" 45° Elbow | EA | 3.329" | 1.433 | 650.0 |
| CS6-56 | 3-1/2" 45° Elbow | EA | 3.919" | 2.205 | 1000.0 |
| CS6-64 | 4" 45° Elbow | EA | 4.372" | 2.535 | 1150.0 |

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45° Street Elbows

45° Street Elbow Dimensions and Selection

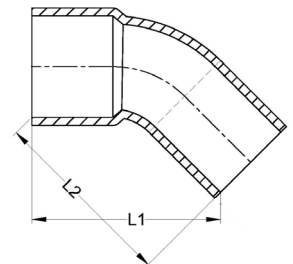
| PART # | OD - DESCRIPTION | BOX QTY | L1 (IN) | L2 (IN) | WT (LB) | WT (G) |
|----------|-------------------------|---------|---------|---------|---------|--------|
| CS6-2-04 | 1/4" 45° Street Elbow | 100 | 0.791" | 0.795" | 0.012 | 5.5 |
| CS6-2-06 | 3/8" 45° Street Elbow | 100 | 0.945" | 0.953" | 0.019 | 8.5 |
| CS6-2-08 | 1/2" 45° Street Elbow | 25 | 1.201" | 1.209" | 0.031 | 14.0 |
| CS6-2-10 | 5/8" 45° Street Elbow | 50 | 1.457" | 1.453" | 0.052 | 23.5 |
| CS6-2-12 | 3/4" 45° Street Elbow | 25 | 1.673" | 1.661" | 0.075 | 34.0 |
| CS6-2-16 | 1" 45° Street Elbow | 20 | 2.004" | 2.035" | 0.128 | 58.0 |
| CS6-2-20 | 1-1/4" 45° Street Elbow | 10 | 2.146" | 2.106" | 0.198 | 90.0 |
| CS6-2-24 | 1-1/2" 45° Street Elbow | 5 | 2.500" | 2.461" | 0.298 | 135.0 |
| CS6-2-32 | 2" 45° Street Elbow | EA | 2.874" | 2.835" | 0.551 | 250.0 |
| CS6-2-40 | 2-1/2" 45° Street Elbow | EA | 3.209" | 3.189" | 0.904 | 410.0 |
| CS6-2-48 | 3" 45° Street Elbow | EA | 3.565" | 3.585" | 1.499 | 680.0 |

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90° Long Radius Elbows

90° Long Radius Elbow Dimensions and Selection

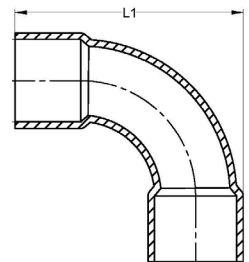
| PART # | OD - DESCRIPTION | BOX QTY | L1 (IN) | WT (LB) | WT (G) |
|----------|------------------------------|---------|---------|---------|--------|
| CS7LT-02 | 1/8" 90° Long Radius Elbow | 100 | 0.906" | 0.011 | 5.0 |
| CS7LT-05 | 5/16" 90° Long Radius Elbow | 100 | 1.142" | 0.017 | 7.8 |
| CS7LT-04 | 1/4" 90° Long Radius Elbow | 25 | 1.260" | 0.020 | 9.0 |
| CS7LT-06 | 3/8" 90° Long Radius Elbow | 100 | 1.295" | 0.030 | 13.5 |
| CS7LT-08 | 1/2" 90° Long Radius Elbow | 25 | 1.654" | 0.050 | 22.5 |
| CS7LT-10 | 5/8" 90° Long Radius Elbow | 50 | 2.008" | 0.077 | 35.0 |
| CS7LT-12 | 3/4" 90° Long Radius Elbow | 25 | 2.264" | 0.115 | 52.0 |
| CS7LT-16 | 1" 90° Long Radius Elbow | 10 | 2.992" | 0.216 | 98.0 |
| CS7LT-20 | 1-1/4" 90° Long Radius Elbow | 10 | 3.547" | 0.364 | 165.0 |
| CS7LT-24 | 1-1/2" 90° Long Radius Elbow | 5 | 4.094" | 0.540 | 245.0 |
| CS7LT-32 | 2" 90° Long Radius Elbow | EA | 5.276" | 0.992 | 450.0 |
| CS7LT-40 | 2-1/2" 90° Long Radius Elbow | EA | 6.083" | 1.499 | 680.0 |
| CS7LT-48 | 3" 90° Long Radius Elbow | EA | 7.325" | 2.535 | 1150.0 |
| CS7LT-64 | 4" 90° Long Radius Elbow | EA | 9.065" | 5.126 | 2325.0 |

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90° Short Radius Elbows

90° Short Radius Elbow Dimensions and Selection

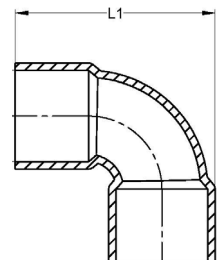
| | PART # | OD - DESCRIPTION | BOX QTY | L1 (IN) | WT (LB) | WT (G) |
|--|--------|-------------------------------|---------|---------|---------|--------|
| | CS7-02 | 1/8" 90° Short Radius Elbow | 100 | 0.748" | 0.008 | 3.5 |
| | CS7-04 | 1/4" 90° Short Radius Elbow | 100 | 0.866" | 0.013 | 6.0 |
| | CS7-06 | 3/8" 90° Short Radius Elbow | 100 | 1.043" | 0.020 | 9.0 |
| | CS7-08 | 1/2" 90° Short Radius Elbow | 25 | 1.280" | 0.034 | 15.2 |
| | CS7-12 | 3/4" 90° Short Radius Elbow | 25 | 1.772" | 0.065 | 29.5 |
| | CS7-16 | 1" 90° Short Radius Elbow | 20 | 2.205" | 0.121 | 55.0 |
| | CS7-20 | 1-1/4" 90° Short Radius Elbow | 10 | 2.551" | 0.225 | 102.0 |
| | CS7-24 | 1-1/2" 90° Short Radius Elbow | 5 | 2.933" | 0.331 | 150.0 |
| | CS7-32 | 2" 90° Short Radius Elbow | EA | 3.839" | 0.639 | 290.0 |
| | CS7-40 | 2-1/2" 90° Short Radius Elbow | EA | 4.575" | 1.102 | 500.0 |
| | CS7-48 | 3" 90° Short Radius Elbow | EA | 5.258" | 1.720 | 780.0 |
| | CS7-64 | 4" 90° Short Radius Elbow | EA | 7.069" | 3.395 | 1540.0 |

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Tee Dimensions and Selection

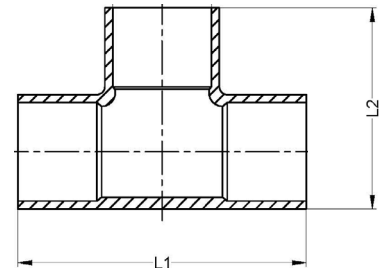
| PART # | OD - DESCRIPTION | BOX QTY | L1 (IN) | L2 (IN) | WT (LB) | WT (G) |
|--------|------------------|---------|---------|---------|---------|--------|
| CST-02 | 1/8" Tee | 100 | 0.976" | 0.634" | 0.013 | 6.1 |
| CST-05 | 5/16" OD Tee | 100 | 1.004" | 0.720" | 0.019 | 8.5 |
| CST-04 | 1/4" Tee | 100 | 1.035" | 0.819" | 0.020 | 9.0 |
| CST-06 | 3/8" Tee | 100 | 1.280" | 1.024" | 0.035 | 15.8 |
| CST-08 | 1/2" Tee | 25 | 1.646" | 1.209" | 0.058 | 26.5 |
| CST-10 | 5/8" Tee | 50 | 1.988" | 1.500" | 0.106 | 48.0 |
| CST-12 | 3/4" Tee | 10 | 2.429" | 1.791" | 0.143 | 65.0 |
| CST-16 | 1" Tee | 10 | 3.083" | 2.213" | 0.267 | 121.0 |
| CST-20 | 1-1/4" Tee | 10 | 3.445" | 2.559" | 0.375 | 170.0 |
| CST-24 | 1-1/2" Tee | 5 | 3.898" | 2.953" | 0.595 | 270.0 |
| CST-32 | 2" Tee | - | 4.951" | 3.760" | 1.047 | 475.0 |
| CST-40 | 2-1/2" Tee | EA | 5.817" | 4.439" | 1.720 | 780.0 |
| CST-48 | 3" Tee | EA | 6.703" | 5.167" | 2.646 | 1200.0 |
| CST-64 | 4" Tee | EA | 8.652" | 6.821" | 5.512 | 2500.0 |

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Reducing Tees

Reducing Tee Dimensions and Selection

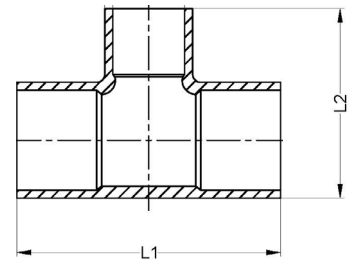
| PART # | OD - DESCRIPTION | BOX QTY | L1 (IN) | L2 (IN) | WT (LB) | WT (G) |
|--------------|-------------------------------------|---------|---------|---------|---------|--------|
| CST-04-04-02 | 1/4" x 1/4" x 1/8" Reducing Tee | 100 | 1.154" | 0.760" | 0.022 | 10 |
| CST-06-06-02 | 3/8" x 3/8" x 1/8" Reducing Tee | 100 | 1.142" | 0.858" | 0.042 | 19 |
| CST-06-06-04 | 3/8" x 3/8" x 1/4" Reducing Tee | 100 | 1.220" | 0.965" | 0.042 | 19 |
| CST-08-08-02 | 1/2" x 1/2" x 1/8" Reducing Tee | 50 | 1.358" | 1.004" | 0.049 | 22 |
| CST-08-08-04 | 1/2" x 1/2" x 1/4" Reducing Tee | 50 | 1.496" | 1.102" | 0.049 | 22 |
| CST-08-08-06 | 1/2" x 1/2" x 3/8" Reducing Tee | 50 | 1.555" | 1.142" | 0.049 | 22 |
| CST-10-10-04 | 5/8" x 5/8" x 1/4" Reducing Tee | 50 | 1.732" | 1.240" | 0.088 | 40 |
| CST-10-10-06 | 5/8" x 5/8" x 3/8" Reducing Tee | 50 | 1.799" | 1.280" | 0.088 | 40 |
| CST-10-10-08 | 5/8" x 5/8" x 1/2" Reducing Tee | 50 | 2.071" | 1.461" | 0.088 | 40 |
| CST-12-12-04 | 3/4" x 3/4" x 1/4" Reducing Tee | 25 | 1.929" | 1.327" | 0.115 | 52 |
| CST-12-12-06 | 3/4" x 3/4" x 3/8" Reducing Tee | 25 | 2.067" | 1.453" | 0.115 | 52 |
| CST-12-12-08 | 3/4" x 3/4" x 1/2" Reducing Tee | 25 | 2.165" | 1.520" | 0.132 | 60 |
| CST-12-12-10 | 3/4" x 3/4" x 5/8" Reducing Tee | 25 | 2.323" | 1.594" | 0.132 | 60 |
| CST-16-16-08 | 1" x 1" x 1/2" Reducing Tee | 10 | 2.539" | 1.850" | 0.231 | 105 |
| CST-16-16-06 | 1" x 1" x 3/8" Reducing Tee | 10 | 2.461" | 1.693" | 0.254 | 115 |
| CST-16-16-10 | 1" x 1" x 5/8" Reducing Tee | 10 | 2.677" | 1.921" | 0.254 | 115 |
| CST-16-16-12 | 1" x 1" x 3/4" Reducing Tee | 10 | 2.827" | 2.098" | 0.265 | 120 |
| CST-20-20-08 | 1-1/4" x 1-1/4" x 1/2" Reducing Tee | 10 | 2.677" | 2.106" | 0.32 | 145 |
| CST-20-20-12 | 1-1/4" x 1-1/4" x 3/4" Reducing Tee | 10 | 2.874" | 2.343" | 0.342 | 155 |
| CST-20-20-16 | 1-1/4" x 1-1/4" x 1" Reducing Tee | 10 | 3.189" | 2.441" | 0.342 | 155 |
| CST-24-24-08 | 1-1/2" x 1-1/2" x 1/2" Reducing Tee | 5 | 2.933" | 2.362" | 0.496 | 225 |
| CST-24-24-12 | 1-1/2" x 1-1/2" x 3/4" Reducing Tee | 5 | 3.150" | 2.618" | 0.496 | 225 |
| CST-24-24-16 | 1-1/2" x 1-1/2" x 1" Reducing Tee | 5 | 3.406" | 2.756" | 0.562 | 255 |

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Reducing Tees - Continued

Reducing Tee Dimensions and Selection

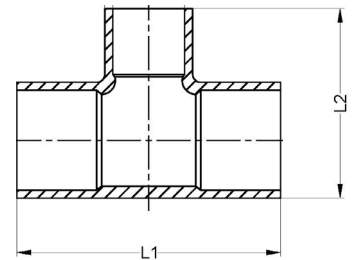
| PART # | OD - DESCRIPTION | BOX QTY | L1 (IN) | L2 (IN) | WT (LB) | WT (G) |
|--------------|---------------------------------------|---------|---------|---------|---------|--------|
| CST-24-24-20 | 1-1/2" x 1-1/2" x 1-1/4" Reducing Tee | 5 | 3.701" | 2.843" | 0.584 | 265 |
| CST-32-32-08 | 2" x 2" x 1/2" Reducing Tee | EA | 3.524" | 2.862" | 0.783 | 355 |
| CST-32-32-12 | 2" x 2" x 3/4" Reducing Tee | - | 3.730" | 3.098" | 0.827 | 375 |
| CST-32-32-16 | 2" x 2" x 1" Reducing Tee | - | 3.947" | 3.307" | 0.904 | 410 |
| CST-32-32-20 | 2" x 2" x 1-1/4" Reducing Tee | EA | 4.281" | 3.398" | 0.937 | 425 |
| CST-32-32-24 | 2" x 2" x 1-1/2" Reducing Tee | - | 4.419" | 3.465" | 1.014 | 460 |
| CST-40-40-16 | 2-1/2" x 2-1/2" x 1" Reducing Tee | EA | 4.262" | 3.780" | 1.367 | 620 |
| CST-40-40-32 | 2-1/2" x 2-1/2" x 2" Reducing Tee | EA | 5.285" | 4.215" | 1.587 | 720 |
| CST-40-40-08 | 2-1/2" x 2-1/2" x 1/2" Reducing Tee | EA | 3.927" | 3.622" | 1.653 | 750 |
| CST-40-40-12 | 2-1/2" x 2-1/2" x 3/4" Reducing Tee | EA | 4.081" | 3.642" | 1.653 | 750 |
| CST-40-40-20 | 2-1/2" x 2-1/2" x 1-1/4" Reducing Tee | EA | 4.577" | 3.917" | 1.653 | 750 |
| CST-40-40-24 | 2-1/2" x 2-1/2" x 1-1/2" Reducing Tee | EA | 4.715" | 4.016" | 1.653 | 750 |
| CST-48-48-08 | 3" x 3" x 1/2" Reducing Tee | EA | 4.705" | 4.567" | 2.976 | 1350 |
| CST-48-48-12 | 3" x 3" x 3/4" Reducing Tee | EA | 4.754" | 4.185" | 2.976 | 1350 |
| CST-48-48-16 | 3" x 3" x 1" Reducing Tee | EA | 4.715" | 4.370" | 2.976 | 1350 |
| CST-48-48-20 | 3" x 3" x 1-1/4" Reducing Tee | EA | 5.059" | 4.980" | 2.976 | 1350 |
| CST-48-48-24 | 3" x 3" x 1-1/2" Reducing Tee | EA | 5.089" | 4.646" | 2.976 | 1350 |
| CST-48-48-32 | 3" x 3" x 2" Reducing Tee | EA | 5.679" | 4.825" | 2.976 | 1350 |
| CST-48-48-40 | 3" x 3" x 2-1/2" Reducing Tee | EA | 6.112" | 4.963" | 2.976 | 1350 |
| CST-64-64-48 | 4" x 4" x 3" Reducing Tee | EA | 7.589" | 6.250" | 5.401 | 2450 |
| CST-64-64-32 | 4" x 4" x 2" Reducing Tee | EA | 6.644" | 6.026" | 5.512 | 2500 |
| CST-64-64-40 | 4" x 4" x 2-1/2" Reducing Tee | EA | 7.028" | 6.124" | 5.512 | 2500 |

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Reducing Tees

Reducing Tee Dimensions and Selection

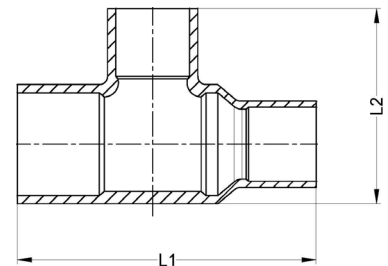
| PART # | OD - DESCRIPTION | BOX QTY | L1 (IN) | L2 (IN) | WT (LB) | WT (G) |
|--------------|-------------------------------------|---------|---------|---------|---------|--------|
| CST-04-02-02 | 1/4" x 1/8" x 1/8" Reducing Tee | 100 | 1.319" | 0.744" | 0.022 | 10.0 |
| CST-06-04-02 | 3/8" x 1/4" x 1/8" Reducing Tee | 100 | 1.240" | 0.866" | 0.042 | 19.0 |
| CST-06-04-04 | 3/8" x 1/4" x 1/4" Reducing Tee | 100 | 1.366" | 0.921" | 0.042 | 19.0 |
| CST-08-06-06 | 1/2" x 3/8" x 3/8" Reducing Tee | 50 | 1.772" | 1.130" | 0.062 | 28.0 |
| CST-10-08-08 | 5/8" x 1/2" x 1/2" Reducing Tee | 50 | 2.165" | 1.378" | 0.099 | 45.0 |
| CST-12-08-06 | 3/4" x 1/2" x 3/8" Reducing Tee | 25 | 2.323" | 1.417" | 0.154 | 70.0 |
| CST-12-08-08 | 3/4" x 1/2" x 1/2" Reducing Tee | 25 | 2.421" | 1.508" | 0.137 | 62.0 |
| CST-12-10-10 | 3/4" x 5/8" x 5/8" Reducing Tee | 25 | 2.461" | 1.626" | 0.154 | 70.0 |
| CST-16-08-08 | 1" x 1/2" x 1/2" Reducing Tee | 10 | 2.717" | 1.841" | 0.254 | 115.0 |
| CST-16-08-12 | 1" x 1/2" x 3/4" Reducing Tee | 10 | 2.894" | 2.087" | 0.254 | 115.0 |
| CST-16-12-08 | 1" x 3/4" x 1/2" Reducing Tee | 10 | 2.886" | 1.795" | 0.254 | 115.0 |
| CST-16-12-12 | 1" x 3/4" x 3/4" Reducing Tee | 10 | 3.110" | 2.146" | 0.265 | 120.0 |
| CST-20-12-12 | 1-1/4" x 3/4" x 3/4" Reducing Tee | 10 | 3.417" | 2.307" | 0.375 | 170.0 |
| CST-20-12-16 | 1-1/4" x 3/4" x 1" Reducing Tee | 10 | 3.543" | 2.500" | 0.375 | 170.0 |
| CST-20-16-08 | 1-1/4" x 1" x 1/2" Reducing Tee | 10 | 3.071" | 2.094" | 0.375 | 170.0 |
| CST-20-16-12 | 1-1/4" x 1" x 3/4" Reducing Tee | 10 | 3.465" | 2.343" | 0.375 | 170.0 |
| CST-20-16-16 | 1-1/4" x 1" x 1" Reducing Tee | 10 | 3.724" | 2.441" | 0.397 | 180.0 |
| CST-24-12-08 | 1-1/2" x 3/4" x 1/2" Reducing Tee | EA | 3.484" | 2.323" | 0.412 | 186.9 |
| CST-24-12-12 | 1-1/2" x 3/4" x 3/4" Reducing Tee | 5 | 3.614" | 2.579" | 0.573 | 260.0 |
| CST-24-12-16 | 1-1/2" x 3/4" x 1" Reducing Tee | 5 | 3.780" | 2.732" | 0.573 | 260.0 |
| CST-24-12-20 | 1-1/2" x 3/4" x 1-1/4" Reducing Tee | 5 | 4.039" | 2.874" | 0.573 | 260.0 |
| CST-24-16-08 | 1-1/2" x 1" x 1/2" Reducing Tee | EA | 4.193" | 2.921" | 0.392 | 177.8 |
| CST-24-16-12 | 1-1/2" x 1" x 3/4" Reducing Tee | 5 | 3.701" | 2.638" | 0.573 | 260.0 |

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Reducing Tees - Continued

Reducing Tee Dimensions and Selection

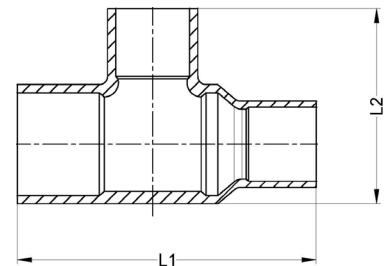
| PART # | OD - DESCRIPTION | BOX QTY | L1 (IN) | L2 (IN) | WT (LB) | WT (G) |
|--------------|---------------------------------------|---------|---------|---------|---------|--------|
| CST-24-16-16 | 1-1/2" x 1" x 1" Reducing Tee | 5 | 3.917" | 2.732" | 0.573 | 260.0 |
| CST-24-20-12 | 1-1/2" x 1-1/4" x 3/4" Reducing Tee | 5 | 3.563" | 2.579" | 0.573 | 260.0 |
| CST-24-20-16 | 1-1/2" x 1-1/4" x 1" Reducing Tee | 5 | 3.917" | 2.732" | 0.573 | 260.0 |
| CST-24-20-20 | 1-1/2" x 1-1/4" x 1-1/4" Reducing Tee | 5 | 4.114" | 2.884" | 0.573 | 260.0 |
| CST-32-20-16 | 2" x 1-1/4" x 1" Reducing Tee | EA | 4.443" | 3.252" | 0.926 | 420.0 |
| CST-32-20-20 | 2" x 1-1/4" x 1-1/4" Reducing Tee | EA | 4.648" | 3.386" | 0.926 | 420.0 |
| CST-32-20-24 | 2" x 1-1/4" x 1-1/2" Reducing Tee | EA | 5.002" | 3.614" | 0.926 | 420.0 |
| CST-32-24-12 | 2" x 1-1/2" x 3/4" Reducing Tee | EA | 4.274" | 3.071" | 0.757 | 343.4 |
| CST-32-24-16 | 2" x 1-1/2" x 1" Reducing Tee | EA | 4.530" | 3.307" | 0.926 | 420.0 |
| CST-32-24-20 | 2" x 1-1/2" x 1-1/4" Reducing Tee | EA | 4.549" | 3.406" | 0.926 | 420.0 |
| CST-32-24-24 | 2" x 1-1/2" x 1-1/2" Reducing Tee | EA | 5.002" | 3.622" | 0.926 | 420.0 |
| CST-40-32-16 | 2-1/2" x 2" x 1" Reducing Tee | EA | 4.821" | 3.799" | 1.653 | 750.0 |
| CST-40-32-20 | 2-1/2" x 2" x 1-1/4" Reducing Tee | EA | 5.337" | 3.898" | 1.653 | 750.0 |
| CST-40-32-24 | 2-1/2" x 2" x 1-1/2" Reducing Tee | EA | 5.433" | 4.016" | 1.653 | 750.0 |
| CST-40-32-32 | 2-1/2" x 2" x 2" Reducing Tee | EA | 5.829" | 4.254" | 1.653 | 750.0 |
| CST-48-32-32 | 3" x 2" x 2" Reducing Tee | EA | 6.360" | 4.825" | 2.976 | 1350.0 |
| CST-48-40-32 | 3" x 2-1/2" x 2" Reducing Tee | EA | 6.163" | 4.884" | 2.976 | 1350.0 |
| CST-48-40-40 | 3" x 2-1/2" x 2-1/2" Reducing Tee | EA | 6.793" | 4.856" | 2.976 | 1350.0 |

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Reducing Tees

Reducing Tee Dimensions and Selection

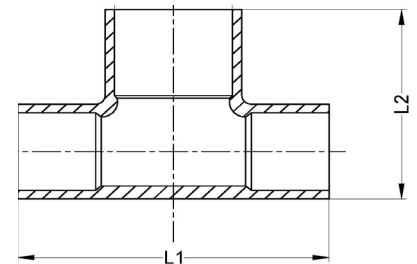
| | PART # | OD - DESCRIPTION | BOX QTY | L1 (IN) | L2 (IN) | WT (LB) | WT (G) |
|--|--------------|---------------------------------------|---------|---------|---------|---------|--------|
| | CST-02-02-04 | 1/8" x 1/8" x 1/4" Reducing Tee | 100 | 1.102" | 0.728" | 0.028 | 12.5 |
| | CST-04-04-06 | 1/4" x 1/4" x 3/8" Reducing Tee | 100 | 1.220" | 0.965" | 0.044 | 20 |
| | CST-08-08-12 | 1/2" x 1/2" x 3/4" Reducing Tee | 25 | 1.909" | 1.677" | 0.106 | 48 |
| | CST-12-12-16 | 3/4" x 3/4" x 1" Reducing Tee | 10 | 2.736" | 2.047" | 0.221 | 100 |
| | CST-08-08-16 | 1/2" x 1/2" x 1" Reducing Tee | 10 | 2.362" | 1.929" | 0.243 | 110 |
| | CST-16-16-20 | 1" x 1" x 1-1/4" Reducing Tee | 10 | 3.307" | 2.461" | 0.397 | 180 |
| | CST-20-20-24 | 1-1/4" x 1-1/4" x 1-1/2" Reducing Tee | 5 | 3.673" | 2.972" | 0.523 | 237.2 |
| | CST-16-16-24 | 1" x 1" x 1-1/2" Reducing Tee | 5 | 3.583" | 2.559" | 0.551 | 250 |
| | CST-20-20-32 | 1-1/4" x 1-1/4" x 2" Reducing Tee | EA | 5.925" | 3.809" | 1.102 | 500 |
| | CST-24-24-32 | 1-1/2" x 1-1/2" x 2" Reducing Tee | EA | 5.650" | 3.821" | 1.323 | 600 |

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Reducing Tees

Reducing Tee Dimensions and Selection

| PART # | OD - DESCRIPTION | BOX QTY | L1 (IN) | L2 (IN) | WT (LB) | WT (G) |
|--------------|---------------------------------------|---------|---------|---------|---------|--------|
| CST-04-02-04 | 1/4" x 1/8" x 1/4" Reducing Tee | 100 | 1.280" | 0.787" | 0.022 | 10.0 |
| CST-06-02-06 | 3/8" x 1/8" x 3/8" Reducing Tee | 100 | 1.516" | 0.984" | 0.042 | 19.0 |
| CST-06-04-06 | 3/8" x 1/4" x 3/8" Reducing Tee | 100 | 1.480" | 1.024" | 0.038 | 17.0 |
| CST-08-06-08 | 1/2" x 3/8" x 1/2" Reducing Tee | 50 | 1.882" | 1.260" | 0.062 | 28.0 |
| CST-12-08-12 | 3/4" x 1/2" x 3/4" Reducing Tee | 25 | 2.638" | 1.756" | 0.159 | 72.0 |
| CST-16-08-16 | 1" x 1/2" x 1" Reducing Tee | 10 | 3.280" | 2.201" | 0.287 | 130.0 |
| CST-16-12-16 | 1" x 3/4" x 1" Reducing Tee | 10 | 3.346" | 2.197" | 0.298 | 135.0 |
| CST-20-12-20 | 1-1/4" x 3/4" x 1-1/4" Reducing Tee | 10 | 3.839" | 2.567" | 0.419 | 190.0 |
| CST-20-16-20 | 1-1/4" x 1" x 1-1/4" Reducing Tee | 10 | 3.819" | 2.559" | 0.430 | 195.0 |
| CST-24-08-24 | 1-1/2" x 1/2" x 1-1/2" Reducing Tee | EA | 4.390" | 2.898" | 0.565 | 256.3 |
| CST-24-12-24 | 1-1/2" x 3/4" x 1-1/2" Reducing Tee | 5 | 4.370" | 2.953" | 0.661 | 300.0 |
| CST-24-16-24 | 1-1/2" x 1" x 1-1/2" Reducing Tee | 5 | 4.370" | 2.898" | 0.661 | 300.0 |
| CST-24-20-24 | 1-1/2" x 1-1/4" x 1-1/2" Reducing Tee | 5 | 4.193" | 2.898" | 0.661 | 300.0 |
| CST-32-12-32 | 2" x 3/4" x 2" Reducing Tee | EA | 5.553" | 3.762" | 1.094 | 496.2 |
| CST-32-20-32 | 2" x 1-1/4" x 2" Reducing Tee | EA | 5.652" | 3.762" | 1.102 | 500.0 |
| CST-32-24-32 | 2" x 1-1/2" x 2" Reducing Tee | EA | 5.478" | 3.762" | 1.102 | 500.0 |
| CST-40-24-40 | 2" x 1-1/2" x 2-1/2" Reducing Tee | EA | 6.439" | 4.470" | 1.874 | 850.0 |
| CST-40-32-40 | 2-1/2" x 2" x 2-1/2" Reducing Tee | EA | 6.459" | 4.490" | 1.874 | 850.0 |
| CST-48-32-48 | 3" x 2" x 3" Reducing Tee | EA | 7.382" | 5.049" | 2.976 | 1350.0 |
| CST-48-40-48 | 3" x 2-1/2" x 3" Reducing Tee | EA | 7.285" | 5.238" | 2.976 | 1350.0 |

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