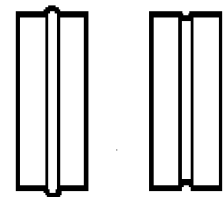
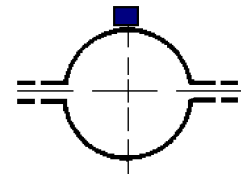
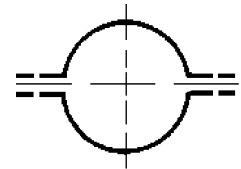
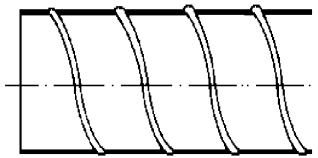
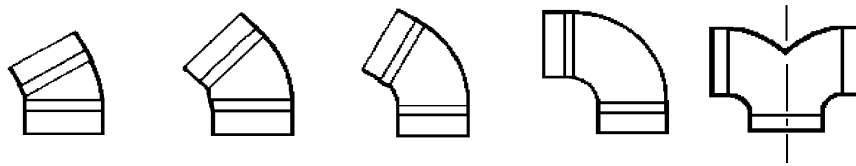
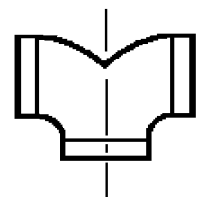
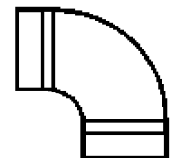
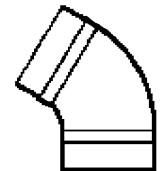
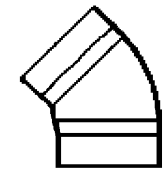
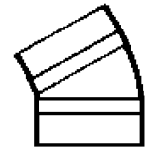


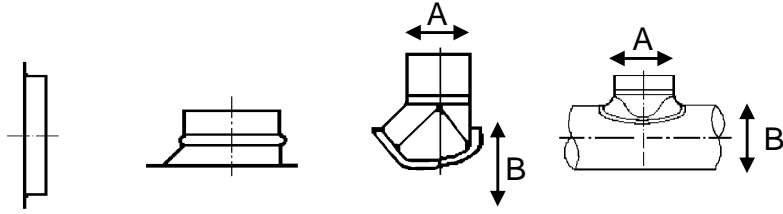
| | Spiral x 3m | Coupler | End Cap | Split Ring per Pair |
|-------------|-------------|-----------------------------|---------|----------------------------------|
| Code | S-Ø | C-Ø (male) CF-Ø (female) | EC-Ø | SPT-Ø SPTB-Ø (Centre Boss) |
| Size | | | | |
| 80 | 20.39 | 1.57 | 2.30 | 2.59 |
| 100 | 10.82 | 1.57 | 1.77 | 2.59 |
| 125 | 13.36 | 1.68 | 2.30 | 2.81 |
| 150 | 15.87 | 1.73 | 2.30 | 2.81 |
| 160 | 17.21 | 1.81 | 2.30 | 3.29 |
| 180 | 20.72 | 1.95 | 3.68 | 3.57 |
| 200 | 20.72 | 1.95 | 2.74 | 3.57 |
| 224 | 28.01 | 2.30 | 5.21 | 3.87 |
| 250 | 32.40 | 2.30 | 3.63 | 3.98 |
| 280 | 34.75 | 2.86 | 9.92 | 4.12 |
| 300 | 37.50 | 3.08 | 7.18 | 4.92 |
| 315 | 39.50 | 3.42 | 7.18 | 4.92 |
| 355 | 54.32 | 4.31 | 11.56 | 6.27 |
| 400 | 60.65 | 5.79 | 12.62 | 6.27 |
| 450 | 71.13 | 6.31 | 16.03 | 6.89 |
| 500 | 76.31 | 6.64 | 18.07 | 8.03 |
| 560 | 100.38 | 8.25 | 20.54 | 8.68 |
| 600 | 113.18 | 11.89 | 26.71 | 9.14 |
| 630 | 119.56 | 11.89 | 26.71 | 9.92 |
| 710 | 161.46 | 14.53 | 41.07 | 10.49 |
| 800 | 184.17 | 16.46 | 49.28 | 12.40 |
| 900 | 224.71 | 19.10 | 53.39 | 13.04 |
| 1000 | 255.56 | 22.66 | 61.61 | 13.88 |



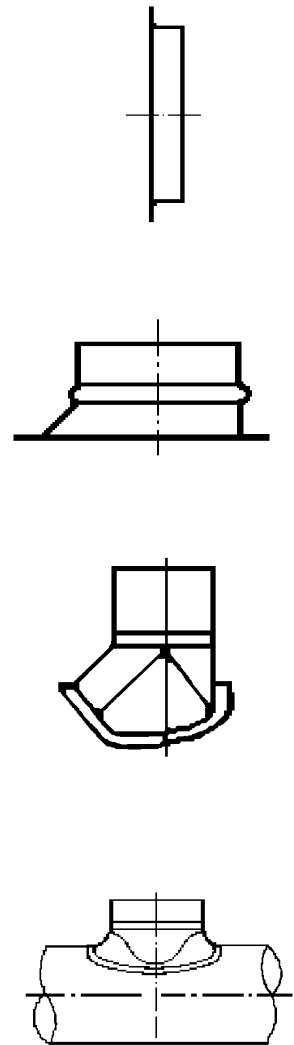


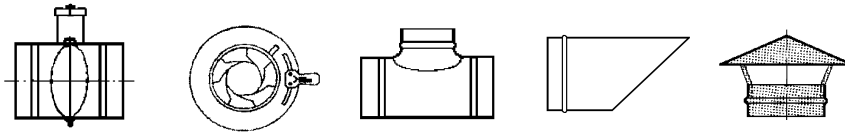
| | 30 Degree | 45 Degree | 60 degree | 90 Degree | 90 Degree Twin Bend |
|-------------|------------------|------------------|------------------|------------------|----------------------------|
| Code | B-30/Ø | B-45/Ø | B-60/Ø | B-90/Ø | TB-Ø |
| Size | | | | | |
| 80 | | 3.83 | | 4.84 | |
| 100 | 5.02 | 3.74 | 6.75 | 4.84 | 33.31 |
| 125 | 5.97 | 4.47 | 7.98 | 5.92 | 39.76 |
| 150 | 8.19 | 5.28 | 14.21 | 7.67 | 51.59 |
| 160 | 8.53 | 5.85 | 14.70 | 8.59 | 53.55 |
| 180 | 11.95 | 7.59 | 18.01 | 11.47 | 63.87 |
| 200 | 11.95 | 7.59 | 18.19 | 11.47 | 73.53 |
| 224 | 11.97 | 12.82 | 18.96 | 18.40 | 101.10 |
| 250 | 11.97 | 12.82 | 19.34 | 18.39 | 104.97 |
| 280 | 15.09 | 16.27 | 23.34 | 22.17 | 115.56 |
| 300 | 15.25 | 16.27 | 24.68 | 23.45 | 116.41 |
| 315 | 15.60 | 18.11 | 26.18 | 24.87 | 132.32 |
| 355 | 22.60 | 20.13 | 28.63 | 27.20 | 142.45 |
| 400 | 23.77 | 31.82 | 41.74 | 41.74 | 171.08 |
| 450 | 26.24 | 32.99 | 52.42 | 52.42 | 194.09 |
| 500 | 31.95 | 43.13 | 60.59 | 60.59 | 244.36 |
| 560 | 42.08 | 51.85 | 74.27 | 85.96 | 277.61 |
| 600 | 44.76 | 60.40 | 83.88 | 94.19 | 305.34 |
| 630 | 47.94 | 65.22 | 92.23 | 99.15 | 312.71 |
| 710 | 71.06 | 101.98 | 181.09 | 189.27 | 598.24 |
| 800 | 83.37 | 125.61 | 206.21 | 206.21 | 611.83 |
| 900 | 109.04 | 163.91 | 301.22 | 301.22 | 734.21 |
| 1000 | 136.92 | 265.89 | 426.10 | 426.10 | 951.75 |



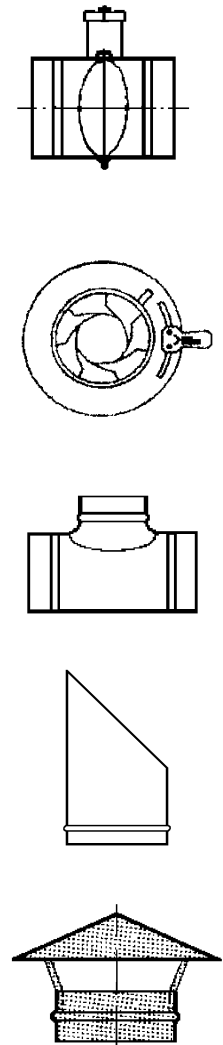


| | Flanged Spigot | Flat Shoe | Curved Boot | Pressed Saddle |
|-------------|-----------------------|------------------|--------------------|-----------------------|
| Code | SP-Ø | SH-Ø | CB-AØ/BØ | PS-AØ/BØ |
| Size | | | | |
| 80 | 3.03 | 13.75 | | 4.06 |
| 100 | 1.69 | 10.63 | 13.52 | 3.44 |
| 125 | 1.84 | 11.33 | 14.03 | 3.55 |
| 150 | 1.96 | 13.06 | 14.09 | 4.14 |
| 160 | 2.08 | 13.53 | 15.75 | 4.36 |
| 180 | 2.53 | 16.11 | 17.18 | 7.01 |
| 200 | 2.53 | 16.11 | 18.65 | 5.84 |
| 224 | 3.22 | 19.77 | 21.87 | 9.87 |
| 250 | 3.22 | 19.77 | 21.87 | 9.96 |
| 280 | 4.50 | 24.69 | 26.08 | 19.71 |
| 300 | 4.50 | 24.69 | 26.45 | 19.71 |
| 315 | 4.99 | 25.66 | 26.45 | 19.71 |
| 355 | 5.80 | 34.40 | 40.80 | 29.58 |
| 400 | 7.19 | 36.36 | 51.87 | 33.53 |
| 450 | 8.41 | 45.93 | 54.08 | 37.27 |
| 500 | 8.89 | 55.25 | 66.19 | 42.38 |
| 560 | 9.17 | 84.63 | 73.71 | 44.36 |
| 600 | 10.00 | 93.15 | 76.84 | 52.05 |

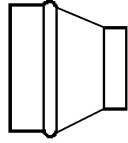




| | Balancing Damper | Iris Damper | Equal Tee | Mesh Birds Beak | Weathering Cowl |
|-------------|-------------------------|--------------------|------------------|------------------------|------------------------|
| Code | BD-Ø | ID-Ø | T-Ø | BB-Ø | RC-Ø |
| Size | | | | | |
| 80 | 12.65 | | | 31.33 | 31.33 |
| 100 | 12.27 | 38.99 | 10.01 | 24.50 | 31.33 |
| 125 | 12.74 | 42.48 | 10.52 | 25.50 | 32.84 |
| 150 | 13.38 | 45.14 | 14.23 | 26.75 | 32.84 |
| 160 | 13.88 | 47.20 | 14.95 | 27.50 | 32.84 |
| 180 | 14.18 | | 18.84 | 29.45 | 37.80 |
| 200 | 14.18 | 51.30 | 18.84 | 29.45 | 37.80 |
| 224 | 16.94 | | 26.87 | 34.50 | 37.80 |
| 250 | 16.94 | 80.03 | 31.83 | 34.50 | 37.80 |
| 280 | 19.46 | | 44.40 | 40.14 | 42.42 |
| 300 | 19.74 | 104.65 | 44.78 | 40.14 | 42.42 |
| 315 | 20.56 | 94.39 | 47.47 | 42.76 | 45.06 |
| 355 | 31.07 | | 79.15 | 48.50 | 50.86 |
| 400 | 36.80 | | 89.75 | 52.72 | 50.86 |
| 450 | 46.19 | | 99.52 | 57.50 | 56.71 |



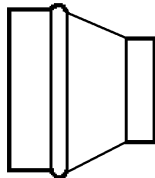
Pressed Reducers



Code: R-large Ø-small Ø

| Reduced to :- | | | | | | |
|---------------|------|------|-------|------|-------|-------|
| | 100 | 125 | 150 | 160 | 200 | 250 |
| 125 | 5.18 | | | | | |
| 150 | 5.18 | 5.18 | | | | |
| 160 | 5.18 | 5.18 | 5.56 | | | |
| 200 | 6.42 | 6.42 | 6.42 | 6.42 | | |
| 250 | | 8.46 | 8.46 | 8.46 | 8.46 | |
| 300 | | | 19.27 | | 14.01 | 14.01 |
| 315 | | | | | 14.51 | 14.51 |

Fabricated Reducers



| Reduced to :- | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 315 | 355 | 400 | 450 | 500 | 560 | 600 | 630 |
| 355 | 27.41 | | | | | | | |
| 400 | 30.83 | 30.83 | | | | | | |
| 450 | 31.83 | 31.83 | 31.83 | | | | | |
| 500 | 35.29 | 35.29 | 35.29 | 35.29 | | | | |
| 560 | 46.06 | 46.06 | 46.06 | 46.06 | 46.06 | | | |
| 600 | 57.11 | 57.11 | 57.11 | 57.11 | 57.11 | 57.11 | | |
| 630 | 57.11 | 57.11 | 57.11 | 57.11 | 57.11 | 57.11 | 57.11 | |
| 710 | 81.80 | 81.80 | 81.80 | 81.80 | 81.80 | 81.80 | 81.80 | 81.80 |