

STEEL BUTT-WELDING PIPE FITTINGS

KS | JIS

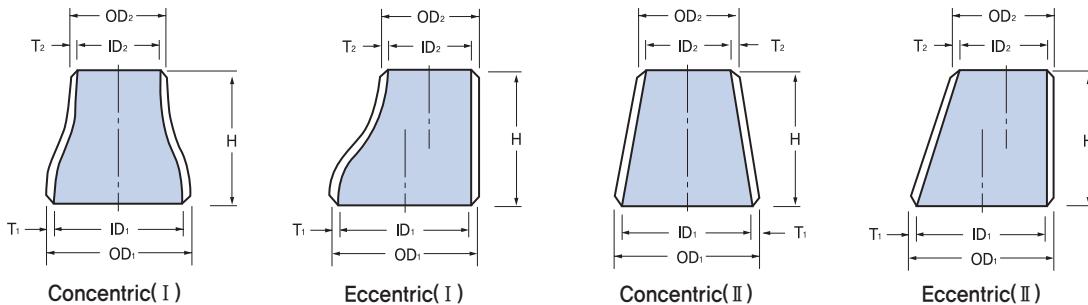
• Reducer

SPP/SGP

KS B 1522, JIS B 2311

Unit : mm

| Nominal Pipe Size | Large End | | | Small End | | | End to End H |
|-------------------|----------------------------------|---------------------------------|-------------------------------|----------------------------------|---------------------------------|-------------------------------|--------------|
| | Outside Diameter OD ₁ | Inside Diameter ID ₁ | Wall Thickness T ₁ | Outside Diameter OD ₂ | Inside Diameter ID ₂ | Wall Thickness T ₂ | |
| 20× 15 | 27.2 | 21.6 | 2.8 | 21.7 | 16.1 | 2.8 | 38.1 |
| 25× 20 | 34.0 | 27.6 | 3.2 | 27.2 | 21.6 | 2.8 | 50.8 |
| 25× 15 | 34.0 | 27.6 | 3.2 | 21.7 | 16.1 | 2.8 | 50.8 |
| 32× 25 | 42.7 | 35.7 | 3.5 | 34.0 | 27.6 | 3.2 | 50.8 |
| 32× 20 | 42.7 | 35.7 | 3.5 | 27.2 | 21.6 | 2.8 | 50.8 |
| 32× 15 | 42.7 | 35.7 | 3.5 | 21.7 | 16.1 | 2.8 | 50.8 |
| 40× 32 | 48.6 | 41.6 | 3.5 | 42.7 | 35.7 | 3.5 | 63.5 |
| 40× 25 | 48.6 | 41.6 | 3.5 | 34.0 | 27.6 | 3.2 | 63.5 |
| 40× 20 | 48.6 | 41.6 | 3.5 | 27.2 | 21.6 | 2.8 | 63.5 |
| 40× 15 | 48.6 | 41.6 | 3.5 | 21.7 | 16.1 | 2.8 | 63.5 |
| 50× 40 | 60.5 | 52.9 | 3.8 | 48.6 | 41.6 | 3.5 | 76.2 |
| 50× 32 | 60.5 | 52.9 | 3.8 | 42.7 | 35.7 | 3.5 | 76.2 |
| 50× 25 | 60.5 | 52.9 | 3.8 | 34.0 | 27.6 | 3.2 | 76.2 |
| 50× 20 | 60.5 | 52.9 | 3.8 | 27.2 | 21.6 | 2.8 | 76.2 |
| 65× 50 | 76.3 | 67.9 | 4.2 | 60.5 | 52.9 | 3.8 | 88.9 |
| 65× 40 | 76.3 | 67.9 | 4.2 | 48.6 | 41.6 | 3.5 | 88.9 |
| 65× 32 | 76.3 | 67.9 | 4.2 | 42.7 | 35.7 | 3.5 | 88.9 |
| 65× 25 | 76.3 | 67.9 | 4.2 | 34.0 | 27.6 | 3.2 | 88.9 |
| 80× 65 | 89.1 | 80.7 | 4.2 | 76.3 | 67.9 | 4.2 | 88.9 |
| 80× 50 | 89.1 | 80.7 | 4.2 | 60.5 | 52.9 | 3.8 | 88.9 |
| 80× 40 | 89.1 | 80.7 | 4.2 | 48.6 | 41.6 | 3.5 | 88.9 |
| 80× 32 | 89.1 | 80.7 | 4.2 | 42.7 | 35.7 | 3.5 | 88.9 |
| 90× 80 | 101.6 | 93.2 | 4.2 | 89.1 | 80.7 | 4.2 | 101.6 |
| 90× 65 | 101.6 | 93.2 | 4.2 | 76.3 | 67.9 | 4.2 | 101.6 |
| 90× 50 | 101.6 | 93.2 | 4.2 | 60.5 | 52.9 | 3.8 | 101.6 |
| 90× 40 | 101.6 | 93.2 | 4.2 | 48.6 | 41.6 | 3.5 | 101.6 |
| 90× 32 | 101.6 | 93.2 | 4.2 | 42.7 | 35.7 | 3.5 | 101.6 |
| 100× 90 | 114.3 | 105.3 | 4.5 | 101.6 | 93.2 | 4.2 | 101.6 |
| 100× 80 | 114.3 | 105.3 | 4.5 | 89.1 | 80.7 | 4.2 | 101.6 |
| 100× 65 | 114.3 | 105.3 | 4.5 | 76.3 | 67.9 | 4.2 | 101.6 |
| 100× 50 | 114.3 | 105.3 | 4.5 | 60.5 | 52.9 | 3.8 | 101.6 |
| 100× 40 | 114.3 | 105.3 | 4.5 | 48.6 | 41.6 | 3.5 | 101.6 |
| 125× 100 | 139.8 | 130.8 | 4.5 | 114.3 | 105.3 | 4.5 | 127.0 |
| 125× 90 | 139.8 | 130.8 | 4.5 | 101.6 | 93.2 | 4.2 | 127.0 |
| 125× 80 | 139.8 | 130.8 | 4.5 | 89.1 | 80.7 | 4.2 | 127.0 |
| 125× 65 | 139.8 | 130.8 | 4.5 | 76.3 | 67.9 | 4.2 | 127.0 |
| 125× 50 | 139.8 | 130.8 | 4.5 | 60.5 | 52.9 | 3.8 | 127.0 |



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Unit : mm

| Nominal Pipe Size | Large End | | | Small End | | | End to End H |
|-------------------|----------------------------------|---------------------------------|-------------------------------|----------------------------------|---------------------------------|-------------------------------|--------------|
| | Outside Diameter OD ₁ | Inside Diameter ID ₁ | Wall Thickness T ₁ | Outside Diameter OD ₂ | Inside Diameter ID ₂ | Wall Thickness T ₂ | |
| 150×125 | 165.2 | 155.2 | 5.0 | 139.8 | 130.8 | 4.5 | 139.7 |
| 150×100 | 165.2 | 155.2 | 5.0 | 114.3 | 105.3 | 4.5 | 139.7 |
| 150×90 | 165.2 | 155.2 | 5.0 | 101.6 | 93.2 | 4.2 | 139.7 |
| 150×80 | 165.2 | 155.2 | 5.0 | 89.1 | 80.7 | 4.2 | 139.7 |
| 150×65 | 165.2 | 155.2 | 5.0 | 76.3 | 67.9 | 4.2 | 139.7 |
| 200×150 | 216.3 | 204.7 | 5.8 | 165.2 | 155.2 | 5.0 | 152.4 |
| 200×125 | 216.3 | 204.7 | 5.8 | 139.8 | 130.8 | 4.5 | 152.4 |
| 200×100 | 216.3 | 204.7 | 5.8 | 114.3 | 105.3 | 4.5 | 152.4 |
| 200×90 | 216.3 | 204.7 | 5.8 | 101.6 | 93.2 | 4.2 | 152.4 |
| 250×200 | 267.4 | 254.2 | 6.6 | 216.3 | 204.7 | 5.8 | 177.8 |
| 250×150 | 267.4 | 254.2 | 6.6 | 165.2 | 155.2 | 5.0 | 177.8 |
| 250×125 | 267.4 | 254.2 | 6.6 | 139.8 | 130.8 | 4.5 | 177.8 |
| 250×100 | 267.4 | 254.2 | 6.6 | 114.3 | 105.3 | 4.5 | 177.8 |
| 300×250 | 318.5 | 304.7 | 6.9 | 267.4 | 254.2 | 6.6 | 203.2 |
| 300×200 | 318.5 | 304.7 | 6.9 | 216.3 | 204.7 | 5.8 | 203.2 |
| 300×150 | 318.5 | 304.7 | 6.9 | 165.2 | 155.2 | 5.0 | 203.2 |
| 300×125 | 318.5 | 304.7 | 6.9 | 139.8 | 130.8 | 4.5 | 203.3 |
| 350×300 | 355.6 | 339.8 | 7.9 | 318.5 | 304.7 | 6.9 | 330.2 |
| 350×250 | 355.6 | 339.8 | 7.9 | 267.4 | 254.2 | 6.6 | 330.2 |
| 350×200 | 355.6 | 339.8 | 7.9 | 216.3 | 204.7 | 5.8 | 330.2 |
| 350×150 | 355.6 | 339.8 | 7.9 | 165.2 | 155.2 | 5.0 | 330.2 |
| 400×350 | 406.4 | 390.6 | 7.9 | 355.6 | 339.8 | 7.9 | 355.6 |
| 400×300 | 406.4 | 390.6 | 7.9 | 318.5 | 304.7 | 6.9 | 355.6 |
| 400×250 | 406.4 | 390.6 | 7.9 | 267.4 | 254.2 | 6.6 | 355.6 |
| 400×200 | 406.4 | 390.6 | 7.9 | 216.3 | 204.7 | 5.8 | 355.6 |
| 450×400 | 457.2 | 441.4 | 7.9 | 406.4 | 390.6 | 7.9 | 381.0 |
| 450×350 | 457.2 | 441.4 | 7.9 | 355.6 | 339.8 | 7.9 | 381.0 |
| 450×300 | 457.2 | 441.4 | 7.9 | 318.5 | 304.7 | 6.9 | 381.0 |
| 450×250 | 457.2 | 441.4 | 7.9 | 267.4 | 254.2 | 6.6 | 381.0 |
| 500×450 | 508.0 | 492.2 | 7.9 | 457.2 | 441.4 | 7.9 | 508.0 |
| 500×400 | 508.0 | 492.2 | 7.9 | 406.4 | 390.6 | 7.9 | 508.0 |
| 500×350 | 508.0 | 492.2 | 7.9 | 355.6 | 339.8 | 7.9 | 508.0 |
| 500×300 | 508.0 | 492.2 | 7.9 | 318.5 | 304.7 | 6.9 | 508.0 |