



BẦU GIẢM HÀN THÉP

MÃ SẢN PHẨM
TÊN SẢN PHẨM

Kiểu Nối

Chất Liệu

Tiêu Chuẩn

Độ Dày

SP – 33
GIẢM HÀN THÉP ĐÚC ASTM A234 WPB ANSI
B16.9

Hàn đối đầu- Butt-Welding - (B/W)

Thép đúc- Carbon Steel ASTM A234 Gr WBP

ASME/ANSI B 16.9 ~ B 16.25 ~ B 16.28

STD ~ SCH 40S ~ SCH 80S ~ SCH 120S ~ SCH

160S ~ XXS

Kích Cỡ

DN 15A → DN 1200A ⇔ (21.3 mm → 1219.2 mm)

Sử Dụng

Nước, gas, xăng, dầu, thủy lực, hơi nóng, khí nén,...

Tình Trạng

Hàng có sẵn, mới 100%

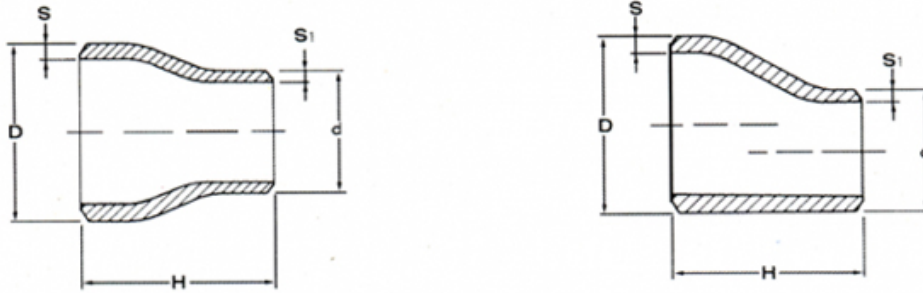
Xuất Xứ

Trung Quốc - Đài Loan

Đơn Giá

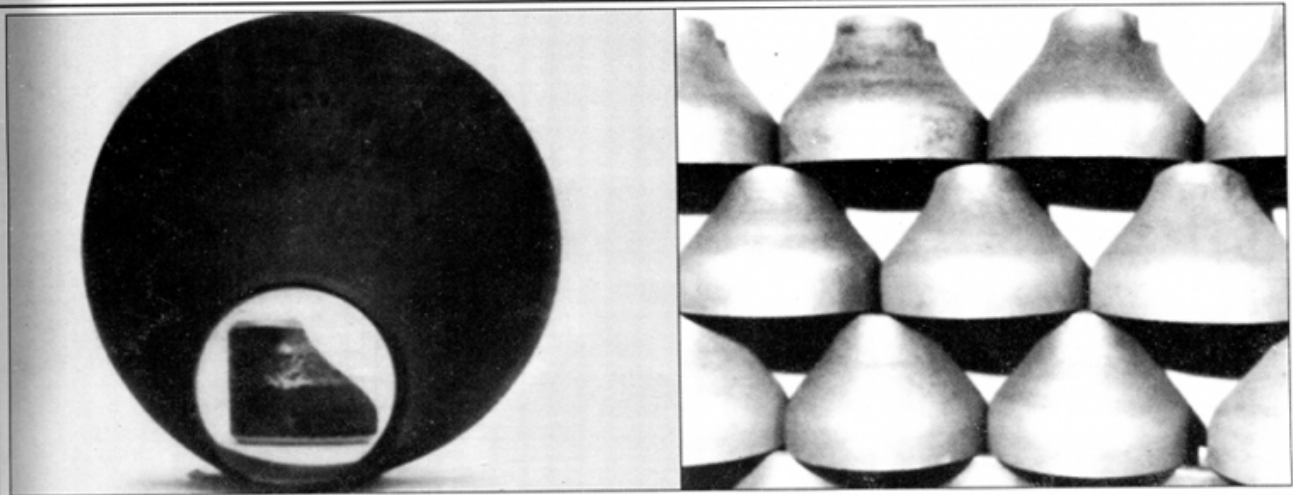
Xin liên hệ

Concentric and eccentric reducers



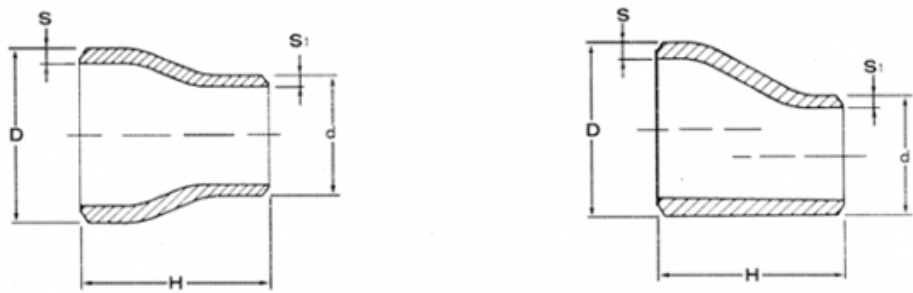
| D | d | H | Odia. | SCH.STD | | SCH.XS | | SCH.10 | | SCH.20 | | SCH.30 | | SCH.40 | |
|-------|-------|-----|----------------|---------|------|--------|------|--------|----|--------|----|--------|----|--------|------|
| | | | | S | S1 | S | S1 | S | S1 | S | S1 | S | S1 | S | S1 |
| 26.7 | 21.3 | 38 | 3/4"x 1/2" | 2.87 | 2.77 | 3.91 | 3.73 | - | - | - | - | - | - | 2.87 | 2.77 |
| 33.4 | 26.7 | 51 | 1"x 3/4" | 3.38 | 2.87 | 4.55 | 3.91 | - | - | - | - | - | - | 3.38 | 2.87 |
| 33.4 | 21.3 | | 1"x 1/2" | 3.38 | 2.77 | 4.55 | 3.73 | - | - | - | - | - | - | 3.38 | 2.77 |
| 42.2 | 33.4 | 51 | 1-1/4"x 1" | 3.56 | 3.38 | 4.85 | 4.55 | - | - | - | - | - | - | 3.56 | 3.38 |
| 42.2 | 26.7 | | 1-1/4"x 3/4" | 3.56 | 2.87 | 4.85 | 3.91 | - | - | - | - | - | - | 3.56 | 2.87 |
| 42.2 | 21.3 | | 1-1/4"x 1/2" | 3.56 | 2.77 | 4.85 | 3.73 | - | - | - | - | - | - | 3.56 | 2.77 |
| 48.3 | 42.2 | 64 | 1-1/2"x 1-1/4" | 3.68 | 3.56 | 5.08 | 4.85 | - | - | - | - | - | - | 3.68 | 3.56 |
| 48.3 | 33.4 | | 1-1/2"x 1" | 3.68 | 3.38 | 5.08 | 4.55 | - | - | - | - | - | - | 3.68 | 3.38 |
| 48.3 | 26.7 | | 1-1/2"x 3/4" | 3.68 | 2.87 | 5.08 | 3.91 | - | - | - | - | - | - | 3.68 | 2.87 |
| 48.3 | 21.3 | | 1-1/2"x 1/2" | 3.68 | 2.77 | 5.08 | 3.73 | - | - | - | - | - | - | 3.68 | 2.77 |
| 60.3 | 48.3 | 76 | 2"x 1-1/2" | 3.91 | 3.68 | 5.54 | 5.08 | - | - | - | - | - | - | 3.91 | 3.68 |
| 60.3 | 42.2 | | 2"x 1-1/4" | 3.91 | 3.56 | 5.54 | 4.85 | - | - | - | - | - | - | 3.91 | 3.56 |
| 60.3 | 33.4 | | 2"x 1" | 3.91 | 3.38 | 5.54 | 4.55 | - | - | - | - | - | - | 3.91 | 3.38 |
| 60.3 | 26.7 | | 2"x 3/4" | 3.91 | 2.87 | 5.54 | 3.91 | - | - | - | - | - | - | 3.91 | 2.87 |
| 60.3 | 21.3 | | 2"x 1/2" | 3.91 | 2.77 | 5.54 | 3.73 | - | - | - | - | - | - | 3.91 | 2.77 |
| 73.0 | 60.3 | 89 | 2-1/2"x 2" | 5.16 | 3.91 | 7.01 | 5.54 | - | - | - | - | - | - | 5.16 | 3.91 |
| 73.0 | 48.3 | | 2-1/2"x 1-1/2" | 5.16 | 3.68 | 7.01 | 5.08 | - | - | - | - | - | - | 5.16 | 3.68 |
| 73.0 | 42.2 | | 2-1/2"x 1-1/4" | 5.16 | 3.56 | 7.01 | 4.85 | - | - | - | - | - | - | 5.16 | 3.56 |
| 73.0 | 33.4 | | 2-1/2"x 1" | 5.16 | 3.38 | 7.01 | 4.55 | - | - | - | - | - | - | 5.16 | 3.38 |
| 88.9 | 73.0 | 89 | 3"x 2-1/2" | 5.49 | 5.16 | 7.62 | 7.01 | - | - | - | - | - | - | 5.49 | 5.16 |
| 88.9 | 60.3 | | 3"x 2" | 5.49 | 3.91 | 7.62 | 5.54 | - | - | - | - | - | - | 5.49 | 3.91 |
| 88.9 | 48.3 | | 3"x 1-1/2" | 5.49 | 3.68 | 7.62 | 5.08 | - | - | - | - | - | - | 5.49 | 3.68 |
| 88.9 | 42.2 | | 3"x 1-1/4" | 5.49 | 3.56 | 7.62 | 4.85 | - | - | - | - | - | - | 5.49 | 3.56 |
| 88.9 | 33.4 | | 3"x 1" | 5.49 | 3.38 | 7.62 | 4.55 | - | - | - | - | - | - | 5.49 | 3.38 |
| 101.6 | 88.9 | 102 | 3-1/2"x 3" | 5.74 | 5.49 | 8.08 | 7.62 | - | - | - | - | - | - | 5.74 | 5.49 |
| 101.6 | 73.0 | | 3-1/2"x 2-1/2" | 5.74 | 5.16 | 8.08 | 7.01 | - | - | - | - | - | - | 5.74 | 5.16 |
| 101.6 | 60.3 | | 3-1/2"x 2" | 5.74 | 3.91 | 8.08 | 5.54 | - | - | - | - | - | - | 5.74 | 3.91 |
| 101.6 | 48.3 | | 3-1/2"x 1-1/2" | 5.74 | 3.68 | 8.08 | 5.08 | - | - | - | - | - | - | 5.74 | 3.68 |
| 101.6 | 42.2 | | 3-1/2"x 1-1/4" | 5.74 | 3.56 | 8.08 | 4.85 | - | - | - | - | - | - | 5.74 | 3.56 |
| 114.3 | 101.6 | 102 | 4"x 3-1/2" | 6.02 | 5.74 | 8.56 | 8.08 | - | - | - | - | - | - | 6.02 | 5.74 |
| 114.3 | 88.9 | | 4"x 3" | 6.02 | 5.49 | 8.56 | 7.62 | - | - | - | - | - | - | 6.02 | 5.49 |
| 114.3 | 73.0 | | 4"x 2-1/2" | 6.02 | 5.16 | 8.56 | 7.01 | - | - | - | - | - | - | 6.02 | 5.16 |
| 114.3 | 60.3 | | 4"x 2" | 6.02 | 3.91 | 8.56 | 5.54 | - | - | - | - | - | - | 6.02 | 3.91 |
| 114.3 | 48.3 | | 4"x 1-1/2" | 6.02 | 3.68 | 8.56 | 5.08 | - | - | - | - | - | - | 6.02 | 3.68 |
| 114.3 | 42.2 | | 4"x 1-1/4" | 6.02 | 3.56 | 8.56 | 4.85 | - | - | - | - | - | - | 6.02 | 3.56 |

Concentric and eccentric reducers



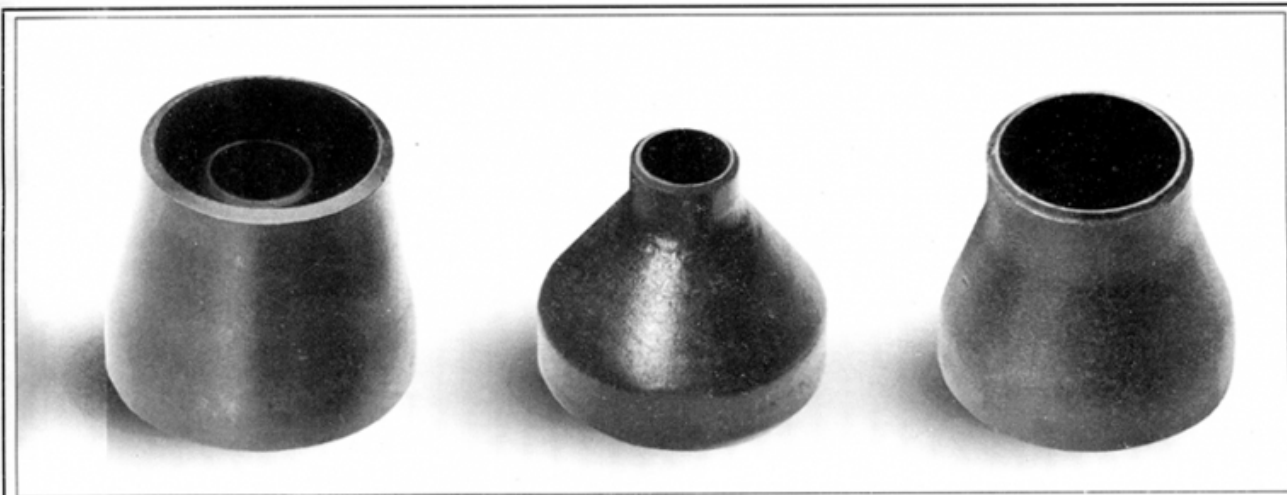
| SCH.60 | | SCH.80 | | SCH.100 | | SCH.120 | | SCH.140 | | SCH.160 | | SCH.XXS | | Odia. |
|--------|----|--------|------|---------|----|---------|----|---------|----|---------|-------|---------|-------|----------------|
| S | S1 | S | S1 | S | S1 | S | S1 | S | S1 | S | S1 | S | S1 | |
| - | - | 3.91 | 3.73 | - | - | - | - | - | - | 5.54 | 4.75 | 7.82 | 7.47 | 3/4"x 1/2" |
| - | - | 4.55 | 3.91 | - | - | - | - | - | - | 6.35 | 5.54 | 9.09 | 7.82 | 1"x 3/4" |
| - | - | 4.55 | 3.73 | - | - | - | - | - | - | 6.35 | 4.75 | 9.09 | 7.47 | 1"x 1/2" |
| - | - | 4.85 | 4.55 | - | - | - | - | - | - | 6.35 | 6.35 | 9.70 | 9.09 | 1-1/4"x 1" |
| - | - | 4.85 | 3.91 | - | - | - | - | - | - | 6.35 | 5.54 | 9.70 | 7.82 | 1-1/4"x 3/4" |
| - | - | 4.85 | 3.73 | - | - | - | - | - | - | 6.35 | 4.75 | 9.70 | 7.47 | 1-1/4"x 1/2" |
| - | - | 5.08 | 4.85 | - | - | - | - | - | - | 7.14 | 6.35 | 10.16 | 9.70 | 1-1/2"x 1-1/4" |
| - | - | 5.08 | 4.55 | - | - | - | - | - | - | 7.14 | 6.35 | 10.16 | 9.09 | 1-1/2"x 1" |
| - | - | 5.08 | 3.91 | - | - | - | - | - | - | 7.14 | 5.54 | 10.16 | 7.82 | 1-1/2"x 3/4" |
| - | - | 5.08 | 3.73 | - | - | - | - | - | - | 7.14 | 4.75 | 10.16 | 7.47 | 1-1/2"x 1/2" |
| - | - | 5.54 | 5.08 | - | - | - | - | - | - | 8.71 | 7.14 | 11.07 | 10.16 | 2"x 1-1/2" |
| - | - | 5.54 | 4.85 | - | - | - | - | - | - | 8.71 | 6.35 | 11.07 | 9.70 | 2"x 1-1/4" |
| - | - | 5.54 | 4.55 | - | - | - | - | - | - | 8.71 | 6.35 | 11.07 | 9.09 | 2"x 1" |
| - | - | 5.54 | 3.91 | - | - | - | - | - | - | 8.71 | 5.54 | 11.07 | 7.82 | 2"x 3/4" |
| - | - | 5.54 | 3.73 | - | - | - | - | - | - | 8.71 | 4.75 | 11.07 | 7.47 | 2"x 1/2" |
| - | - | 7.01 | 5.54 | - | - | - | - | - | - | 9.52 | 8.71 | 14.02 | 11.07 | 2-1/2"x 2" |
| - | - | 7.01 | 5.08 | - | - | - | - | - | - | 9.52 | 7.14 | 14.02 | 10.16 | 2-1/2"x 1-1/2" |
| - | - | 7.01 | 4.85 | - | - | - | - | - | - | 9.52 | 6.35 | 14.02 | 9.70 | 2-1/2"x 1-1/4" |
| - | - | 7.01 | 4.55 | - | - | - | - | - | - | 9.52 | 6.35 | 14.02 | 9.70 | 2-1/2"x 1" |
| - | - | 7.62 | 7.01 | - | - | - | - | - | - | 11.12 | 9.52 | 15.24 | 14.02 | 3"x 2-1/2" |
| - | - | 7.62 | 5.54 | - | - | - | - | - | - | 11.12 | 8.71 | 15.24 | 11.07 | 3"x 2" |
| - | - | 7.62 | 5.08 | - | - | - | - | - | - | 11.12 | 7.14 | 15.24 | 10.16 | 3"x 1-1/2" |
| - | - | 7.62 | 4.85 | - | - | - | - | - | - | 11.12 | 6.35 | 15.24 | 9.70 | 3"x 1-1/4" |
| - | - | 7.62 | 4.55 | - | - | - | - | - | - | 11.12 | 6.35 | 15.24 | 9.09 | 3"x 1" |
| - | - | 8.08 | 7.62 | - | - | - | - | - | - | - | - | - | - | 3-1/2"x 3" |
| - | - | 8.08 | 7.01 | - | - | - | - | - | - | - | - | - | - | 3-1/2"x 2-1/2" |
| - | - | 8.08 | 5.54 | - | - | - | - | - | - | - | - | - | - | 3-1/2"x 2" |
| - | - | 8.08 | 5.08 | - | - | - | - | - | - | - | - | - | - | 3-1/2"x 1-1/2" |
| - | - | 8.08 | 4.85 | - | - | - | - | - | - | - | - | - | - | 3-1/2"x 1-1/4" |
| - | - | 8.56 | 8.08 | - | - | - | - | - | - | - | - | - | - | 4"x 3-1/2" |
| - | - | 8.56 | 7.62 | - | - | - | - | - | - | 13.49 | 11.12 | 17.12 | 15.24 | 4"x 3" |
| - | - | 8.56 | 7.01 | - | - | - | - | - | - | 13.49 | 9.54 | 17.12 | 14.02 | 4"x 2-1/2" |
| - | - | 8.56 | 5.54 | - | - | - | - | - | - | 13.49 | 8.71 | 17.12 | 11.07 | 4"x 2" |
| - | - | 8.56 | 5.08 | - | - | - | - | - | - | 13.49 | 7.14 | 17.12 | 10.16 | 4"x 1-1/2" |
| - | - | 8.56 | 4.85 | - | - | - | - | - | - | 13.49 | 6.35 | 17.12 | 9.70 | 4"x 1-1/4" |

Concentric and eccentric reducers



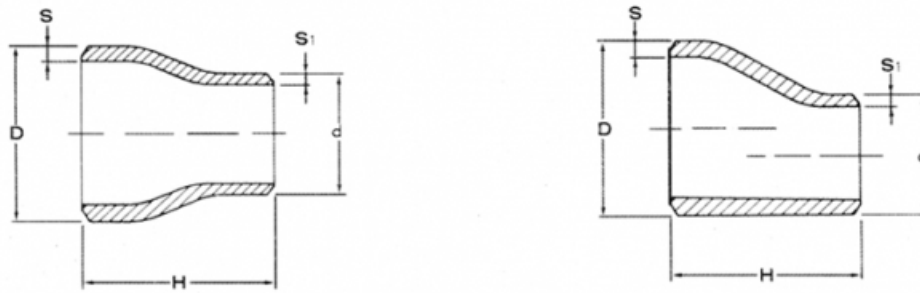
| D | d | H | Odia. | SCH.STD | | SCH.XS | | SCH.10 | | SCH.20 | | SCH.30 | | SCH.40 | |
|-------|-------|---------|-------------|---------|-------|--------|-------|--------|------|--------|------|--------|------|--------|-------|
| | | | | S | S1 | S | S1 | S | S1 | S | S1 | S | S1 | S | S1 |
| 114.3 | 33.4 | 102 | 4" x 1" | 6.02 | 3.38 | 8.56 | 4.55 | - | - | - | - | - | - | 6.02 | 3.38 |
| 141.3 | 114.3 | 127 | 5" x 4" | 6.55 | 6.02 | 9.52 | 8.56 | - | - | - | - | - | - | 6.55 | 6.02 |
| 141.3 | 101.6 | | 5" x 3-1/2" | 6.55 | 5.74 | 9.52 | 8.08 | - | - | - | - | - | - | 6.55 | 5.74 |
| 141.3 | 88.9 | | 5" x 3" | 6.55 | 5.49 | 9.52 | 7.62 | - | - | - | - | - | - | 6.55 | 5.49 |
| 141.3 | 73.0 | | 5" x 2-1/2" | 6.55 | 5.16 | 9.52 | 7.01 | - | - | - | - | - | - | 6.55 | 5.16 |
| 141.3 | 60.3 | | 5" x 2" | 6.55 | 3.91 | 9.52 | 5.54 | - | - | - | - | - | - | 6.55 | 3.91 |
| 168.3 | 141.3 | 140 | 6" x 5" | 7.11 | 6.55 | 10.97 | 9.52 | - | - | - | - | - | - | 7.11 | 6.55 |
| 168.3 | 114.3 | | 6" x 4" | 7.11 | 6.02 | 10.97 | 8.56 | - | - | - | - | - | - | 7.11 | 6.02 |
| 168.3 | 101.6 | | 6" x 3-1/2" | 7.11 | 5.74 | 10.97 | 8.08 | - | - | - | - | - | - | 7.11 | 5.74 |
| 168.3 | 88.9 | | 6" x 3" | 7.11 | 5.49 | 10.97 | 7.62 | - | - | - | - | - | - | 7.11 | 5.49 |
| 168.3 | 73.0 | | 6" x 2-1/2" | 7.11 | 5.16 | 10.97 | 7.01 | - | - | - | - | - | - | 7.11 | 5.16 |
| 168.3 | 60.3 | 6" x 2" | 7.11 | 3.91 | 10.97 | 5.54 | - | - | - | - | - | - | 7.11 | 3.91 | |
| 219.1 | 168.3 | 152 | 8" x 6" | 8.18 | 7.11 | 12.70 | 10.97 | - | - | - | - | - | - | 8.18 | 7.11 |
| 219.1 | 141.3 | | 8" x 5" | 8.18 | 6.55 | 12.70 | 9.52 | - | - | - | - | - | - | 8.18 | 6.55 |
| 219.1 | 114.3 | | 8" x 4" | 8.18 | 6.02 | 12.70 | 8.56 | - | - | - | - | - | - | 8.18 | 6.02 |
| 219.1 | 101.6 | | 8" x 3-1/2" | 8.18 | 5.74 | 12.70 | 8.08 | - | - | - | - | - | - | 8.18 | 5.74 |
| 219.1 | 88.9 | | 8" x 3" | 8.18 | 5.49 | 12.70 | 7.62 | - | - | - | - | - | - | 8.18 | 5.49 |
| 273.0 | 219.1 | 178 | 10" x 8" | 9.27 | 8.18 | 12.70 | 12.70 | - | - | 6.35 | 6.35 | 7.80 | 7.04 | 9.27 | 8.18 |
| 273.0 | 168.3 | | 10" x 6" | 9.27 | 7.11 | 12.70 | 10.97 | - | - | - | - | - | - | 9.27 | 7.11 |
| 273.0 | 141.3 | | 10" x 5" | 9.27 | 6.55 | 12.70 | 9.52 | - | - | - | - | - | - | 9.27 | 6.55 |
| 273.0 | 114.3 | | 10" x 4" | 9.27 | 6.02 | 12.70 | 8.56 | - | - | - | - | - | - | 9.27 | 6.02 |
| 273.0 | 88.9 | | 10" x 3" | 9.27 | 5.49 | 12.70 | 7.62 | - | - | - | - | - | - | 9.27 | 5.49 |
| 323.8 | 273.0 | 203 | 12" x 10" | 9.52 | 9.27 | 12.70 | 12.70 | - | - | 6.35 | 6.35 | 8.38 | 7.80 | 10.31 | 9.27 |
| 323.8 | 219.1 | | 12" x 8" | 9.52 | 8.18 | 12.70 | 12.70 | - | - | 6.35 | 6.35 | 8.38 | 7.04 | 10.31 | 8.18 |
| 323.8 | 168.3 | | 12" x 6" | 9.52 | 7.11 | 12.70 | 10.97 | - | - | - | - | - | - | 10.31 | 7.11 |
| 323.8 | 141.3 | | 12" x 5" | 9.52 | 6.55 | 12.70 | 9.52 | - | - | - | - | - | - | 10.31 | 6.55 |
| 323.8 | 114.3 | | 12" x 4" | 9.52 | 6.02 | 12.70 | 8.56 | - | - | - | - | - | - | 10.31 | 6.02 |
| 355.6 | 323.0 | 330 | 14" x 12" | 9.52 | 9.52 | 12.70 | 12.70 | - | - | 7.92 | 6.35 | 9.52 | 8.38 | 11.12 | 10.31 |
| 355.6 | 273.0 | | 14" x 10" | 9.52 | 9.27 | 12.70 | 12.70 | - | - | 7.92 | 6.35 | 9.52 | 7.80 | 11.12 | 9.27 |
| 355.6 | 219.1 | | 14" x 8" | 9.52 | 8.18 | 12.70 | 12.70 | - | - | 7.92 | 6.35 | 9.52 | 7.04 | 11.12 | 8.18 |
| 355.6 | 168.3 | | 14" x 6" | 9.52 | 7.11 | 12.70 | 10.97 | - | - | - | - | - | - | 11.12 | 7.11 |
| 406.4 | 355.6 | 356 | 16" x 14" | 9.52 | 9.52 | 12.70 | 12.70 | 6.35 | 6.35 | 7.92 | 7.92 | 9.52 | 9.52 | 12.70 | 11.12 |
| 406.4 | 323.8 | | 16" x 12" | 9.52 | 9.52 | 12.70 | 12.70 | - | - | 7.92 | 6.35 | 9.52 | 8.38 | 12.70 | 10.31 |
| 406.4 | 273.0 | | 16" x 10" | 9.52 | 9.27 | 12.70 | 12.70 | - | - | 7.92 | 6.35 | 9.52 | 7.80 | 12.70 | 9.27 |
| 406.4 | 219.1 | | 16" x 8" | 9.52 | 8.18 | 12.70 | 12.70 | - | - | 7.92 | 6.35 | 9.52 | 7.04 | 12.70 | 8.18 |

Concentric and eccentric reducers



| SCH.60 | | SCH.80 | | SCH.100 | | SCH.120 | | SCH.140 | | SCH.160 | | SCH.XXS | | Odia. |
|--------|-------|--------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|------------|
| S | S1 | S | S1 | S | S1 | S | S1 | S | S1 | S | S1 | S | S1 | |
| - | - | 8.56 | 4.55 | - | - | - | - | - | - | 13.49 | 6.35 | 17.12 | 9.09 | 4"x 1" |
| - | - | 9.52 | 8.56 | - | - | 12.70 | 11.20 | - | - | 15.87 | 13.49 | 19.05 | 17.12 | 5"x 4" |
| - | - | 9.52 | 8.08 | - | - | - | - | - | - | - | - | - | - | 5"x 3-1/2" |
| - | - | 9.52 | 7.62 | - | - | - | - | - | - | 15.87 | 11.12 | 19.05 | 15.24 | 5"x 3" |
| - | - | 9.52 | 7.01 | - | - | - | - | - | - | 15.87 | 9.52 | 19.05 | 14.02 | 5"x 2-1/2" |
| - | - | 9.52 | 5.54 | - | - | - | - | - | - | 15.87 | 8.71 | 19.05 | 11.07 | 5"x 2" |
| - | - | 10.97 | 9.52 | - | - | 14.27 | 12.70 | - | - | 18.24 | 15.87 | 21.94 | 19.05 | 6"x 5" |
| - | - | 10.97 | 8.56 | - | - | 14.27 | 11.12 | - | - | 18.24 | 13.49 | 21.94 | 17.12 | 6"x 4" |
| - | - | 10.97 | 8.08 | - | - | - | - | - | - | - | - | - | - | 6"x 3-1/2" |
| - | - | 10.97 | 7.62 | - | - | - | - | - | - | 18.24 | 11.12 | 21.94 | 15.44 | 6"x 3" |
| - | - | 10.97 | 7.01 | - | - | - | - | - | - | 18.24 | 9.52 | 21.94 | 14.02 | 6"x 2-1/2" |
| - | - | 10.97 | 5.54 | - | - | - | - | - | - | 18.24 | 8.71 | 21.94 | 11.07 | 6"x 2" |
| - | - | 12.70 | 10.97 | - | - | 18.24 | 14.27 | - | - | 23.01 | 18.24 | 22.22 | 21.94 | 8"x 6" |
| - | - | 12.70 | 9.52 | - | - | 18.24 | 12.70 | - | - | 23.01 | 15.87 | 22.22 | 19.05 | 8"x 5" |
| - | - | 12.70 | 8.56 | - | - | 18.24 | 11.12 | - | - | 23.01 | 13.49 | 22.22 | 17.12 | 8"x 4" |
| - | - | 12.70 | 8.08 | - | - | - | - | - | - | - | - | - | - | 8"x 3-1/2" |
| - | - | 12.70 | 7.62 | - | - | - | - | - | - | 23.01 | 11.12 | 22.22 | 15.24 | 8"x 3" |
| 12.70 | 10.30 | 15.06 | 12.70 | 18.24 | 15.06 | 21.41 | 18.24 | 25.40 | 20.62 | 28.57 | 23.01 | 26.40 | 22.22 | 10"x 8" |
| - | - | 15.06 | 10.97 | - | - | 21.41 | 14.27 | - | - | 28.57 | 18.24 | 26.40 | 21.94 | 10"x 6" |
| - | - | 15.06 | 9.52 | - | - | 21.41 | 12.70 | - | - | 28.57 | 15.87 | 26.40 | 19.05 | 10"x 5" |
| - | - | 15.06 | 8.56 | - | - | 21.41 | 11.12 | - | - | 28.57 | 13.49 | 26.40 | 17.12 | 10"x 4" |
| - | - | 15.06 | 7.62 | - | - | - | - | - | - | 28.57 | 11.12 | 26.40 | 15.24 | 10"x 3" |
| 14.30 | 12.70 | 17.45 | 15.06 | 21.41 | 18.24 | 25.40 | 21.41 | 28.57 | 25.40 | 33.32 | 28.57 | 26.40 | 26.40 | 12"x 10" |
| 14.30 | 10.30 | 17.45 | 12.70 | 21.41 | 15.06 | 25.40 | 18.24 | 28.57 | 20.62 | 33.32 | 23.01 | 26.40 | 22.22 | 12"x 8" |
| - | - | 17.45 | 10.97 | - | - | 25.40 | 14.27 | - | - | 33.32 | 18.24 | 26.40 | 21.94 | 12"x 6" |
| - | - | 17.45 | 9.52 | - | - | 25.40 | 12.70 | - | - | 33.32 | 15.87 | 26.40 | 19.05 | 12"x 5" |
| - | - | 17.45 | 8.56 | - | - | 25.40 | 11.12 | - | - | 33.32 | 13.49 | 26.40 | 17.12 | 12"x 4" |
| 15.10 | 14.30 | 19.05 | 17.45 | 23.80 | 21.41 | 27.76 | 25.40 | 31.75 | 28.57 | 35.71 | 33.32 | - | - | 14"x 12" |
| 15.10 | 12.70 | 19.05 | 15.06 | 23.80 | 18.24 | 27.76 | 21.41 | 31.75 | 25.40 | 35.71 | 28.57 | - | - | 14"x 10" |
| 15.10 | 10.30 | 19.05 | 12.70 | 23.80 | 15.06 | 27.76 | 18.24 | 31.75 | 20.62 | 35.71 | 23.01 | - | - | 14"x 8" |
| - | - | 19.05 | 10.97 | - | - | 27.76 | 14.27 | - | - | 35.71 | 18.24 | - | - | 14"x 6" |
| 16.70 | 15.10 | 21.41 | 19.05 | 26.19 | 23.80 | 30.94 | 27.76 | 36.52 | 31.75 | 40.46 | 35.71 | - | - | 16"x 14" |
| 16.70 | 14.30 | 21.41 | 17.45 | 26.19 | 21.41 | 30.94 | 25.40 | 36.52 | 28.57 | 40.46 | 33.32 | - | - | 16"x 12" |
| 16.70 | 12.70 | 21.41 | 15.06 | 26.19 | 18.24 | 30.94 | 21.41 | 36.52 | 25.40 | 40.46 | 28.57 | - | - | 16"x 10" |
| 16.70 | 10.30 | 21.41 | 12.70 | 26.19 | 15.06 | 30.94 | 18.24 | 36.52 | 20.62 | 40.46 | 23.01 | - | - | 16"x 8" |

Concentric and eccentric reducers

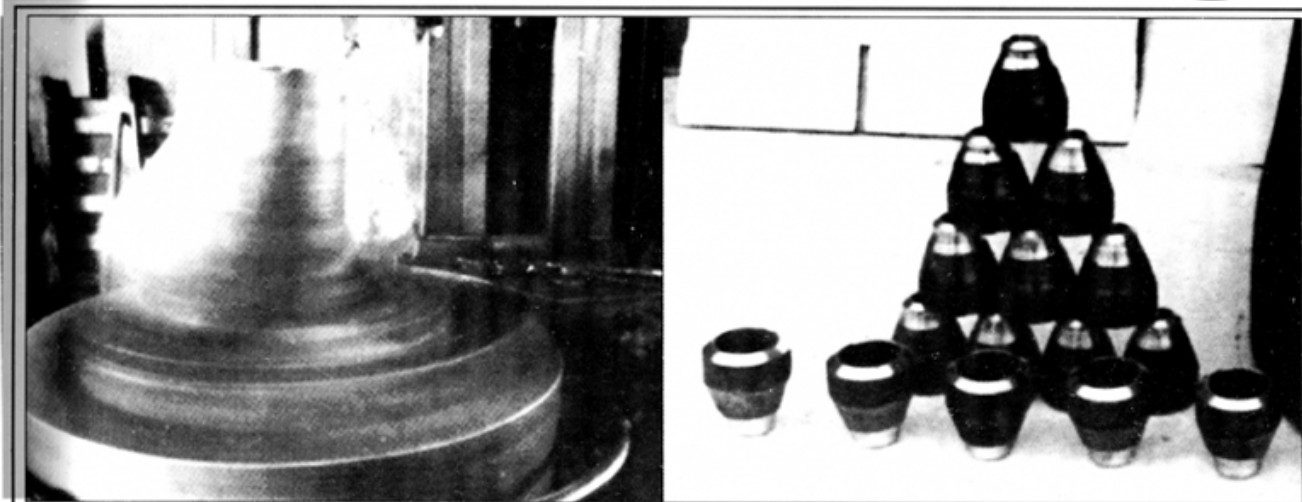


| D | d | H | Ødia. | SCH.STD | | SCH.XS | | SCH.10 | | SCH.20 | | SCH.30 | | SCH.40 | |
|-------|-------|-----|----------|---------|------|--------|-------|--------|------|--------|------|--------|-------|--------|-------|
| | | | | S | S1 | S | S1 | S | S1 | S | S1 | S | S1 | S | S1 |
| 406.4 | 168.3 | 356 | 16"x 6" | 9.52 | 7.11 | 12.70 | 10.97 | - | - | - | - | - | - | 12.70 | 7.11 |
| 457.2 | 406.4 | 381 | 18"x 16" | 9.52 | 9.52 | 12.70 | 12.70 | 6.35 | 6.35 | 7.92 | 7.92 | 11.12 | 9.52 | 14.27 | 12.70 |
| 457.2 | 355.6 | | 18"x 14" | 9.52 | 9.52 | 12.70 | 12.70 | 6.35 | 6.35 | 7.92 | 7.92 | 11.12 | 9.52 | 14.27 | 11.12 |
| 457.2 | 323.8 | | 18"x 12" | 9.52 | 9.52 | 12.70 | 12.70 | - | - | 7.92 | 6.35 | 11.12 | 8.38 | 14.27 | 10.31 |
| 457.2 | 273.0 | | 18"x 10" | 9.52 | 9.27 | 12.70 | 12.70 | - | - | 7.92 | 6.35 | 11.12 | 7.80 | 14.27 | 9.27 |
| 457.2 | 219.1 | | 18"x 8" | 9.52 | 8.18 | 12.70 | 12.70 | - | - | 7.92 | 6.35 | 11.12 | 7.04 | 14.27 | 8.18 |
| 508.0 | 457.2 | 508 | 20"x 18" | 9.52 | 9.52 | 12.70 | 12.70 | 6.35 | 6.35 | 9.52 | 7.92 | 12.70 | 11.12 | 15.06 | 14.27 |
| 508.0 | 406.4 | | 20"x 16" | 9.52 | 9.52 | 12.70 | 12.70 | 6.35 | 6.35 | 9.52 | 7.92 | 12.70 | 9.52 | 15.06 | 12.70 |
| 508.0 | 355.6 | | 20"x 14" | 9.52 | 9.52 | 12.70 | 12.70 | 6.35 | 6.35 | 9.52 | 7.92 | 12.70 | 9.52 | 15.06 | 11.12 |
| 508.0 | 323.8 | | 20"x 12" | 9.52 | 9.52 | 12.70 | 12.70 | - | - | 9.52 | 6.35 | 12.70 | 8.38 | 15.06 | 10.31 |
| 508.0 | 273.0 | | 20"x 10" | 9.52 | 9.27 | 12.70 | 12.70 | - | - | 9.52 | 6.35 | 12.70 | 7.80 | 15.06 | 9.27 |
| 508.0 | 219.1 | | 20"x 8" | 9.52 | 8.18 | 12.70 | 12.70 | - | - | 9.52 | 6.35 | 12.70 | 7.04 | 15.06 | 8.18 |
| 558.8 | 508.0 | 508 | 22"x 20" | 9.52 | 9.52 | 12.70 | 12.70 | 6.35 | 6.35 | 9.52 | 9.52 | 12.70 | 12.70 | - | - |
| 558.8 | 457.2 | | 22"x 18" | 9.52 | 9.52 | 12.70 | 12.70 | 6.35 | 6.35 | 9.52 | 7.92 | 12.70 | 11.12 | - | - |
| 558.8 | 406.4 | | 22"x 16" | 9.52 | 9.52 | 12.70 | 12.70 | 6.35 | 6.35 | 9.52 | 7.92 | 12.70 | 9.52 | - | - |
| 558.8 | 355.6 | | 22"x 14" | 9.52 | 9.52 | 12.70 | 12.70 | 6.35 | 6.35 | 9.52 | 7.92 | 12.70 | 9.52 | - | - |
| 609.6 | 558.8 | 508 | 24"x 22" | 9.52 | 9.52 | 12.70 | 12.70 | 6.35 | 6.35 | 9.52 | 9.52 | 14.25 | 12.70 | - | - |
| 609.6 | 508.0 | | 24"x 20" | 9.52 | 9.52 | 12.70 | 12.70 | 6.35 | 6.35 | 9.52 | 9.52 | 14.25 | 12.70 | 17.45 | 15.06 |
| 609.6 | 457.2 | | 24"x 18" | 9.52 | 9.52 | 12.70 | 12.70 | 6.35 | 6.35 | 9.52 | 7.92 | 14.25 | 11.12 | 17.45 | 14.27 |
| 609.6 | 406.4 | | 24"x 16" | 9.52 | 9.52 | 12.70 | 12.70 | 6.35 | 6.35 | 9.52 | 7.92 | 14.25 | 9.52 | 17.45 | 12.70 |
| 609.6 | 355.6 | | 24"x 14" | 9.52 | 9.52 | 12.70 | 12.70 | 6.35 | 6.35 | 9.52 | 7.92 | 14.25 | 9.52 | 17.45 | 11.12 |

Remarks

- Weights of the fittings at page 26-27
- Dimensional tolerances at page 28
- Steel requirements at page 29-31.

Concentric and eccentric reducers



| SCH.60 | | SCH.80 | | SCH.100 | | SCH.120 | | SCH.140 | | SCH.160 | | SCH.XXS | | Ødia. |
|--------|-------|--------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|----|----------|
| S | S1 | S | S1 | S | S1 | S | S1 | S | S1 | S | S1 | S | S1 | |
| - | - | 21.41 | 10.07 | - | - | 30.94 | 14.27 | - | - | 40.46 | 18.24 | - | - | 16"x 6" |
| 19.05 | 16.70 | 23.80 | 21.41 | 29.36 | 26.19 | 34.92 | 30.94 | 39.67 | 36.52 | 45.24 | 40.46 | - | - | 18"x 16" |
| 19.05 | 15.10 | 23.80 | 19.05 | 29.36 | 23.80 | 34.92 | 27.76 | 39.67 | 31.75 | 45.24 | 35.71 | - | - | 18"x 14" |
| 19.05 | 14.30 | 23.80 | 17.45 | 29.36 | 21.41 | 34.92 | 25.40 | 39.67 | 28.57 | 45.24 | 33.32 | - | - | 18"x 12" |
| 19.05 | 12.70 | 23.80 | 15.06 | 29.36 | 18.24 | 34.92 | 21.41 | 39.67 | 25.40 | 45.24 | 28.57 | - | - | 18"x 10" |
| 19.05 | 10.30 | 23.80 | 12.70 | 29.36 | 15.06 | 34.92 | 18.24 | 39.67 | 20.62 | 45.24 | 23.01 | - | - | 18"x 8" |
| 20.60 | 19.05 | 26.19 | 23.80 | 32.54 | 29.36 | 38.10 | 34.92 | 44.45 | 39.67 | 49.99 | 45.24 | - | - | 20"x 18" |
| 20.60 | 16.70 | 26.19 | 21.41 | 32.54 | 26.19 | 38.10 | 30.94 | 44.45 | 36.52 | 49.99 | 40.46 | - | - | 20"x 16" |
| 20.60 | 15.10 | 26.19 | 19.05 | 32.54 | 23.80 | 38.10 | 27.76 | 44.45 | 31.75 | 49.99 | 35.71 | - | - | 20"x 14" |
| 20.60 | 14.30 | 26.19 | 17.45 | 32.54 | 21.41 | 38.10 | 25.40 | 44.45 | 28.57 | 49.99 | 33.32 | - | - | 20"x 12" |
| 20.60 | 12.70 | 26.19 | 15.06 | 32.54 | 18.24 | 38.10 | 21.41 | 44.45 | 25.40 | 49.99 | 28.57 | - | - | 20"x 10" |
| 20.60 | 10.30 | 26.19 | 12.70 | 32.54 | 15.06 | 38.10 | 18.24 | 44.45 | 20.62 | 49.99 | 23.01 | - | - | 20"x 8" |
| 22.22 | 20.60 | 28.58 | 26.19 | 34.92 | 32.54 | 41.28 | 38.10 | 47.63 | 44.45 | 53.98 | 49.99 | - | - | 22"x 20" |
| 22.22 | 19.05 | 28.58 | 23.80 | 34.92 | 29.36 | 41.28 | 34.92 | 47.63 | 39.67 | 53.98 | 45.24 | - | - | 22"x 18" |
| 22.22 | 16.70 | 28.58 | 21.41 | 34.92 | 26.19 | 41.28 | 30.94 | 47.63 | 36.92 | 53.98 | 40.46 | - | - | 22"x 16" |
| 22.22 | 15.10 | 28.58 | 19.05 | 34.92 | 23.80 | 41.28 | 27.76 | 47.63 | 31.75 | 53.98 | 35.71 | - | - | 22"x 14" |
| 24.60 | 22.22 | 30.94 | 28.58 | 38.89 | 34.92 | 46.02 | 41.28 | 52.37 | 47.63 | 59.51 | 53.98 | - | - | 24"x 22" |
| 24.60 | 20.60 | 30.94 | 26.19 | 38.89 | 32.54 | 46.02 | 38.10 | 52.37 | 44.45 | 59.51 | 49.99 | - | - | 24"x 20" |
| 24.60 | 19.05 | 30.94 | 23.80 | 38.89 | 29.36 | 46.02 | 34.92 | 52.37 | 39.67 | 59.51 | 45.24 | - | - | 24"x 18" |
| 24.60 | 16.70 | 30.94 | 21.41 | 38.89 | 26.19 | 46.02 | 30.94 | 52.37 | 34.52 | 59.51 | 40.46 | - | - | 24"x 16" |
| 24.60 | 15.10 | 30.94 | 19.05 | 38.89 | 23.80 | 46.02 | 27.76 | 52.37 | 31.75 | 59.51 | 35.71 | - | - | 24"x 14" |

Remarks

- Weights of the fittings at page 26-27
- Dimensional tolerances at page 28
- Steel requirements at page 29-31.

weights of the fittings



| Type | DIAM. | 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 2-1/2" | 3" | 3-1/2" | 4" | 5" | 6" | 8" |
|------|-----------|------|------|------|--------|--------|------|--------|-------|--------|-------|-------|-------|-------|
| | SCH mm | 21.3 | 26.7 | 33.4 | 42.2 | 48.3 | 60.3 | 73.0 | 88.9 | 101.6 | 114.3 | 141.3 | 168.3 | 219.1 |
| | STD | | 0.09 | 0.10 | 0.20 | 0.30 | 0.40 | 0.80 | 1.00 | 1.40 | 1.60 | 2.80 | 4.00 | 6.50 |
| | XS | | 0.16 | 0.20 | 0.30 | 0.40 | 0.60 | 1.00 | 1.40 | 2.00 | 2.20 | 4.00 | 6.00 | 9.90 |
| | 10 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 20 | - | - | - | - | - | - | - | - | - | - | - | - | 5.80 |
| | 30 | - | - | - | - | - | - | - | - | - | - | - | - | 6.20 |
| | 40 | | 0.09 | 0.10 | 0.20 | 0.30 | 0.40 | 0.80 | 1.00 | 1.40 | 1.60 | 2.80 | 4.00 | 6.50 |
| | 60 | - | - | - | - | - | - | - | - | - | - | - | - | 8.60 |
| | 80 | | 0.16 | 0.20 | 0.30 | 0.40 | 0.60 | 1.00 | 1.40 | 2.00 | 2.20 | 4.00 | 6.00 | 9.90 |
| | 100 | - | - | - | - | - | - | - | - | - | - | - | - | 12.60 |
| | 120 | - | - | - | - | - | - | - | - | - | 3.00 | 5.60 | 8.30 | 15 |
| | 140 | - | - | - | - | - | - | - | - | - | - | - | - | 17 |
| | 160 | | | 0.25 | 0.30 | 0.50 | 1.10 | 1.60 | 2.00 | 2.80 | 4.00 | 7.00 | 10.50 | 18 |
| | XXS | | | 0.35 | 0.45 | 0.70 | 1.30 | 2.10 | 2.60 | 3.70 | 4.70 | 8.00 | 12.30 | 18 |
| | | STD | 0.10 | 0.16 | 0.36 | 0.50 | 0.70 | 1.00 | 1.80 | 2.70 | 3.55 | 4.40 | 7.00 | 10 |
| XS | | 0.16 | 0.22 | 0.47 | 0.70 | 0.90 | 1.40 | 2.20 | 3.00 | 4.89 | 6.40 | 9.30 | 15 | 28.90 |
| 10 | | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 20 | | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 30 | | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 40 | | 0.10 | 0.16 | 0.36 | 0.50 | 0.70 | 1.00 | 1.80 | 2.70 | 3.55 | 4.40 | 7.00 | 10 | 19 |
| 60 | | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 80 | | 0.16 | 0.22 | 0.47 | 0.70 | 0.90 | 1.40 | 2.20 | 3.00 | 4.89 | 6.40 | 9.30 | 15 | 28.90 |
| 100 | | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 120 | | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 140 | | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 160 | | 0.25 | 0.35 | 0.80 | 1.00 | 1.50 | 2.50 | 4.00 | 6.00 | 8.00 | 10 | 20 | 25 | 52 |
| XXS | | 0.30 | 0.45 | 1.00 | 1.20 | 1.80 | 3.00 | 6.00 | 8.00 | 11 | 13 | 24 | 30 | 52 |
| | | STD | 0.13 | 0.20 | 0.47 | 0.65 | 0.91 | 1.30 | 2.35 | 3.50 | 4.60 | 5.70 | 9.10 | 13 |
| | XS | 0.20 | 0.30 | 0.61 | 0.91 | 1.17 | 1.85 | 2.90 | 3.90 | 6.35 | 8.30 | 12 | 19.50 | 37.60 |
| | 10 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 20 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 30 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 40 | 0.13 | 0.20 | 0.47 | 0.65 | 0.91 | 1.30 | 2.35 | 3.50 | 4.60 | 5.70 | 9.10 | 13 | 24.70 |
| | 60 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 80 | 0.20 | 0.30 | 0.61 | 0.91 | 1.17 | 1.85 | 2.90 | 3.90 | 6.35 | 8.30 | 12 | 19.50 | 37.60 |
| | 100 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 120 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 140 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 160 | 0.32 | 0.45 | 1.04 | 1.30 | 1.95 | 3.25 | 5.20 | 7.80 | 10.40 | 13 | 26 | 32.5 | 67.60 |
| | XXS | 0.40 | 0.60 | 1.30 | 1.56 | 2.35 | 3.90 | 7.80 | 10.40 | 14.30 | 16.90 | 31.20 | 39 | 37.60 |
| | | STD | 0.03 | 0.06 | 0.10 | 0.20 | 0.25 | 0.30 | 0.40 | 0.60 | 1.10 | 1.20 | 2.10 | 3.60 |
| XS | | 0.05 | 0.10 | 0.15 | 0.25 | 0.30 | 0.35 | 0.50 | 0.90 | 1.70 | 2.00 | 3.00 | 5.00 | 7.00 |
| 10 | | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 20 | | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 30 | | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 40 | | 0.03 | 0.06 | 0.10 | 0.20 | 0.25 | 0.30 | 0.40 | 0.60 | 1.10 | 1.20 | 2.10 | 3.60 | 5.50 |
| 60 | | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 80 | | 0.05 | 0.10 | 0.15 | 0.25 | 0.30 | 0.35 | 0.50 | 0.90 | 1.70 | 2.00 | 3.00 | 5.00 | 7.00 |
| 100 | | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 120 | | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 140 | | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 160 | | 0.10 | 0.10 | 0.15 | 0.25 | 0.30 | 0.55 | 0.90 | 1.40 | 2.50 | 3.00 | 5.50 | 7.50 | 18 |
| XXS | | 0.15 | 0.15 | 0.20 | 0.30 | 0.40 | 0.60 | 1.00 | 1.80 | 2.70 | 4.00 | 7.00 | 9.00 | 18 |

Sản phẩm khác



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