

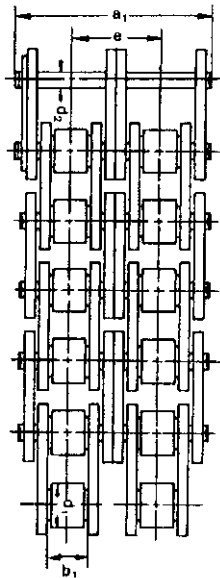
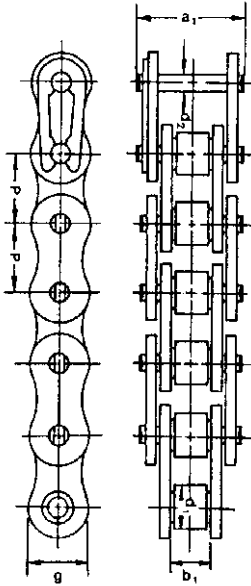
Stainless Steel Roller Chain



E-Series

Stainless Steel Roller Chain according to industry standards: Metric - DIN 8187 and ANSI 8188. SS material

AISI 304. Metric sizes packaged in 5 meter lengths. ANSI sizes in 10 feet lengths. Other lengths on request.



ANSI Stainless Steel Roller Chains

| Part No. | Pitch | Inner Width | Roller Dia. | Pin Dia. | Plate Depth | Transverse Pitch | Conn Pin Length | Breaking Load | Approx. Weight |
|----------|-------|-----------------------|------------------------|------------------------|-------------|------------------|------------------------|---------------|----------------|
| | p in | b ₁ min in | d ₁ max. in | d ₂ max. in | g max. in | e in | a ₁ max. in | lb | lb/ft |
| E25-1SS | 1/4 | .125 | .130 | .091 | .230 | — | 0.331 | 568 | 0.09 |
| E35-1SS | 3/8 | .188 | .200 | .141 | .354 | — | 0.519 | 1250 | 0.22 |
| E40-1SS | 1/2 | .312 | .312 | .156 | .472 | — | 0.701 | 2182 | 0.41 |
| E41-1SS | 1/2 | .250 | .306 | .141 | .386 | — | 0.591 | 1360 | 0.27 |
| E50-1SS | 5/8 | .375 | .400 | .200 | .591 | — | 0.874 | 3455 | 0.68 |
| E60-1SS | 3/4 | .500 | .469 | .234 | .713 | — | 1.091 | 4932 | 0.94 |
| E80-1SS | 1 | .625 | .625 | .312 | .949 | — | 1.378 | 8841 | 1.65 |

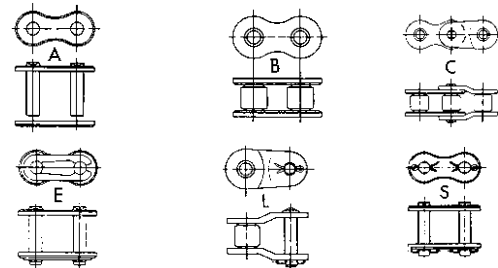
Metric (British Standard) Stainless Steel Roller Chains

| Part No. | Pitch | Inner Width | Roller Dia. | Pin Dia. | Plate Depth | Transverse Pitch | Conn Pin Length | Breaking Load | Approx. Weight |
|----------|--------|-----------------------|------------------------|------------------------|-------------|------------------|------------------------|---------------|----------------|
| | p mm | b ₁ min mm | d ₁ max. mm | d ₂ max. mm | g max. mm | e mm | a ₁ max. mm | kN | kg/m |
| E05B-1SS | 8.0 | 3.0 | 5.0 | 2.31 | 7.1 | — | 8.9 | 3.5 | 0.18 |
| E06B-1SS | 9.525 | 5.72 | 6.35 | 3.28 | 8.2 | — | 14.1 | 6.2 | 0.41 |
| E08B-1SS | 12.7 | 7.75 | 8.51 | 4.45 | 11.8 | — | 18.2 | 12.0 | 0.70 |
| E10B-1SS | 15.875 | 9.65 | 10.16 | 5.08 | 14.7 | — | 20.9 | 14.5 | 0.95 |
| E12B-1SS | 19.05 | 11.68 | 12.07 | 5.72 | 16.1 | — | 24.2 | 18.5 | 1.25 |
| E16B-1SS | 25.4 | 17.02 | 15.88 | 8.28 | 21.0 | — | 37.4 | 40.0 | 2.70 |
| E20B-1SS | 31.75 | 19.56 | 19.05 | 10.19 | 26.4 | — | 45.0 | 59.0 | 3.6 |
| E06B-2SS | 9.525 | 5.72 | 6.35 | 3.28 | 8.2 | 10.24 | 24.4 | 14.0 | 0.78 |
| E08B-2SS | 12.7 | 7.75 | 8.51 | 4.45 | 11.8 | 13.92 | 32.2 | 24.0 | 1.35 |
| E10B-2SS | 15.875 | 9.65 | 10.16 | 5.08 | 14.7 | 16.59 | 37.5 | 29.0 | 1.80 |
| E12B-2SS | 19.05 | 11.68 | 12.07 | 5.72 | 16.1 | 19.46 | 43.6 | 37.0 | 2.50 |
| E16B-2SS | 25.4 | 17.02 | 15.88 | 8.28 | 21.0 | 31.88 | 69.3 | 80.0 | 5.40 |

Note: Other sizes available on request.

Connecting Links

- A - Riveting Outer Link
- B - Roller Link (Inner Link)
- C - Double Offset Link
- E - Spring Clip Conn. Link
- L - Single Offset Link (Half Link)
- S - Cottered Conn. Link



Nickel Plated Roller Chains

Metric (British Standard) and ANSI nickel plated chains can be ordered as follows using the part numbers referenced. Dimensions are the same as the standard.

| ANSI Nickel Plated | |
|--------------------|--------------|
| Single | Double |
| E25-1NP RIV | E25-2NP RIV |
| E35-1NP RIV | E35-2NP RIV |
| E40-1NP RIV | E40-2NP RIV |
| E41-1NP RIV | — |
| E50-1NP RIV | E50-2NP RIV |
| E60-1NP RIV | E60-2NP RIV |
| E80-1NP RIV | E80-2NP RIV |
| E100-1NP RIV | E100-2NP RIV |
| E120-1NP RIV | E120-2NP RIV |
| E140-1NP RIV | E140-2NP RIV |
| E160-1NP RIV | E160-2NP RIV |

| Metric Nickel Plated | |
|----------------------|--------------|
| Single | Double |
| E04B-1NP RIV | — |
| E05B-1NP RIV | E05B-2NP RIV |
| E06B-1NP RIV | E06B-2NP RIV |
| E08B-1NP RIV | E08B-2NP RIV |
| E10B-1NP RIV | E10B-2NP RIV |
| E12B-1NP RIV | E12B-2NP RIV |
| E16B-1NP RIV | E16B-2NP RIV |
| E20B-1NP RIV | E20B-2NP RIV |
| E24B-1NP RIV | E24B-2NP RIV |
| E28B-1NP RIV | E28B-2NP RIV |

Other sizes available on request.