

U.S. TSUBAKI RS ROLLER CHAIN

CHAIN DIMENSIONS (inch)

| U.S. TSUBAKI | | | | | | | | | Single Strand | | | |
|--------------|----------|----------|-------|-----------------|----------------------------------|-----------------------|-----------------|--|-------------------------------|--------------------------------|----------------------------|--|
| Chain No. | ANSI No. | Page No. | Pitch | Roller Diameter | Width Between Roller Link Plates | Connecting Pin Length | Plate Thickness | Minimum Ultimate Strength ANSI Standard lbs. | Average Tensile Strength lbs. | ** Maximum Allowable Load lbs. | Number of Links Per 10 ft. | |
| RS11SS▲ | — | A-45 | .1475 | *.090 | .072 | .214 | .015 | — | 175 | 11 | 814 | |
| RS15▲ | — | A-45 | .1875 | *.098 | .094 | .272 | .024 | — | 510 | 70 | 640 | |
| RS25▲ | 25 | A-6 | .250 | *.130 | .125 | .339 | .030 | 780 | 1,050 | 140 | 480 | |
| RS35▲ | 35 | A-7 | .375 | *.200 | .188 | .500 | .050 | 1,760 | 2,530 | 480 | 320 | |
| RS37 (43) | — | — | .500 | .306 | .134 | .425 | .040 | — | 2,120 | 370 | 240 | |
| RS38 (42) | — | — | .500 | .306 | .188 | .496 | .040 | — | 2,120 | 370 | 240 | |
| RS41 | 41 | A-8 | .500 | .306 | .250 | .579 | .050 | 1,500 | 2,640 | 500 | 240 | |
| RS40 | 40 | A-9 | .500 | .312 | .312 | .717 | .060 | 3,125 | 4,290 | 810 | 240 | |
| RS50 | 50 | A-10 | .625 | .400 | .375 | .878 | .080 | 4,880 | 7,050 | 1,430 | 192 | |
| RS60 | 60 | A-11 | .750 | .469 | .500 | 1.087 | .094 | 7,030 | 9,920 | 1,980 | 160 | |
| RS80 | 80 | A-12 | 1.000 | .625 | .625 | 1.398 | .125 | 12,500 | 17,640 | 3,300 | 120 | |
| RS100 | 100 | A-13 | 1.250 | .750 | .750 | 1.678 | .156 | 19,530 | 26,460 | 5,070 | 96 | |
| RS120 | 120 | A-14 | 1.500 | .875 | 1.000 | 2.118 | .187 | 28,125 | 37,480 | 6,830 | 80 | |
| RS140 | 140 | A-15 | 1.750 | 1.000 | 1.000 | 2.307 | .219 | 38,280 | 48,510 | 9,040 | 68 | |
| RS160 | 160 | A-16 | 2.000 | 1.125 | 1.250 | 2.705 | .250 | 50,000 | 60,630 | 11,900 | 60 | |
| RS180 | 180 | A-17 | 2.250 | 1.406 | 1.406 | 3.075 | .281 | 63,280 | 80,480 | 13,670 | 54 | |
| RS200 | 200 | A-18 | 2.500 | 1.562 | 1.500 | 3.299 | .312 | 78,125 | 103,630 | 16,090 | 48 | |
| RS240 | 240 | A-19 | 3.000 | 1.875 | 1.875 | 4.071 | .375 | 112,500 | 152,140 | 22,270 | 40 | |

▲ Rollerless

* Bushing Diameter

** Refer to page A-23, "Selection for Slow Speed."

