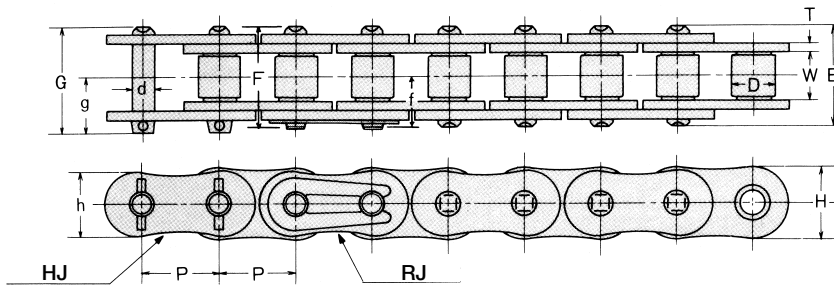


Agricultural Roller Chain

The roller chains used for agricultural machinery like tractors, combines, binders, power tillers, and planters that provide higher productivity in modern agriculture are required to have the strength and durability to withstand wear, heavy load and shocks. Agricultural roller chains can sufficiently satisfy these conditions.



Dimensions

Unit (mm)

| Chain No. | Connecting link | Pitch P | Roller link width W | Roller dia. D | Pin | | | | | Plate | | | | Avg. tensile strength | | Max. allowable load | | Approx. weight (kg/m) | | |
|-------------|-----------------|------------|------------------------|------------------|------|-------|-------|-------|------|-------|---|------|------|-----------------------|------|---------------------|--------|-----------------------|-------|------|
| | | | | | d | E | F | f | G | g | T | t | H | h | kN | kgf | kN | | kgf | |
| ※ DID 35HS | RJ | 9.525 | 4.78 | (5.08) | 3.59 | 13.1 | 13.7 | 7.8 | | | | 1.50 | 1.50 | 9.0 | 7.75 | 12.7 | 1,300 | 2.54 | 260 | 0.39 |
| ※ DID 35HK2 | — | 9.525 | 4.78 | (5.08) | 3.59 | 15.5 | 15.4 | | | | | 2.00 | 2.00 | 9.0 | 7.75 | 19.1 | 1,950 | 3.23 | 330 | 0.46 |
| DID 083 | RJ | 12.70 | 4.88 | 7.75 | 4.09 | 12.5 | 13.55 | 7.35 | | | | 1.25 | 1.25 | 10.3 | 9.6 | 13.1 | 1,340 | 2.35 | 240 | 0.43 |
| DID 415S | RJ | 12.70 | 4.76 | 7.77 | 3.97 | 13.25 | 14.3 | 7.98 | | | | 1.5 | 1.5 | 12.0 | 10.4 | 19.1 | 1,950 | 3.72 | 380 | 0.55 |
| DID 420 | RJ | 12.70 | 6.35 | 7.77 | 3.97 | 14.75 | 16.15 | 8.80 | | | | 1.5 | 1.5 | 12.0 | 10.4 | 17.8 | 1,820 | 3.72 | 380 | 0.58 |
| DID 428 | RJ | 12.70 | 7.94 | 8.50 | 4.51 | 16.7 | 18.05 | 9.83 | | | | 1.5 | 1.5 | 12.0 | 10.4 | 19.6 | 2,000 | 3.92 | 400 | 0.66 |
| DID 428H | RJ | 12.70 | 7.94 | 8.50 | 4.51 | 18.9 | 20.1 | 10.88 | | | | 2.0 | 2.0 | 12.0 | 10.4 | 23.3 | 2,380 | 4.90 | 500 | 0.76 |
| DID 520 | RJ | 15.875 | 6.35 | 10.16 | 5.09 | 17.45 | 18.85 | 10.25 | | | | 2.0 | 2.0 | 15.0 | 13.0 | 30.4 | 3,100 | 6.86 | 700 | 0.89 |
| DID 50 | RJ | 15.875 | 9.53 | 10.16 | 5.09 | 20.3 | 21.9 | 11.6 | | 12.0 | | 2.0 | 2.0 | 15.0 | 13.0 | 30.8 | 3,150 | 6.86 | 700 | 1.06 |
| DID 520HK | RJ | 15.875 | 6.35 | 10.16 | 5.09 | 18.6 | 20.2 | 10.7 | | | | 2.4 | 2.4 | 15.0 | 13.0 | 36.2 | 3,700 | 7.84 | 800 | 1.00 |
| DID 630K | RJ | 19.05 | 9.53 | 11.91 | 5.96 | 22.1 | 23.6 | 12.6 | | | | 2.4 | 2.4 | 18.1 | 15.6 | 44.1 | 4,500 | 9.31 | 950 | 1.37 |
| DID 630HK | RJ | 19.05 | 9.53 | 11.91 | 5.96 | 25.7 | 26.8 | 14.3 | | | | 3.2 | 3.2 | 18.1 | 15.6 | 50.5 | 5,150 | 10.7 | 1,100 | 1.72 |
| DID 630HKS | RJ | 19.05 | 9.53 | 11.91 | 5.96 | 25.7 | 26.8 | 14.3 | | | | 3.2 | 3.2 | 18.1 | 15.6 | 53.9 | 5,500 | 10.7 | 1,100 | 1.72 |
| DID 630SK | — | 19.05 | 9.53 | 14.28 | 7.11 | 26.25 | | 14.6 | | | | 3.6 | 3.2 | 18.1 | 18.1 | 64.7 | 6,600 | 10.7 | 1,100 | 2.03 |
| DID 630FSK2 | — | 19.05 | 9.53 | 14.28 | 7.11 | 28.5 | | | | | | 4.2 | 3.4 | 19.1 | 19.1 | 72.5 | 7,400 | 17.6 | 1,800 | 2.47 |
| DID 635SK | — | 19.05 | 11.10 | 14.28 | 7.11 | 27.8 | | | | | | 3.6 | 3.2 | 18.1 | 18.1 | 64.7 | 6,600 | 10.7 | 1,100 | 2.21 |
| DID 60H | RJ | 19.05 | 12.70 | 11.91 | 5.96 | 28.7 | 30.5 | 16.1 | 31.2 | | | 3.2 | 3.2 | 18.1 | 15.6 | 46.0 | 4,700 | 10.7 | 1,100 | 1.81 |
| DID 60SK | — | 19.05 | 12.70 | 14.28 | 7.11 | 29.8 | | 16.4 | | | | 3.6 | 3.2 | 18.1 | 18.1 | 64.7 | 6,600 | 10.7 | 1,100 | 2.23 |
| DID 80GS | HJ | 25.40 | 15.88 | 15.88 | 8.71 | 37.7 | | | 40.3 | | | 4.8 | 4.0 | 24.7 | 24.7 | 117.0 | 12,000 | 27.4 | 2,800 | 4.31 |

Note: 1. DID630FSK, DID630FSK2, DID80GS have flat oval-shaped plates.
 2. The values of max. allowable tension are not applied to connecting links.
 3. Those marked with ※ are bushing chains.