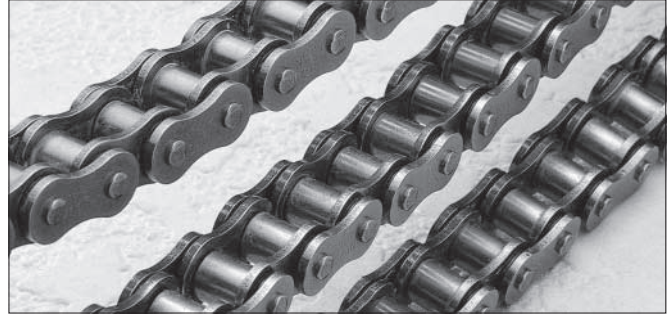


2-3-2 DID[®] Solid Bushing Chain (T, D)

Daido's "D" AND "T" Series roller chain is manufactured with a cold forged bushing and is lubricated with a Daido patented V-Grease. This lubricant extends the wear life up to 4 times longer than conventional ANSI standard roller chain. This patented V-Grease adheres to the chain in high revolution applications and resists being washed away in outdoor usage. Daido's D & T Series chain is one of the lowest cost upgrades available for your roller chain requirements.

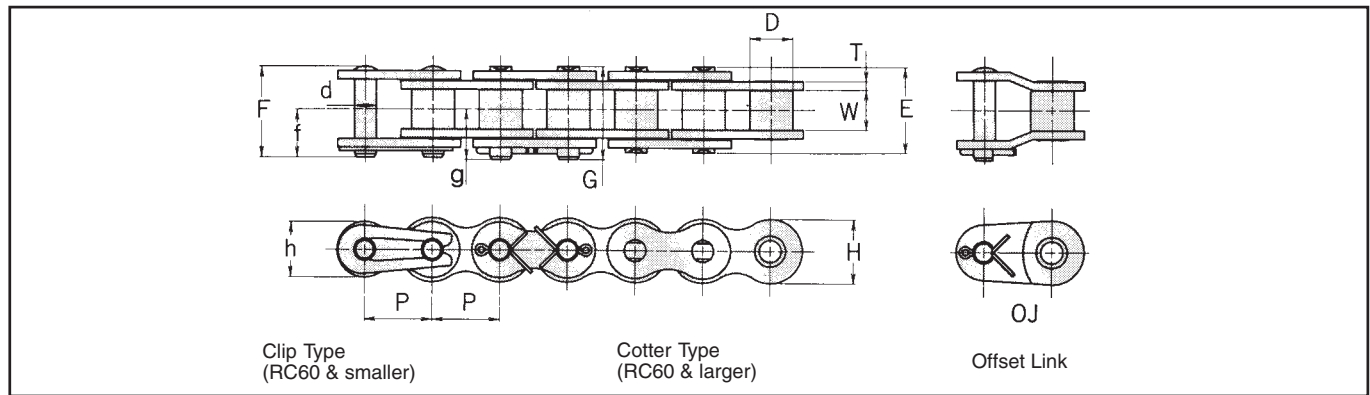


Design of chain transmission

A solid bushing chain is quite the same as a standard roller chain in strength. For selecting the suitable long life chain, refer to "General selection" (P. 91) and "Slow-speed selection" (P. 92).

Connecting links and offset links

For the connecting links and offset links of a solid bushing chain, use standard roller chain series. For RC25HT, no offset link is available.



Dimensions

Unit (inch)

| Chain No. DID | Pitch P | Roller Link Width W | Roller (Bush) Dia. D | Pin | | | | | | Plate | | | Avg. Tensile Strength lbs | Max. Allowable Load lbs | Approx. Weight (lbs/ft) |
|------------------|------------|------------------------|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------------------------|----------------------------|----------------------------|
| | | | | d | E | F | G | f | g | T | H | h | | | |
| RC25HT | 0.250 | 0.125 | 0.130 | 0.091 | 0.354 | 0.374 | — | 0.205 | — | 0.039 | 0.232 | 0.205 | 1320 | 242 | 0.107 |
| RC35T | 0.625 | 0.375 | 0.200 | 0.141 | 0.472 | 0.516 | — | 0.287 | — | 0.049 | 0.354 | 0.305 | 2530 | 484 | 0.215 |
| RC40D | 0.750 | 0.500 | 0.312 | 0.156 | 0.650 | 0.693 | — | 0.374 | — | 0.059 | 0.472 | 0.409 | 4290 | 836 | 0.422 |
| RC50D | 1.000 | 0.625 | 0.400 | 0.200 | 0.799 | 0.862 | — | 0.457 | — | 0.079 | 0.591 | 0.512 | 6930 | 1540 | 0.711 |
| RC60D | 0.750 | 0.500 | 0.469 | 0.235 | 1.000 | 1.059 | 1.098 | 0.563 | 0.594 | 0.094 | 0.713 | 0.614 | 9900 | 2090 | 0.966 |
| RC80D | 1.000 | 0.625 | 0.625 | 0.313 | 1.283 | 0.000 | 1.394 | 0.000 | 0.748 | 0.126 | 0.945 | 0.819 | 17600 | 3300 | 1.710 |
| RC100D | 1.250 | 0.750 | 0.750 | 0.376 | 1.555 | 0.000 | 1.673 | 0.000 | 0.898 | 0.157 | 1.177 | 1.024 | 26620 | 5060 | 2.541 |

Note: Those marked with * indicate bush chains.