

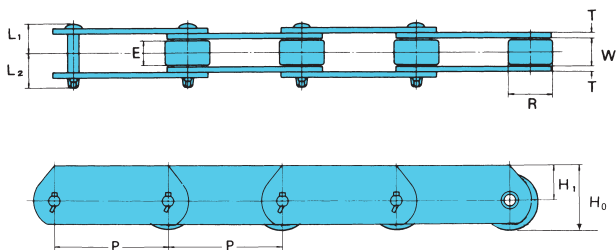
# RFD Deep Link Chains

This type of chain allows solid contact between the chain and material to be conveyed. There is less friction due to roller rotation over the chain guide rail.



### Applications

- Conveyor lines of thick plate or section steel in steel mills.
- Automobile or container assembly lines.



### RFD Deep Link Chain Specifications

All dimensions are in inches unless otherwise indicated.

| Chain Number | Pitch  | Roller             |       | Width Between Roller Link Plates | Chain Height   | Link Plate     |      | Pin            |                | Average Tensile Stgth. ("DT" Basic series) (lbs.) | Approx. Weight (lbs./ft.) |
|--------------|--------|--------------------|-------|----------------------------------|----------------|----------------|------|----------------|----------------|---|---------------------------|
|              |        | R                  | E     |                                  |                | H <sub>0</sub> | T    | L <sub>1</sub> | L <sub>2</sub> |   |                           |
|              | P      | R                  | E     | W                                | H <sub>0</sub> | H <sub>1</sub> | T    | L <sub>1</sub> | L <sub>2</sub> |   |                           |
| RFD03100-R   | 3.937  | 1.252              | .610  | .634                             | 1.453          | .827           | .126 | .709           | .787           | 6,600   | 1.88                      |
| RFD05100-R   | 3.937  | 1.575              | .748  | .866                             | 1.732          | .945           | .177 | .984           | 1.122          | 15,500  | 3.96                      |
| RFD05150-R   | 5.905  | 1.575              | .748  | .866                             | 1.732          | .945           | .177 | .984           | 1.122          | 15,500  | 3.29                      |
| RFD10150-R   | 5.905  | 2.000              | 1.063 | 1.181                            | 2.260          | 1.260          | .248 | 1.299          | 1.417          | 25,300  | 6.52                      |
| RFD10200-R   | 7.874  | 2.000              | 1.063 | 1.181                            | 2.260          | 1.260          | .248 | 1.299          | 1.417          | 25,300  | 5.71                      |
| RFD12200-R   | 7.874  | 2.559              | 1.260 | 1.461                            | 2.894          | 1.614          | .311 | 1.594          | 1.693          | 41,800  | 10.01                     |
| RFD12250-R   | 9.842  | 2.559              | 1.260 | 1.461                            | 2.894          | 1.614          | .311 | 1.594          | 1.693          | 41,800  | 9.07                      |
| RFD17250-R   | 9.842  | 3.150              | 1.732 | 2.024                            | 3.543          | 1.969          | .374 | 2.028          | 2.283          | 55,000  | 15.12                     |
| RFD17300-R   | 11.811 | 3.150              | 1.732 | 2.024                            | 3.543          | 1.969          | .374 | 2.028          | 2.283          | 55,000  | 14.45                     |
| RFD26300-R   | 11.811 | 3.346 <sup>1</sup> | 1.969 | 2.264                            | 3.760          | 2.087          | .374 | 2.185          | 2.402          | 70,400  | 16.33                     |
| RFD36300-R   | 11.811 | 3.937 <sup>1</sup> | 2.205 | 2.626                            | 4.409          | 2.441          | .500 | 2.677          | 3.071          | 106,700   | 26.21                     |
| RFD36400-R   | 15.748 | 3.937 <sup>1</sup> | 2.205 | 2.626                            | 4.409          | 2.441          | .500 | 2.677          | 3.071          | 106,700   | 22.98                     |
| RFD52450-R   | 17.716 | 4.331 <sup>1</sup> | 2.205 | 3.031                            | 4.921          | 2.756          | .630 | 3.228          | 3.543          | 112,200   | 30.91                     |

<sup>1</sup>Roller diameter is different from the roller diameter of standard conveyor chain.

To locate compatible sprockets for your chain, refer to the Product Cross-Reference in Section D.  
 Note: Dimensions are subject to change. Contact Union Chain to obtain certified prints for design and construction.