

Single Strand Roller Chain Size Chart

Part No.	25R	35R	40R	41R	50R	60R	80R	100R	120R	140R	160R	180R	200R	240R
Industry No.	25	35	40	41	50	60	80	100	120	140	160	180	200	240
Pitch (P)	0.25	0.375	0.5	0.5	0.625	0.75	1	1.25	1.5	1.75	2	2.25	2.5	3
Roller Width (W)	0.125	0.188	0.312	0.25	0.4	0.5	0.625	0.75	1	1	1.25	1.406	1.5	1.875
Roller Diameter (R)	0.13	0.2	0.312	0.306	0.375	0.469	0.625	0.75	0.875	1	1.125	1.406	1.562	1.875
Plate Height (H)	0.228	0.356	0.475	0.39	0.594	0.712	0.95	1.187	1.425	1.662	1.9	2.137	2.375	2.85
Plate Thickness (T)	0.03	0.05	0.06	0.05	0.08	0.094	0.125	0.156	0.187	0.219	0.25	0.281	0.312	0.375
Pin Diameter (D)	0.091	0.142	0.157	0.142	0.2	0.235	0.313	0.376	0.437	0.5	0.563	0.687	0.781	0.937
Overall Width (F)	0.154	0.232	0.324	0.263	0.4	0.501	0.65	0.781	1.005	1.074	1.29	1.443	1.589	1.943
Overall Width (G)	0.185	0.277	0.406	0.334	0.488	0.601	0.803	0.95	1.174	1.267	1.459	1.659	1.825	2.179
Unit of Measure (Inches or Millimeters)	in	in	in	in	in	in	in	in	in	in	in	in	in	in
Average Tensile Strength (Lbs.)	1,036	2,469	4,188	2,866	6,834	9,259	17,636	25,353	34,392	46,297	57,761	84,216	109,128	154,323
Average Weight Per Foot (Lbs./Ft.)	0.087	0.215	0.417	0.276	0.679	0.974	1.714	2.654	3.79	4.959	6.317	8.514	10.684	16.396

