



Chain Designation	Chain No.			DIN / ISO	Pitch	Width between inner plates	Roller diameter d1	Pin Diameter d2	Transverse Pitch	Overall Pin width of the chain b1			Breaking Load							
	Simplex	Duplex	Triplex							mm	Min mm	Max. Mm	Max. Mm	mm e	Max. Mm			Min. Kgf		
															Simplex	Duplex	Triplex	Simplex	Duplex	Triplex
6 X 2.8 mm	R 628			04	6.00	2.80	4.00	1.85		7.10			300							
8 X 3 mm	R 830	DR 830	TR 830	OSB	8.00	3.10	5.00	2.31	5.64	8.20	13.80	19.50	510	800	1140					
3/8 in X 7/32 in	# R 957	# DR 957	# TR 957	06B	9.525	590	6.35	3.28	10.24	13.30	23.50	33.60	920	1730	2540					
1/2 in X 1/8 in	R 1230			081	12.70	3.60	7.75	3.66		9.90			840							
1/2 in X 3/32 in	R 1224			082	12.70	2.40	7.75	3.66		8.20			840							
1/2 in X 3/16 in	R 1248 H			084	12.70	4.90	7.75	4.09		14.80			1350							
1/2 in X 3/16 in	R 1249			083	12.70	4.90	7.75	4.09		13.10			1630							
1/2 in X 5/16 in	R 1278	DR 1278	TR 1278	08B	12.70	7.85	8.51	4.45	13.92	16.80	30.70	44.65	1840	3270	485D					
5/8 in X 3/8 in	R 1595	DR 1595	TR 1595	10B	15.875	9.85	10.16	5.08	16.59	19.50	35.60	52.40	2290	4540	6810					
3/4 in X 7/16 in	R 1911	DR 1911	TR 1911	12B	19.05	11.70	12.07	5.72	19.46	22.40	41.85	61.30	2970	5900	8850					
1 in X 11/16 in	R 2517	DR 2517	TR 2517	16B	25.40	17.50	15.88	8.27	31.88	35.70	66.90	98.90	6120	10806	16310					
1 1/4 in X 19.56 mm	R 3119	DR 3119	TR 3119	20B	31.75	19.58	19.05	10.17	36.45	41.85	78.30	114.80	9690	17330	25490					
1 1/2 in X 1 in	R 3825	DR 3825	TR 3825	24B	38.10	25.40	25.40	14.63	48.36	52.90	101.30	149.70	16310	28550	43230					
1 3/4 in X 1 1/4 in	R 4431	DR 4431	TR 4431	28B	44.45	30.99	27.94	15.90	59.56	64.90	124.50	184.10	20390	36700	54040					
2 in X 31 mm	R 5031	DR 5031	TR 5031	32B	50.80	30.99	29.21	17.81	58.55	65.10	123.70	182.20	25500	45880	68320					
2 1/2 in X 1 1/2 in	R 6338	DR 6338	TR 6338	40B	63.50	38.20	39.37	22.89	72.29	82.00	154.30	226.60	36200	64240	96860					
3 in X 1 3/4 in	R 7645	DR 7645	TR 7645	48B	76.20	45.80	48.26	29.24	91.21	99.00	190.30	281.40	57100	114170	171255					
3 1/2 in X 2 7/64 in	# R 8853	# DR 8853	# TR 8853	56B	88.90	53.34	53.98	34.32	106.60	114.60	221.20	327.80	86646	163098	228338					

Straight Sided Plate Chain

ANSI/ASME B 29.1M / DIN 8188 / ISO 606 & 1395

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	Simplex	Duplex	Triplex							mm	Min mm	Max. Mm	Max. Mm	mm e	Max. Mm			Min. Kgf		
															Simplex	Duplex	Triplex	Simplex	Duplex	Triplex
1/2 in X 5/16 in	R 40	DR 40	TR 40	08A	12.70	7.90	7.95	3.96	14.38	16.80	31.20	45.60	1440	2875	4320					
5/8 in X 3/8 in	R 50	DR 50	TR 50	10A	15.875	9.55	10.16	5.08	18.11	2060	38.7	56.80	2270	4540	6810					
3/4 in X 1/2 in	R 60	DR 60	TR 60	12A	19.05	12.70	11.90	5.94	22.78	25.60	48.3	71.20	3245	6490	9730					
1 in X 5/8 in	R 80	DR 80	TR 80	16A	25.40	15.75	15.88	7.92	29.29	32.20	61.50	90.80	5780	11560	17340					
1 1/4 in X 3/4 in	R 100	DR 100	TR 100	20A	31.75	18.90	19.05	9.53	35.76	40.10	75.9	111.60	9030	18060	27090					
1 1/2 in X 1 in	R 120	DR 120	TR 120	24A	38.10	25.22	22.23	11.10	45.44	49.80	95.30	140.70	12950	25900	38850					
1 3/4 in X 1 in	R 140	DR 140	TR 140	28A	44.45	25.50	25.40	12.70	48.87	54.30	103.20	152.10	17580	35160	52740					
2 in X 1 1/4 in	R 160	DR 160	TR 160	32A	50.80	31.55	28.57	14.27	58.55	65.10	124.10	182.60	23130	46250	69370					
2 1/4 in X 35.80 mm	R 180	DR 180	TR 180	36A	57.15	35.80	35.75	17.45	65.84	73.00	138.90	204.70	28695	57384	86085					
2 1/2 in X 1 1/2 in	R 200	DR 200	TR 200	40A	63.50	38.20	39.68	19.84	71.53	80.00	151.60	223.10	36070	72150	108220					
3 in X 1 3/4 in	R 240	DR 240	TR 240	48A	76.20	47.70	47.63	23.80	87.83	95.40	183.25	271.05	53965	107930	161890					

\$ Rollerless