



PEERLESS CHAIN SPECIFICATIONS

WEISSENFELS

Specifications

Welded chain measures 1/32" larger in diameter than the trade size. For example 3/8" Proof Coil is manufactured from 13/32" diameter steel. This is shown in the tables of specifications under material size.

Where material size is not shown in any table, or expressed in wire diameters, it is understood that the chain is made of the exact size specified, with allowance for commercial mill tolerance.

Listed below for your reference are the standard link dimensions for our welded grades of Proof Coil, High Test, Transport and Alloy.

The mechanical properties shown on the chart apply only to the various chains in their standard finish and heat treat condition. Special treatments such as hot dip galvanizing or case hardening may reduce strengths by as much as 20%. Please contact us for revised recommendations when you desire such treatments for specific applications.

Welded Chain Specifications

Chain Type	Trade Size		Nominal Material Dia.		Nominal Inside Length		Minimum Inside Width		Weight Per 100 feet	Working Load Limit	
Proof Coil											
P30	3/16"	5.5mm	.217"	5.5mm	.950"	24.13mm	.405"	10.29mm	40 lbs.	800 lbs.	365 kg
P30	1/4"	7mm	.274"	7.1mm	1.236"	31.39mm	.480"	12.19mm	65 lbs.	1,300 lbs.	590 kg
P30	5/16"	8mm	.328"	8.7mm	1.285"	32.64mm	.480"	12.19mm	95 lbs.	1,900 lbs.	860 kg
P30	3/8"	10mm	.392"	10.3mm	1.374"	34.90mm	.551"	14.00mm	140 lbs.	2,650 lbs.	1,200 kg
P30	1/2"	13mm	.509"	13mm	1.782"	45.30mm	.750"	18.96mm	234 lbs.	4,500 lbs.	2,030 kg
P30	5/8"	-	.625"	-	2.016"	-	.851"	-	375 lbs.	6,900 lbs.	3,130 kg
High Test											
P43	1/4"	7mm	.274"	7.1mm	1.236"	31.39mm	.480"	12.19mm	65 lbs.	2,600 lbs.	1,180 kg
P43	5/16"	8mm	.328"	8.7mm	1.285"	32.64mm	.480"	12.19mm	95 lbs.	3,900 lbs.	1,770 kg
P43	3/8"	10mm	.392"	10.3mm	1.374"	34.90mm	.551"	14.00mm	140 lbs.	5,400 lbs.	2,450 kg
P43	1/2"	13mm	.509"	13mm	1.782"	45.30mm	.750"	18.96mm	234 lbs.	9,200 lbs.	4,170 kg
P43	5/8"	-	.625"	-	2.016"	-	.851"	-	375 lbs.	13,000 lbs.	5,910 kg
Transpdr											
P70	1/4"	7mm	.274"	7.1mm	1.236"	31.39mm	.480"	12.19mm	65 lbs.	3,150 lbs.	1,430 kg
P70	5/16"	-	.334"	-	1.120"	-	.480"	-	103 lbs.	4,700 lbs.	2,130 kg
P70	3/8"	10mm	.392"	10.3mm	1.374"	34.90mm	.551"	14.00mm	140 lbs.	6,600 lbs.	2,990 kg
P70	1/2"	13mm	.510"	13mm	1.782"	45.30mm	.750"	18.96mm	234 lbs.	11,300 lbs.	5,130 kg
P70	5/8"	-	.625"	-	2.016"	-	.851"	-	375 lbs.	15,800 lbs.	7,170 kg
Alloy											
P80	9/32"	-	.279"	-	.870"	-	.405"	-	77 lbs.	3,500 lbs.	1,570 kg
P80	3/8"	-	.404"	-	1.226"	-	.560"	-	152 lbs.	7,100 lbs.	3,200 kg
P80	1/2"	-	.529"	-	1.570"	-	.750"	-	266 lbs.	12,000 lbs.	5,400 kg
P80	5/8"	-	.625"	-	1.930"	-	.865"	-	360 lbs.	18,100 lbs.	8,200 kg
P80	3/4"	-	.801"	-	2.420"	-	1.040"	-	610 lbs.	28,300 lbs.	12,800 kg
P80	7/8"	-	.881"	-	2.700"	-	1.280"	-	775 lbs.	34,200 lbs.	15,500 kg
P80	1"	-	1.000"	-	2.800"	-	1.400"	-	953 lbs.	47,700 lbs.	21,600 kg
P80	1-1/4"	-	1.250"	-	3.500"	-	1.750"	-	1,537 lbs.	72,300 lbs.	32,800 kg
Alloy											
P100	9/32"	-	.279"	-	.870"	-	.405"	-	77 lbs.	4,300 lbs.	1,950 kg
P100	3/8"	-	.404"	-	1.226"	-	.560"	-	152 lbs.	8,800 lbs.	4,000 kg
P100	1/2"	-	.529"	-	1.570"	-	.750"	-	266 lbs.	15,000 lbs.	6,800 kg
P100	5/8"	-	.625"	-	1.930"	-	.865"	-	360 lbs.	22,600 lbs.	10,300 kg