

### Lacing Selection Chart

Lacing Size No.	For Belts With Mechanical Fastener Ratings Up To:		Belt Thickness Range		Recommended Pulley Diameter	
	P.I.W	Kn/m	in.	mm.	in.	mm.
0	25	4.3	Up thru 1/16	up thru 1.6	1	25
1	45	7.8	1/16-3/32	1.6-2.4	1-1/2	38
7	50	8.7	3/32-9/64	2.4-3.6	2	51
15	65	11.4	1/8-5/32	3.2-4.0	2-1/2	64
20	95	16.6	5/32-3/16	4.0-4.8	3	76
25	100	17.5	3/16-7/32	4.8-5.6	4	102
27	100	16	7/32-9/32	5.6-7.1	5	127
35	150	26	9/32-5/16	7.1-7.9	7	178
45	165	28	5/16-3/8	7.9-9.5	9	229
55	175	30	3/8-7/16	9.5-11.1	12	305
65	200	35	7/16-1/2	11.1-12.7	14	356

### Staple Fastener Selection Chart

Fastener Size No.	For Belts With Mechanical Fastener Ratings Up To:		Belt Thickness Range		Recommended Pulley Diameter	
	P.I.W	Kn/m	in.	mm.	in.	mm.
62	100	17	1/16-1/8	1.5-3.2	2	50
125	160	28	1/8-3/16	3.2-4.8	3	75
187	200	35	3/16-1/4	4.8-6.4	4	102
310	250	44	1/4-5/16	6.4-7.9	4	102

### Rivet Hinged Belt Fastener Selection Chart

Fastener Size	For Belts With Mechanical Fastener Ratings Up To:		Belt Thickness Range		Recommended Minimum Pulley Diameter			
	P.I.W	Kn/m	in.	mm.	Operating Tension 100% of Belt Rating		Operating Tension Under 75% Of Belt Rating	
					in.	mm.	in.	mm.
R5	450	79	7/32-7/16"	6-11mm	9"	230mm	7"	175mm
R5-1/2	650	114	3/8"-19/32"	9-14mm	12"	300mm	10"	250mm
R6	800	140	13/32"-11/16"	10-17mm	18"	450mm	16"	400mm

### Bolt Hinged Belt Fastener Selection Chart

Fastener Size	For Belts With Mechanical Fastener Ratings Up To:		Belt Thickness Range		Recommended Minimum Pulley Diameter			
	P.I.W	Kn/m	in.	mm.	Operating Tension 100% Of Belt Rating		Operating Tension Under 75% of Belt Rating	
					in.	mm.	in.	mm.
375X	190	33	1/4-13/32	6-10	6	152	4	102
550	300	52	1/4-5/8	6-16	9	230	7	178
750	400	70	9/16-7/8	14-22	20	507	18	457

### Bolt Solid Plate Fastener Selection Chart

Fastener Size	For Belts With Mechanical Fastener Ratings Up To:		Belt Thickness Range		Operating Tension 75-100% of Belt Rating		Operating Tension 50-75% of Belt Rating		Operating Tension Under 50% of Belt Rating	
	P.I.W	Kn/m	in.	mm.	in.	mm.	in.	mm.	in.	mm.
1	160	30	3/16-7/16	5-11	12	300	10	260	8	200
140*	225	40	3/16-7/16	5-11	14	360	12	300	10	250
190	330	60	5/16-9/16	8-14	18	460	16	410	14	360
1-1/2	300	50	7/16-11/16	11-17	18	460	16	410	14	360
2	440	75	9/16-13/16	14-21	30	760	28	710	24	610
2	700	123	5/16-1-1/4	8-32						510
(when used with No.3 Lead Wedlok pattern)			Belts over 7/8 (22mm.) require extra long No.2-1/4 bolts.		20	510	20	510	20	
2-1/4	620	105	9/16-1 3/16	14-30	36	920	34	860	34	860
2-1/2	450	75	3/4-1-15/16	19-25	42	1070	42	1070	42	1070
3	560	100	& over	24mm&over	48	1220	48	1220	48	1220
SP6	150	26	1/4-1/2	6-13	14	360	12	300	10	250

### Rivet Solid Plate Fastener Selection Chart

Fastener Size	For Belts With Mechanical Fastener Ratings Up To:		Belt Thickness Range		Recommended Minimum Pulley Diameter					
	P.I.W	Kn/m	in.	mm.	Operating Tension 75-100% of Belt Rating		Operating Tension 50-75% of Belt Rating		Operating Tension Under 50% of Belt Rating	
					in.	mm.	in.	mm.	in.	mm.
BR-10	650	114	7/32-11/16	6-17	18	450	16	400	14	350
BR-14	800	140	13/32-15/16	10-24	36	900	34	860	34	860