

Pitch (Imperial and Metric)		T5 Pitch "K6" V-guide						AT5 Pitch "K6" V-guide				ATL5 Pitch "K6" V-guide					
Belt Width		16 mm	25 mm	32 mm	50 mm	75 mm	100 mm	16 mm	25 mm	32 mm	50 mm	16 mm	25 mm	32 mm	50 mm		
Ultimate Tensile Strength	Steel	Lbf	450	759	955	1546	2332	3119	961	1602	2050	3268	1394	2369	3066	4878	
		N	2000	3375	4250	6875	10375	13875	427	7125	9120	14535	6200	10540	13640	21700	
	Kevlar	Lbf	1115	1882	2369	3833	5784	7736	1126	1877	2403	3829	N/A	N/A	N/A	N/A	
		N	4960	8370	10540	17050	25730	34410	5010	8350	10688	17034	N/A	N/A	N/A	N/A	
Max. Allowable Belt Tension	Steel	Open Ended	Lbf	112	189	238	385	581	776	237	396	507	807	309	526	681	1083
			N	498	840	1058	1711	2582	3453	1056	1761	2253	3591	1376	2340	3028	4818
		Welded	Lbf	52	80	98	179	264	340	52	80	98	179	68	105	138	238
			N	232	356	438	796	1173	1512	232	356	438	796	303	468	606	1060
	Kevlar	Open Ended	Lbf	122	206	259	419	633	846	163	272	348	555	N/A	N/A	N/A	N/A
			N	543	916	1153	1865	2814	3764	726	1210	1549	2468	N/A	N/A	N/A	N/A
		Welded	Lbf	52	80	98	179	264	340	52	80	98	179	N/A	N/A	N/A	N/A
			N	232	356	438	796	1173	1512	232	356	438	796	N/A	N/A	N/A	N/A
Allowable Effective Tension for Belt Teeth (15 and More Teeth in Mesh)		Lbf	80	152	208	352	552	752	116	220	302	510	116	220	302	510	
		N	356	676	926	1566	2456	3346	516	980	1342	2270	516	980	1342	2270	
Belt Weight	Steel	Lbf	0.047	0.054	0.060	0.087	0.128	0.161	0.054	0.067	0.081	0.121	0.054	0.074	0.094	0.134	
		Kgf/m	0.070	0.080	0.090	0.130	0.190	0.240	0.080	0.100	0.120	0.180	0.080	0.110	0.140	0.200	
	Kevlar	Lbf	0.040	0.047	0.054	0.081	0.114	0.148	0.047	0.060	0.074	0.107	N/A	N/A	N/A	N/A	
		Kgf/m	0.060	0.070	0.080	0.120	0.170	0.220	0.070	0.090	0.110	0.160	N/A	N/A	N/A	N/A	
Belt Stiffness (Open Ended)	Steel	Lbf	30216	47212	59452	96173	141637	194095	59369	98949	126655	201856	77361	131513	170194	270763	
		N	134400	210000	264444	427778	630000	863333	264075	440125	563360	897855	344118	585000	757059	1204412	
	Kevlar	Lbf	32932	51456	64796	104817	154367	211540	40805	68008	87050	138737	N/A	N/A	N/A	N/A	
		N	146480	228875	288213	466227	686625	940931	181500	302500	387200	617100	N/A	N/A	N/A	N/A	
Minimum Pulley - Normal Flexing, Teeth & Pitch Diameter		25 Teeth (39 mm)						25 Teeth (39 mm)				25 Teeth (39 mm)					
Minimum Pulley - Back Flexing, Pitch Diameter		80 mm						100 mm				100 mm					
Available in FDA Compliant Construction (85A with Kevlar®)		No						No				No					
Standard Colors		Natural, White						White				White					
Nylon Fabric Available on Tooth Side (NT)		No						No				No					
Service Temperature Range		23° F to 158° F															

Pitch (Imperial and Metric)			T10 Pitch "K6" V-guide				T10 Pitch "K13" V-guide					AT10 Pitch "K13" V-guide					
Belt Width			16 mm	25 mm	32 mm	50 mm	25 mm	32 mm	50 mm	75 mm	100 mm	150 mm	25 mm	32 mm	50 mm	75 mm	
Ultimate Tensile Strength	Steel	Lbf	944	1605	2077	3305	1605	2077	3305	5004	6704	10103	3204	4058	6621	10038	
		N	4200	7140	9240	14700	7140	9240	14700	22260	29820	44940	14250	18050	29450	44650	
	Kevlar	Lbf	1091	2060	2666	4241	2060	2666	4241	6422	8603	12965	3639	4609	7520	11401	
		N	4851	9163	11858	18865	9163	11858	18865	28567	38269	57673	16185	20501	33449	50713	
Max. Allowable Belt Tension	Steel	Open Ended	Lbf	252	429	555	883	429	555	883	1338	1792	2700	841	1065	1738	2635
			N	1123	1909	2470	3929	1909	2470	3929	5950	7971	120212	3741	4739	7731	11722
		Welded	Lbf	131	216	298	455	114	184	328	544	788	1300	166	263	511	828
			N	584	959	1326	2022	505	820	1457	2422	3505	5782	738	1168	2274	3684
	Kevlar	Open Ended	Lbf	143	239	309	492	239	309	492	745	999	1505	393	498	813	1233
			N	638	1064	1376	2190	1064	1376	2190	3316	4442	6694	1750	2217	3617	5483
		Welded	Lbf	110	180	249	380	95	154	274	455	659	1086	116	184	359	581
			N	488	802	1108	1690	422	685	1218	2024	2930	4833	518	820	1596	2585
Allowable Effective Tension for Belt Teeth (15 and More Teeth in Mesh)			Lbf	152	289	395	669	182	289	562	942	1322	2082	278	441	858	1438
			N	676	1284	1758	2974	811	1284	2501	4191	5881	9261	1238	1961	3818	6398
Belt Weight	Steel	Lbf	0.053	0.081	0.103	0.158	0.114	0.134	0.195	0.275	0.356	0.517	0.128	0.154	0.222	0.316	
		Kgf/m	0.080	0.121	0.153	0.235	0.170	0.200	0.290	0.410	0.530	0.770	0.190	0.230	0.440	0.470	
	Kevlar	Lbf	0.046	0.069	0.087	0.134	0.094	0.114	0.154	0.215	0.275	0.396	0.107	0.121	0.175	0.248	
		Kgf/m	0.068	0.130	0.130	0.200	0.140	0.170	0.230	0.320	0.410	0.590	0.160	0.180	0.260	0.370	
Belt Stiffness (Open Ended)	Steel	Lbf	63095	107262	138810	220834	107262	138810	220834	334405	447977	675120	210253	266320	434522	658792	
		N	280662	477125	617456	982316	477125	617456	983216	147507	1992699	3003081	935250	1184650	1932850	2930450	
	Kevlar	Lbf	35863	59771	77351	123058	59771	77351	123058	186345	249632	376206	98354	124582	203265	308176	
		N	159525	265875	344074	547390	265875	344074	547390	828904	1110419	1673449	437500	554167	904167	1370833	
Minimum Pulley - Normal Flexing, Teeth & Pitch Diameter			25 Teeth (77.70 mm)				25 Teeth (77.70 mm)					25 Teeth (77.70 mm)					
Minimum Pulley - Back Flexing, Pitch Diameter			80 mm				80 mm					88 mm					
Available in FDA Compliant Construction (85A with Kevlar®)			No				Yes					No					
Standard Colors			Natural, White				Natural, White					Natural, White					
Nylon Fabric Available on Tooth Side (NT)			No				Yes					Yes					
Service Temperature Range			23° F to 158° F														