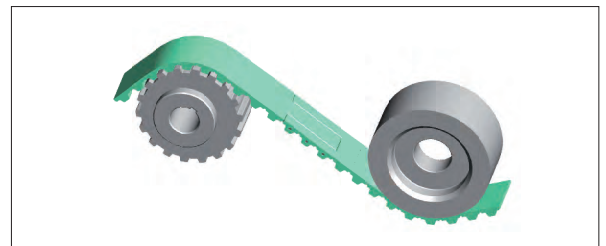
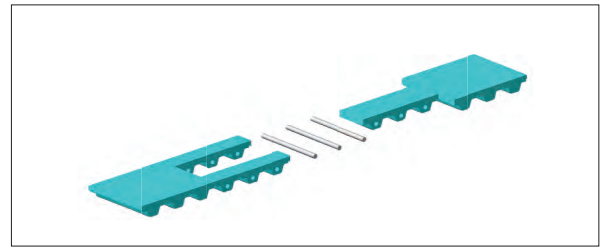


ELATECH® EMF - Mechanical Fastening System

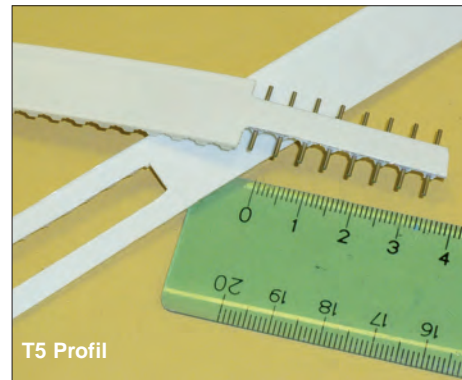
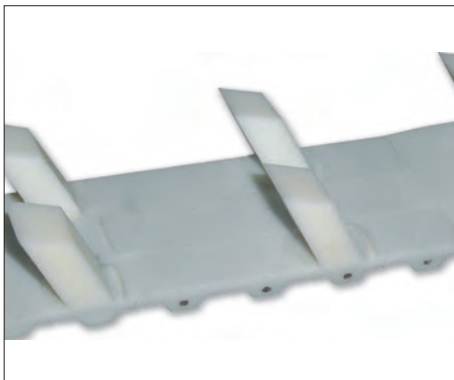
(patent pending)

ELATECH® EMF - Mechanical Fastening System allows in many conveying applications cost savings associated with being able to design equipment around the installation principle of EMF.



Features

- EMF has no exposed metal parts, therefore no metal contact is made with pulleys, so it runs very quietly. Since there are no exposed metal parts, EMF will not damage conveyed products like competing metal based mechanical fastening alternatives.
- EMF maintains the same minimum pulley requirements as the belt and can operate with back bend idlers.
- It is excellent for belt applications with special backings such as Linatex, Supergrip, PVC, Fishbone, etc. EMF fits snug, which eliminates gaps otherwise seen in competing designs.
- It is suitable for belts with profiles for quick installation, saving time and money.
- EMF installs in seconds, making it the fastest timing belt installation for product conveyance. There is no need for time-consuming field welding.
- It is simple to install and requires no cumbersome or expensive field welding equipment.
- It can be custom designed according to the application strength needed. EMF can reach the same strength as the traditional welding.
- It is available on all pitches, making it a "must have" for all of your customer's conveying applications.



No tools needed

ELATECH® EMF - Module

Profile	Width [mm]	Number of pins	Max working tension [N]	
T 5	10	5	96	
		8	144	
	16	5	176	
		8	224	
	20	5	232	
		8	256	
	25	5	304	
		8	450	
	32	5	360	
		8	480	
	T 10	16	4	216
			8	320
12			640	
20		4	240	
		8	304	
25		8	504	
		11	680	
		4	400	
32		8	576	
		12	880	
		4	624	
50		8	1120	
		11	1480	
		4	800	
75		8	1600	
		11	1760	
		4	1040	
100		8	2000	
		11	2280	
		4	1600	
T 20		25	4	536
			11	1600
		32	4	784
			6	1200
	50	4	960	
		11	3040	
75	4	1600		
	11	3560		
	4	2130		
	11	7600		
AT 5	10	5	144	
		8	168	
	16	5	280	
		8	320	
	25	5	208	
		8	288	
	32	5	320	
		8	380	
	50	5	440	
		8	600	
	AT 10	16	4	256
			8	500
12			960	
20		4	344	
		4	384	
25		8	624	
		11	904	
32		4	640	
		8	800	
50		12	1200	
		4	880	
		8	1680	
75		11	2160	
		4	1040	
		8	2320	
100		11	2640	
		4	1440	
		8	2720	
11	3440			

Profile	Width [mm]	Number of pins	Max working tension [N]	
AT 20	25	4	800	
		11	1760	
	32	4	1200	
		6	1520	
	50	4	1600	
		11	4400	
	75	4	1920	
		11	6080	
	100	4	2700	
		11	7700	
	HT 5	10	5	120
			5	168
16		5	240	
		8	296	
20		5	224	
		8	296	
25		5	280	
		8	376	
32		5	320	
		8	510	
50		5	480	
		8	640	
75	4	728		
	8	1096		
100	5	800		
	8	1520		
HT 8	15	5	256	
		5	360	
	20	5	376	
		10	784	
	25	10	960	
		14	960	
	30	5	400	
		11	960	
	50	5	800	
		10	1440	
	75	14	2080	
		22	2300	
85	5	1320		
	10	2400		
100	14	2880		
	9	2320		
HT 14	40	5	1120	
		5	1600	
	55	16	-	
		5	2400	

Profile	Width [mm]	Number of pins	Max working tension [N]
RP 5	10	5	120
		5	168
	16	8	240
		5	224
	20	8	296
		5	280
	25	8	376
		5	320
	32	8	510
		5	480
	50	8	640
		4	728
75	8	1096	
	5	800	
100	8	1520	
	5	256	
RP 8	15	5	256
		5	360
	20	5	376
		10	784
	25	14	960
		5	400
	30	11	960
		5	800
	50	10	1440
		14	2080
	75	22	2300
		5	1320
85	10	2400	
	14	2880	
100	5	1760	
	10	3200	
RP 14	40	5	1120
		5	1600
55	16	-	
	5	2400	

Profile	Width [mm]	Number of pins	Max working tension [N]
ST 5	10	5	120
		5	168
	16	8	240
		5	224
	20	8	296
		5	280
	25	8	376
		5	320
	32	5	480
		8	640
	50	4	728
		8	1096
75	5	800	
	8	1520	
ST 8	15	5	256
		5	360
	20	5	376
		10	784
	25	14	960
		5	400
	30	11	960
		5	800
	50	10	1440
		14	2080
	75	22	2300
		5	1320
85	10	2400	
	14	2880	
100	9	2320	
	5	1760	
ST 14	40	5	1120
		16	-
L	12,7	4	144
		5	256
	19,05	5	288
		5	480
	25,4	5	560
		5	1000
H	12,7	3	120
		4	240
	19,05	4	304
		4	520
	25,4	4	640
		4	880
38,1	4	1120	
	4	3060	
XH	50,8	10	3060