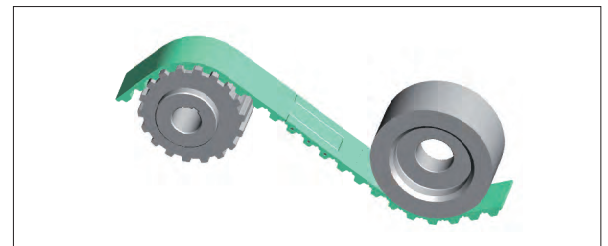
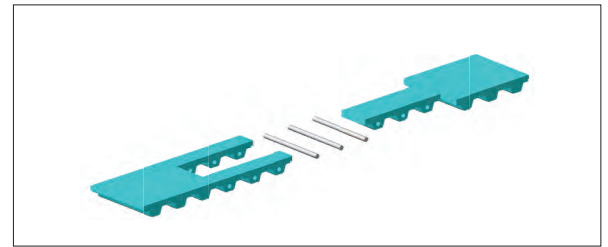


ELATECH® EMF - Mechanical Fastening System

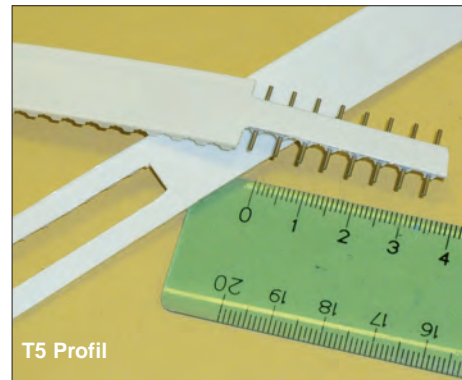
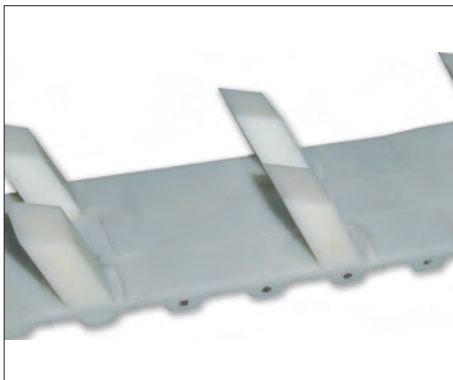
(patent pending)

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	
	50	4	216	
		8	320	
T 10	16	12	640	
		4	240	
		8	304	
	20	4	240	
		8	504	
		11	680	
	25	4	400	
		8	576	
		12	880	
	32	4	624	
		8	1120	
		11	1480	
50	4	800		
	8	1600		
	11	1760		
75	4	1040		
	8	2000		
	11	2280		
100	4	1360		
	8	2720		
	11	3440		
T 20	25	4	536	
		11	1600	
	32	4	784	
		6	1200	
	50	4	960	
		11	3040	
	75	4	1600	
		11	3560	
	100	4	2130	
		11	7600	
	AT 5	10	5	144
			8	168
16		5	280	
		8	320	
20		5	208	
		8	288	
25		5	320	
		8	380	
32		5	440	
		8	600	
AT 10		16	4	256
			8	500
	12		960	
	20	4	344	
		8	384	
	25	8	624	
		11	904	
	32	4	640	
		8	800	
	50	12	1200	
		4	880	
	75	8	1680	
11		2160		
4		1040		
100	8	2320		
	11	2640		
	4	1440		
100	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
			8	168
16		5	168	
		8	240	
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	
		8	360	
	20	5	376	
		10	784	
	25	5	400	
		11	960	
	30	5	800	
		11	1440	
	50	14	2080	
		22	2300	
	75	5	1320	
		10	2400	
85	9	2320		
	14	2880		
100	5	1760		
	10	3200		
100	14	3600		
	5	1120		
55	5	1600		
	16	-		
85	5	2400		

Profile	Width [mm]	Number of pins	Max working tension [N]
RP 5	10	5	120
		8	168
	16	5	224
		8	296
	20	5	280
		8	376
	25	5	320
		8	510
	32	5	480
		8	640
	50	4	728
		8	1096
75	5	800	
	8	1520	
RP 8	15	5	256
		8	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	
100	10	3200	
	14	3600	
RP 14	40	5	1120
		16	-
	55	5	1600
		16	-
85	5	2400	

Profile	Width [mm]	Number of pins	Max working tension [N]
ST 5	10	5	120
		8	168
	16	5	224
		8	296
	20	5	280
		8	376
	25	5	320
		8	480
	32	5	480
		8	640
	50	4	728
		8	1096
75	5	800	
	8	1520	
ST 8	15	5	256
		8	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	
100	10	3200	
	14	3600	
ST 14	40	5	1120
		16	-
	55	5	1600
		16	-
L	12,7	4	144
	19,05	5	256
	25,4	5	288
	38,1	5	480
	50,8	5	560
	76,2	5	1000
H	101,6	5	1200
	12,7	3	120
	19,05	4	240
	25,4	4	304
	38,1	4	520
	50,8	4	640
XH	76,2	4	880
	101,6	4	1120
XH	50,8	10	3060