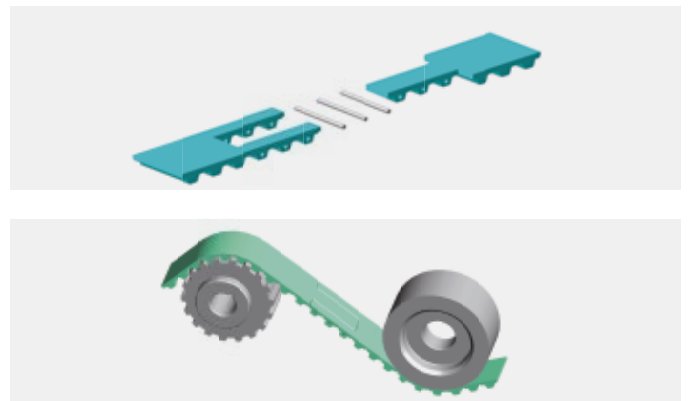


ELATECH® EMF – Mechanical Fastening System

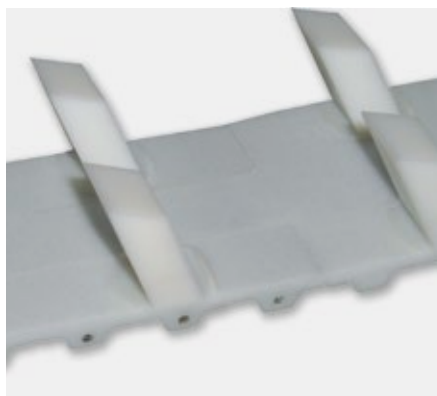
ELATECH® EMF - Mechanical Fastening System allows in many conveying applications cost savings associated with being able to design equipment around the installation principle of EMF.



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.

Conveying Applications



ELATECH® EMF

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

Profile	Width [mm]	Number of pins	Max working tension [N]	Carbon pin
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	
	15	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	
	20	5	360	
		5	376	•
	25	10	784	•
		14	960	•
	30	5	400	
		11	960	
	50	5	800	•
		10	1440	•
		14	2080	•
		22	2300	•
	75	5	1320	
		10	2400	
		14	2880	
22		3200		
85	9	2320		
	5	1760		
	10	3200		
	14	3600		
100	5	1760		
	10	3200		
	14	3600		
	22	4000		
HT 14	40	5	1120	
	55	5	1600	
	85	5	2400	

Profile	Width [mm]	Number of pins	Max working tension [N]	Carbon pin
RP 5	10	5	120	
		5	168	
	15	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	•
		5	376	•
	25	10	784	•
		14	960	•
	30	5	400	
		11	960	
	50	5	800	•
		10	1440	•
		14	2080	•
		22	2300	•
	75	5	1320	
		10	2400	
14		2880		
22		3200		
85	9	2320		
	5	1760		
	10	3200		
	14	3600		
RP 14	40	5	1120	
	55	5	1600	
	85	5	2400	

Profile	Width [mm]	Number of pins	Max working tension [N]	Carbon pin
ST 5	10	5	120	
		5	168	
	15	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		
ST 8	15	5	360	
		5	376	•
	20	10	784	•
		14	960	•
	25	5	400	
		11	960	
	50	5	800	•
		10	1440	•
		14	2080	•
		22	2300	•
75	5	1320		
	10	2400		
	14	2880		
	22	3200		
85	9	2320		
	5	1760		
	10	3200		
	14	3600		
100	5	1120		
	5	1600		
	5	2400		
	5	1120		
ST 14	55	5	1600	
	85	5	2400	
	12,7	4	144	
	19,05	5	256	
	25,4	5	288	•
L	38,1	5	480	
	50,8	5	560	•
	76,2	5	1000	
	101,6	5	1200	
	12,7	4	160	
H	19,05	4	240	
	25,4	4	304	•
	38,1	4	520	
	50,8	4	640	•
	76,2	4	880	
101,6	4	1120		
XH	50,8	10	3060	

SAFELOCK - EMF PIN MODULE (PATENT PENDING)

- Better adhesion due to the pin with milled edges
- Available for all the EMF standard range
- Made in stainless steel

