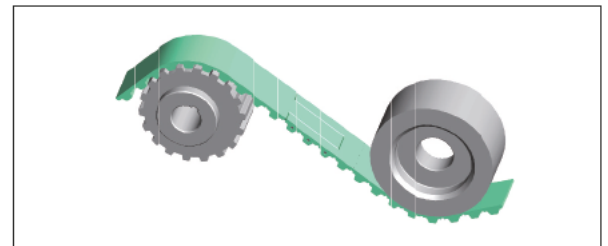
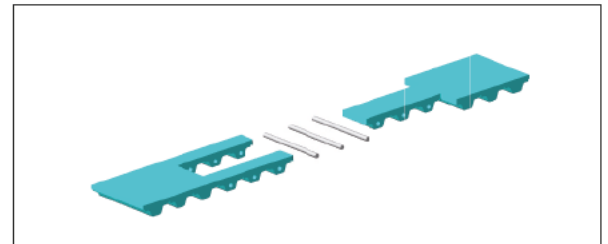
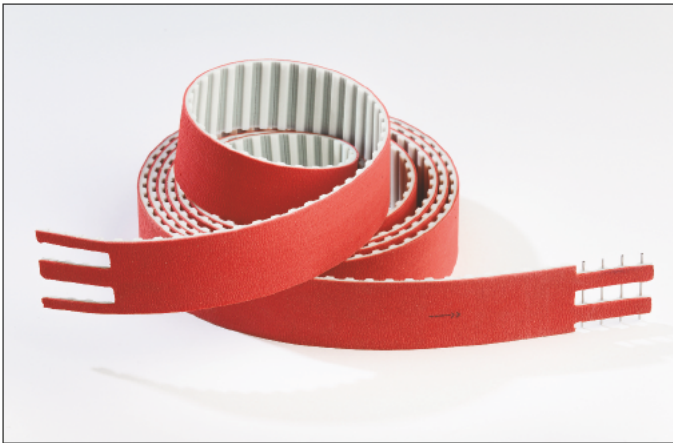


ELATECH® EMF - Mechanical Fastening System

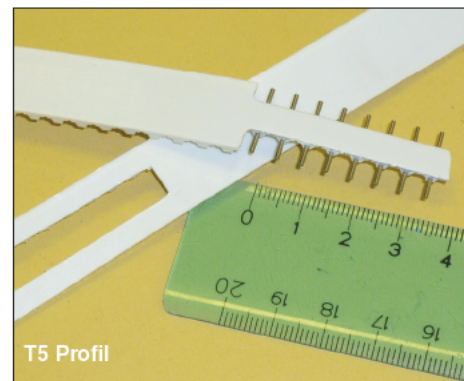
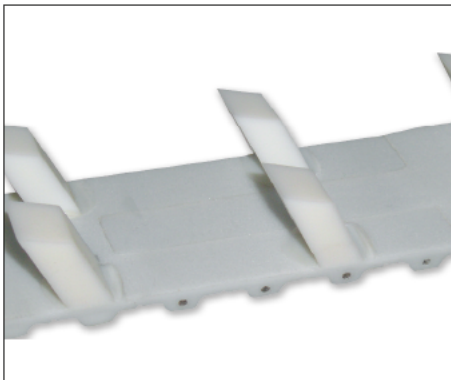
(patent pending)

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]	Carbon pin available	
T 5	10	5	96		
		8	144		
	16	5	176		
		8	232		
	20	5	176		
		8	256		
	25	5	304		
		8	450		
	32	5	360		
		8	480		
	T 10	16	4	216	
			8	320	
20		4	240		
		8	304	*	
25		8	504	*	
		11	680	*	
32		4	400	*	
		8	576	*	
50		12	880	*	
		4	624	*	
75		8	1120	*	
		11	1480	*	
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	240	
16		5	168		
		8	280		
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		
	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	*	
100	4	1040			
	8	2320			
11	4	1440			
	8	2720			
11	8	3440			

Profile	Width [mm]	Number of pins	Max working tension [N]	Carbon pin available	
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	240	
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		
		8	376	*	
	20	5	360		
		8	376	*	
	25	10	784	*	
		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			
	14	2400			
85	9	2320			
	5	1760			
100	10	3200			
	14	3600			
HT 14	40	5	1120		
	55	5	1600		
	85	5	2400		

Profile	Width [mm]	Number of pins	Max working tension [N]	Carbon pin available
RP 5	10	5	120	
		8	168	
	15	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	360	
		8	376	*
	25	10	784	*
		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		
	14	2400		
RP 14	40	5	1120	
	55	5	1600	
	85	5	2400	

Profile	Width [mm]	Number of pins	Max working tension [N]	Carbon pin available
ST 5	10	5	120	
		8	168	
	15	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		
ST 8	15	5	256	
		8	360	*
	20	5	360	*
		10	784	*
	25	14	960	*
		11	960	
	30	5	400	*
		10	1440	*
	50	14	2080	*
		22	2300	*
	75	5	1320	
		10	2400	
85	9	2320		
	5	1760		
100	10	3200		
	14	3600		
ST 14	40	5	1120	
	55	5	1600	
	85	5	2400	
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	



EMF available with carbon pins.