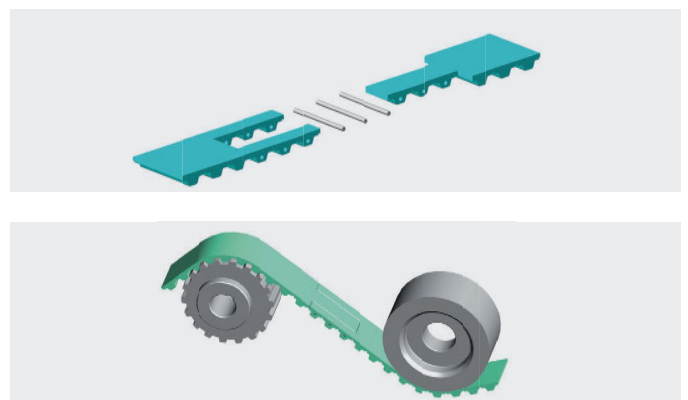


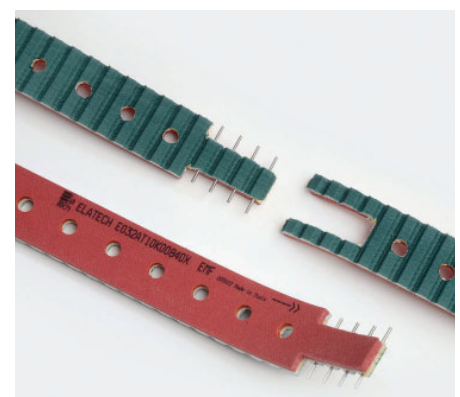
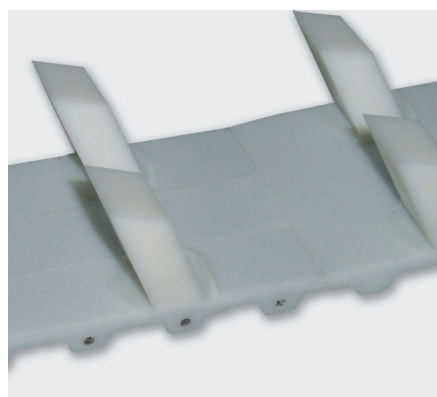
ELATECH® EMF – Mechanical Fastening System

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.



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	
T 20	25	11	2280	
		4	536	
		11	1600	
	32	4	784	
		6	1200	
		4	960	
	50	11	3040	
		4	1600	
		11	3560	
	100	4	2130	
AT 5	10	11	7600	
		5	144	
		5	168	
	16	8	240	
		5	280	
		8	320	
	25	5	208	
		8	288	
		5	320	
	32	8	380	
AT 10	50	5	440	
		8	600	
		4	256	
	16	8	500	
		12	960	
		4	344	
	20	4	384	•
		8	624	•
		11	904	•
	25	4	640	•
		8	800	•
		12	1200	•
	32	4	880	•
		8	1680	•
		11	2160	•
	50	4	1040	
		8	2320	
		11	2640	
AT 5	75	4	1440	
		8	2720	
		11	3440	
	100	8	2720	
		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	
		5	168	
	15	8	240	
		5	224	
	20	8	296	
		5	280	•
	25	8	376	•
		5	320	•
	32	8	510	•
		5	480	•
HT 8	50	8	640	•
		4	728	
	75	8	1096	
		5	800	
	100	8	1520	
		5	256	
	15	5	360	
		5	376	•
	20	10	784	•
		14	960	•
HT 14	25	5	400	
		11	960	
	30	5	800	•
		10	1440	•
	50	14	2080	•
		22	2300	•
	75	5	1320	
		10	2400	
	100	14	2880	
		9	2320	
HT 14	85	5	1760	
		14	3600	
	40	5	1120	
		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	•
RP 8	50	5	480	•
		8	640	•
	75	4	728	
		8	1096	
	100	5	800	
		8	1520	
RP 14	15	5	256	
		5	256	
	20	5	360	
		5	376	•
	25	10	784	•
		14	960	•
	30	5	400	
		11	960	
	50	5	800	•
		10	1440	•
RP 14	75	14	2080	•
		22	2300	•
	85	5	1320	
		10	2400	
	100	14	2880	
		9	2320	
	100	5	1760	
		10	3200	
	14	14	3600	
		5	1120	
RP 14	55	5	1600	
		5	2400	
	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	5	480	•
		8	640	•
ST 8	75	4	728	
		8	1096	
	100	5	800	
		8	1520	
	15	5	256	
		5	360	
	20	5	376	•
		10	784	•
	25	14	960	•
		5	400	
ST 14	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	
L	100	10	3200	
		14	3600	
	40	5	1120	
		5	1600	
	55	5	2400	
		5	2400	
	12,7	4	144	
		5	256	
	19,05	5	288	•
		5	480	
H	25,4	5	560	•
		5	1000	
	38,1	5	1200	
		4	160	
	50,8	4	240	
		4	304	•
	76,2	4	520	
		4	640	•
	101,6	4	880	
		4	1120	
XH	50,8	10	3060	
		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

