PPJ JOINING SYSTEM

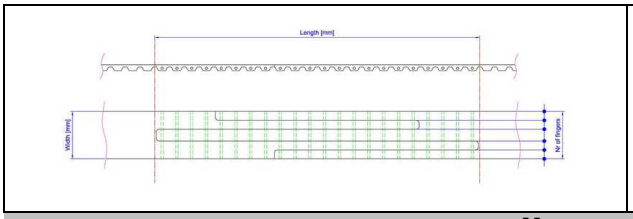
MEGADYNE

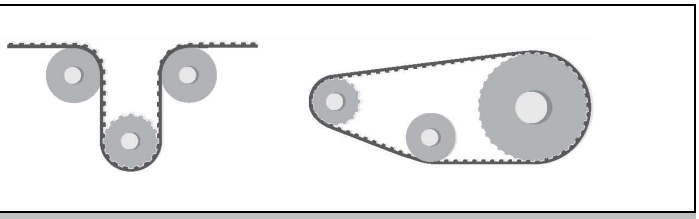
STANDARD RANGE AVAILABLE FOR PPJ JOINTING SYSTEM

Technical features

- Reduced load capacity when compared to standard joined belts
- Created to allow the jointing of belts directly on the machine
- Allows a very fast belts' replacement
- The back of the belts is virtually flat
- Born for conveyoring applications only, max suggested speed is 120 m/min
- AISI302 as standard material of pins
- Rolls with NFT, NFB, AVAFC, APL, Fishbone, Ribbed and Supergrip can be PPJed
- Minimum splice length of 700 mm

Dimensions and loads





SECTION	Width* [mm]	Length* [mm]	Max Static Load** [N]	Number of fingers [n_f]	Min. internal pulley [z_{min}]	Min. inside idler [mm]	Min. outside idler [mm]
T10 25	25	180	510	4	12	60	60
T10 32	32	220	660	5	12	60	60
T10 50	50	220	1.020	6	12	60	60
T10 75	75	240	1.150	7	12	60	60
T10 100	100	320	1.530	9	12	60	60
T20 32	32	260	980	4	15	120	120
T20 50	50	320	1.530	4	15	120	120
T20 75	75	340	2.300	6	15	120	120
AT10 25	25	180	740	4	15	50	120
AT10 32	32	220	950	5	15	50	120
AT10 50	50	220	1.480	6	15	50	120
AT10 75	75	240	1.670	7	15	50	120
AT10 100	100	320	2.220	9	15	50	120
AT20 32	32	260	1.420	4	18	120	180
AT20 50	50	320	2.210	4	18	120	180
AT20 75	75	340	3.310	6	18	120	180
MTD8 20	20	128	540	4	20	Not possible	100
MTD8 30	30	176	810	5	20	Not possible	100
MTD8 50	50	176	1.340	6	20	Not possible	100
MTD8 85	85	192	1.710	7	20	Not possible	100
MTD8 100	100	256	2.010	9	20	Not possible	100
RPP8 20	20	128	610	4	18	Not possible	100
RPP8 30	30	176	920	5	18	Not possible	100
RPP8 50	50	176	1.520	6	18	Not possible	100
RPP8 85	85	192	1.940	7	18	Not possible	100
RPP8 100	100	256	2.280	9	18	Not possible	100
TG10 50	50	220	760	5	25	80	80
ATG10 50	50	220	1.100	5	25	120	100

**** For different widths and/or lengths please ask***
***** please consider an adequate safety factor***

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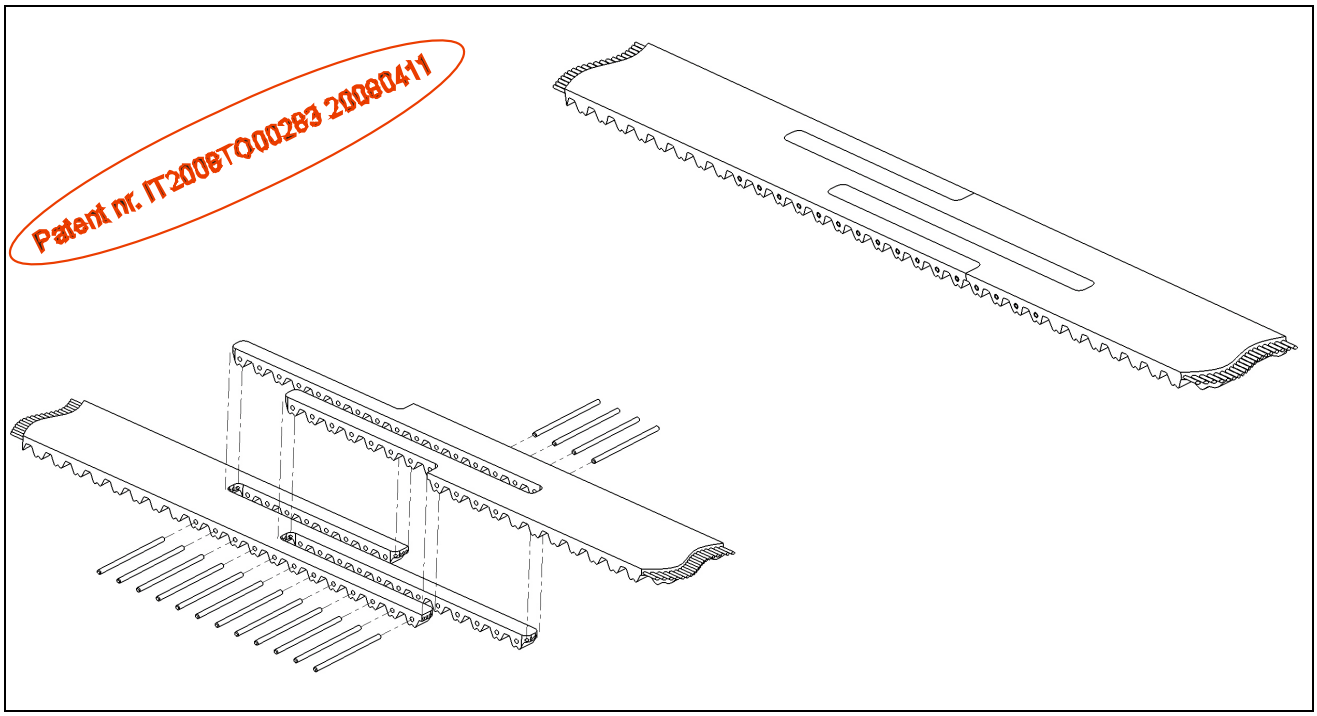
The new choice for jointing belts directly on machines



- PPJ can be done on standard belts
- it can also be applied as standard according to the following tables, referring to covers and/or cords
- all possible combinations are possible
- for different solutions please ask

Standard covers

	NFT	NFB	AVAFC60	AVAFC70	AVAFC85	APL	Fishbone	Ribbed	Supergrip
Raw material	nylon	nylon	PU	PU	PU	PU / PVC	PU	PU	PVC
Belt adhesion	extrusion	extrusion	extrusion	extrusion	extrusion	extrusion	extrusion	extrusion	extrusion
Hardness [ShA]	-	-	60	70	85	55	70	70	55
Colour	green	green	transp.	transp.	transp.	red	transp.	transp.	Green
Thickness [mm]	-	-	2/3/4	2/3/4	2/3/4	3,5	4,3	2,7	4,5
Tol. on thickness	-	-	±0,3	±0,3	±0,3	±0,3	±0,5	±0,5	±0,5
Working T [°C]	-20 / +80	-20 / +80	-20 / +80	-20 / +80	-20 / +80	-20 / +60	-20 / +80	-20 / +80	-20 / +60
FDA approved	no	no	no	no	no	no	no	no	no
Antistatic	Possible	Possible	no	no	no	no	no	no	no
Min. pulley diam.	Std pulley	Std pulley	×40	×40	×40	×30	×30	×35	×30
Possible as standard on	T10, AT10, TG10, ATG10, T20, AT20, MTD8, RPP8	T10, AT10, TG10, ATG10, T20, AT20, MTD8, RPP8	T10, AT10, TG10, ATG10, T20, AT20, MTD8, RPP8	T10, AT10, TG10, ATG10, T20, AT20, MTD8, RPP8	T10, AT10, TG10, ATG10, T20, AT20, MTD8, RPP8	T10, AT10	T10, AT10, MTD8, RPP8	T10, AT10	T10, AT10

Standard cords

	Standard	HF	Stainless steel
Possible as standard on	T10, AT10, TG10, ATG10, T20, AT20, MTD8, RPP8	T10, AT10, T20, AT20	T10, AT10, TG10, ATG10