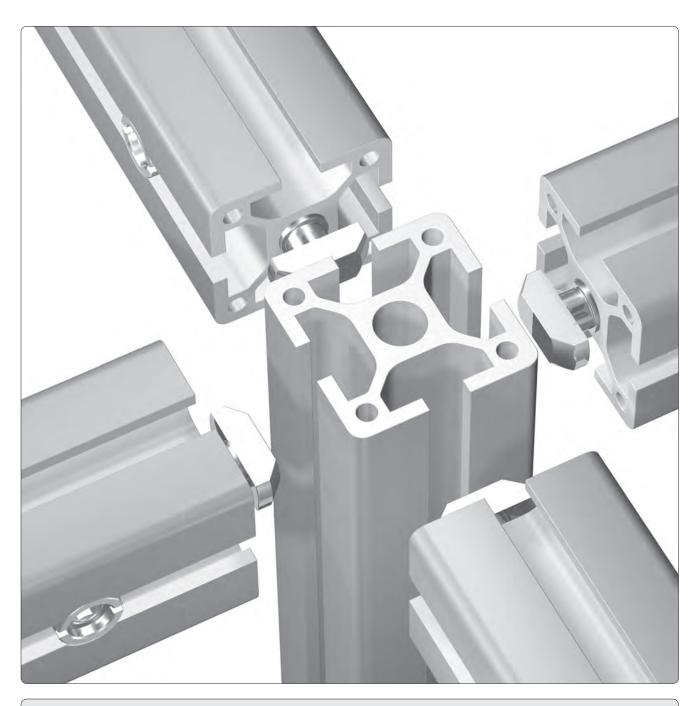


Connection System

2.2



extremely strong

efficient

functional

The proven connection system!

The MayTec quick-connection system allows combination of all MayTec profiles in any way imaginable.

It carries same stability out after all four sides.

The connection allows:

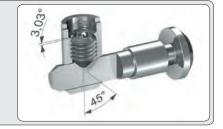
- easy machining
- quick assembly
- innumerable (dis)assemblies

The connection system is:

- complete
- stable
- functional

Vibration proof

The different direction angles of lead of thread and clamping cone prevent the loosening of the connection by vibration.





Connectors: Manufacture a connection

2.2

Manufacture a connection



Connection of two profiles 1.5"×1.5" with one standard connector

1. Connector selection

≈ 2.2, Connector selection

2. Profile machining

≈ 2.1A, Profile machining ₽ 2.99, Tools







Manufacture the cross bushing bore with the aid of a drill jig

3. Pre-assembly of the connector





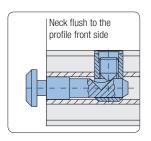


Push in the anchor



Pretension the anchor

▲ Mounting position



Comments

For the optimal assembly of the profiles the connector is to be installed in such a way that the neck is flush to the profile front side

4. Final assembly



Push in sideways



Turn the profile



Push in front sided

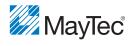


Tighten the setscrew

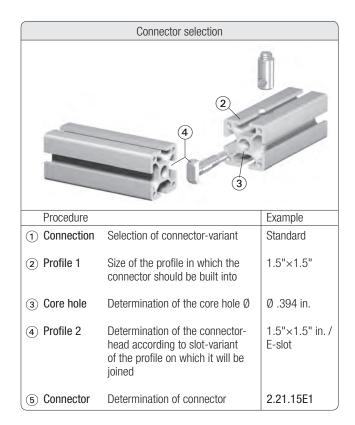
(2)

or

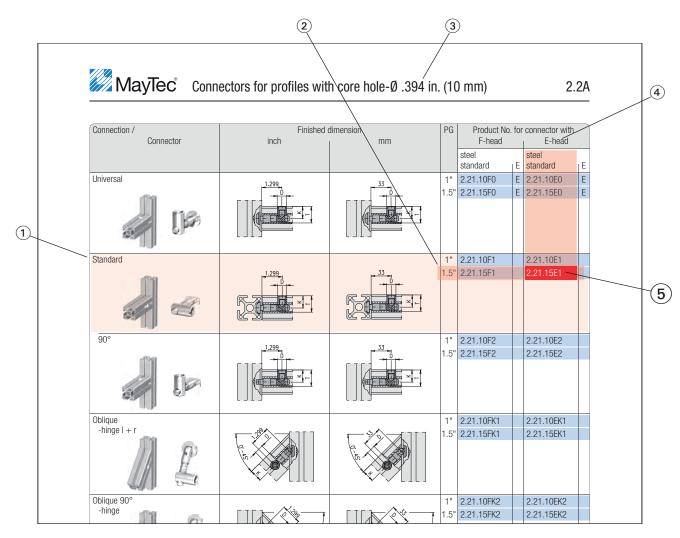
2.2



Connectors



Connector types and materials								
Connector	Article-No.	Technical data						
Standard	2.21.10E0	material: steel strength: ≥ 94,355 lbs./in.²						
Standard, ground	2.21.10E0 E	surface: galvanised						



www.rodavigo.net +34 986 288118



Connectors for profiles with core hole-Ø .394 in. (10 mm)

2.2A

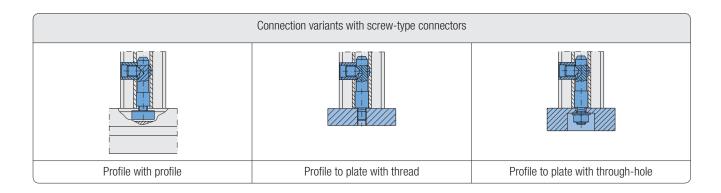
Connection / Connector	Finished o	limension mm		Product No F-head	connector with E-head		
				steel standard	ΙE	steel standard	E
Universal	1 200	7.7	1"	2.21.10F0	Е	2.21.10E0	Е
	1.299	335	1.5"	2.21.15F0	Е	2.21.15E0	Е
Standard			1"	2.21.10F1		2.21.10E1	
	1.299	333	1.5"	2.21.15F1		2.21.15E1	
90°				2.21.10F2		2.21.10E2	
officer	1.299 D	33	1.5"	2.21.15F2		2.21.15E2	
Oblique			1"	2.21.10FK1		2.21.10EK1	
-hinge I + r			1.5"	2.21.15FK1		2.21.15EK1	
Oblique 90°	A1.	A .	1" 1.5"	2.21.10FK2		2.21.10EK2	Head
-hinge				2.21.15FK2		2.21.15EK2	
Parallel				2.21.10F5		2.21.10E5	
-square	- D	ø15	1.5"	2.21.15F5		2.21.15E5	
6.0							



Connectors for profiles with core hole-Ø .394 in. (10 mm)

2.2A

Connection /	Finished of	PG	Product No.		
Connector	inch mm			for connector	
				steel standard	ĮΕ
Miter	.0.2		1"	2.21.10G1	
-hinge I + r		37/	1.5"	2.21.15G1	
	90-180	90-180			
Miter 90°	&A A/2			2.21.10G2	nector
-hinge I + r			1.5"	2.21.15G2	
	90-180	90-180			



Mounting instruction for screw-type connectors

- 1. Screw anchor in until it stops against the shoulder
- 2. Unscrew anchor until it lines-up with the cross bushing position (max. one turn)
- 3. Set up profile with cross bushing

Connection /	Finished of	PG	thread	Product No.		
Connector	inch	mm			for connector	
					steel standard	E
Screw-type	1.299	_ 33 _,	1"	5/16-18	2.21.10SM8.5/1618	
front sided	D D	D D	1.5"	5/16-18	2.21.15SM8.5/1618	



Connector cross bushings: Drill dimensions

2.2B

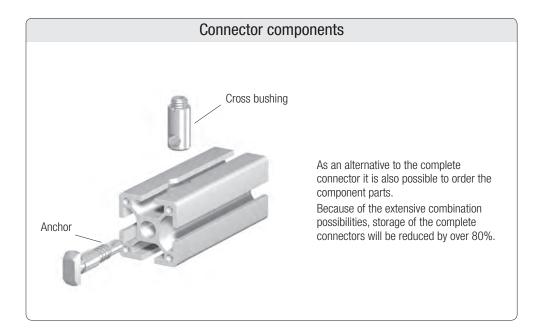
Slot type	Cross t	PG	Core hole	Boring depth, distance length	Product No. Cross bushing		
	inch	mm	K	Т		steel	
F-slot	.295 K	7.5 K	1"	1/2 in. (12.7 mm)	.697 in. (17.7 mm)	2.21.B10	
E-slot	.039x45*	7.5 K	1.5"	3/4 in. (19.05 mm)	.984 in. (25 mm)	2.21.B15	

tools 🖘 2.99



Connector components

2.2C





Connector for core hole Ø.394 in. (10 mm)) Connect	Connectors, complete			Single parts				
			PG 1"	PG 1 " PG 1.5" Ar		Anchor		Pie	есе	
			steel standard	Е	steel standard	Е	steel standard	E	الكت	
- 01		Universal	2.21.10F0		2.21.15F0	E	2.21.A1F0	E	1	1
6			2.21.10E0		2.21.15E0	E	2.21.A1E0	E	1	1
101	20	Standard	2.21.10F1		2.21.15F1		2.21.A1F1		1	1
200			2.21.10E1		2.21.15E1		2.21.A1E1		1	1
-01	Dies	90°	2.21.10F2		2.21.15F2		2.21.A1F2		1	1
-			2.21.10E2		2.21.15E2		2.21.A1E2		1	1
701	(7)	Oblique -hinge I + r	2.21.10FK1		2.21.15FK1		2.21.A1FK1		1	1
	12		2.21.10EK1		2.21.15EK1		2.21.A1EK1		1	1
101	(7)	90° -hinge	2.21.10FK2		2.21.15FK2		2.21.A1FK2		1	1
			2.21.10EK2		2.21.15EK2		2.21.A1EK2		1	1
Mag	2n	Parallel -square	2.21.10F5				2.21.A10F5		1	1
130	64)		2.21.10E5				2.21.A10E5		1	1
					2.21.15F5		2.21.A15F5		1	1
					2.21.15E5		2.21.A15E5		1	1
F		Miter -hinge I + r	2.21.10G1		2.21.15G1		2.21.A1G1		1	2
	F	90° -hinge I + r	2.21.10G2		2.21.15G2		2.21.A1G2		1	2
		Screw-type -front sided	2.21.10SM8.5/1618		2.21.15SM8.5/1618		2.21.A1SM8.5/1618		1	1
		Cross bushing, steel	2.21.B10		2.21.B15		Cross bushing, s	teel		

 $\mathsf{E} = \mathsf{ground}\text{-}\mathsf{connector}$