

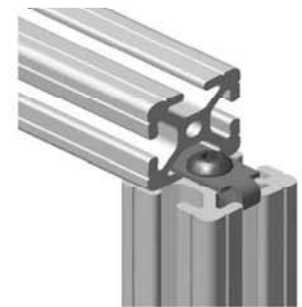
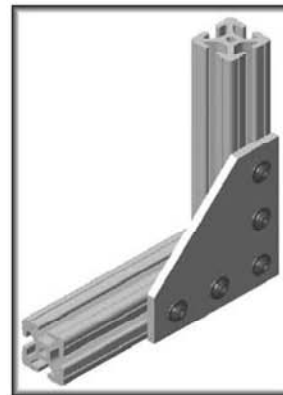
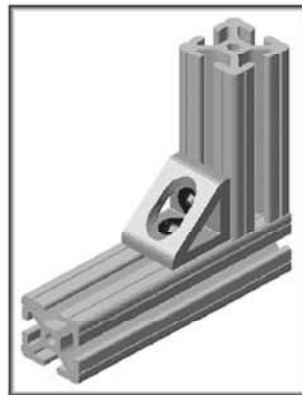
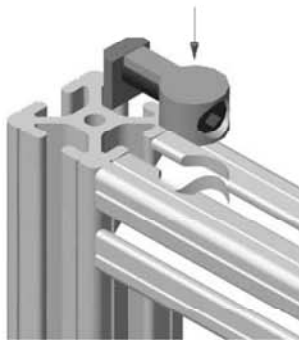
# FAZ-TEKnical Data

## EXPANDED CAPABILITIES

USE FRACTIONAL EXTRUSIONS WITH METRIC HARDWARE!

15 Series Fraction to Metric Crossover Chart

Fractional	Metric	Description
15FAC3880	15MFAC3720	Anchor Fastener
15FAC3888	15MFAC3728	Anchor Fastener w/Drop-In
15FAC3865	15MFAC3710	End Fastener
15FA3501	15MFA3920	Economy T-Nut
15FA3504	15MFA3922	Drop-In T-Nut
15FA3511	15MFA3923	Drop-In T-Nut w/Ball Detent
13FA3331	13MFA3613	Button Head Socket Cap Screw
13FA3327	13MFA3609	Socket Head Cap Screw

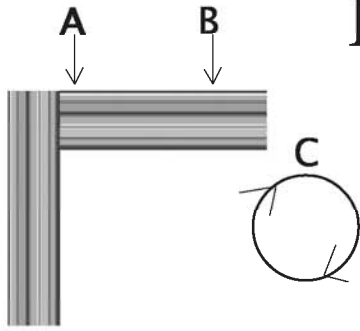


## Fastener Torque Specifications

- The following ratings are measured in ft-lbs.
- These torque specifications need to be met to engage the drop-lock feature.
- Proper torque ensures a vibration proof connection

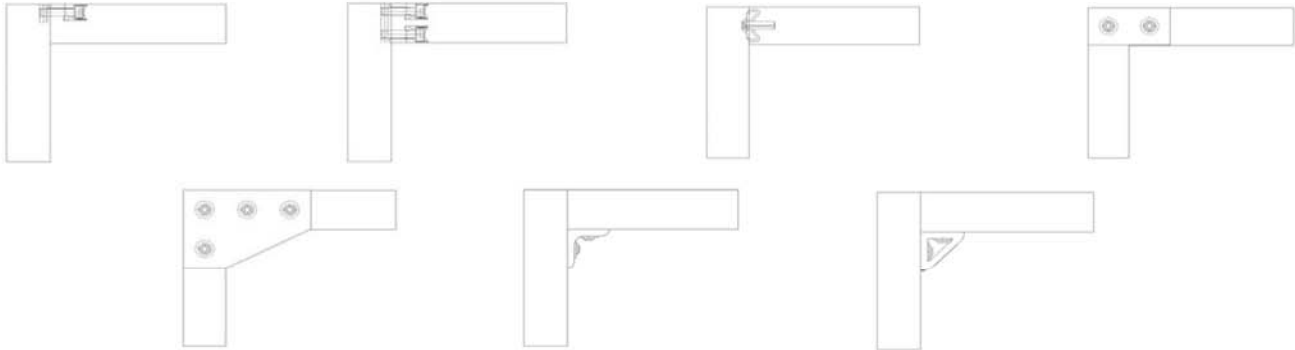
Fastener Description	Tested Extrusion	Torque (min) ft-lbs	Torque (max) ft-lbs
15FAC3890 - "T" Anchor Fastener	15EX1515L	17	22
15FAC3880 - Anchor Fastener	15EX1515L	17	22
10FAC3750 - Anchor Fastener	10EX1010	17	22
15FAC3865 - End Fastener	15EX1515L	17	22
10FAC3755 - End Fastener	10EX1010	17	22
5/16-18 FBHSCS/Economy T-nut	15EX1515L	15	20
1/4-20 FBHSCS/Economy T-nut	10EX1010	13	18
Hi-Torque T-nut	15EX1515L	13	18

# FAZ-TEK<sup>nical</sup> Data



**A=Direct Force**  
**B=Cantilevered Force**  
**C=Tortional Force**

Tech Data



## 10EX1010

Fastener	A (lbs)	B (lbs)	C
1	500	250	180 in/lbs
2	900	250	260 in/lbs
3	450	200	325 in/lbs
4	175	50	400 in/lbs
5	175	50	500 in/lbs
6	325	75	180 in/lbs
7	325	220	260 in/lbs

## 15EX1515L

Fastener	A (lbs)	B (lbs)	C
1	950	625	540 in/lbs
2	1200	700	1150 in/lbs
3	1000	500	680 in/lbs
4	225	200	1000 in/lbs
5	250	200	1120 in/lbs
6	375	225	500 in/lbs
7	375	750	500 in/lbs

## 15EX1515

Fastener	A (lbs)	B (lbs)	C
1	950	1000	700 in/lbs
2	1200	1200	2000 in/lbs
3	1000	820	1150 in/lbs
4	225	200	1100 in/lbs
5	250	200	1260 in/lbs
6	575	225	500 in/lbs
7	575	750	500 in/lbs

Joining plates, corner brackets, and gussets were attached with the recommended hardware and torqued to the proper torque specifications when tested. See page 20 for torque specifications.

## DROP-LOCK FEATURE

A drop-lock feature is a taper from the extrusion face to the T-Slot center.



- All T-Slotted profiles with an "EX" prefix are extruded with a 2° drop-lock.
- All T-Slotted profiles with an "SM" prefix are extruded with a 1° drop-lock.
- All T-Slotted profiles with an "QE" prefix are extruded with a 2.2° drop-lock.

A drop-lock allows the extrusion to be drawn up to the mating mounting surface, which in turn acts as a lock washer. **Properly tighten fasteners to ensure a vibration proof frame!**

**VIBRATION-PROOF**

