



2.11-2.51

Pre-set Nut

Square Nut

T Nut

Subsequent Nut

Anti-torsion Subsequent Nut

T Bolt

Hole Reducer Bolt

2

Fastening Elements



P. 2-02



P. 2-03



P. 2-04



P. 2-05



P. 2-06



P. 2-07



P. 2-08

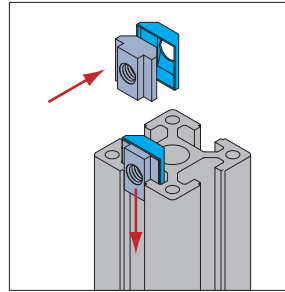


Fastening Elements

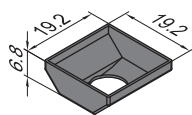
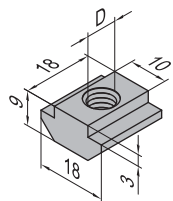
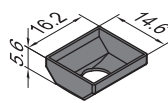
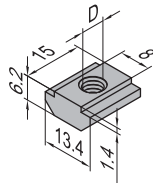
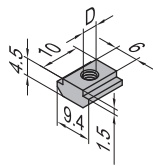
Pre-set Nut

Pre-set Nut can be only put into T slot from profile end, with low assembly efficiency, but with good connection and stability. The sleeve is to avoid any sliding when using the pre-set nut for assembly and can be fixed at any required position, especially in vertical position.

Material: Pre-set Nut-nickel plated steel Pre-set Nut Sleeve-EVA



Reliability	★★★★★
Efficiency	★★★
Cost	★★★



Description	D	Mass (g/pcs)	Part No.
Pre-set Nut-6-M4	M4	3	2.11.06.M4
Pre-set Nut-6-M5	M5		2.11.06.M5

Description	D	Mass (g/pcs)	Part No.
Pre-set Nut-8-M4	M4	8	2.11.08.M4
Pre-set Nut-8-M5	M5	8	2.11.08.M5
Pre-set Nut-8-M6	M6	7	2.11.08.M6
Pre-set Nut Sleeve-8		0.3	2.11.08.01

Description	D	Mass (g/pcs)	Part No.
Pre-set Nut-10-M4	M4	16	2.11.10.M4
Pre-set Nut-10-M5	M5	16	2.11.10.M5
Pre-set Nut-10-M6	M6	15	2.11.10.M6
Pre-set Nut-10-M8	M8	14	2.11.10.M8
Pre-set Nut Sleeve-10		0.4	2.11.10.01

Modular Assembly System

MAS

Machine Guard System

MGS

Stair and Platform System

SPS

Tubular Framing System

TFS

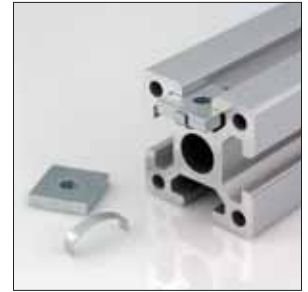
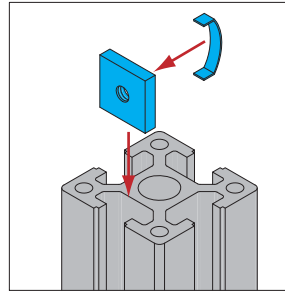


Fastening Elements

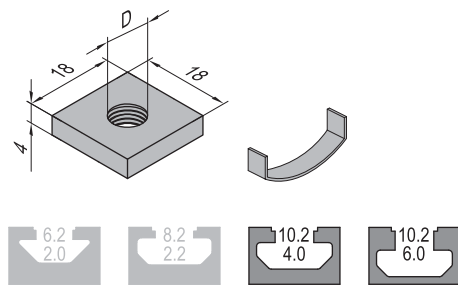
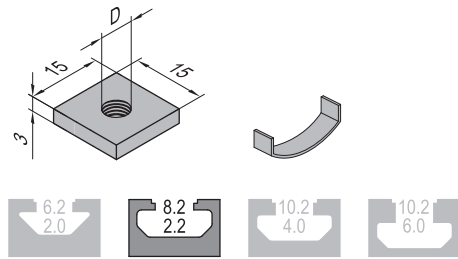
Square Nut

The clip is to avoid any sliding when using the square nut for assembly and can be fixed at any required position, especially at vertical position.

Material: zinc plated steel



Reliability	★ ★ ★
Efficiency	★ ★ ★
Cost	★ ★ ★ ★ ★



Description	D	Mass (g/pcs)	Part No.
Square Nut-8-M4	M4	5	2.12.08.M4
Square Nut-8-M5	M5		2.12.08.M5
Square Nut-8-M6	M6		2.12.08.M6
Square Nut Clip-8		0.4	2.12.08.01

Description	D	Mass (g/pcs)	Part No.
Square Nut-10-M4	M4	10	2.12.10.M4
Square Nut-10-M5	M5	10	2.12.10.M5
Square Nut-10-M6	M6	9	2.12.10.M6
Square Nut-10-M8	M8	8	2.12.10.M8
Square Nut Clip-10		0.5	2.12.10.01

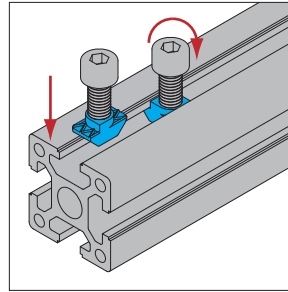


Fastening Elements

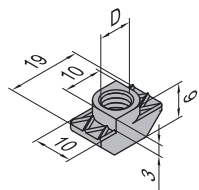
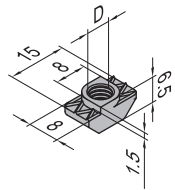
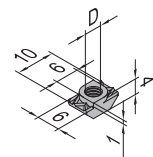
T Nut

T Nut can be inserted directly at the assembly point, which makes the assembly very efficient, however the connection strength and stability is not as good as pre-set nut.

Material: nickel plated steel



Reliability	★★★★
Efficiency	★★★★★
Cost	★★★★



Description	D	Mass (g/pcs)	Part No.
T Nut-6-M4	M4	2	2.21.06.M4
T Nut-6-M5	M5		2.21.06.M5

Description	D	Mass (g/pcs)	Part No.
T Nut-8-M4	M4	4	2.21.08.M4
T Nut-8-M5	M5	4	2.21.08.M5
T Nut-8-M6	M6	3	2.21.08.M6

Description	D	Mass (g/pcs)	Part No.
T Nut-10-M4	M4	8	2.21.10.M4
T Nut-10-M5	M5	8	2.21.10.M5
T Nut-10-M6	M6	7	2.21.10.M6
T Nut-10-M8	M8	6	2.21.10.M8

Modular Assembly System

MAS

Machine Guard System

MGS

Stair and Platform System

SPS

Tubular Framing System

TFS



Fastening Elements

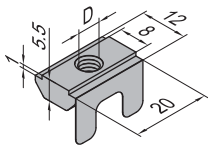
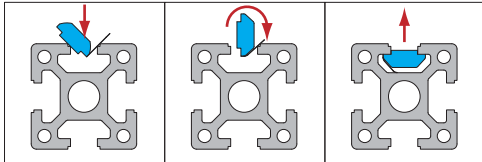
Subsequent Nut

Subsequent Nut with a spring leaf can be inserted directly at the assembly point. The spring assists with assembly and positioning. The connecting strength and stability is same as t nut.

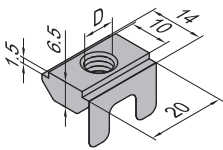
Material: zinc plated steel



Reliability	★★★★
Efficiency	★★★★
Cost	★★★



Description	D	Mass (g/pcs)	Part No.
Subsequent Nut -8-M4	M4	8	2.31.08.M4
Subsequent Nut -8-M5	M5		2.31.08.M5
Subsequent Nut -8-M6	M6	7	2.31.08.M6
Subsequent Nut -8-M8	M8		2.31.08.M8



Description	D	Mass (g/pcs)	Part No.
Subsequent Nut -10-M4	M4	10	2.31.10.M4
Subsequent Nut -10-M5	M5		2.31.10.M5
Subsequent Nut -10-M6	M6	9	2.31.10.M6
Subsequent Nut -10-M8	M8		2.31.10.M8

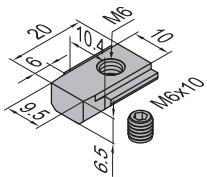
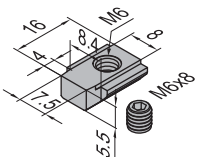
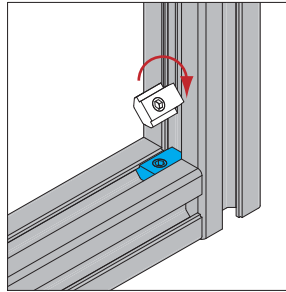


Fastening Elements

Anti-torsion Subsequent Nut

Prevent profiles with screw connectors from torsion.

Material: nickel plated steel



Description	Mass (g/pcs)	Part No.
Anti-torsion Subsequent Nut-8 (with top thread)	10	2.32.08.M6

Description	Mass (g/pcs)	Part No.
Anti-torsion Subsequent Nut-10 (with top thread)	15	2.32.10.M6

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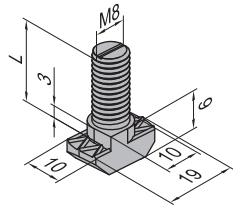
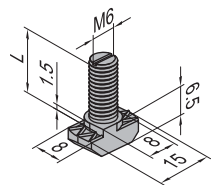
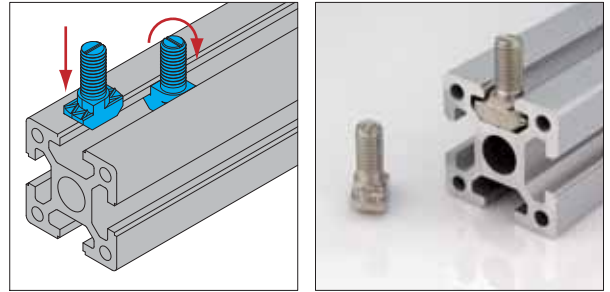


Fastening Elements

T Bolt

Similar to T nut, T bolt can be inserted directly at assembly point, with high assembly efficiency. The connection strength and stability are same as T nut.

Material: nickel plated steel



Description	L (mm)	Mass (g/pcs)	Part No.
T Bolt-8-16	16	7	2.41.08.16
T Bolt-8-20	20	8	2.41.08.20
T Bolt-8-25	25	9	2.41.08.25

Description	L (mm)	Mass (g/pcs)	Part No.
T Bolt-10-20	20	13	2.41.10.20
T Bolt-10-25	25	15	2.41.10.25
T Bolt-10-30	30	17	2.41.10.30

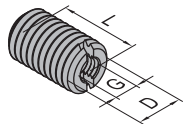
Fastening Elements

Hole Reducer Bolt



To reduce the hole diameter of the profile and improve the thread connection strength.

Material: nickel plated steel



Description	D	G	L (mm)	Mass (g/pcs)	Part No.
Hole Reducer Bolt-M10/M6	M10	M6	15	8	2.51.10.06
Hole Reducer Bolt-M12/M6	M12	M6	20	11	2.51.12.06
Hole Reducer Bolt-M14/M8	M14	M8	20	14	2.51.14.08
Hole Reducer Bolt-M14/M10	M14	M10	20	8	2.51.14.10
Hole Reducer Bolt-M16/M8	M16	M8	20	19	2.51.16.08



Hole Reducer Bolt M10/M6
PG45 with square corner hole-8x8(M10)



Hole Reducer Bolt M12/M6
PG30 with core hole-Φ10(M12)



Hole Reducer Bolt M14/M8
PG40/PG45/PG50/PG60 with core hole-Φ12(M14)



Hole Reducer Bolt M16/M8
PG60 with square corner hole-14x14(M16)

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