

Automatic Connectors

Steel, for Aluminum Profiles (i-Modular System),
Right-Angled or End Face Connection

SPECIFICATION

Profile type

- Type **S**: Heavy

Coding

- **R**: Right-angled connection
- **S**: End face connection

Steel, zinc plated, blue passivated **SZ**



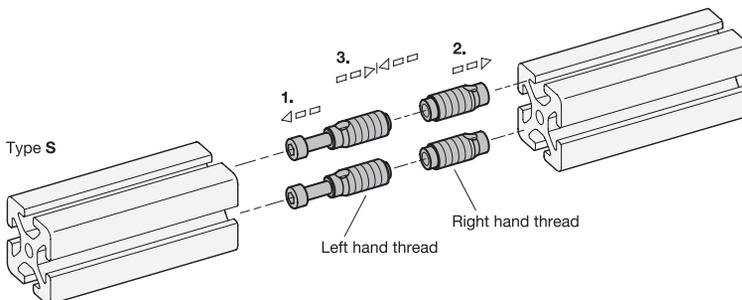
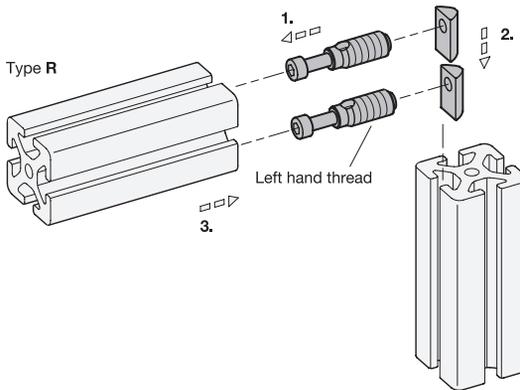
INFORMATION

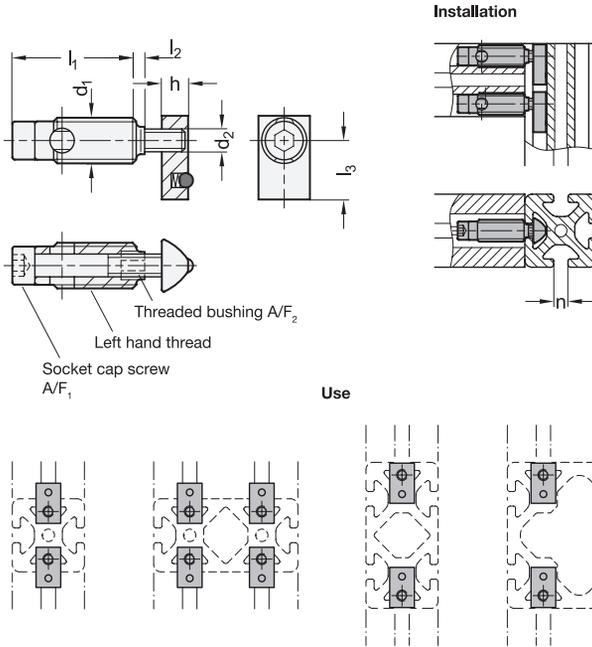
Automatic connectors GN 23i (Coding R) fasten aluminum profiles together at right angles. The connection can be freely positioned and slid along the slot. Automatic connectors GN 23i (Coding S) fasten aluminum profiles together on the end faces to extend them while securing them against twisting. Machining of the profile is not necessary.

For assembly, first insert the socket cap screw along the slot and then screw in the lightly lubricated threaded bushings. Minor burr formation is possible. Automatic connectors are used in pairs opposite each other. If panels are used in the slot, they must be suitably pocketed.

Automatic connectors are supplied in bundles. The table shows the quantity included in each bundle.

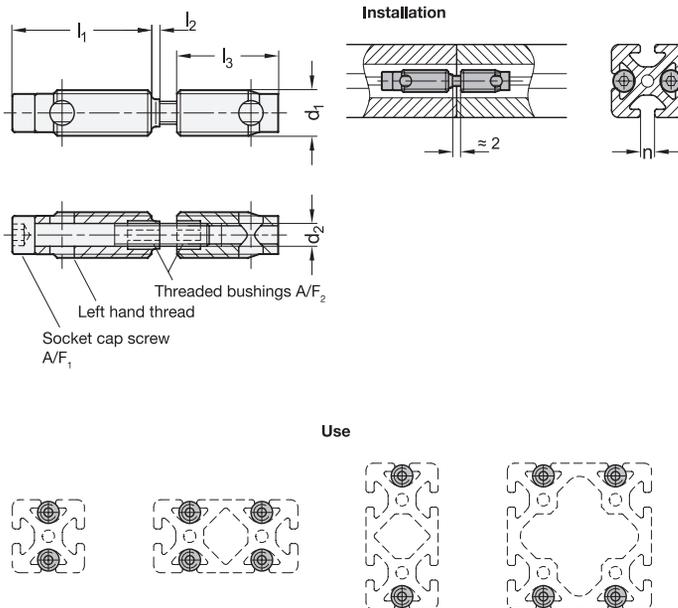
Assembly Instructions





GN 23i-R

| Description | n | Bundle Pieces | d1 Self-forming thread | d2 | h | l1 | l2 | l3 | A/F1 | A/F2 | Tightening torque in Nm | ⚖ |
|------------------|---|---------------|---------------------------|-----|---|------|-----|----|------|------|-------------------------|-----|
| GN 23i-6S-R-SZ-4 | 6 | 4 | S 10 | M 5 | 6 | 32 | - | 12 | 4 | 5 | 8 | 72 |
| GN 23i-8S-R-SZ-4 | 8 | 4 | S 12 | M 6 | 7 | 34.5 | 2.5 | 16 | 5 | 6 | 14 | 140 |



GN 23i-S

| Description | n | Bundle Pieces | d1 Self-forming thread | d2 | l1 | l2 | l3 | A/F1 | A/F2 | Tightening torque in Nm | ⚖ |
|------------------|---|---------------|---------------------------|-----|------|-----|------|------|------|-------------------------|-----|
| GN 23i-6S-S-SZ-4 | 6 | 4 | S 10 | M 5 | 32 | - | 27 | 4 | 5 | 8 | 92 |
| GN 23i-8S-S-SZ-4 | 8 | 4 | S 12 | M 6 | 34.5 | 2.5 | 30.8 | 5 | 6 | 14 | 172 |

