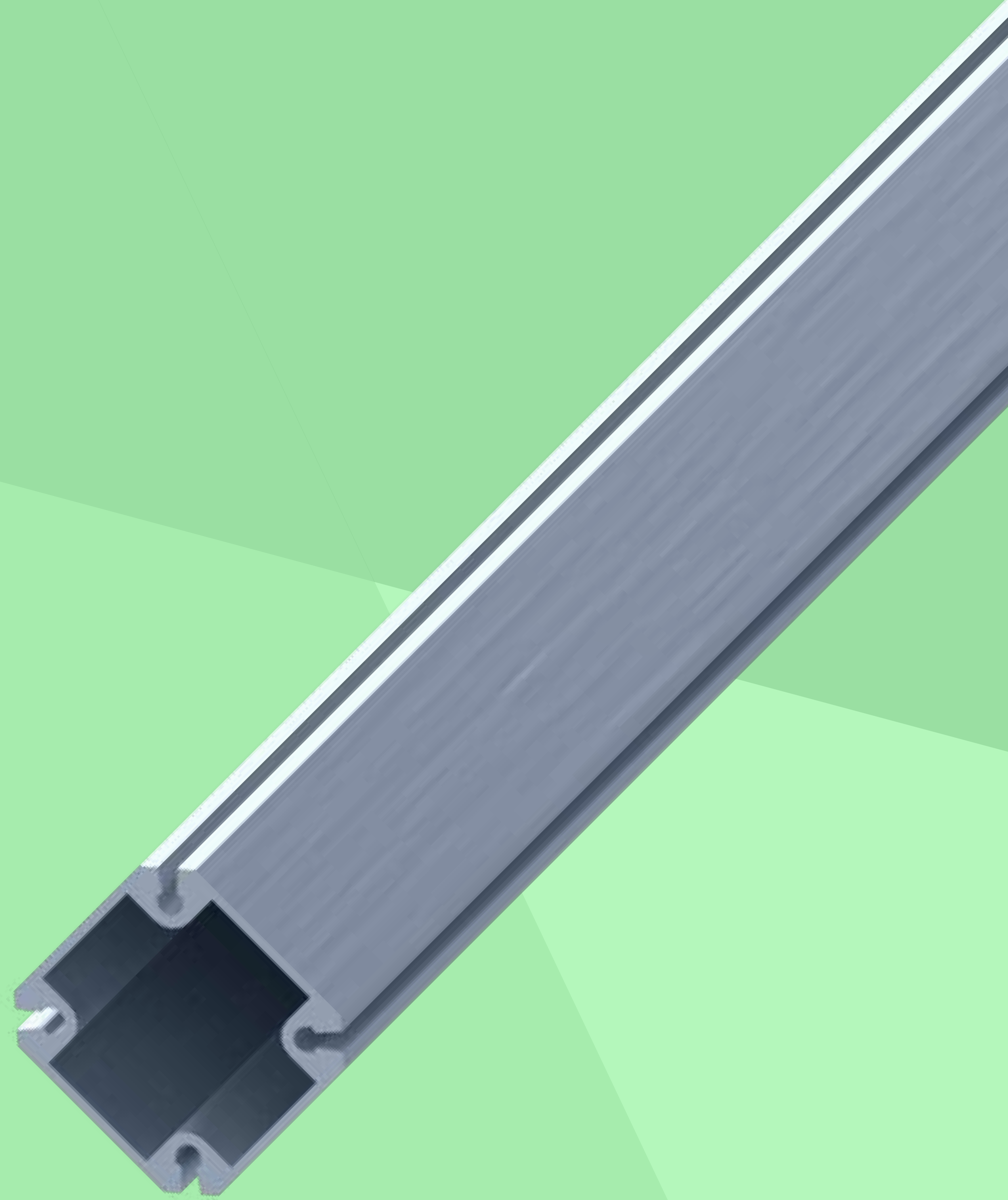


envelope & rainscreen
fixing SuperSystem

Systems for any:

- cladding material
(incl. BiPV),
- panel fixing method,
- any size
(incl. large size sheet)
- façade pattern and
feature.



Create sustainability+ and success.





Architects

- unleash creativity
- design sustainably
- minimize constraints
- regain & retain control



Façade Engineers

- optimize processes
- design with confidence
- unleash productivity
- minimize carbon footprint



General Contractors

- simplify management
- optimize coordination
- improve QC
- control schedule



Envelope Installers

- improve productivity
- increase profitability
- enjoy facility
- enhance proposition



Materials Manufacturer

- enjoy technical support
- improve coordination with planners
- expand business horizon
- add value to proposal



Commercial Partner

- increase profitability
- increase your sales
- facilitate support for your customers



Unique Concept

Mullion - multi-functional & resilient

Components - integral & interlocking

One SuperSystem - for any cladding



Basic Advantages

Provides high structural resilience

Lego-like simple connections

Simplifies envelope creation process



Benefits in Numbers

20-30%

Savings on envelope materials

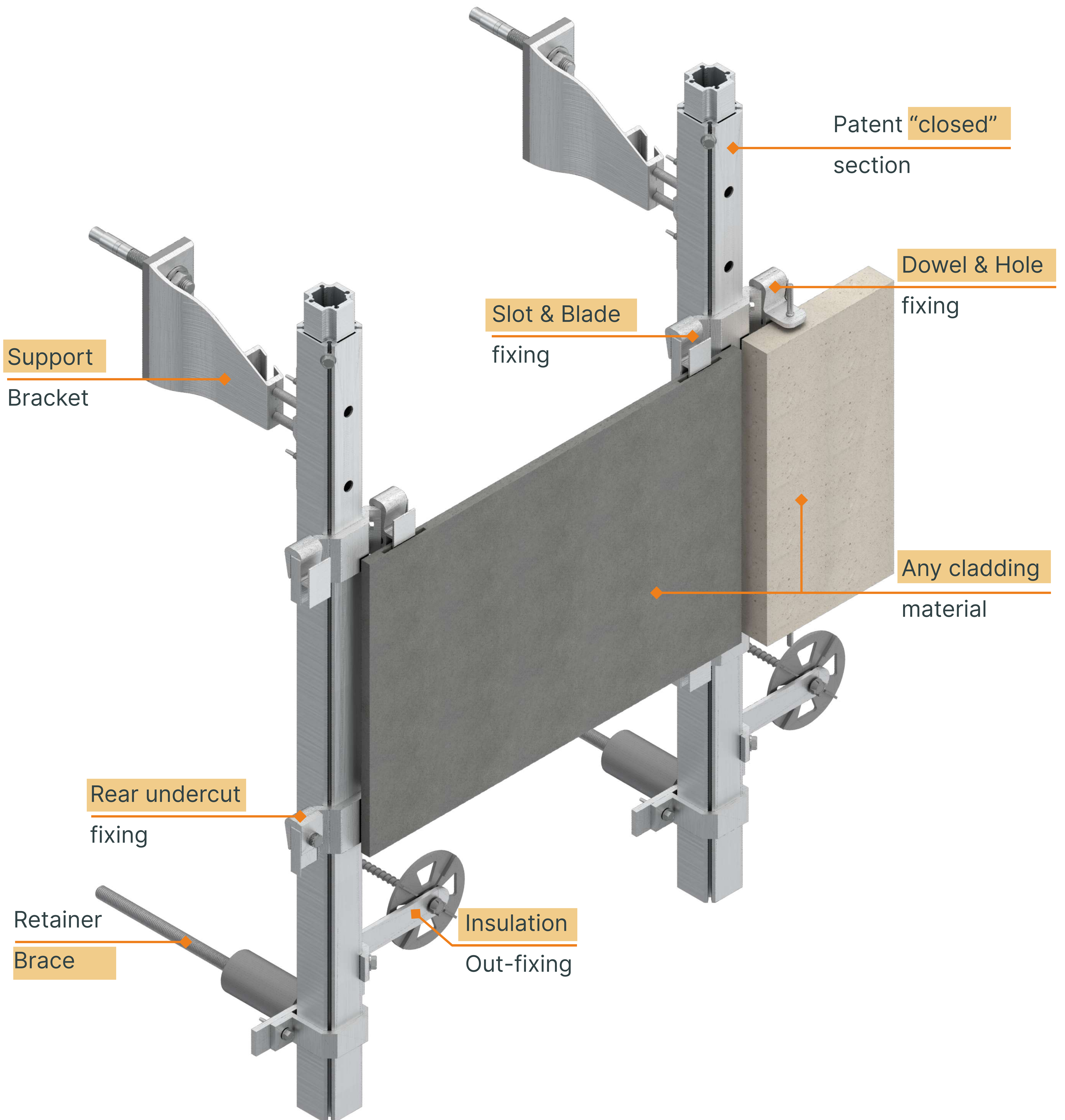
50-60%

Savings on installation time

30-40%

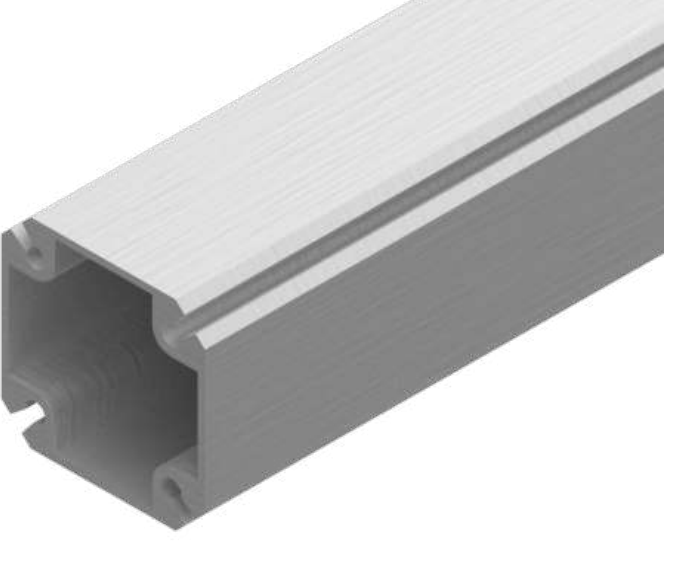
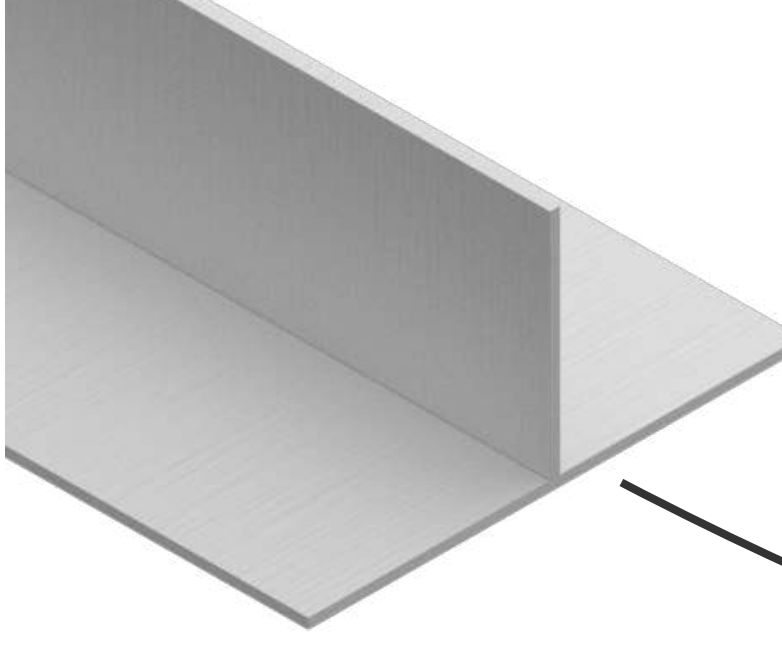
Savings on management time

BILDA® basic assembly outline



- Single layered substructure for all kinds of fixing method including rear undercut.
- Horizontal assembly of mullions for "portrait" oriented cladding panels

Structural Concept Comparison

	profile type	
closed section mullion		open section simple profile
1100 g/m	profile weight	1200 g/m
4.69 cm ³	section modulus (resilience indicator)	2.60 cm ³
1 bracket 1 brace	attachments per floor height	4-5 brackets

BILDA - creates lighter yet stronger assemblies:

- saves substructure and envelope material
- saves installation and production time

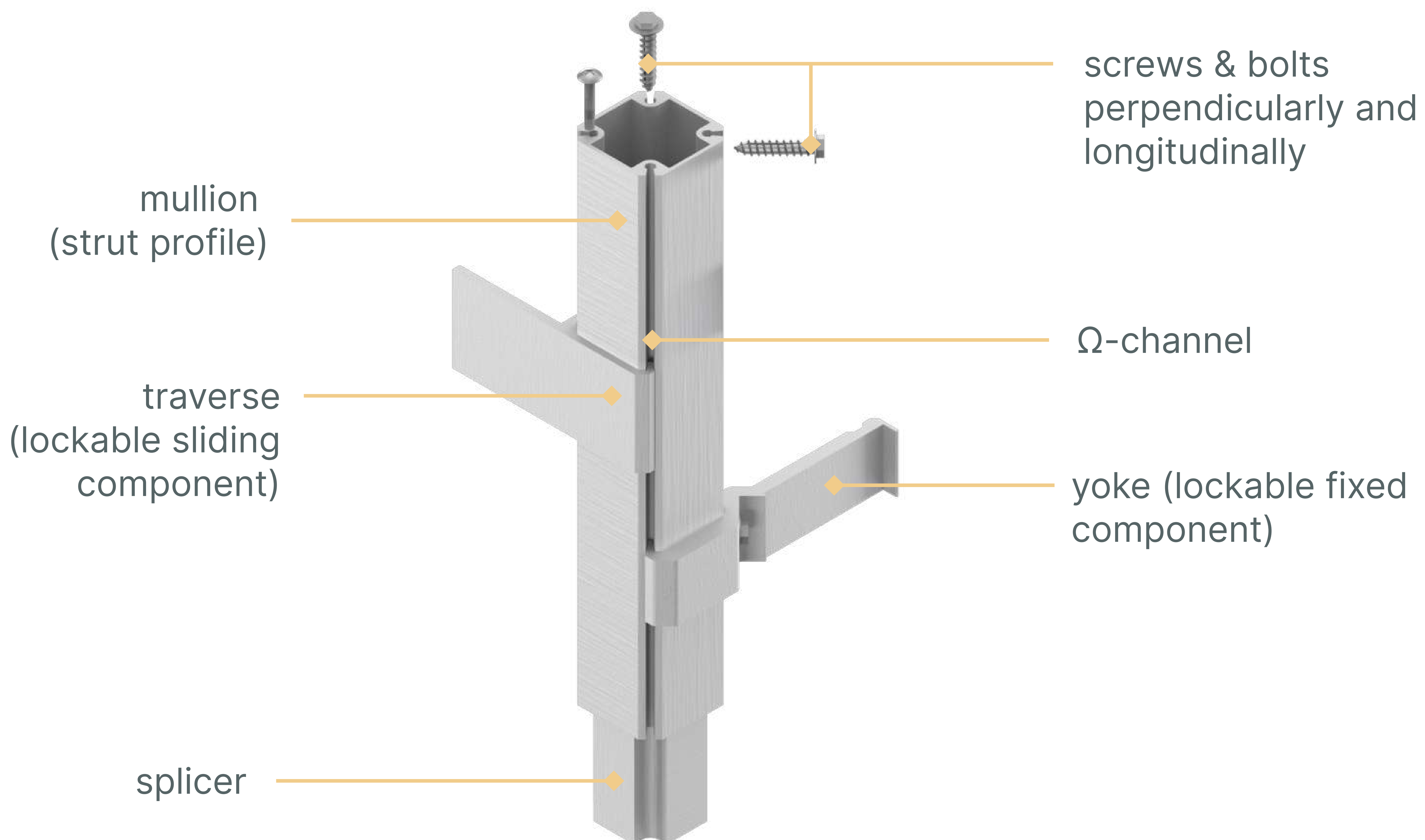
Thermal Performance Comparison

SS & Al	bracket material (SS less conductive)	Al
Advanced	bracket thermal performance	Basic
0.25	brackets per square meter	1.20
0.014 W/m ² K	overall envelope heat loss (ΔU)	0.030 W/m ² K

BILDA - unmatched thermal performance:

- minimizes thermal bridging of envelopes
- achieves lowest operational carbon

BILDA® mullion multi-functional & resilient



Composes light and resilient substructure grids and allows:

- horizontal positioning for “portrait” oriented cladding panels
- quick locking attachment of components - dual penetration and fixing
- pre-assembly of frames and units by means of simple screwing and without welding

BILDA® components - integral & interlocking

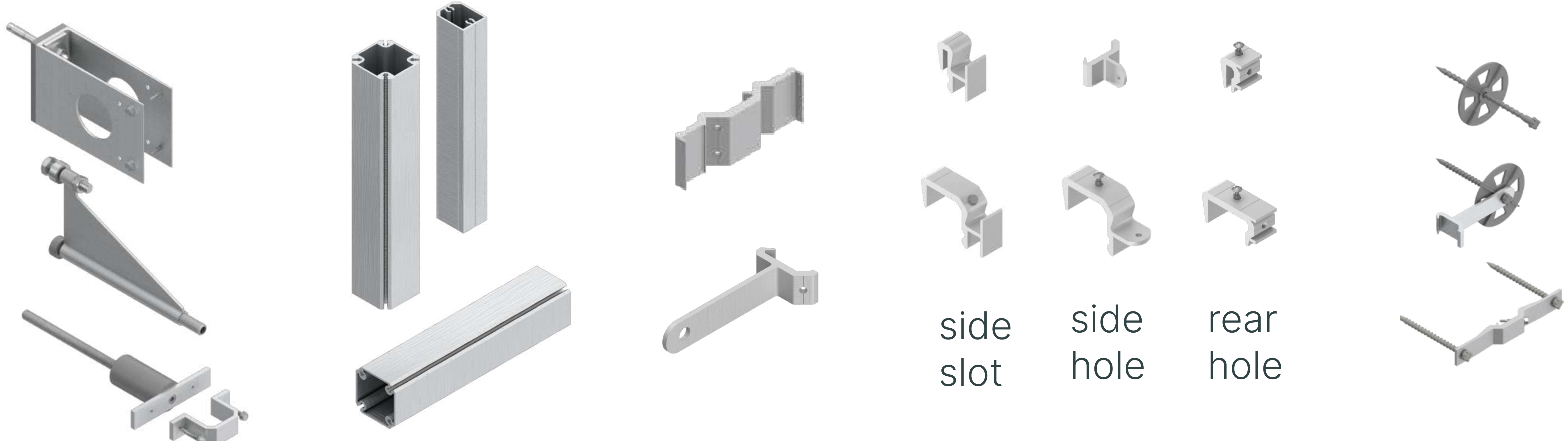
wall brackets

mullions (strut profiles)

yokes

clips

insulation & firestop fixers



- Simple and interactive inventory for the whole rainscreen envelope (cladding & insulation);
- Interchangeable, inter-lockable, multifunctional components;
- Facilitating accessories.

BILDA® one SuperSystem for any cladding



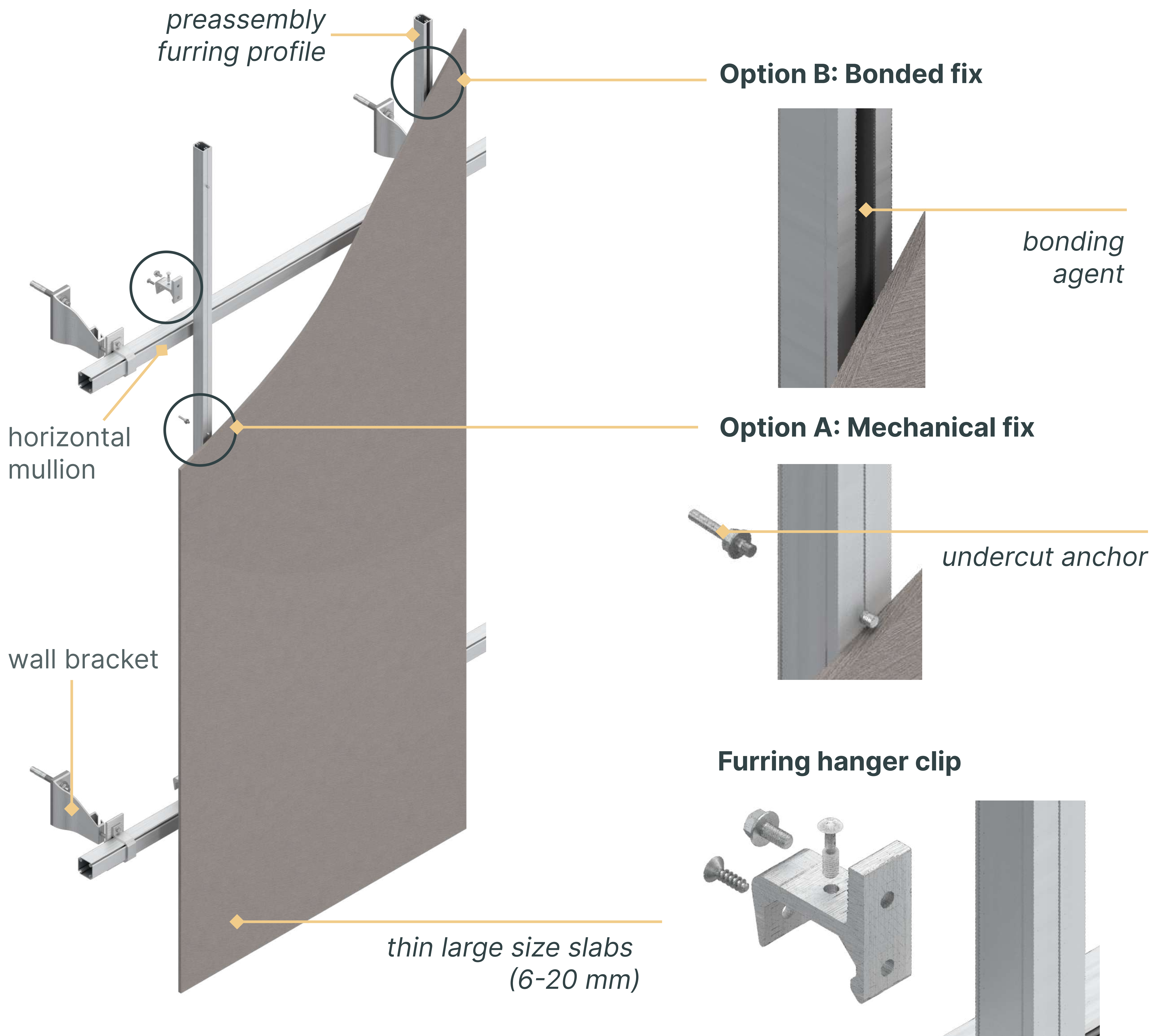
side slot (recommended)



side hole



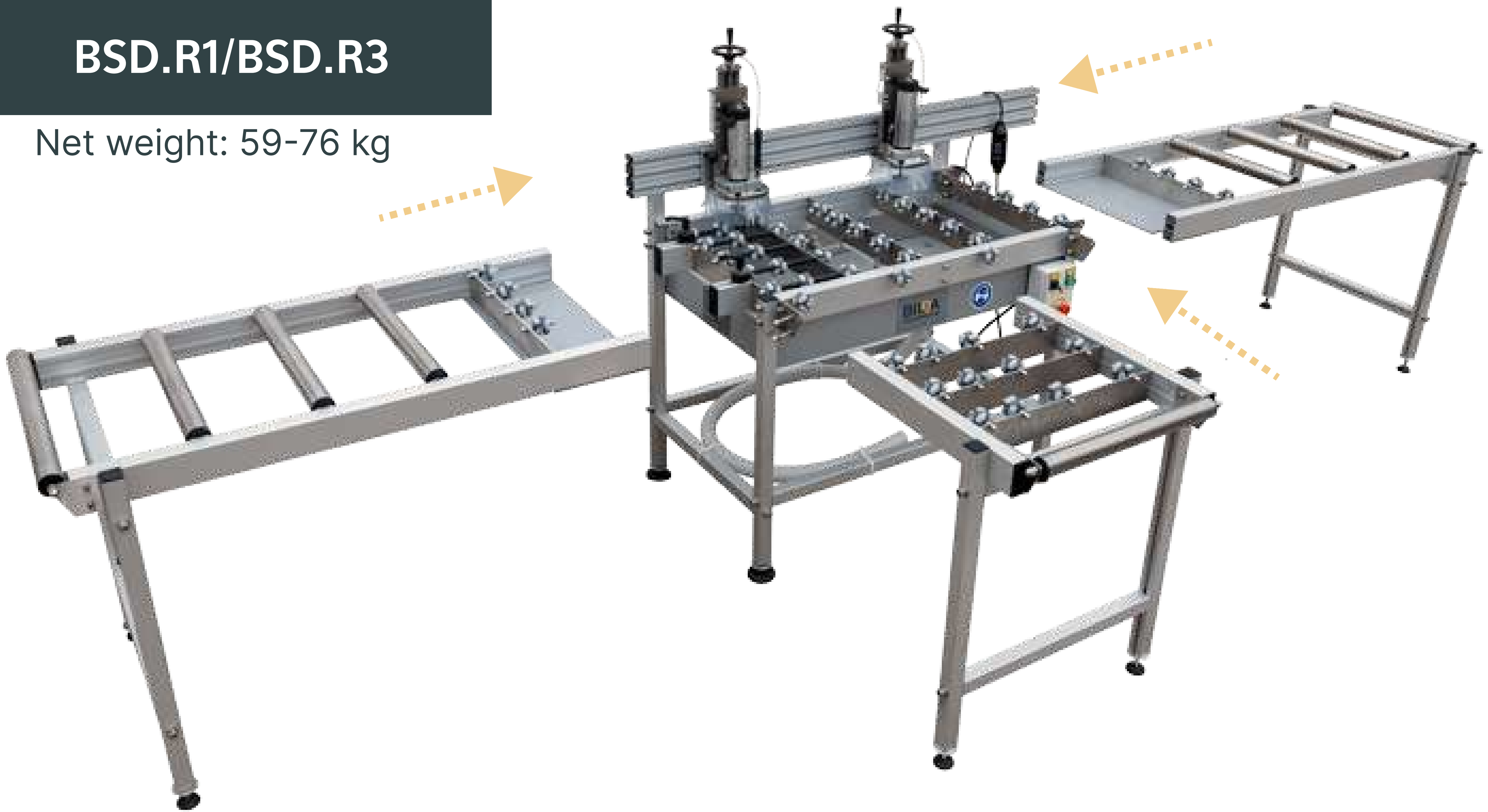
rear undercut



- Variety of clips for all panel fixing methods (slot, side and rear undercut);
- Furring for large size thin panels - mechanical & bonded

BSD.R1/BSD.R3

Net weight: 59-76 kg



Slotting & Milling Rig - easy & inexpensive machine for all panel “sockets”

- produces all type of “sockets” for cladding panels (precision side slot, side hole and rear hole)
- BILDA slotting & milling rig is converted into stationary side and rear drilling rig by just reassembling the spindle-and trolley mobile components
- diamond milling wheels for **BILDA precision slot** (2.5 and 3.6 mm thick, diameter 52 and 58 mm), bespoke sizes available on demand
- drilling bits and extractor for holes of 6,8,10 and 12 mm diameter
- multidirectional rolling wheel allow easy handling
- highly efficient, fast and multifunctional
- portable to the construction site for bigger projects

Handheld tool - light, compact and portable

- produces all type of “sockets”
- stable and easy to operate

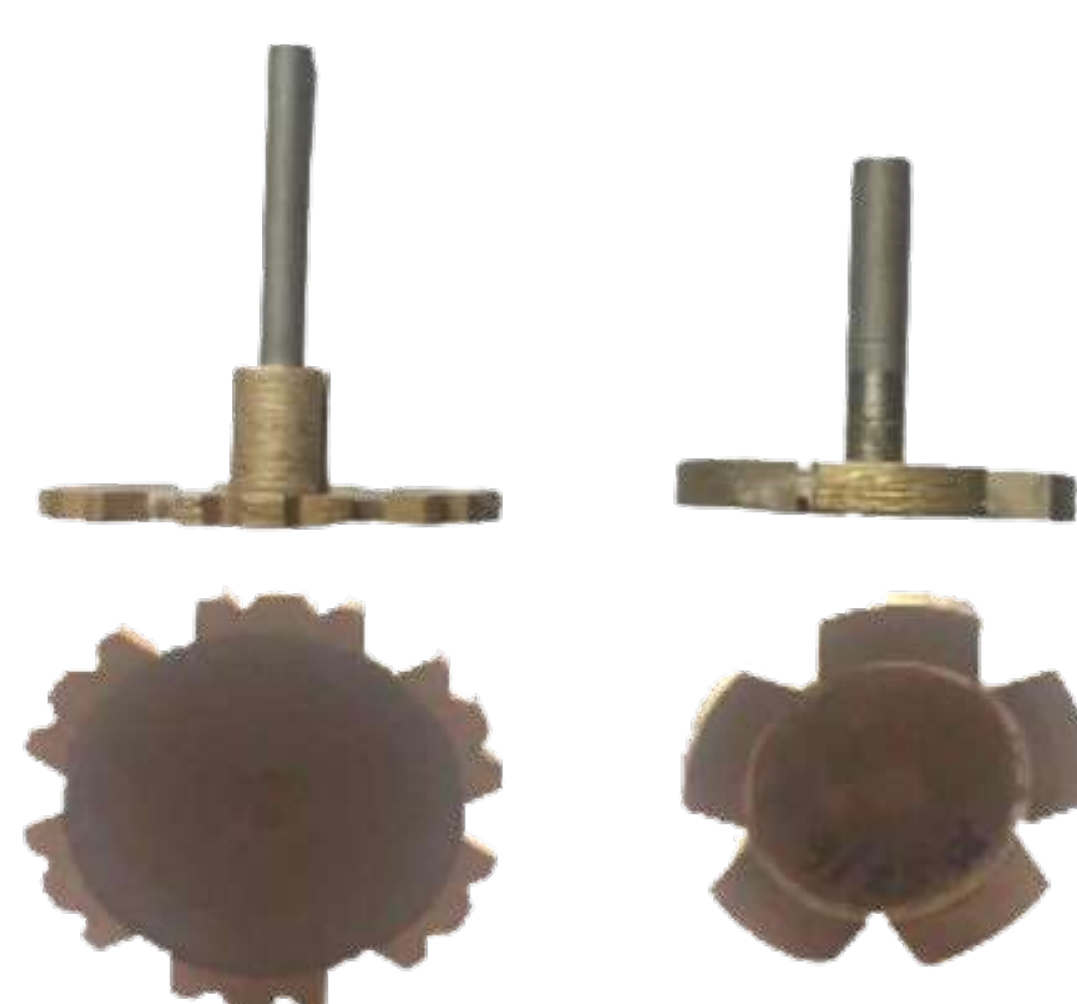


BSD.H/BSH.HS

Net weight: 4.7 kg



Drilling bits and extractor



Diamond milling wheels

BILDA® projects in over 20 countries



De Zalmhaven Toren,
Netherlands



Onyx,
Germany



The Foundation
Parnell, New Zealand



SAAF Kuwait
University, Kuwait

Services & Support

Façade consulting | Planning & shop drawings | Structural calculation | Design/Installation training | Custom project package | Free technical support



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Send us your project for a technical solution and quote!