



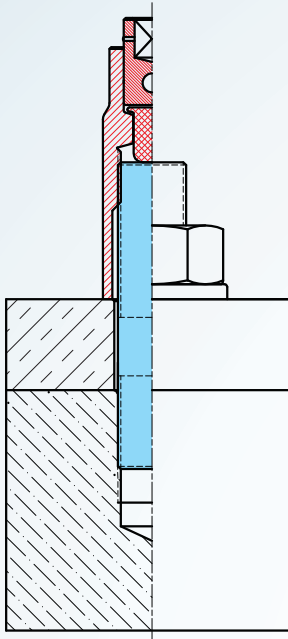
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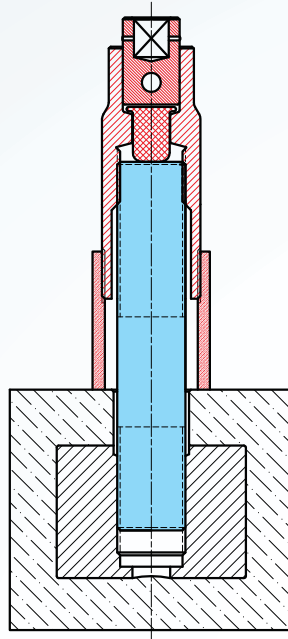
*patent
pending*

**Studs Assembling,
Positioning &
Extracting systems**

Studs positioner for pull tightening

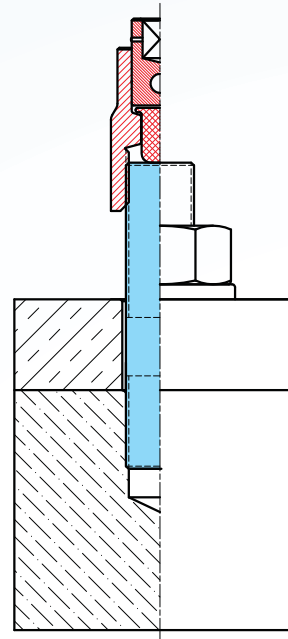


Pre-assembly
positioning flange type



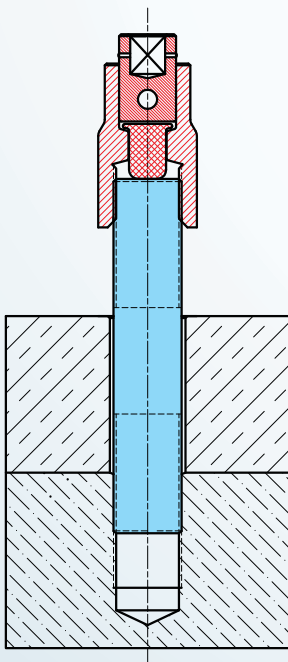
Pre-assembly
positioning
on blade T-bolt type

Studs assembler for torque tightening

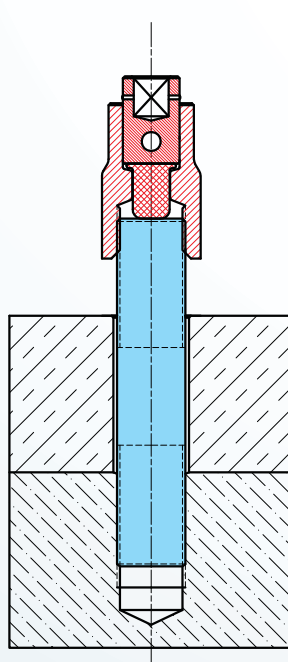


Torque assembly
flange type

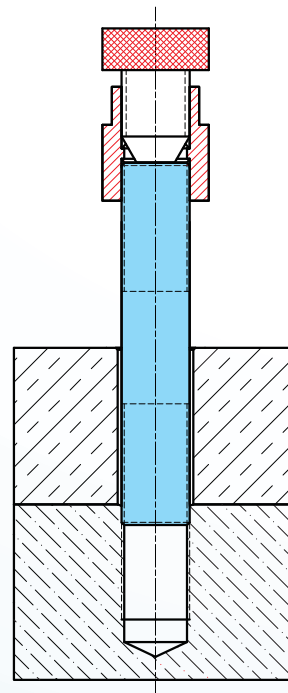
Dissassembler and extractor for pull tightened studs



Stage 1:
Dissassembler
initial position



Stage 2:
Dissassembler
releasing stud



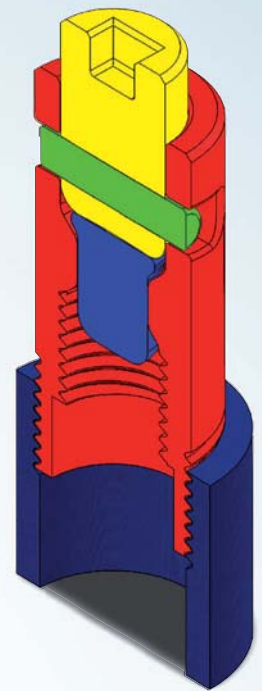
Stage 3:
Extractor
driving out stud

Studs positioner for pull tightening

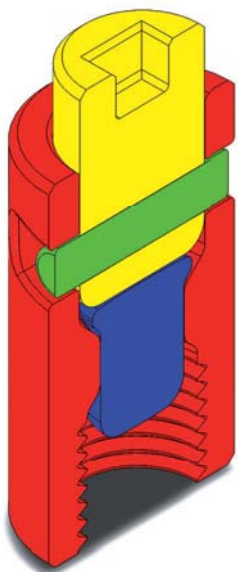
The stud's positioner system, pre-assembles the studs at the right position for being pulled afterwards with pull tightening equipment. The assemblers can be designed specifically for each particular fitting or can be integrated with regulators to match different size assemblies.



Pre-assembly positioning flange type



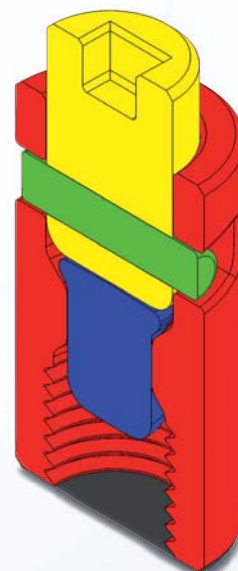
Pre-assembly positioning on blade T-bolt type



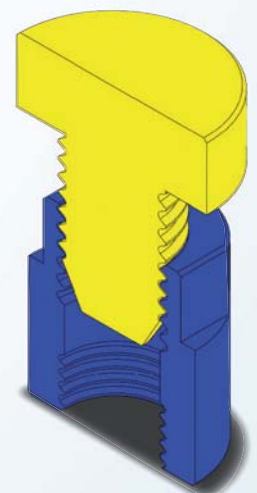
Torque assembly flange type

Studs assembler for torque tightening

The stud's assembler works as a conventional tightening key which is designed for fast accessing and torque tightening threaded end studs. Our diverse material based systems adequate perfectly to the use on different application scenarios.



Disassembler for stud releasing



Extractor for stud drive out

Dissassembler and extractor for pull tightened studs

The Heavy Series Assembler System serves as disassembler to release the clamped studs due to assembly plastifications, moistures, rust remaining's, etc... and then drive out the stud with the extractor tool.

Systems material series

Light Series - Made in Composite for in house assembling.

Medium Series - Made in Duralumin for field assembling.

Heavy Series - Made in Tool Steel for torque tightening assembling.



global fastening solutions

**STUDS ASSEMBLING, POSITIONING
& EXTRACTING SYSTEMS**



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