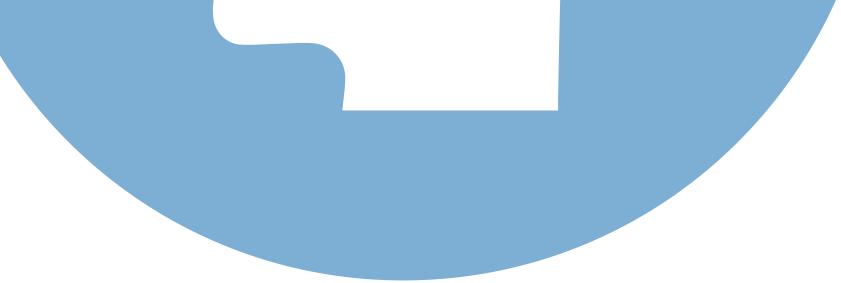


IMPROVED DUAL CAVITY TRANSFER ARM

FOR MACHINES BRANDED SIDEL S1*



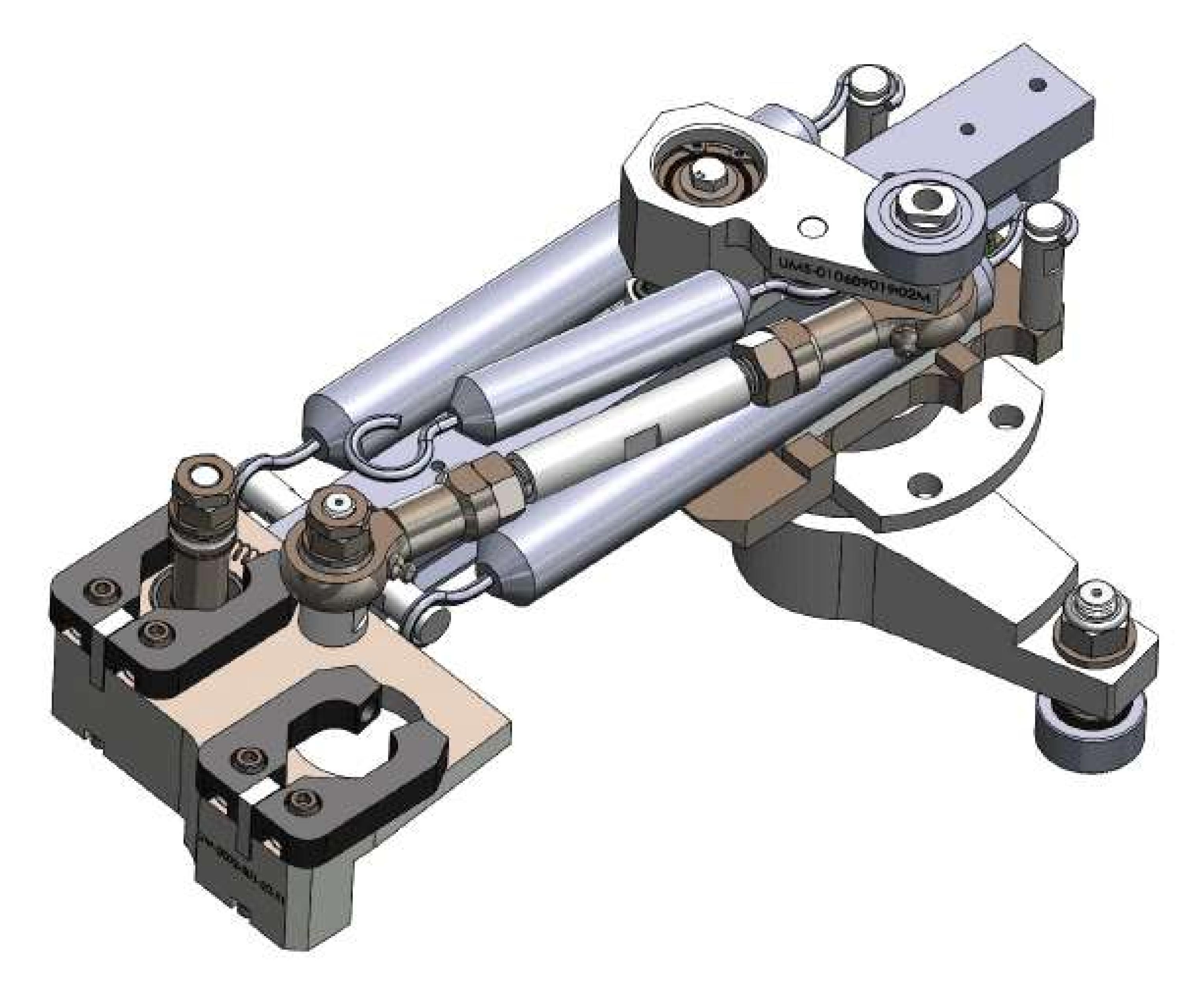


Our partners :



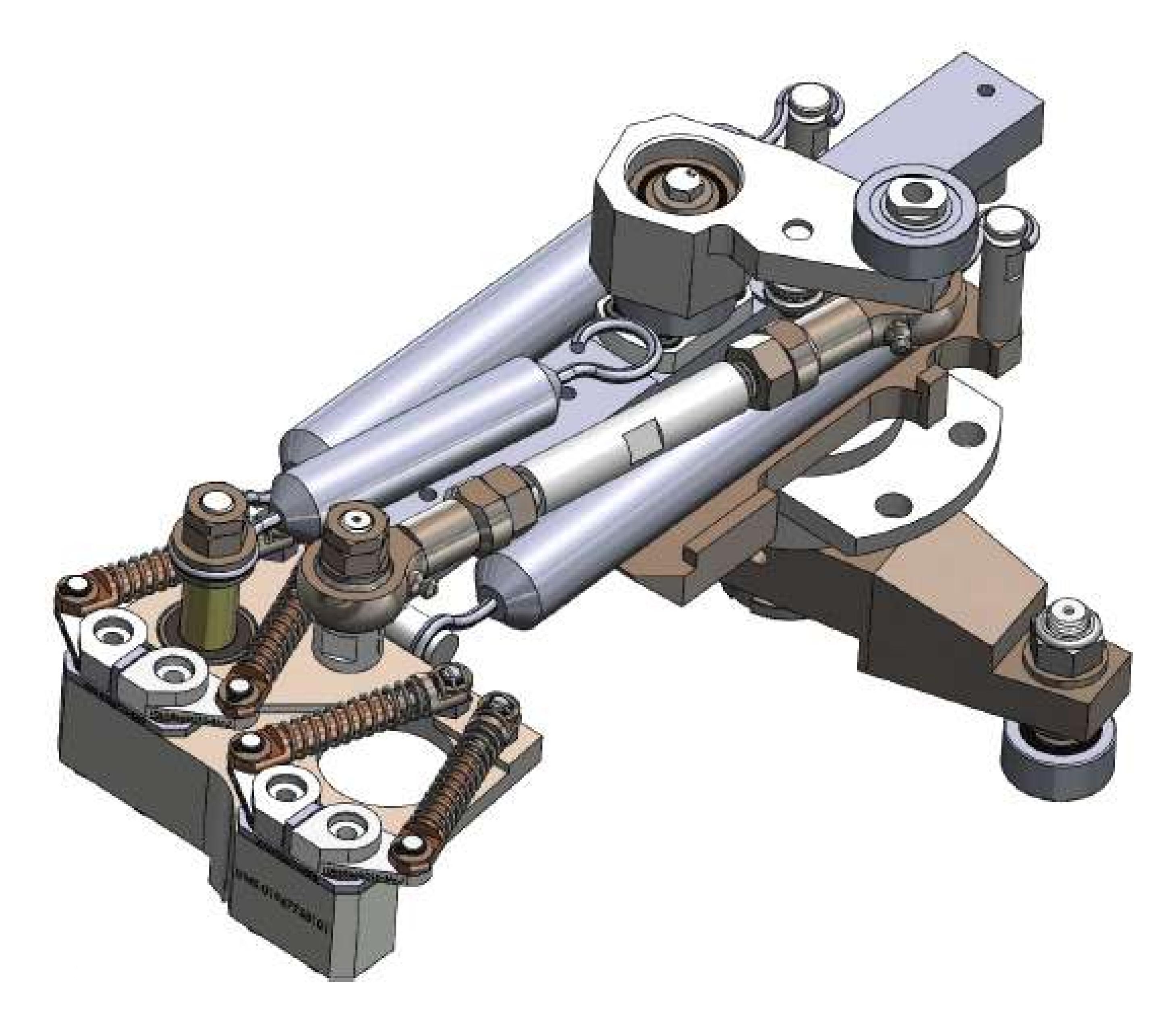
*UM is not a license of Sidel nor have UM parts been approved or authorized by Sidel.

IMPROVED S1 DUAL CAVITY TRANSFER ARM

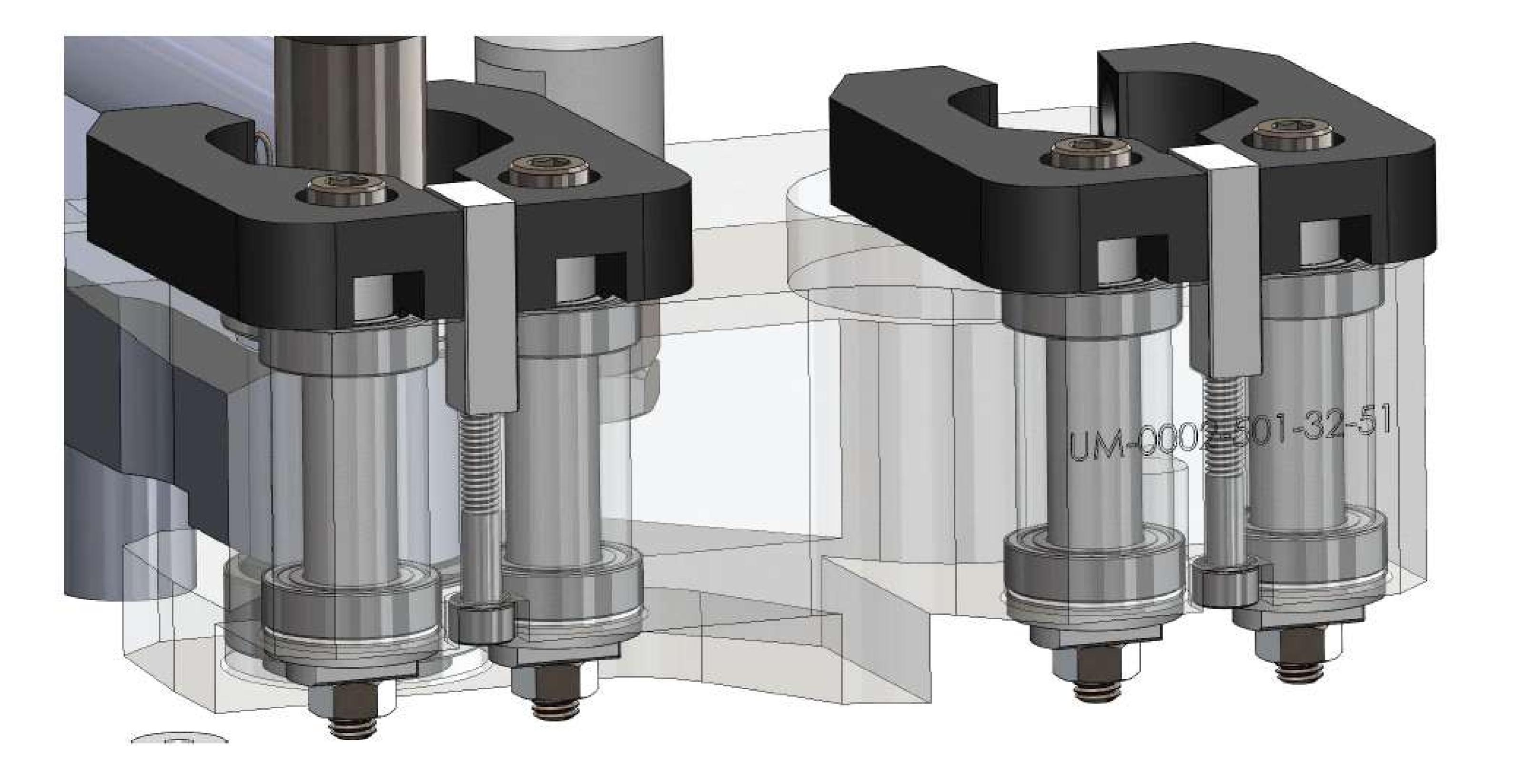


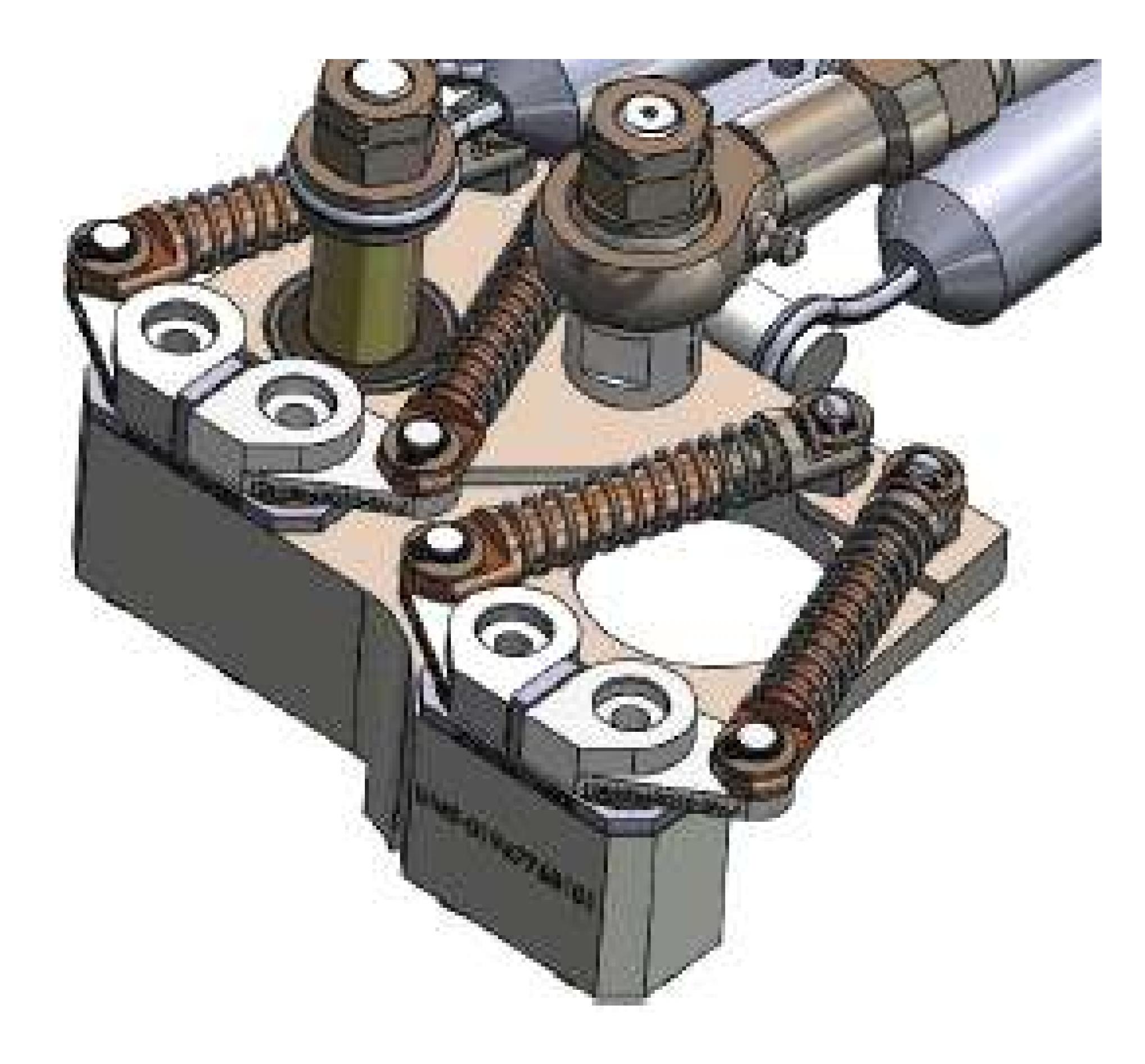
CONFIDENTIAL

New design



Old design

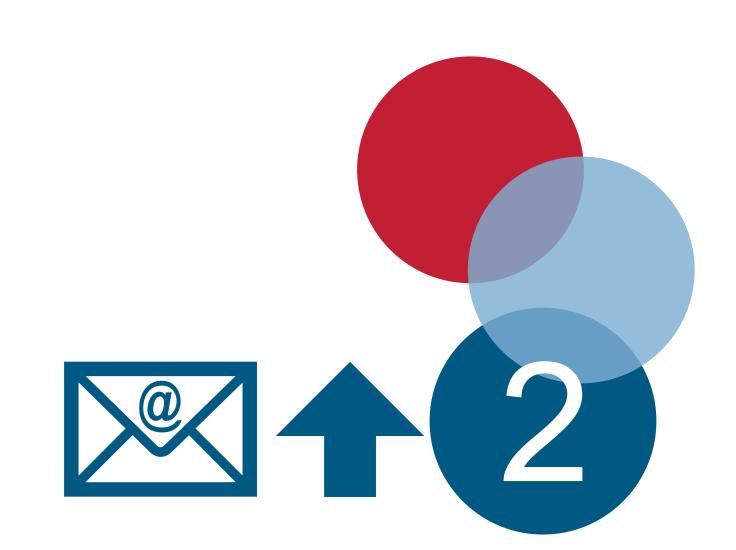


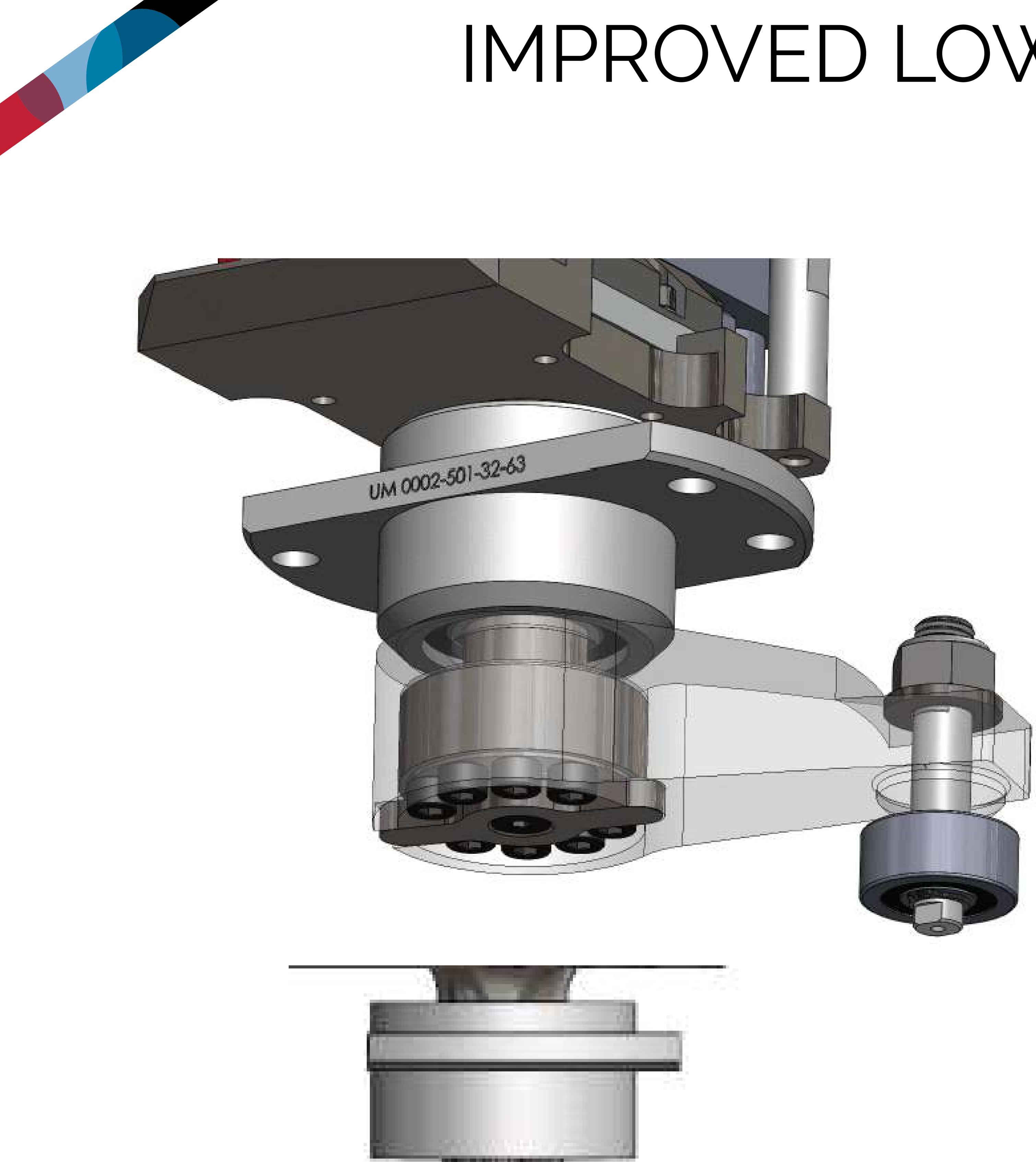


CONFIDENTIAL

IMPROVED HEAD DESIGN

- Bushings are replaced by bearings
- •Ball bearing are captive in case of bearing failure
- Strike plate is removable and can be installed independently
- •Aluminum head is less prone to cracking (no recess for bushing design)
- •No more snaging from the "shock" like springs



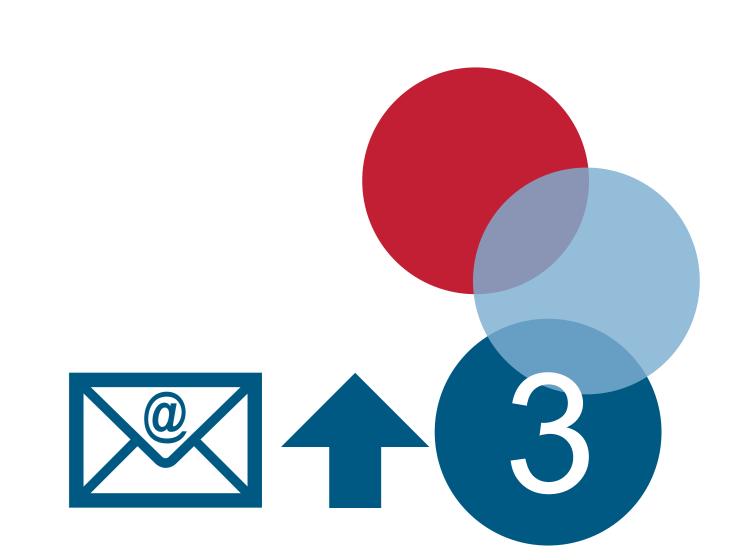


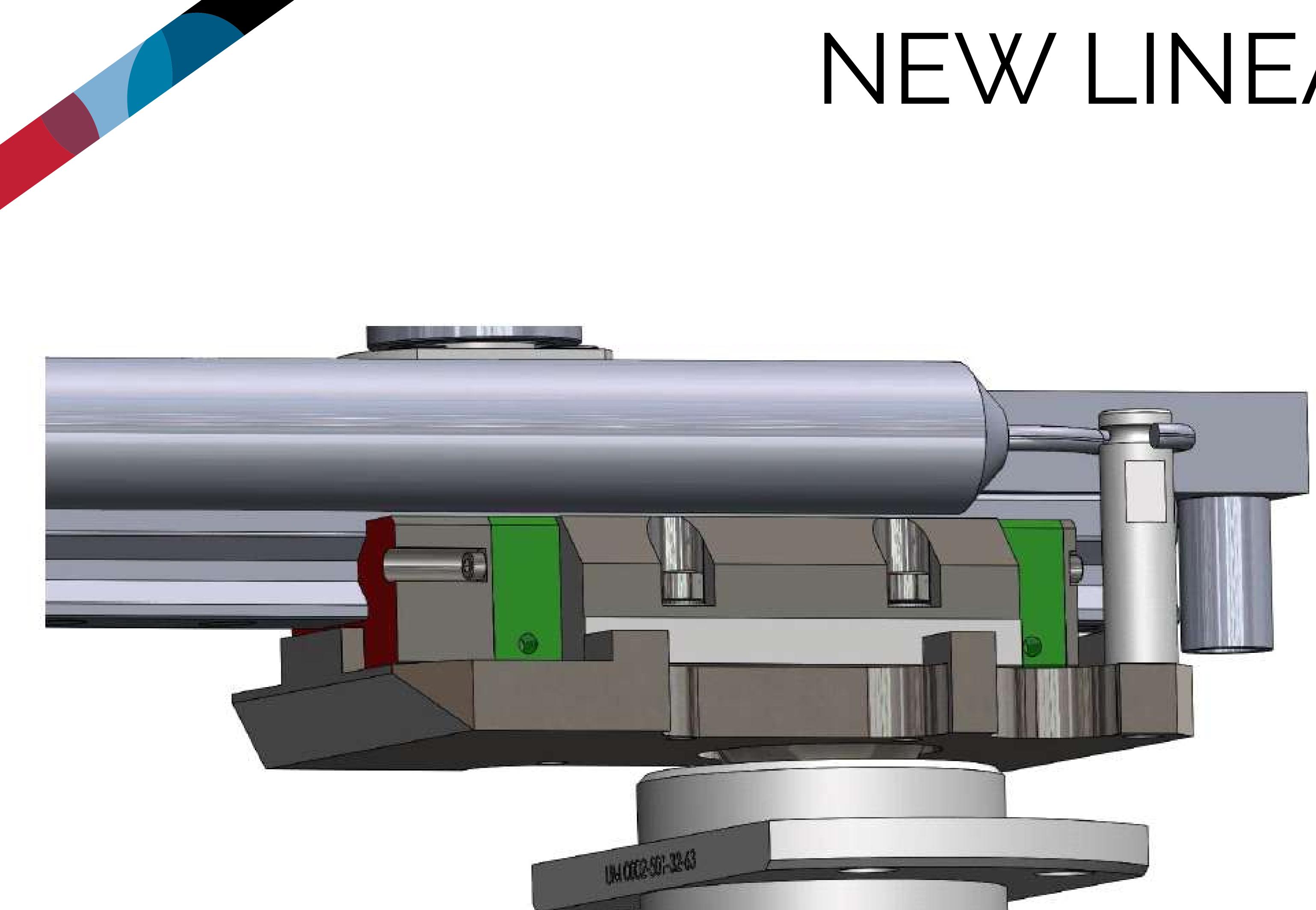




IMPROVED LOWER ARM DESIGN

- Taper pin replaced by power lock (taper lock)
- Reajustable in case of crashes
- More precise angle ajustement compared to machined parts

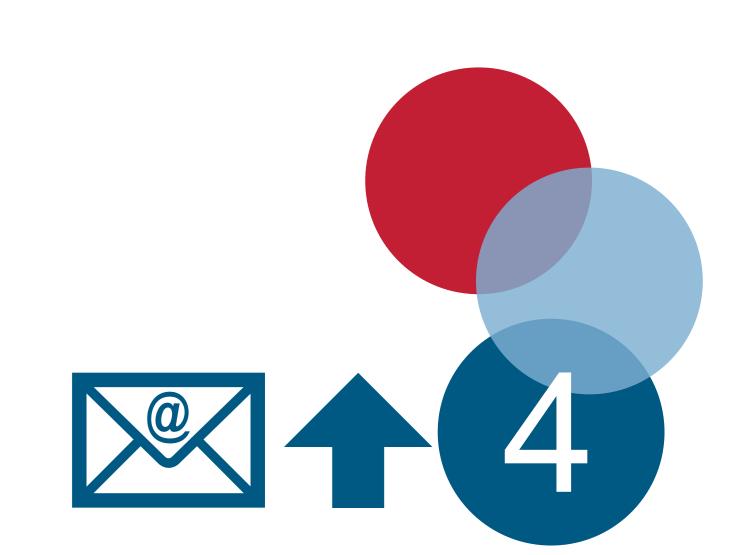




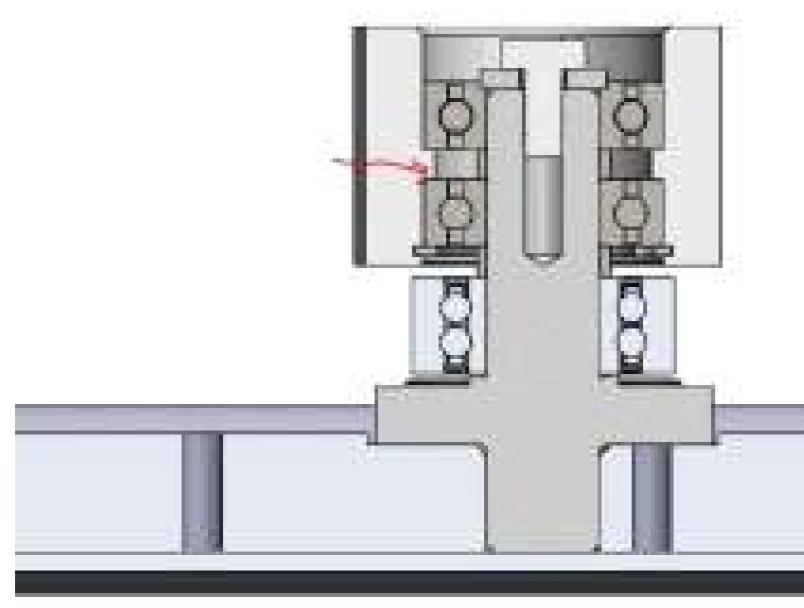
CONFIDENTIAL

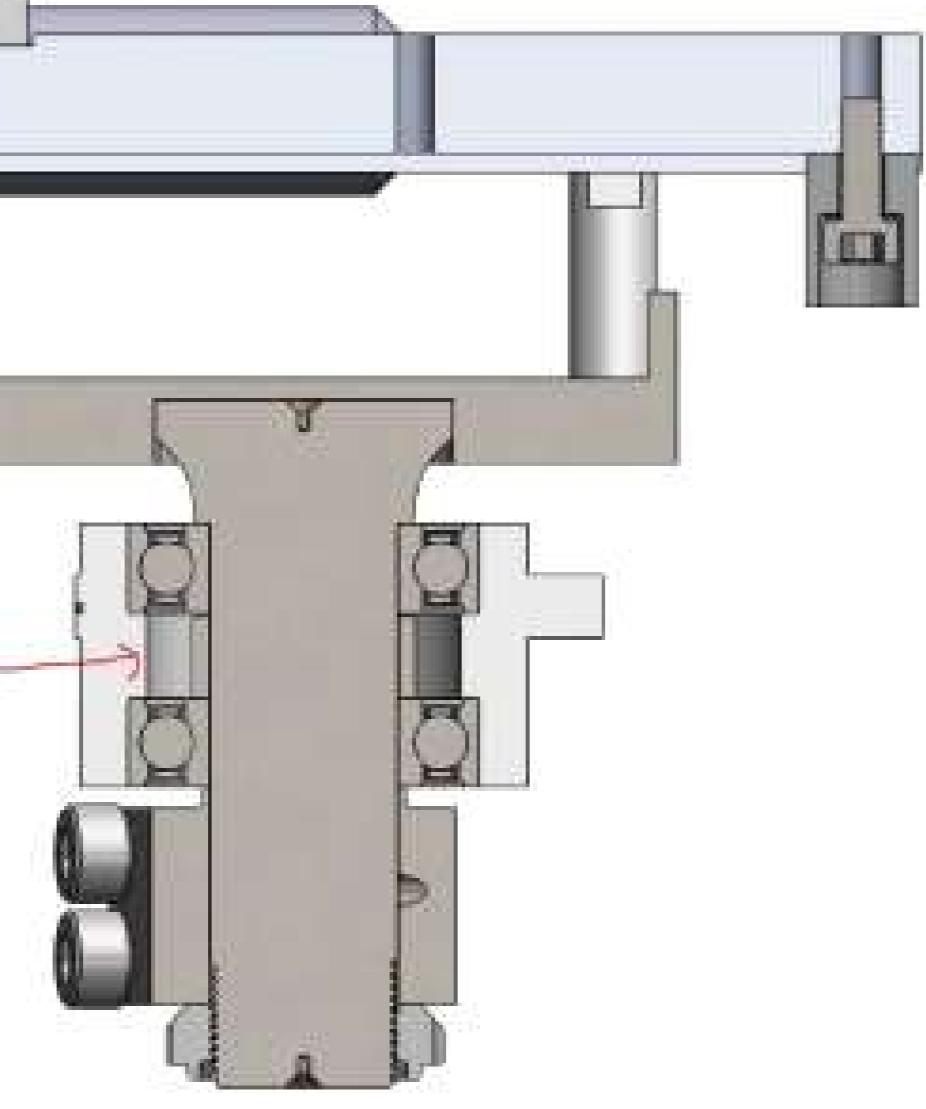
NEW LINEAR BEARING

- Rollers instead of ball bearing (less ware, 2x stronger)
- •Smaller form factor (reduced weight)
- Integrated lubricator makes it almost maintenance free
- •Readily available in U.S.

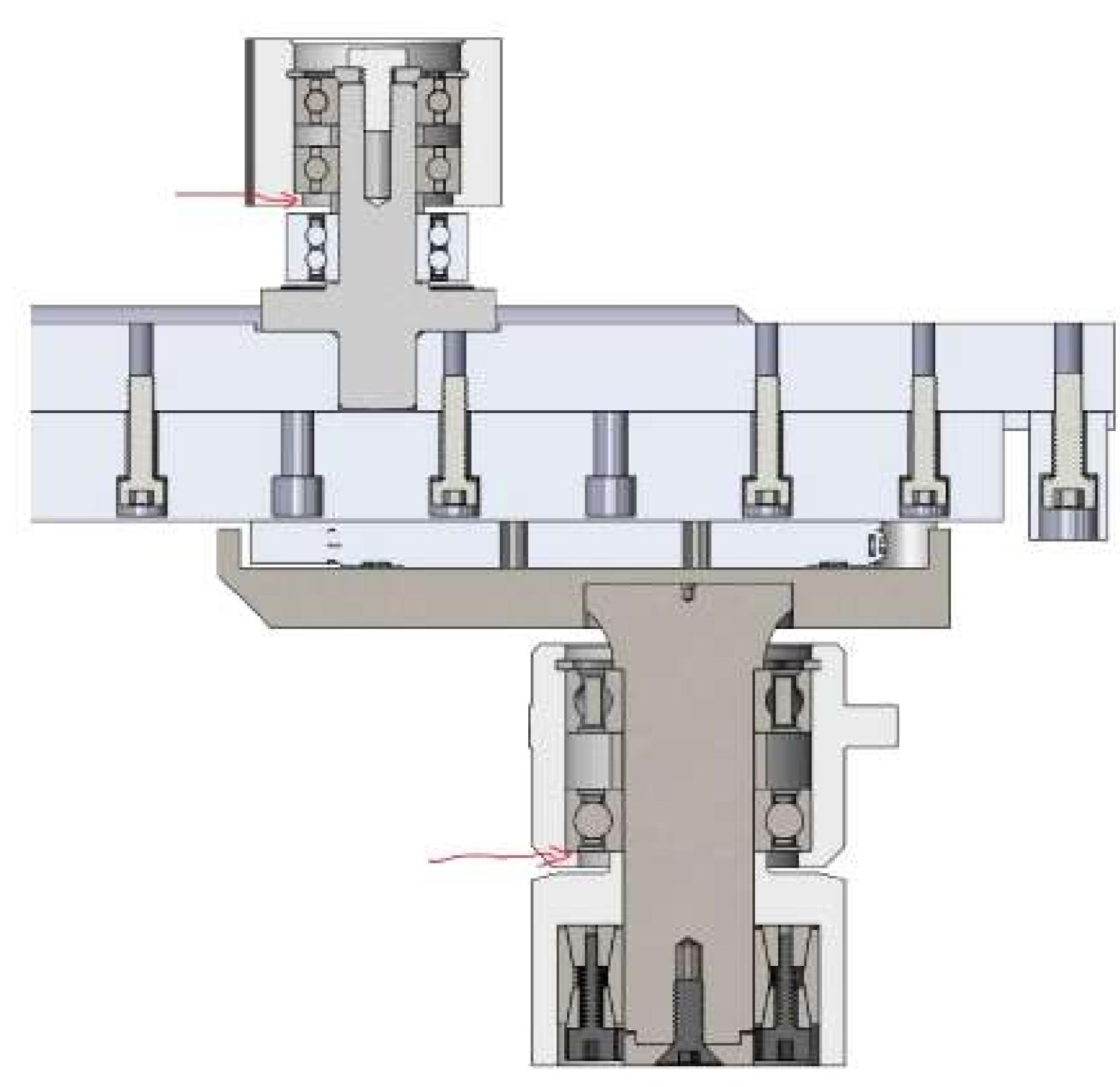


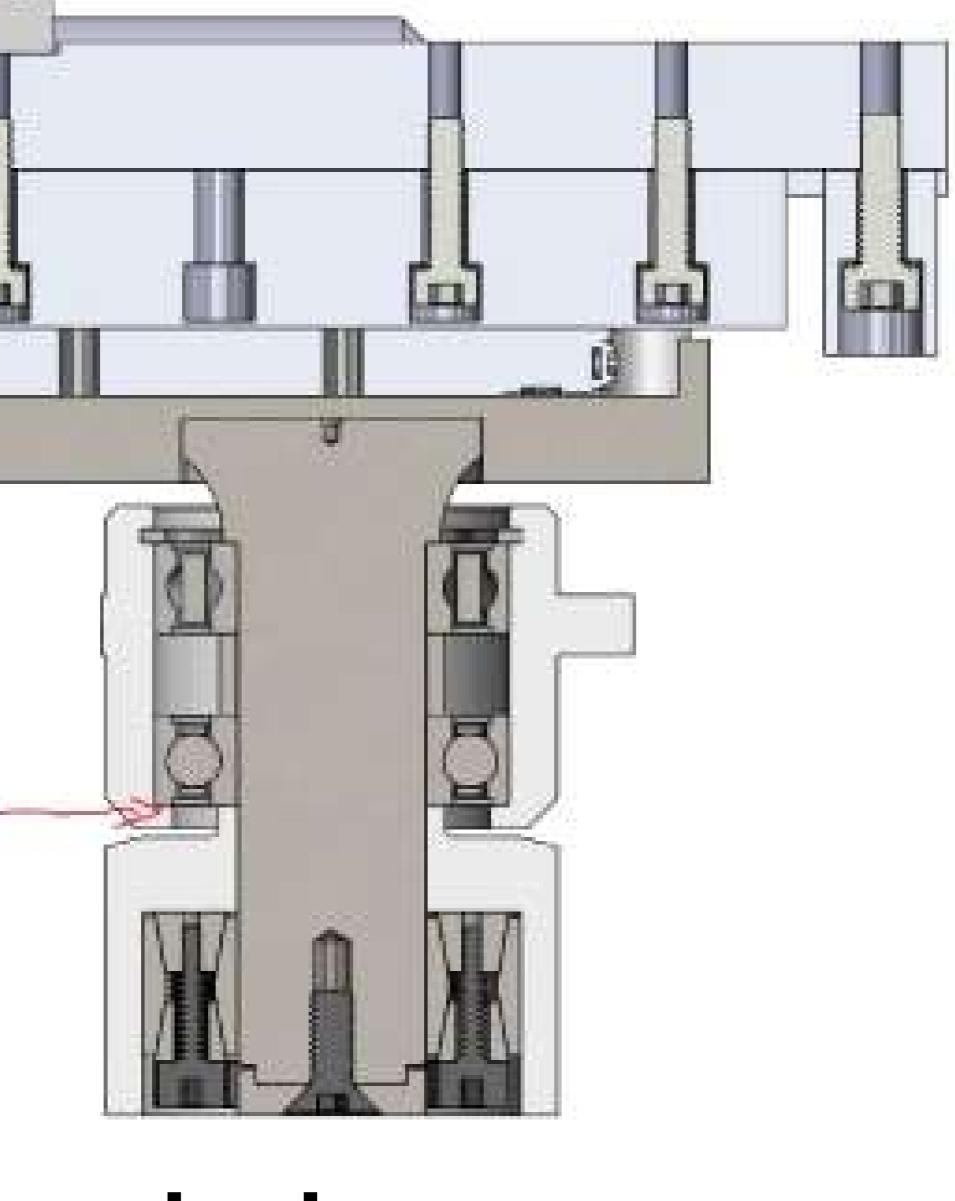
IMPROVED UPPER ARM & PIVOT DESIGN





Old design

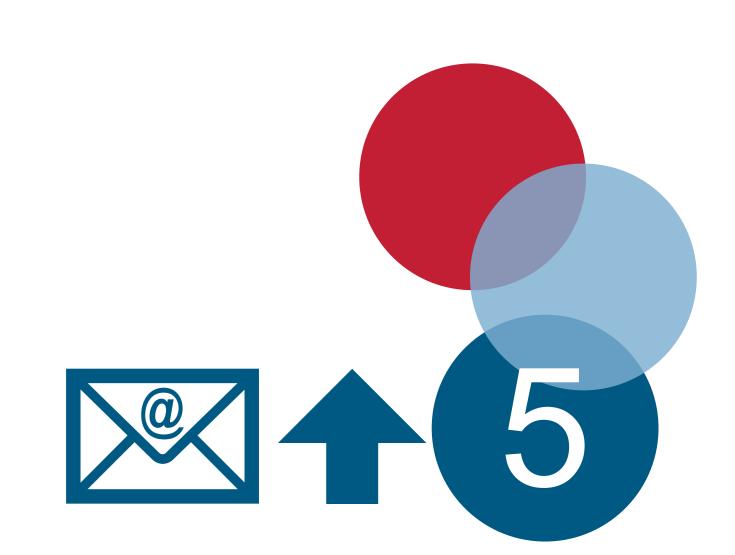




New design

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- •We moved the bearing stoppers on both to improve maintenance
- Same bearing positioning
- •No more need for specialised tool to remove bearings



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