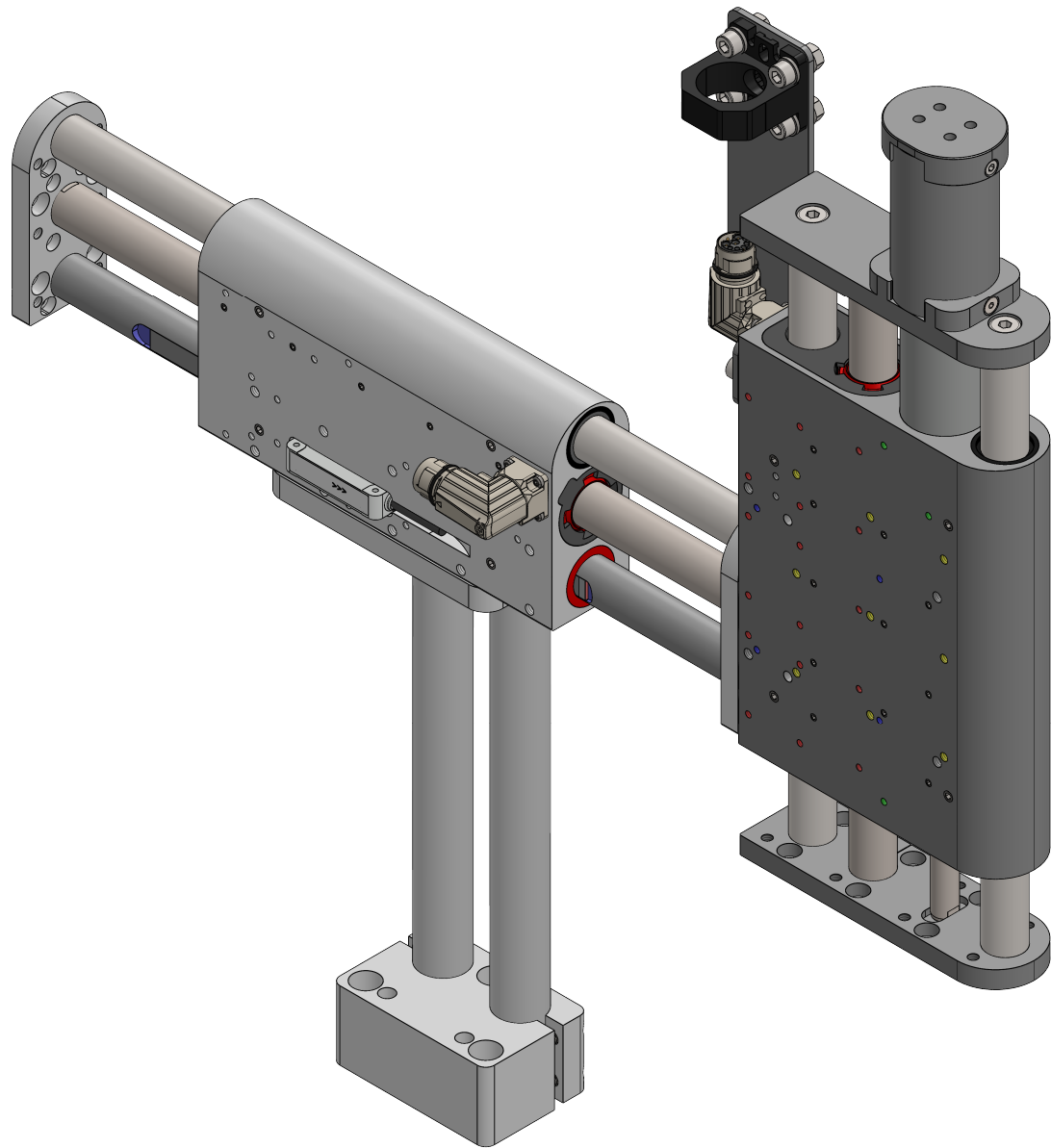
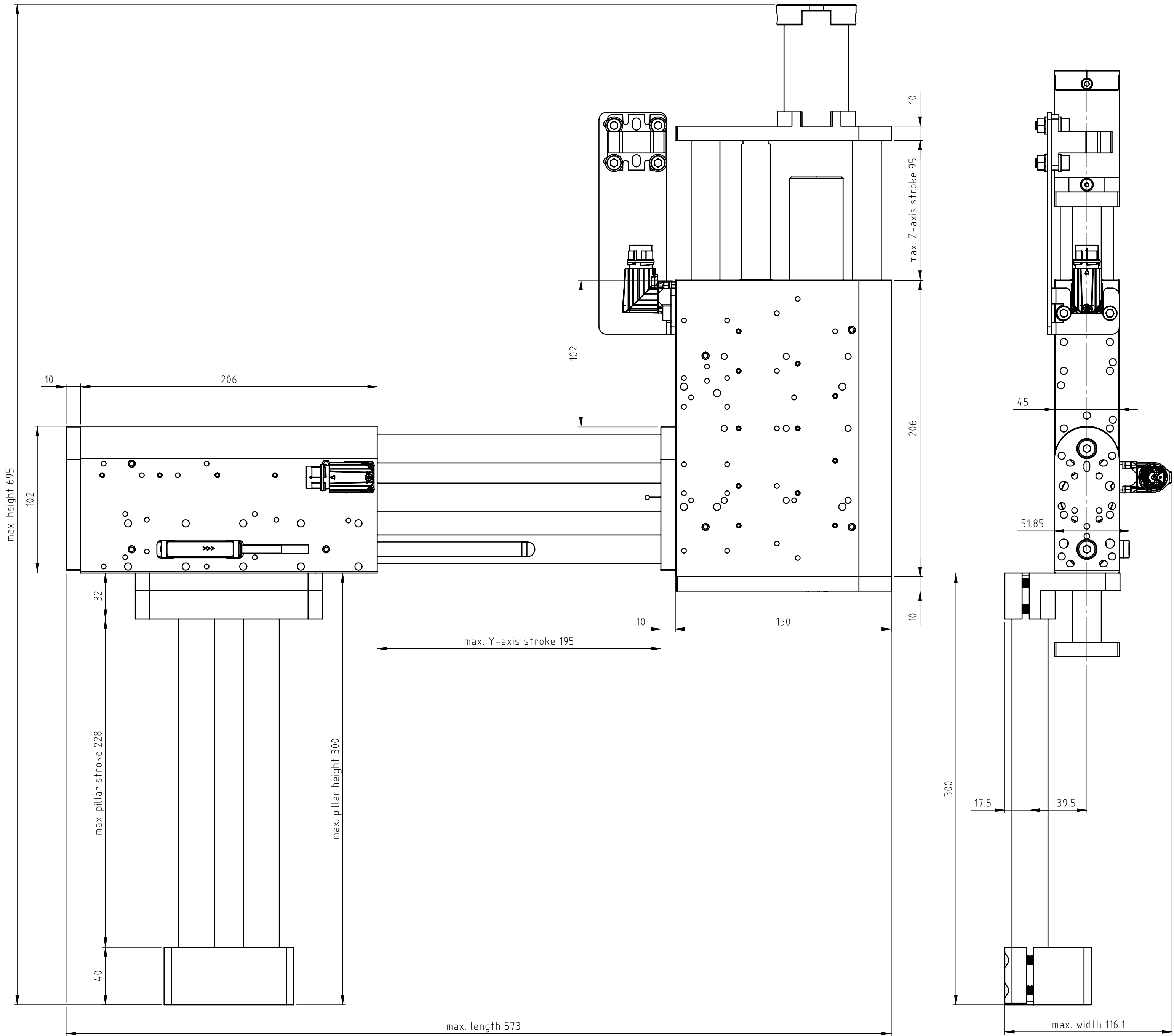


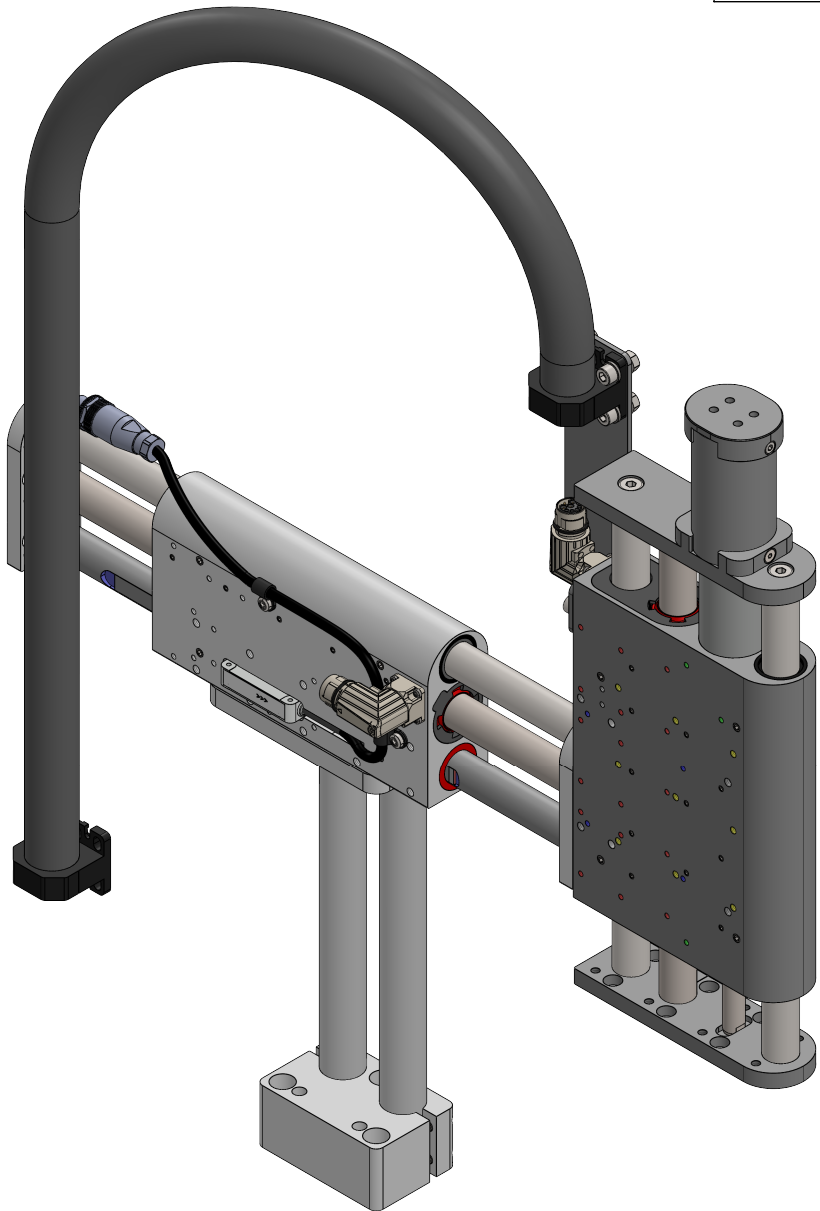
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Rev.	Change	Date	Author	Appr.

General tolerance DIN ISO 2768 - mK	Created by J.-E. Beekhuis	Status 28.04.2025/jb	Material		
LinMot®	File name 0380-0005_PP03_195-37x120F-EN02_95-37x120F-MS07_MT02_TC05	☐ Safety Rel.		Weight (g)	
		☐ UL-Rel.			
	NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Title, additional title PP03_195-37x120F-EN02_ 95-37x120F-MS07_MT02_TC05 Pick&Place / DM01-37 & DM03-37	Document type Assembly drawing		
Template type: SW2020 Version: V1-1 SW_A2_hori_Sheet_format_V1-1	Art.No: 0300-0005	Drawing number / Index 0380-0005A			
		Scale 1:2			Sheet 1 / 3 A2

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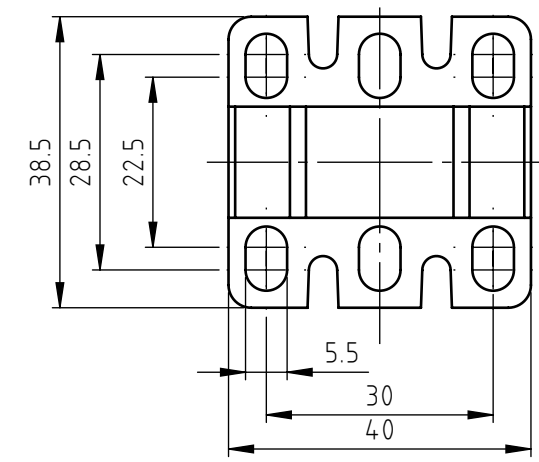
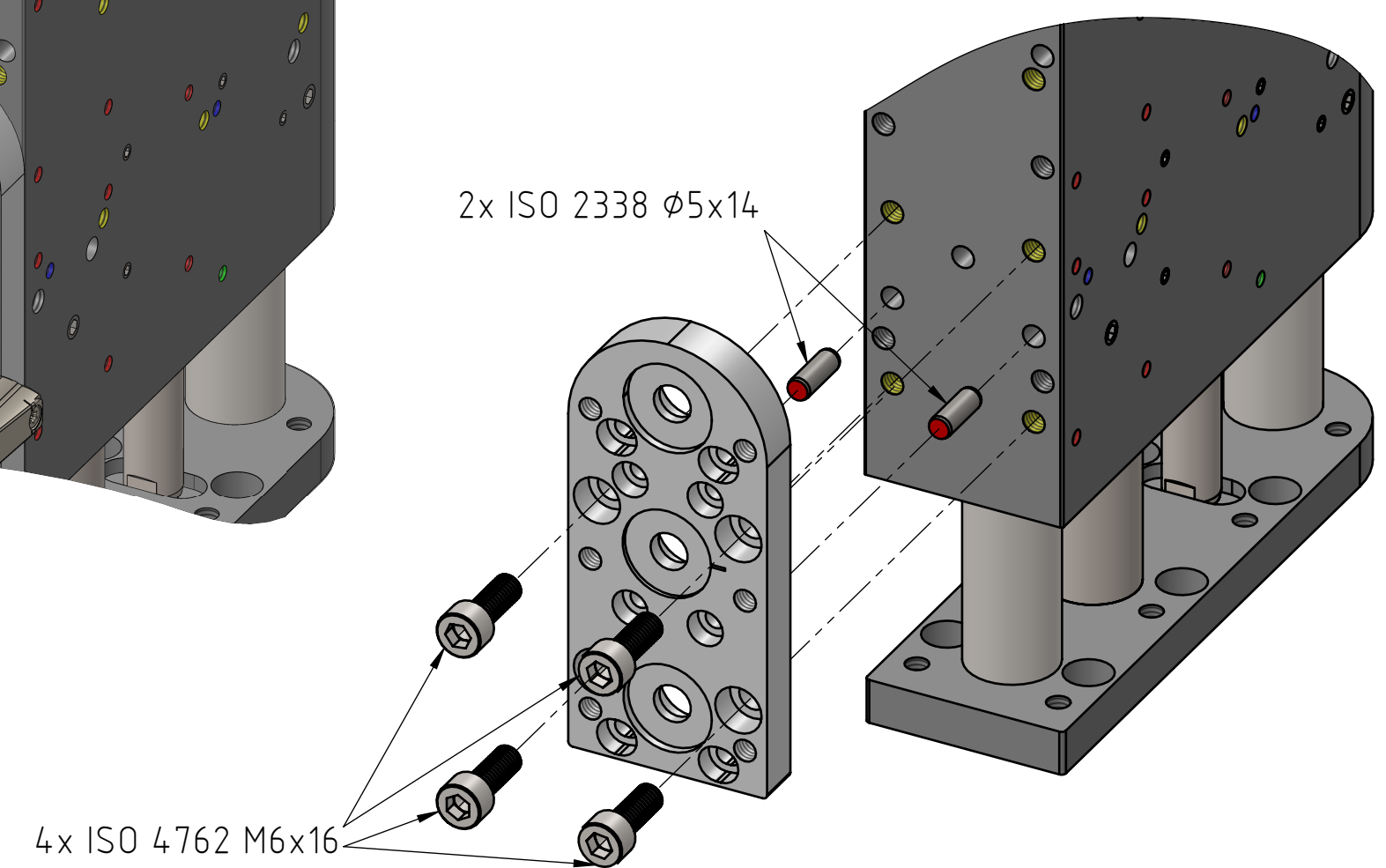
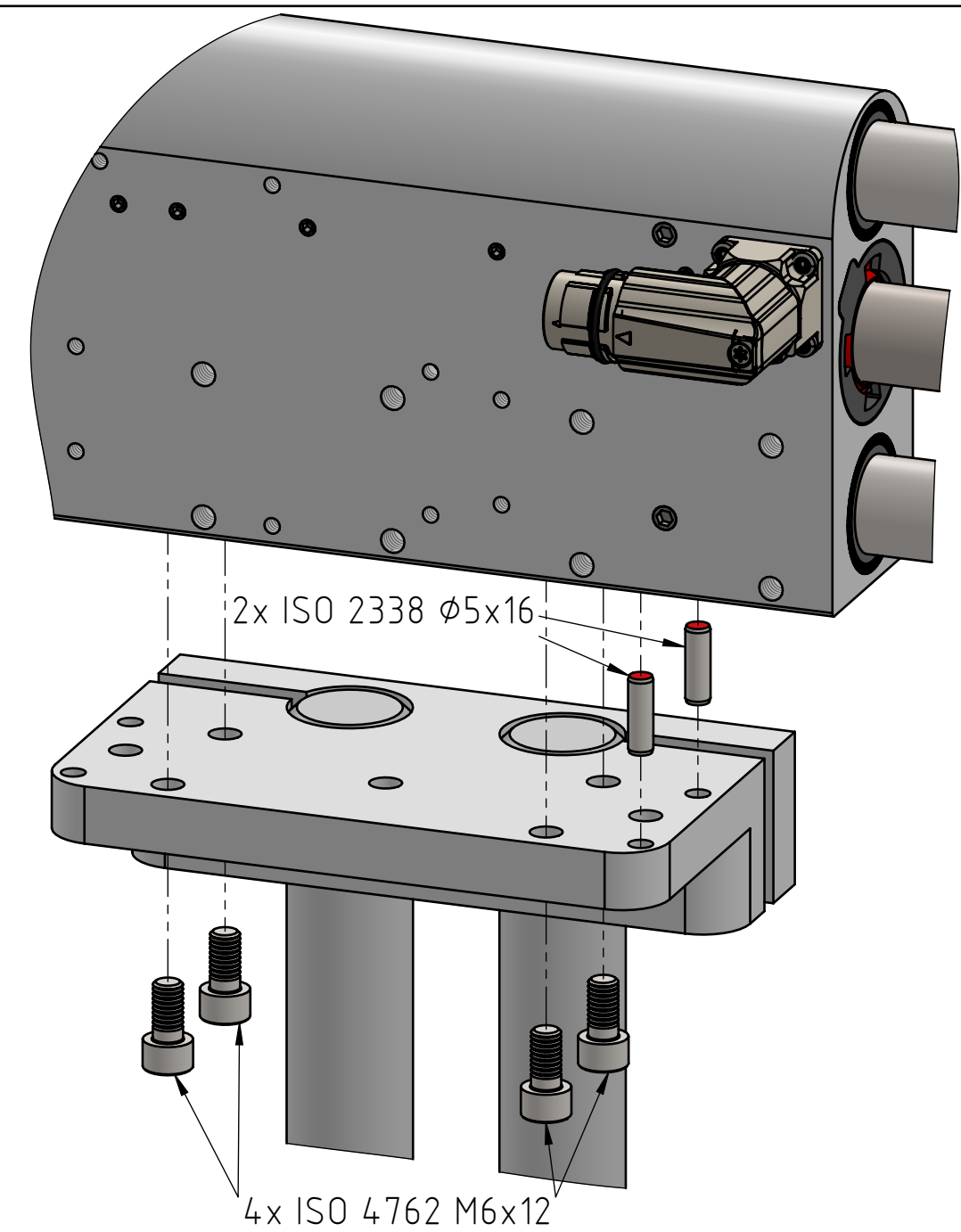
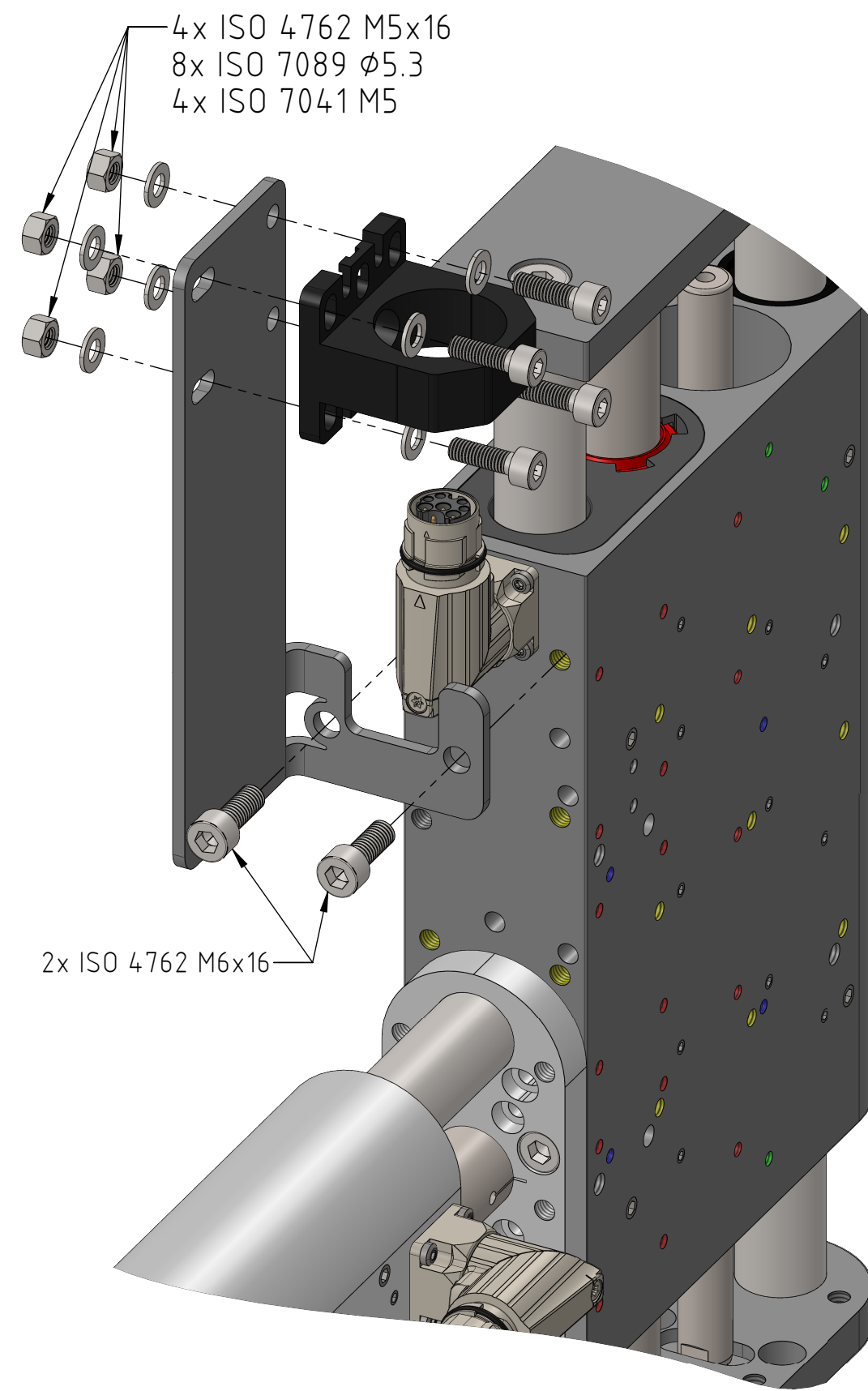
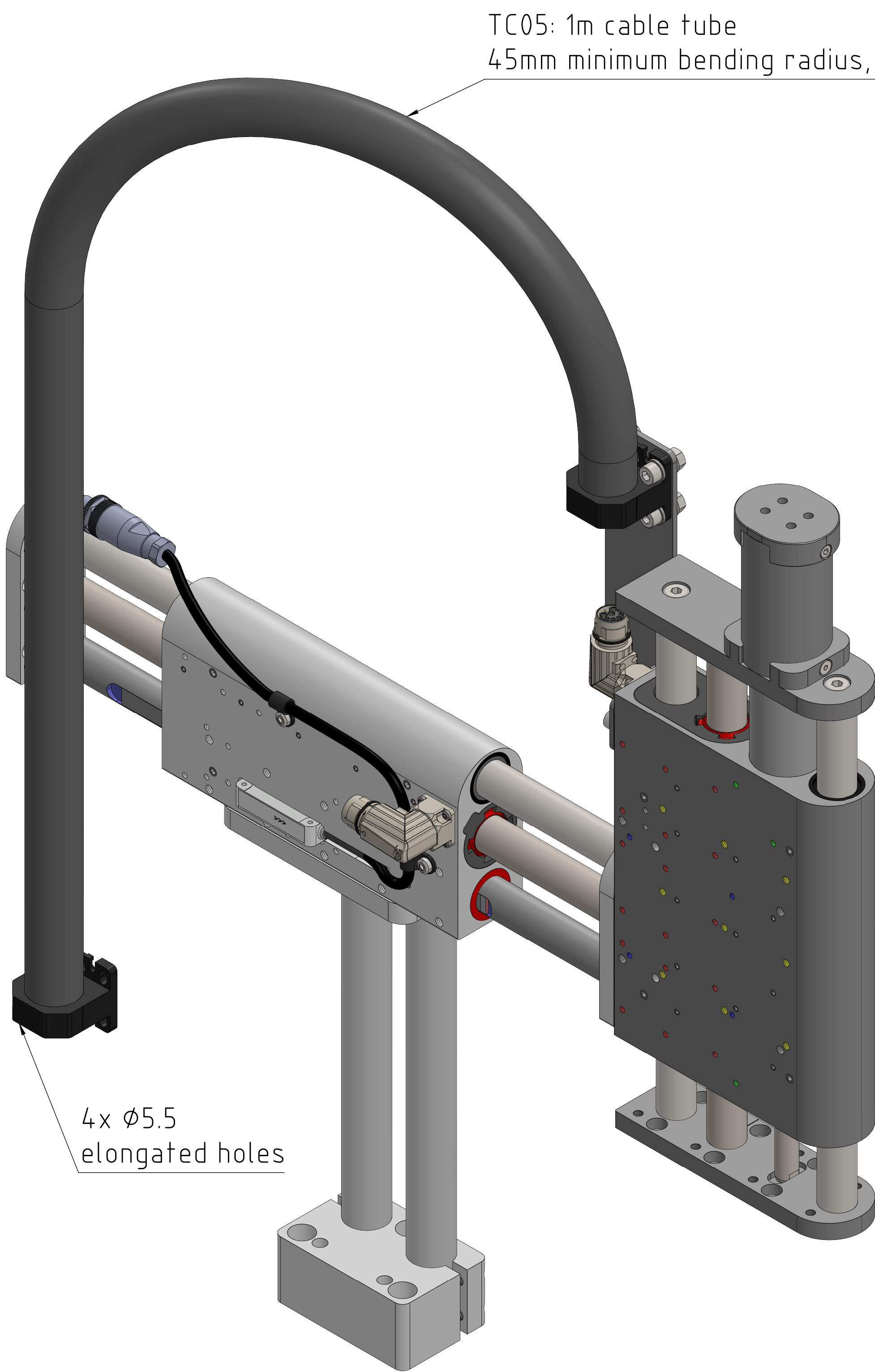
Stage type	PP03_195-37x120F-EN02_95-37x120F-MS07_MT02_TC05	
Motor type	Horizontal: 0150-4014 DM01-37x120F-HP-R-195_EN02	Vertical: 0150-5989 DM03-37x120F-HP-R-95_CS10_MS07
Stroke	195	95
Max. Force@48VDC [N]	255	255
Max. Force@72VDC [N]	255	255
Position resolution [mm]	0.001	0.002
Repeatability [mm]	±0.001	±0.05
Max. acceleration [m/s2]	< 50	< 50
Max. Velocity@48VDC [m/s]	2.5	2.5
Max. Velocity@72VDC [m/s]	3.8	3.8
Deviation	see datasheet	see datasheet
Moving mass [kg]	2.580	1.970
Module mass [kg]	4.560	5.440
Pillar mass [kg]	3.200	
Cable weight [kg/km]	83.0	
Cable tube weight [kg/m]	0.84	
Max. payload	see datasheet	see datasheet
Grease type - Motor	0150-1954 / 0150-1955 LU02	
Grease type - Bearing	0260-0061 SKF LGFP 2	
Grease type - MagSpring	0150-1954 / 0150-1955 LU02	

Accessories		
Stage type	PP03_195-37x120F-EN02_95-37x120F-MS07_MT02_TC05	
Motor type	Horizontal: 0150-4014 DM01-37x120F-HP-R-195_EN02	Vertical: 0150-5989 DM03-37x120F-HP-R-95_CS10_MS07
Safety	Available: not chosen	Not available
Clean room	Available: not chosen	Not available
External sensor	Chosen: 0150-4717 MS01-1/D-BiSS	Not available
Cover	Not available	Not available
Cable guide	Chosen: 0150-6841 PP03_TC05	
Pillar system	Chosen: 0150-6831 PP03_MT02	
Force sensor	Available: not chosen	Available: not chosen
Fan Kit	Available: not chosen	Not available

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LinMot® NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	0380-0005_PP03_195-37x120F-EN02_95-37x120F-MS07_MT02_TC05		☐ Safety Rel.	Weight (g)
			☐ UL-Rel.	
	Title, additional title PP03_195-37x120F-EN02_95-37x120F-MS07_MT02_TC05		Document type Assembly drawing	
Template type: SW2020 Version: V1-1 SW_A3_hori_Sheet_format_V1-1	Pick&Place / DM01-37 & DM03-37 Art.No.: 0300-0005		Drawing number / Index 0380-0005A	
Scale 1:4		Sheet 2 / 3	A3	

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General tolerance DIN ISO 2768 - mK	Created by J.-E. Beekhuis	Status 28.04.2025/jb	Material
LinMot®	File name 0380-0005_PP03_195-37x120F-EN02_95-37x120F-MS07_MT02_TC05	Title, additional title PP03_195-37x120F-EN02_95-37x120F-MS07_MT02_TC05	☐ Safety Rel. Weight (g) ☐ UL-Rel.
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Template type: SW2020 Version: V1-1 SW_A2_hori_Sheet_format_V1-1	Pick&Place / DM01-37 & DM03-37 Art.No.: 0300-0005	Document type Assembly drawing Drawing number / Index 0380-0005A
Scale 3:5	Sheet 3 / 3	A2	