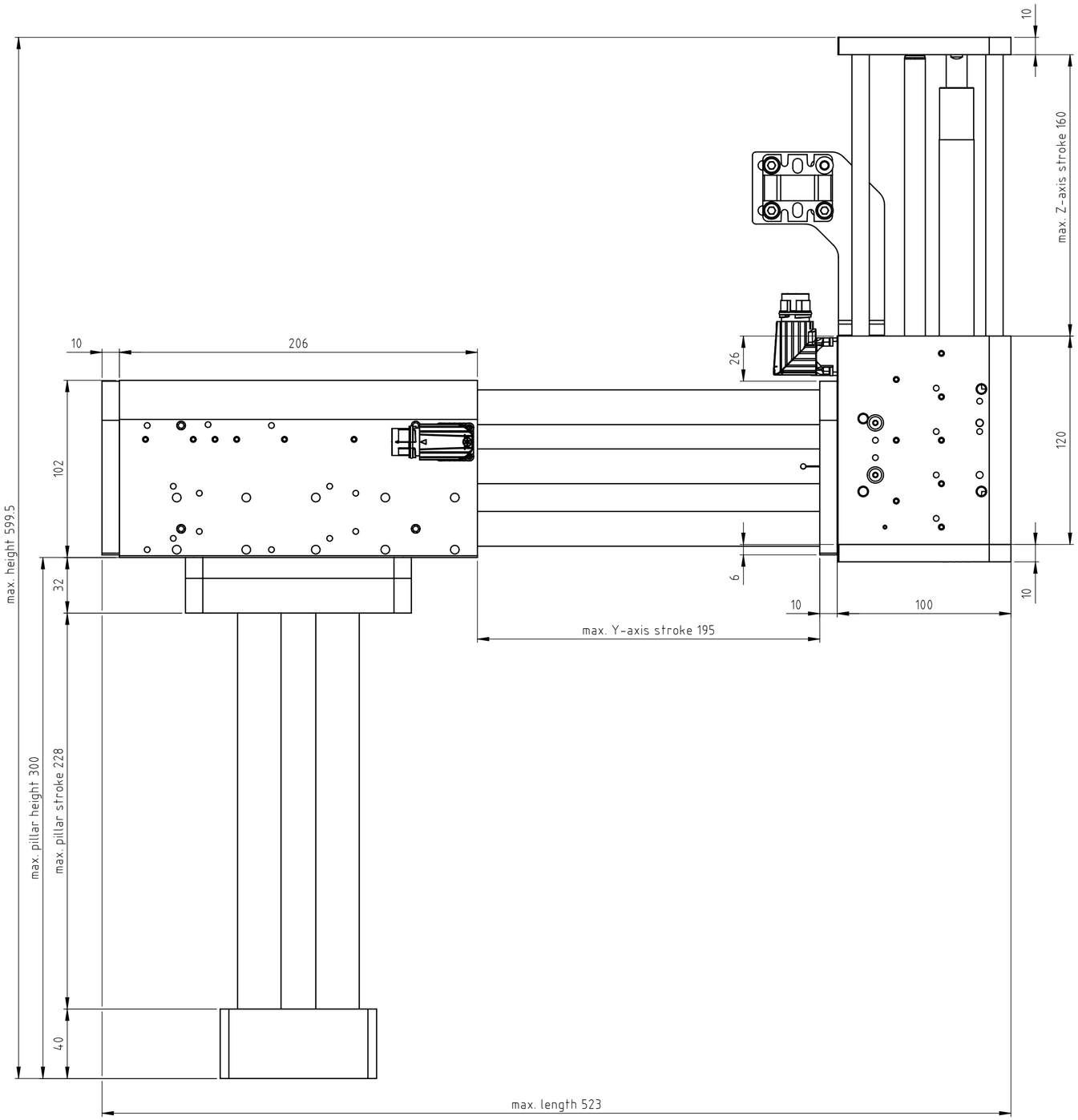
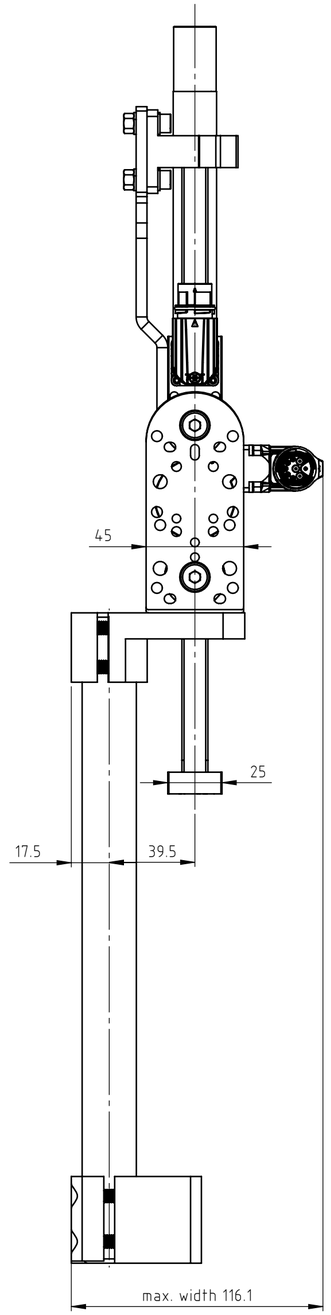
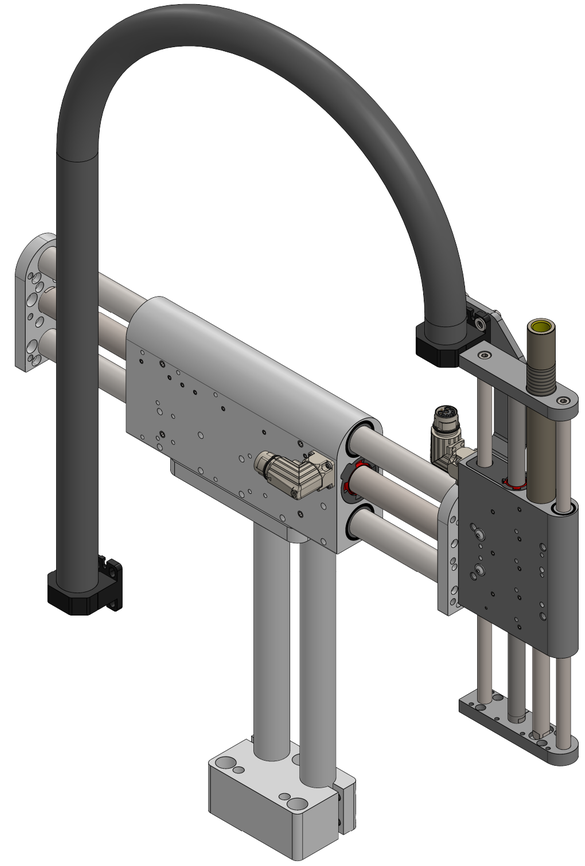
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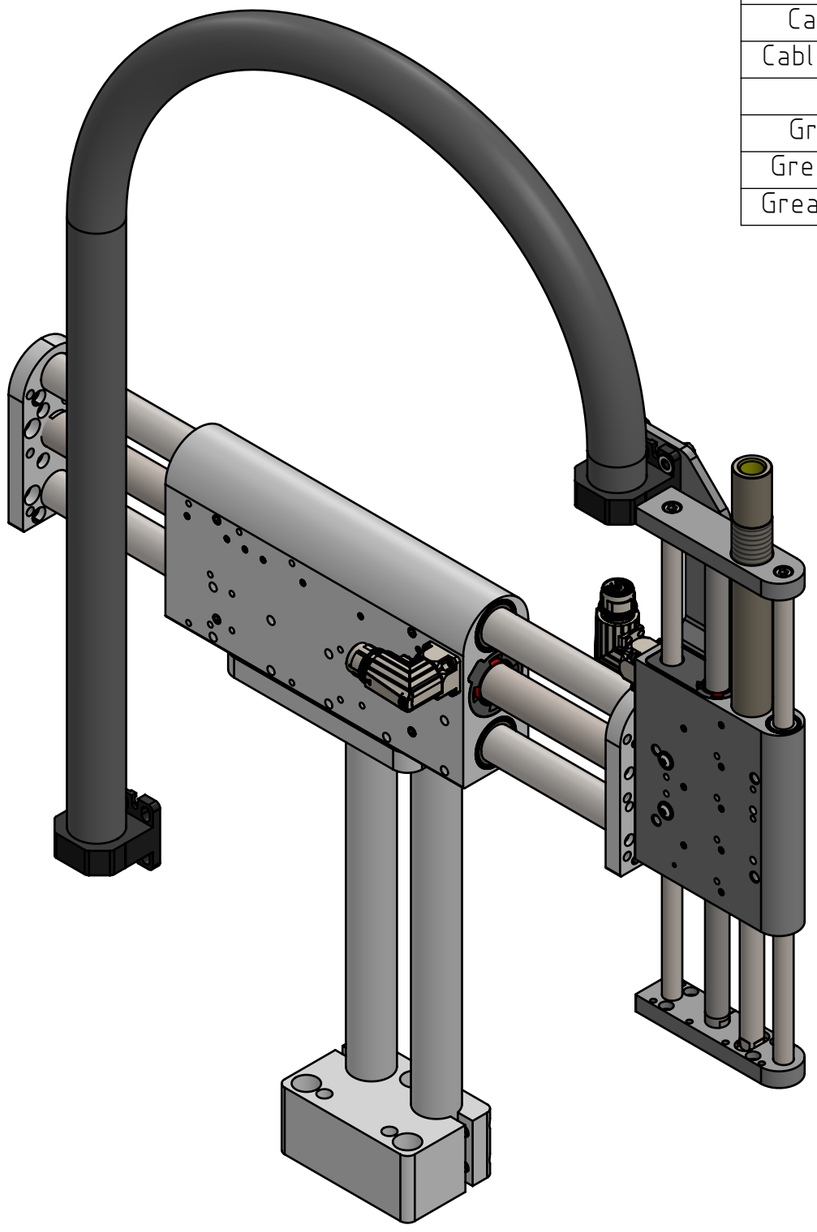




Rev.	Change	Date	Author	Appr.
A	Document created	20.11.2025	JB	FH

General tolerance DIN ISO 2768 - mK	Created by J.-E. Beekhuis	Status 20.11.2025/jb	Material
LinMot®	File name 0380-0113_PP03_195-37x120F_160-23x80F-MS13_MT02_TC01	☐ Safety Rel. ☐ UL-Rel.	Weight (g)
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Title, additional title PP03_195-37x120F_ 160-23x80F-MS13_MT02_TC01 Pick&Place / DM01-37 & DM03-23	Document type Assembly drawing	
Template type: SW2020 Version: V1-1 SW_A2_hori_Sheet_format_V1-1	Art.No.: 0300-0015	Drawing number / Index 0380-0113A	
		Scale 1:2	Sheet 1 / 3 — A2

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Stage type	PP03__195-37x120F__160-23x80F-MS13__MT02__TC01	
Motor type	Horizontal: 0150-4014 DM01-37x120F-HP-R-195	Vertical: 0150-6029 DM03-23x80H-XP-R-160__CS10__MS13
Stroke	195	160
Max. Force@48VDC [N]	255	137
Max. Force@72VDC [N]	255	137
Position resolution [mm]	0.005	0.002
Repeatability [mm]	±0.05	±0.05
Max. acceleration [m/s2]	< 50	< 50
Max. Velocity@48VDC [m/s]	2.5	4.9
Max. Velocity@72VDC [m/s]	3.8	7.3
Deviation	see datasheet	see datasheet
Moving mass [kg]	2.200	0.920
Module mass [kg]	4.180	1.910
Pillar mass [kg]	3.200	
Cable weight [kg/km]	83.0	
Cable tube weight [kg/m]	0.084	
Max. payload	see datasheet	see datasheet
Grease type - Motor	0150-1954 / 0150-1955 LU02	
Grease type - Bearings	0260-0061 SKF LGFP 2	
Grease type - MagSpring	0150-1954 / 0150-1955 LU02	

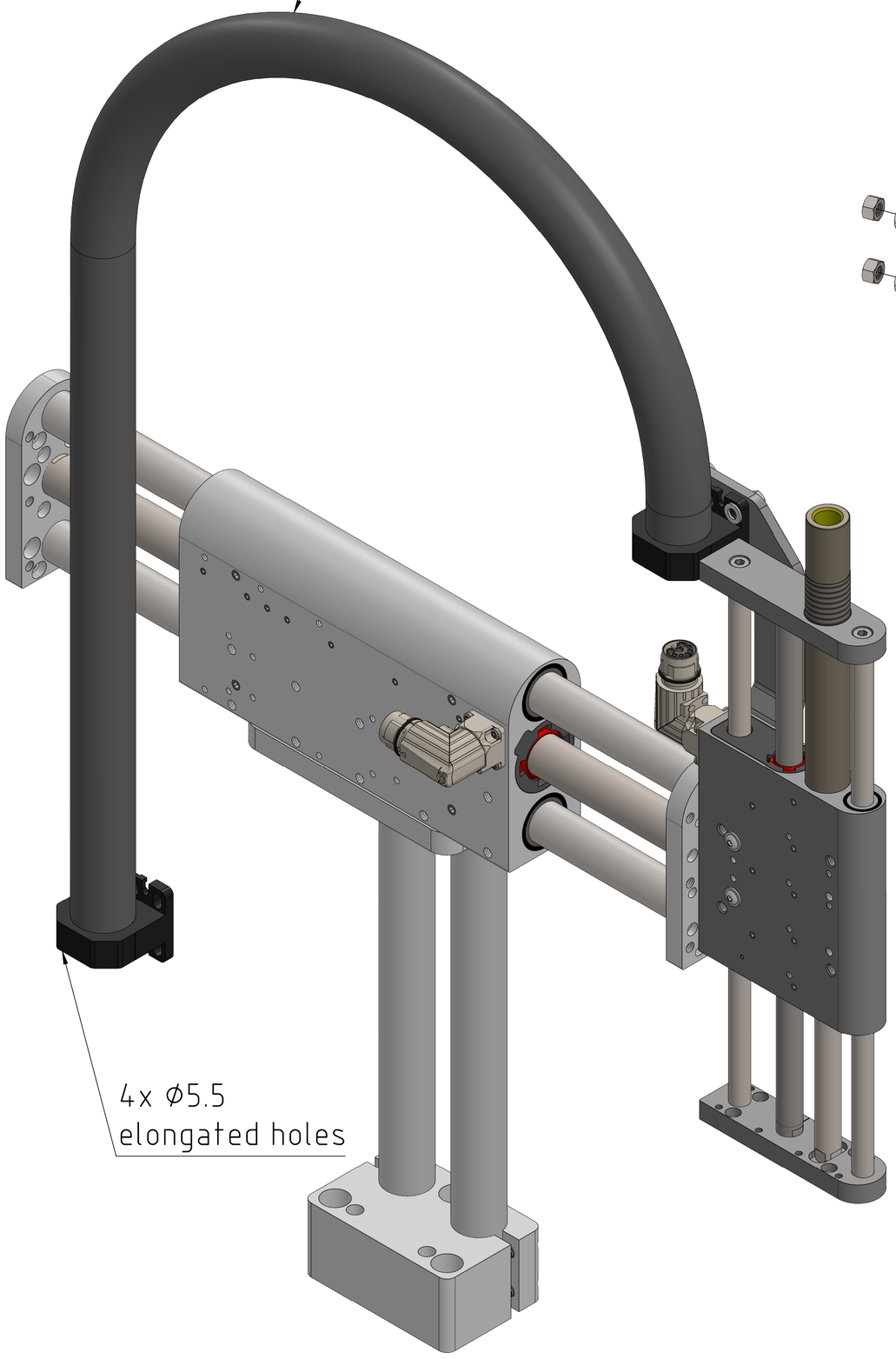
Accessories		
Stage type	PP03__195-37x120F__160-23x80F-MS13__MT02__TC01	
Motor type	Horizontal: 0150-4014 DM01-37x120F-HP-R-195	Vertical: 0150-6029 DM03-23x80H-XP-R-160__CS10__MS13
Safety	Available: not chosen	Not available
Clean room	Available: not chosen	Not available
External sensor	Available: not chosen	Not available
Cover	Not available	Not available
Cable guide	Chosen: 0150-6704 PP03__TC01	
Pillar system	Chosen: 0150-6831 PP03__MT02	
Force sensor	Available: not chosen	Available: not chosen
Fan Kit	Available: not chosen	Not available

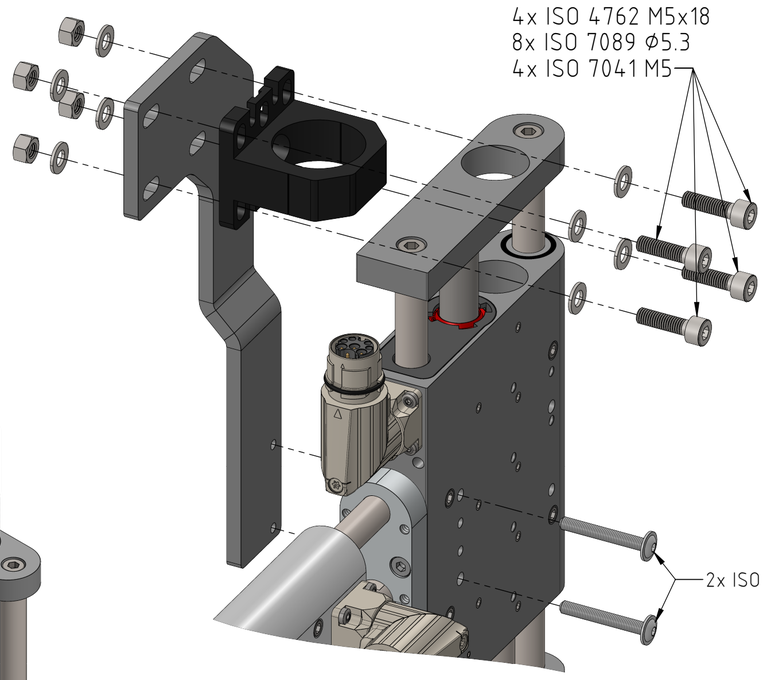
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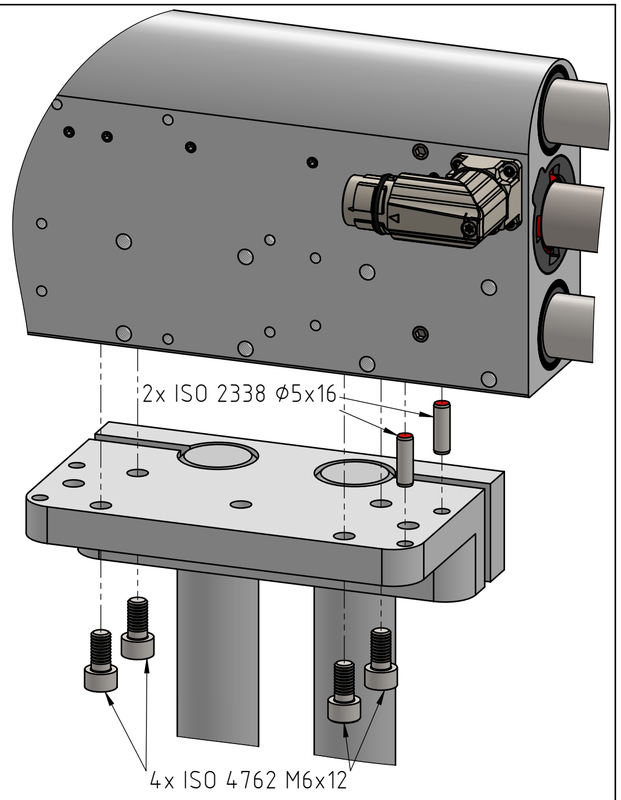
General tolerance DIN ISO 2768 - mK	Created by J.-E. Beekhuis	Status 20.11.2025/ jb	Material
LinMot®	0380-0113__PP03__195-37x120F__160-23x80F-MS13__MT02__TC01	☐ Safety Rel. ☐ UL-Rel.	Weight (g)
NTI AG LinMot & MagSpring Bodenaeckerstrasse 2 CH-8957 Spreitenbach	Title, additional title PP03__195-37x120F__ 160-23x80F-MS13__MT02__TC01 Pick&Place / DM01-37 & DM03-23 Art.No.: 0300-0015	Document type Assembly drawing Drawing number / Index 0380-0113A	
Template type: SW2020 Version: V1-1 SW__A3__hori__Sheet__format__V1-1		Scale 1:3	Sheet 2 / 3 — A3

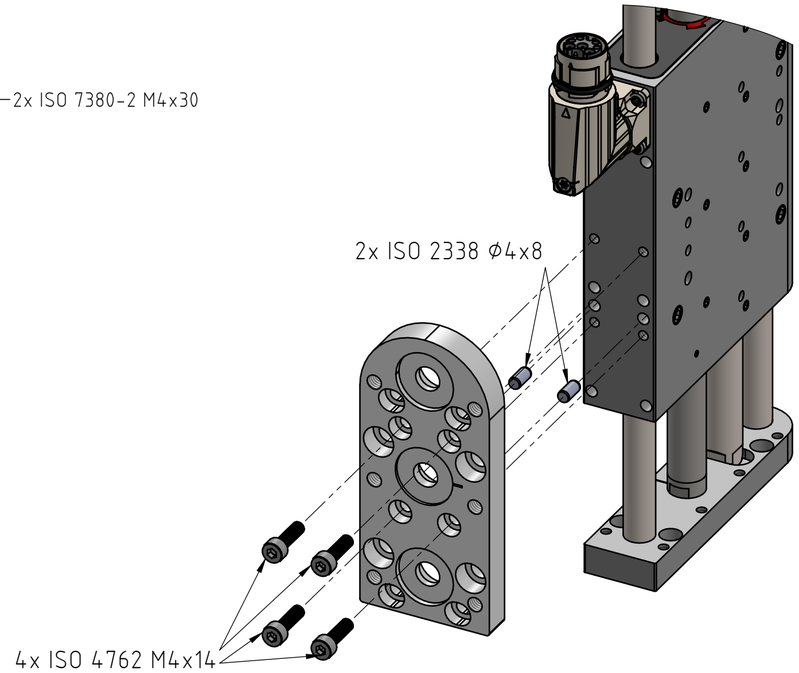
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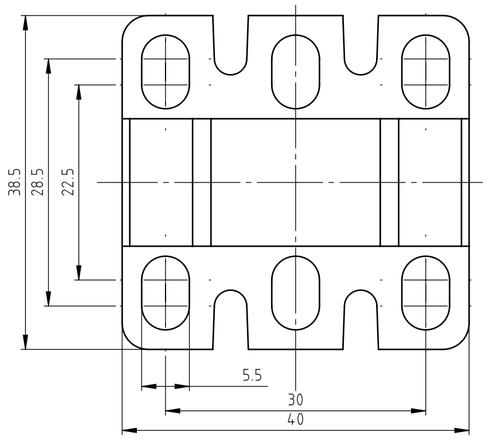
TC01: 1m cable tube
45mm minimum bending radius, static











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Template type: SW2020 Version: V1-1 SW_A2_hori_Sheet_format_V1-1			Scale 3:5 / Sheet 3 / 3 / A2