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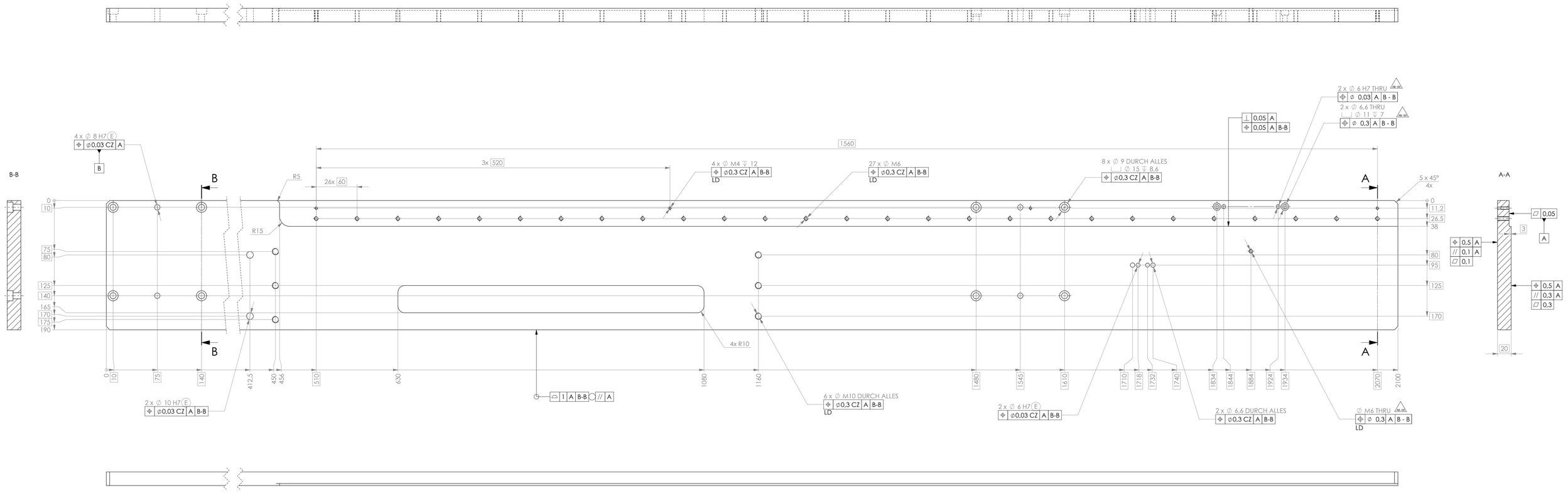
LET./ IND.	REVISION	DRN. BY/ GEZ. VON	DATE/ DATUM
AB-00	DOB BOHRUNGEN HINZUGEFÜGT	Vitali Gossen	16/09/2026
AA-00	INITIAL RELEASE	Yong Hou	08/09/2026



Tolerances for Preferentially use
DO NOT USE TITLEBLOCK DECLARATIONS

Rz16

General Positiontolerances
(unless otherwise specified on drawing)

for Clearance Holes, Slots and Threads = ±0,2 mm
for Fit Holes, Slots = ±0,02mm

General Tolerances ISO 22081
(for undefined surfaces)

⌓ 0,7 | A | B-B -

Linear Dimensions: see Table 1
Angular Dimensions: see Table 1

permanent marking
with ITEM NUMBER
max. font size 3mm
XXXXXXXXX

Table 1
Dimensions in mm

General Tolerances
(Based on DIN ISO 2768-mK)
(unless otherwise specified on drawing)

	over 0,5 to 3	over 3 to 6	over 6 to 30	over 30 to 120	over 120 to 400	over 400 to 1000	over 1000 to 2000	over 2000 to 4000
Dimensions								
Tolerances	±0,1	±0,1	±0,2	±0,3	±0,5	±0,8	±1,2	±2
Angle	to 10°	over 10° to 50°	over 50° to 120°	over 120° to 400°	over 400°			
Tolerances	±1°	±0°30'	±0°20'	±0°10'	±0°5'			

Edges DIN ISO 13715
↙ +0,9 ↗ +0,3 +0,1

General Surfaces
(DIN ISO 1302)
(unless otherwise specified on drawing)

▽ Rz6,3 for fit holes and slots

▽ Rz25 for clearance holes and slots

DRAWN / GEZ.: Vitali Gossen
APPRV. / GEPR.: Yong Hou
08/09/2026

ALL MACHINE SURFACES TO BE Ra 1,6 OR BETTER
DO NOT SCALE DRAWING
DO NOT USE TITLEBLOCK DECLARATIONS
TABLE DEPTH REPRESENTS WINDOW REQUIRED FULL. DIMENSIONS
CHECK CAD MODEL FOR FINAL DIMENSIONS

ÜBERRECHTE FLÄCHEN Ra <0,6
DIESE ZEICHNUNG IST EIN UNMASSSTÄBLICHER AUSDRUCK
DO NOT SCALE DRAWING
DIESEMAIL DESIGN DIMENSIONS

GENERAL TOLERANCES
ALLGEMEINTOLERANZEN
DIN ISO 2768 mK

ALLGEMEINTOLERANZEN NACH
DIN ISO 2768 mK

±0,1 ±0,4 ±0,2

ALL TOLERANCES ACCORDING TO ISO 8015
ALLE TOLERANZEN NACH ISO 8015

LENGTH	LÄNGENMAÑ
0 - 6	± 0,05
6 - 30	± 0,10
30 - 120	± 0,20
120 - 400	± 0,30
400 - 1000	± 0,50
1000 - 2000	± 1,20
2000 - 4000	± 2,00

MATERIAL / WERKSTOFF	1.0577 S355J2+N
FINISH / OBERFLÄCHENBEHANDLUNG	ZINC (BLUE) GALV., 15 ±3 µm
HEAT TREAT / WÄRMEBEHANDLUNG	NONE
DESCRIPTION / BENENNUNG:	PLATE
ITEM NUMBER / ZEICHNUNGSNUMMER:	700920846
REVISION	AB - 00 - 000
A0	1ST ANGLE PROJECTION
SCALE MAßSTAB	1:2
SHEET BLATT	1 OF 1

AUTOMATION TOOLING SYSTEMS

Permanente Beschriftung mit ZEICHNUNGSNUMMER
max. Schriftgröße 3mm
XXXXXXXXX
Permanent marked with ITEM NUMBER
max. Font size 3mm
XXXXXXXXX