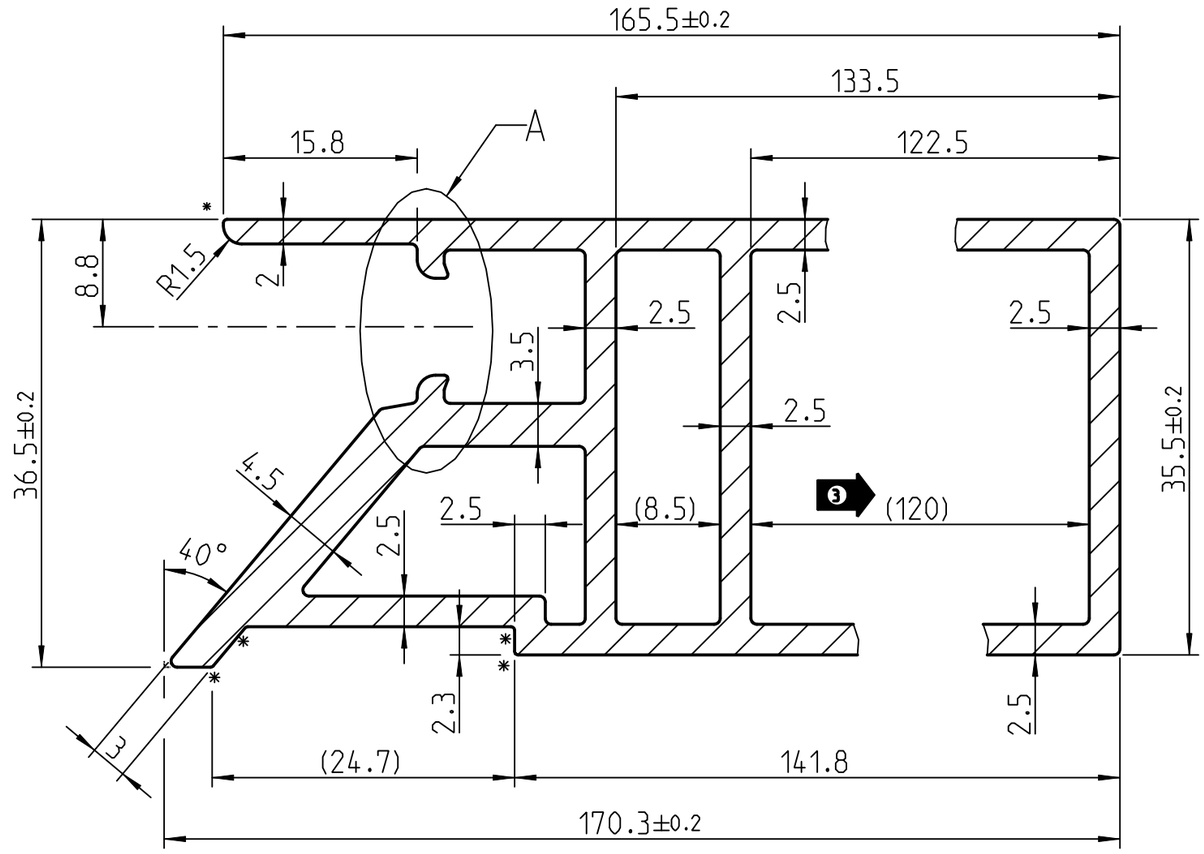
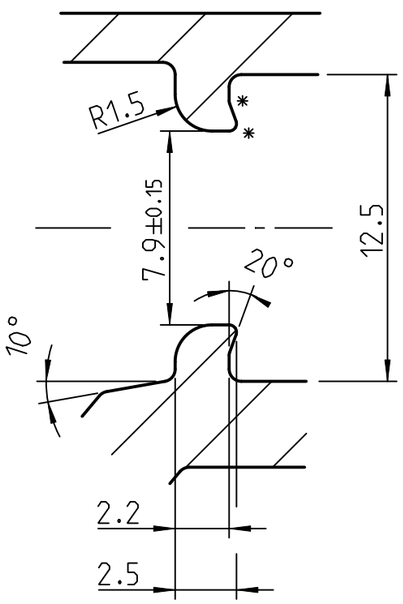
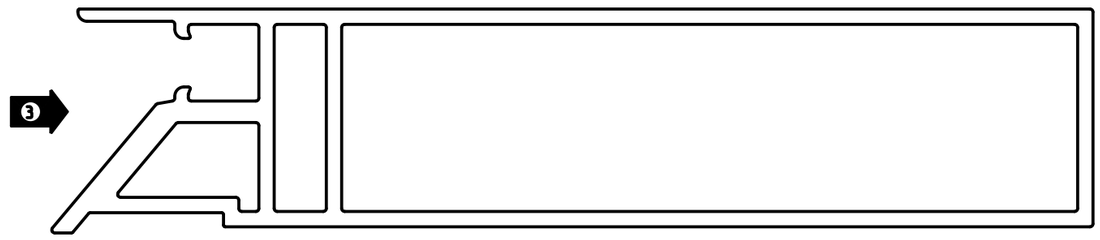
Q02650





1:1



300	350	1.2
250	300	1.0
200	250	0.85
150	200	0.70
100	150	0.50
60	100	0.40
30	60	0.30
-	30	0.20
over	up to	
W		f tol. ±

Convexity - Concavity
EN 12020-2

300	350	1.80	1.80	2.10
240	300	1.50	1.50	1.80
180	240	1.20	1.20	1.50
150	180	1.00	1.00	1.30
120	150	0.80	0.80	1.00
90	120	0.60	0.60	0.80
60	90	0.45	0.45	0.65
45	60	0.40	0.40	0.55
30	45	0.30	0.30	0.45
15	30	0.25	0.25	-
10	15	0.20	0.20	-
-	10	0.15	0.15	-
over	up to		E<60	60<E<120
H		H tol. ±	H tol. ± (open end)	

Dimensions
EN 12020-2

30	40	0.45	0.60	-	-
20	30	0.40	0.50	-	-
15	20	0.35	0.45	1.20	1.50
10	15	0.30	0.40	0.80	1.00
6	10	0.25	0.35	0.60	0.80
3	6	0.20	0.30	0.40	0.60
1.5	3	0.15	0.25	0.25	0.40
-	1.5	0.15	0.20	0.20	0.30
over	up to	D<100	100<D<300	D<100	100<D<300
A, B, C		A tol. ±		B, C tol. ±	

Wall thickness
EN 12020-2

- Dimension Tolernces:
  acc. to EN 12020-2,
  Straightness not greater than 1mm/m
  Distortion not greater than 1mm/m
- Chemical composition:
  acc. to EN 755-2 or GB/T 6892-2006.
- Mechanical Properties:
  $Rp_{0.2}$ >= 110MPa
  Rm >= 160MPa
  A_0 >= 5%
- All radii = R0.5 u.o.n.
- * indicates R0.3

APPLICATION: A0955 Tuvasas EMU	GENERAL TOL: EN 12020-2	FORMAT: A3	3D MODEL: D-2520-041
			MATERIAL: EN AW-AlMg0,7Si / EN-AW-6063-T5 / EN 755-2
			WEIGHT: 3.384 kg/m
			2 : 1

	DATE	NAME
DESIGN	14.11.2018	DKo
CHECK	14.02.2019	BP
APPROVE	14.02.2019	BP
	DE/EN	mm

INDEX	REVISION NUMBER	DATE	NAME
3	CR-EU-220127-02	26.04.2022	DKo
2	CR-EU-191127-02	27.11.2019	DKo

ULTIMATE Transportation Equipment GmbH

BASED ON:

DESCRIPTION: Front profile cross section -

DRAWING NO: D-2520-041 | REV: 3.0 | PAGE: 1 / 1

(REPL. FOR:) (REPL. BY:)