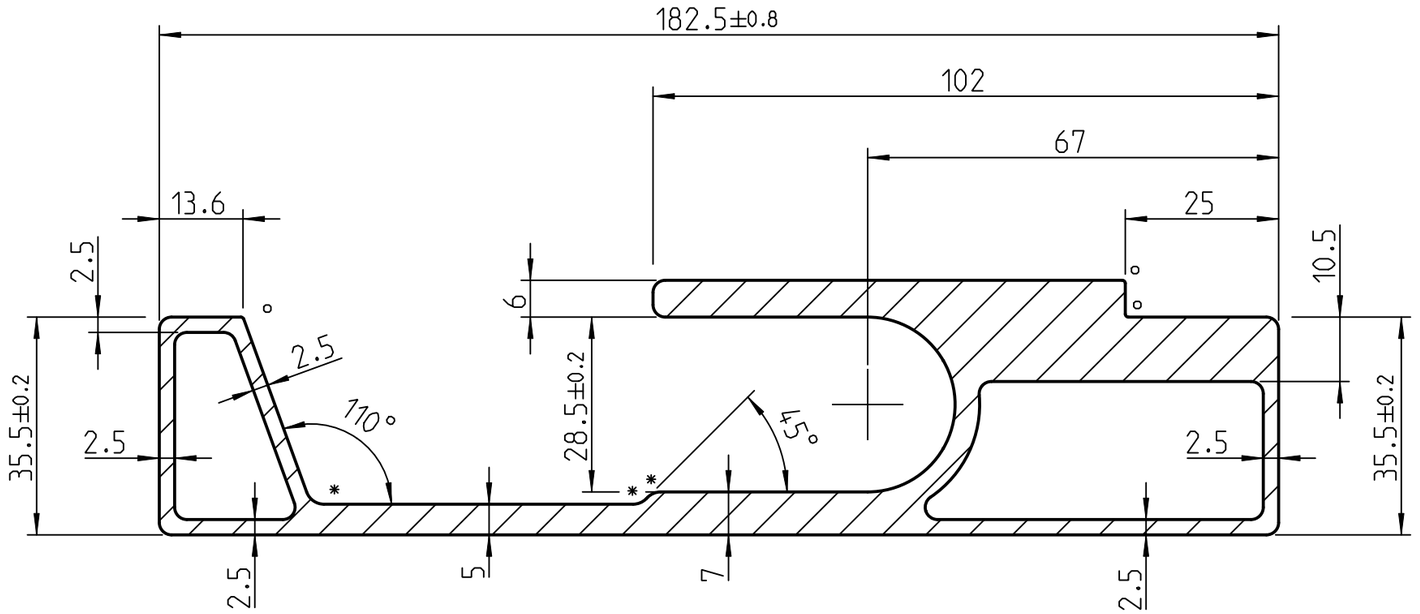
Q02654



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

NOTE:

1. Dimension Tolerances:
   acc. to EN 12020-2
   Straightness not greater than 1mm/m
   Distortion not greater than 1mm/m
2. Chemical composition:
   acc. to EN 755-2 or GB/T 6892-2006
3. Mechanical Properties:
   $Rp_{0.2}$ >= 110MPa
   R_m >= 160MPa
   A_0 >= 5%
4. All radius = R2 u.o.n.
5. * indicates R3
6. ° indicates R0.5

-	-	-	-
INDEX	REVISION NUMBER	DATE	NAME

APPLICATION:	GENERAL TOL	FORMAT	3D MODEL D-2544-062	WEIGHT 6.124 kg/m
A0955 Tuvasas EMU	EN 12020-2	A3	MATERIAL: EN AW-AlMg0,7Si / EN-AW-6063-T5 / EN 755-2	1 : 1

	DATE	NAME
DESIGN	14.11.2018	DKo
CHECK	23.01.2019	BP
APPROVE	23.01.2019	BP
	DE/EN	mm

DESCRIPTION: Guide rail profile cross section
-

ULTIMATE Transportation Equipment GmbH

DRAWING NO	REV	PAGE
D-2544-062	1.0	1 / 1

BASED ON: | (REPL. FOR:) | (REPL. BY:)