Order guide

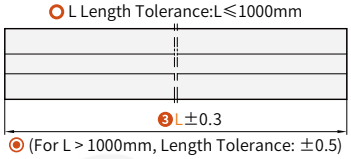
T (Major category) XC (Category) N (Series) - H6 (1 Surface Treatment) - 4545E (2 Specification) - L50 (3 Length) - LA (4 Optional Machining)

◉Please refer to the series code to select the type and parameters for ordering.

Code	Material	Surface Treatment ❶
TXCN-H6	A6063-T5	Natural Sandblasted Anodized Finish
TXCN-H7		Black Sandblasted Anodized Finish

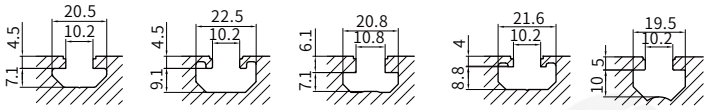
◉The cut surfaces are not surface-treated.
◉Max. usable length: 5800–5850mm;
Standard full-length: 6000–6020mm.
◉Custom surface treatment is available upon request.

○L Length Tolerance:L≤1000mm

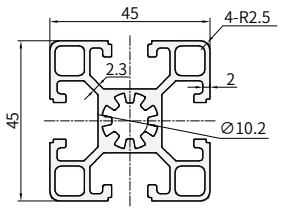


◉(For L > 1000mm, Length Tolerance: ±0.5)

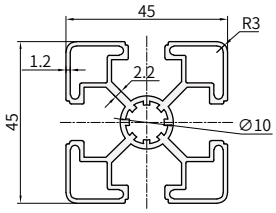
○Slot Detail Drawing



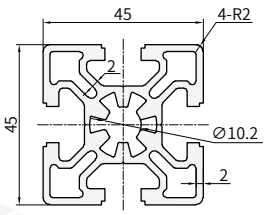
TXCN-H6-4545 (Natural Sandblasted Anodized Finish)



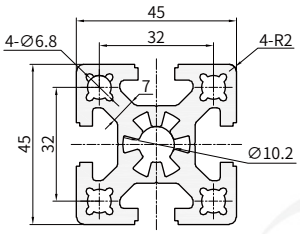
TXCN-H6-4545C (Natural Sandblasted Anodized Finish)
TXCN-H7-4545C (Black Sandblasted Anodized Finish)



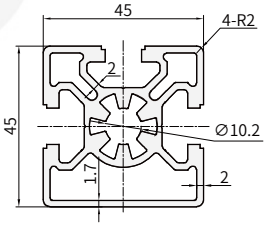
TXCN-H6-4545E (Natural Sandblasted Anodized Finish)
TXCN-H7-4545E (Black Sandblasted Anodized Finish)



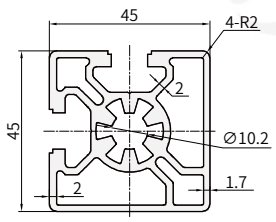
TXCN-H6-4545Y (Natural Sandblasted Anodized Finish)



TXCN-H6-4545A (Natural Sandblasted Anodized Finish)

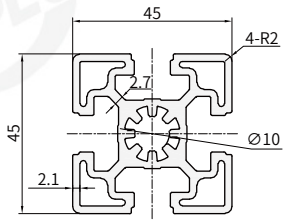


TXCN-H6-4545B (Natural Sandblasted Anodized Finish)

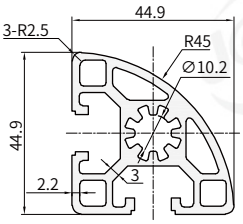


Visual standards: first perspective

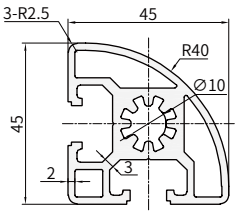
TXCN-H6-4545F (Natural Sandblasted Anodized Finish)



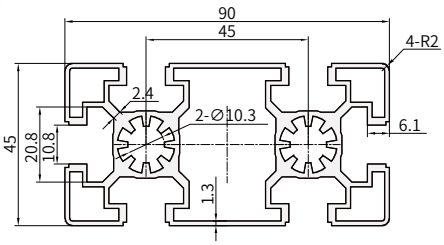
TXCN-H6-4545R (Natural Sandblasted Anodized Finish)



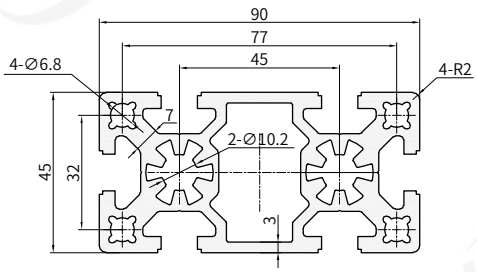
TXCN-H6-4545RC (Natural Sandblasted Anodized Finish)
TXCN-H7-4545RC (Black Sandblasted Anodized Finish)



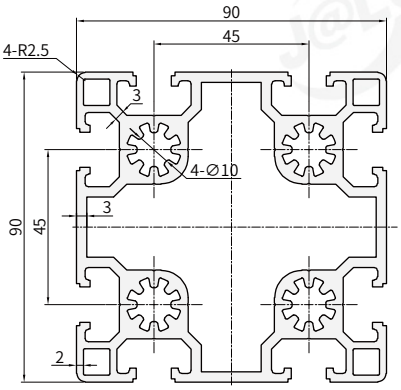
TXCN-H6-4590C (Natural Sandblasted Anodized Finish)



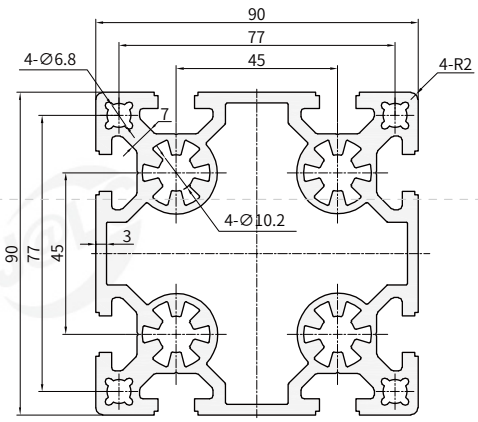
TXCN-H6-4590Y (Natural Sandblasted Anodized Finish)



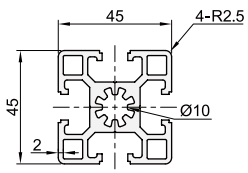
TXCN-H6-9090C (Natural Sandblasted Anodized Finish)



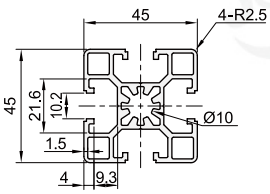
TXCN-H6-9090Y (Natural Sandblasted Anodized Finish)



TXCN-H6-4545K (Natural Sandblasted Anodized Finish)

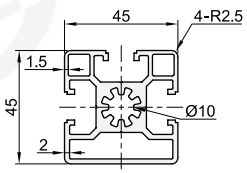


TXCN-H6-4545L (Natural Sandblasted Anodized Finish)

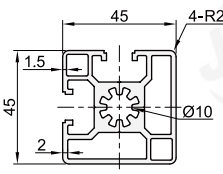


Visual standards: first perspective

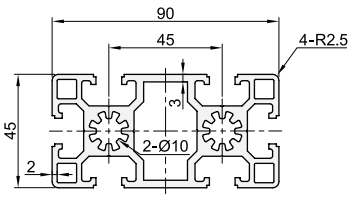
TXCN-H6-4545FA (Natural Sandblasted Anodized Finish)



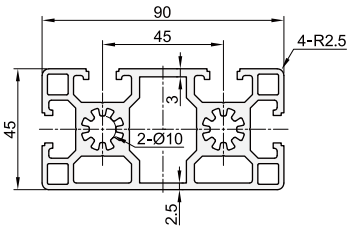
TXCN-H6-4545FB (Natural Sandblasted Anodized Finish)



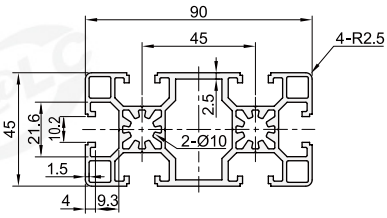
TXCN-H6-4590 (Natural Sandblasted Anodized Finish)



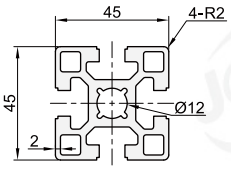
TXCN-H6-4590A (Natural Sandblasted Anodized Finish)



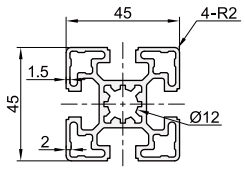
TXCN-H6-4590L (Natural Sandblasted Anodized Finish)



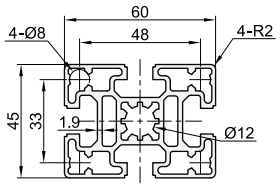
TXCN-H6-H4545 (Natural Sandblasted Anodized Finish)
TXCN-H7-H4545 (Black Sandblasted Anodized Finish)



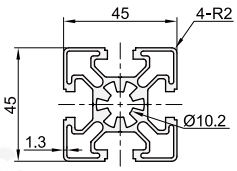
TXCN-H6-H4545C (Natural Sandblasted Anodized Finish)



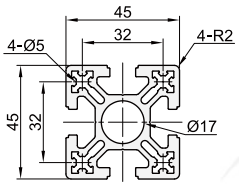
TXCN-H6-H4560 (Natural Sandblasted Anodized Finish)



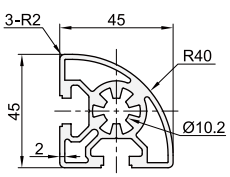
TXCN-H6-4545YC (Natural Sandblasted Anodized Finish)



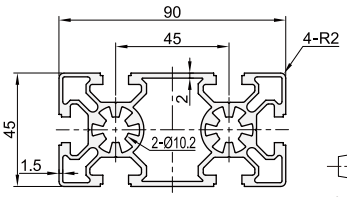
TXCN-H6-4545YF (Natural Sandblasted Anodized Finish)



TXCN-H6-4545YR (Natural Sandblasted Anodized Finish)



TXCN-H6-4590YC (Natural Sandblasted Anodized Finish)



Visual standards: first perspective

Model		L Min. Unit 0.1 ❸	Cross-Sectional Dimensions	Weight (kg/m) (Theoretical Value)	Cross-Sectional Area (mm^2)
Code	Specification ❷				
TXCN-H6 TXCN-H7	4545	50~6000	45×45	1.61	595.7
	4545C*			1.19	440.63
	4545E*			2.08	771.81
	4545F			2.05	749.52
	4545Y			2.57	952.09
	4545A			1.92	710.36
	4545B			1.86	673.96
	4545R			1.66	614.39
	4545RC*			1.73	640.51
	4590L		45×90	2.55	943.03
	4590Y			4.26	1576.42
	9090C		90×90	5.77	2136.32
	9090Y			6.62	2451.13
	4545K		45×45	2.01	730.69
	4545L			1.58	572.25
	4545FA			1.82	659.74
	4545FB			1.86	673.96
	4590		45×90	3.67	1332.02
	4590A			3.76	1365.46
	4590L			2.88	1046.36
	H4545*		45×45	2.35	852.55
	H4545C			1.76	638.05
	H4560		45×60	2.34	850.26
	4545YC		45×45	1.68	610.34
	4545YF			2.28	826.6
	4545YR			1.87	677.66
	4590YC		45×90	3.22	1169.12

Model		Moment of Inertia of Area		Section Modulus in Bending	
Code	Specification ❷	Ix(mm^4)	Iy(mm^4)	Wx(mm^3)	WY(mm^3)
TXCN-H6 TXCN-H7	4545	10.66×10^4	10.66×10^4	4735.33	4735.33
	4545C*	10.66×10^4	10.66×10^4	4735.33	4735.33
	4545E*	14.53×10^4	14.53×10^4	6459.16	6459.16
	4545F	14.17×10^4	14.17×10^4	6297.56	6297.56
	4545Y	18.30×10^4	18.30×10^4	8134.18	8134.18
	4545A	12.98×10^4	13.77×10^4	5454.25	6120.13
	4545B	12.38×10^4	12.38×10^4	5412.44	5412.44
	4545R	10.90×10^4	10.90×10^4	4438.27	4438.27
	4545RC*	10.33×10^4	10.33×10^4	4210.07	4210.07
	4590L	23.70×10^4	91.95×10^4	10296.53	20432.18
	4590Y	32.51×10^4	131.58×10^4	14449.07	29240.98
	9090C	167.04×10^4	167.04×10^4	37119.44	37119.44
	9090Y	224.16×10^4	224.16×10^4	49813.53	49813.53
	4545K	13.69×10^4	13.69×10^4	6083.47	6083.47
	4545L	11.07×10^4	11.07×10^4	4920.89	4920.89
	4545FA	12.16×10^4	11.88×10^4	5298.81	5279.51
	4545FB	12.38×10^4	12.38×10^4	5412.44	5412.44
	4590	26.72×10^4	101.48×10^4	11875.29	22551.18
	4590A	28.36×10^4	103.60×10^4	12604.21	23021.99
	4590L	22.13×10^4	80.27×10^4	9845.78	17837.31
	H4545*	16.30×10^4	16.30×10^4	7244.27	7244.27
	H4545C	12.07×10^4	12.07×10^4	5362.4	5362.4
	H4560	15.99×10^4	27.30×10^4	7103.33	9098
	4545YC	10.66×10^4	10.66×10^4	4735.33	4735.33
	4545YF	17.28×10^4	17.28×10^4	7679.11	7679.11
	4545YR	10.79×10^4	10.79×10^4	4365.69	4365.69
	4590YC	23.17×10^4	91.95×10^4	10296.53	20432.18

◉ TXCN-H7 is Applicable Only to * Specifications.
◉ There may be a slight difference between the actual weight and the theoretical weight, primarily due to factors such as manufacturing processes and packaging materials