



E - CATALOG

ALUMINUM

CATHAY

THANK YOU
FOR INQUIRY



Cathay is the cleanest, most beautiful, and the only one that gives me the most confidence among all the aluminum profile factories I have visited.

--Alano Smith





Let me tell you 3 characteristics of successful aluminum profile manufacturer

1

Business principle of "integrity,responsibility,persistence and friendliness" .

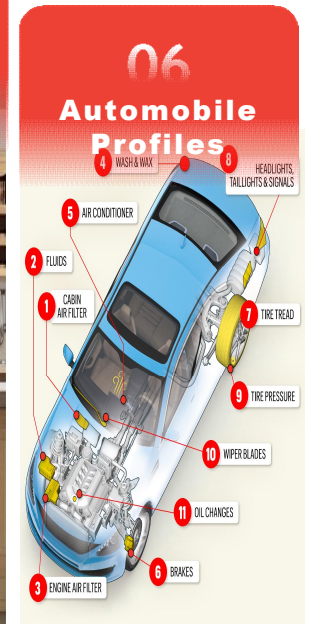
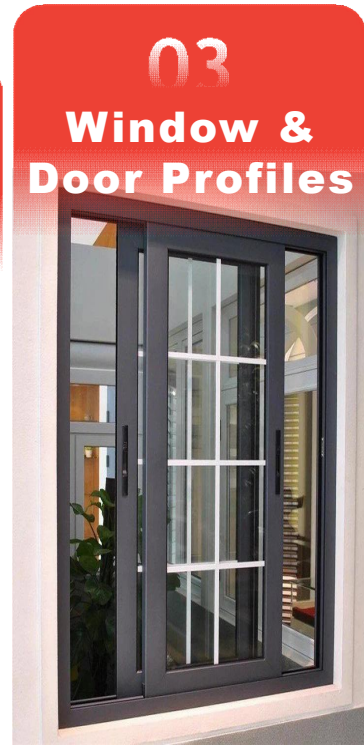
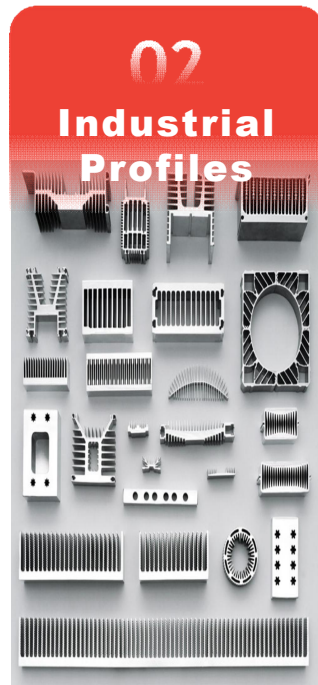
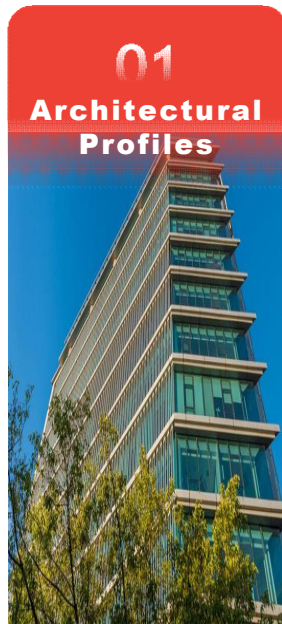
2

Service concept of "customer first !"

3

Self management of strict raw material controlling and fast delivering.

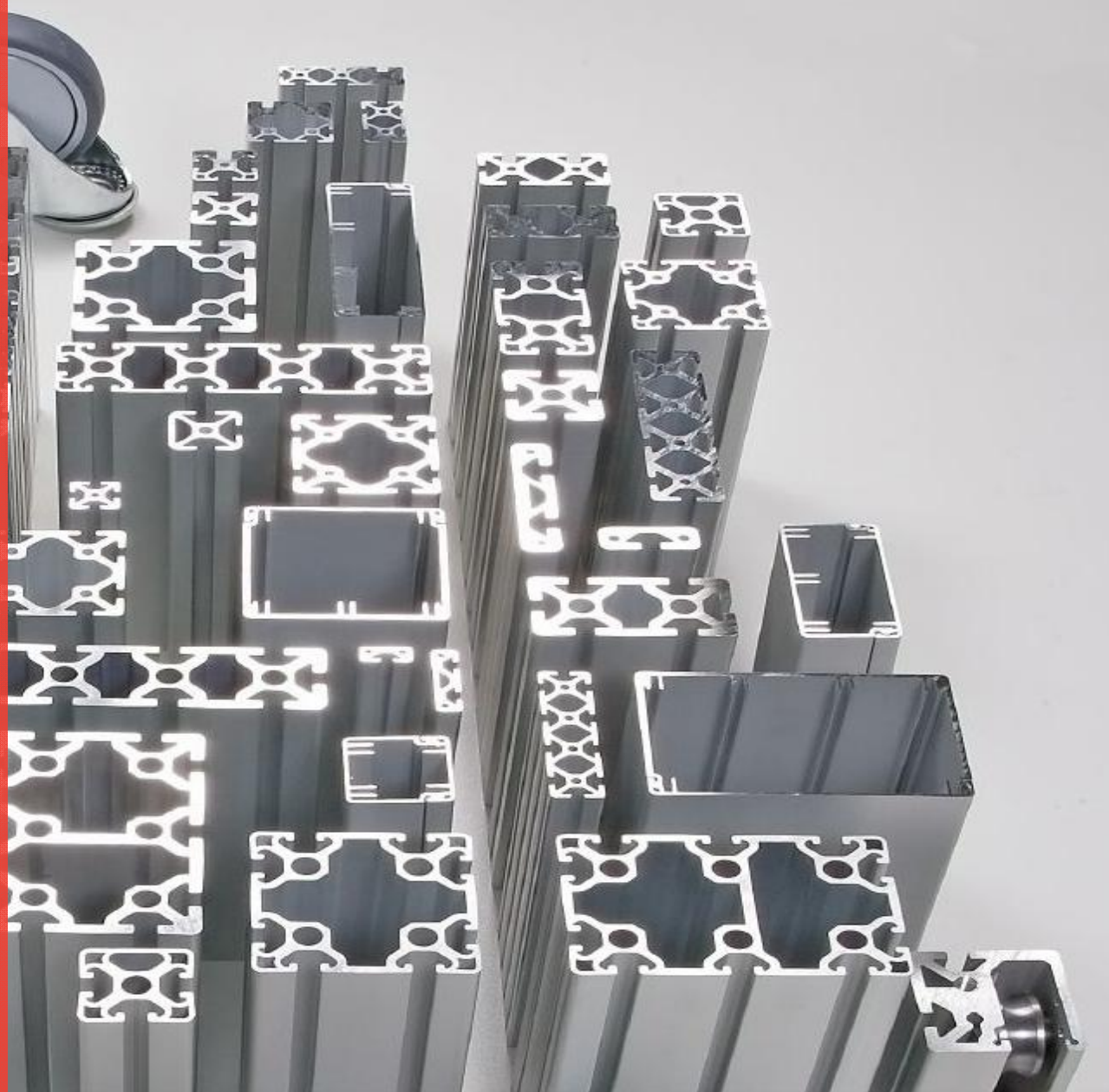
WHAT CAN WE PROVIDE FOR YOU ?



ODM / OEM

**I have 4 suppliers in
China. For urgent orders,
I can only trust CATHAY.
His sense of
responsibility has never
let me down.**

... Luís Roberto





YOU HAVE GREAT IDEAS , WE MAKE THEM HAPPEN.

**SAMPLES
EXPRESS**

**CAD
DRAWING**

**IDEAS
ONLY**

3D

Furniture Profiles



Window & Door Profiles



CATHAY AL's products are completely beyond my expectations. From the first cooperation to now, my biggest feeling is "you don't need to worry too much about their quality, they value it more than me."

...

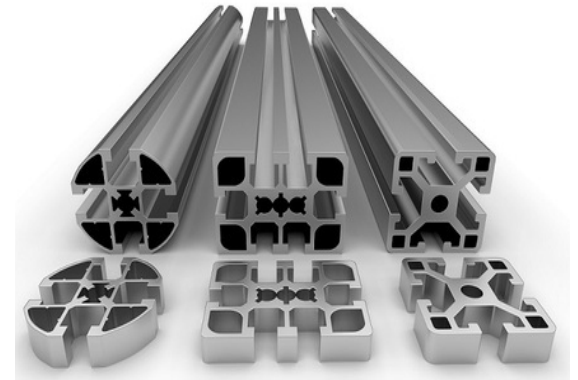
■ --- Real feedback from wholesaler customers

Hassan · Laila

Industrial Profiles

This is the quality responsible person among all my suppliers, highly recommended and trustworthy.

--- SIMON



Vehicle Profiles



Aluminum alloys are widely used in aerospace and are known as "flying metals".



Urban rail transit

High speed rail



New energy vehicles

Logistics vehicle, bus, semi-trailer, coal truck, tanker

Refrigerated container field

Architectural Profiles

Unexpectedly, Cathay helped me solve everything from aluminum materials to doors and windows, allowing my new house to be completed on schedule. The children love their new home very much.

... Susan



The sincerity of this supplier has completely gained my trust. I will not leave him because of the price, because I know that his quality will make more profits for me.

... Pushkin

HOW TO PRODUCE YOUR ORDER ?

MOLD MAKING

Quickly match your own mold or create for you, we will use the fastest time to prepare, and will be on the machine sample for you to confirm.

INSPECTION AND SHIPPMENT

Before shipment, you can ask us for a total production video or tripartite inspection at any time. As long as you have the shipping time, we will ensure that it is ready before the time.



PROFILE EXTRUSION

Once the sample is confirmed by you, we will arrange extrusion and aging as soon as possible to ensure that the quality of the billet products exceeds your expectations.

SURFACE TREATMENT

According to your surface treatment requirements for spraying and packaging, hourly sampling and testing, to ensure the best product quality in the line.

WHAT HAPPENS TO YOUR MOLD ?

01

According to your drawings or concepts, we will produce the mold within a week and conduct trial molds and samples.

02

After you confirm the sample, we will repeatedly maintain and maintain the mold for you during the mass production process to achieve the best use effect and maximum service life of the mold.

03

After repeated production, we will repair the mold for you free of charge according to the degree of wear of the mold. Until it is no longer worth repairing, we will communicate with you and confirm before scrapping it.

OUR ADVANTAGES

YOU HAVE GREAT IDEAS, OUR GOAL IS TO MAKE THEM HAPPEN.

**Live video factory
inspection is allowed**

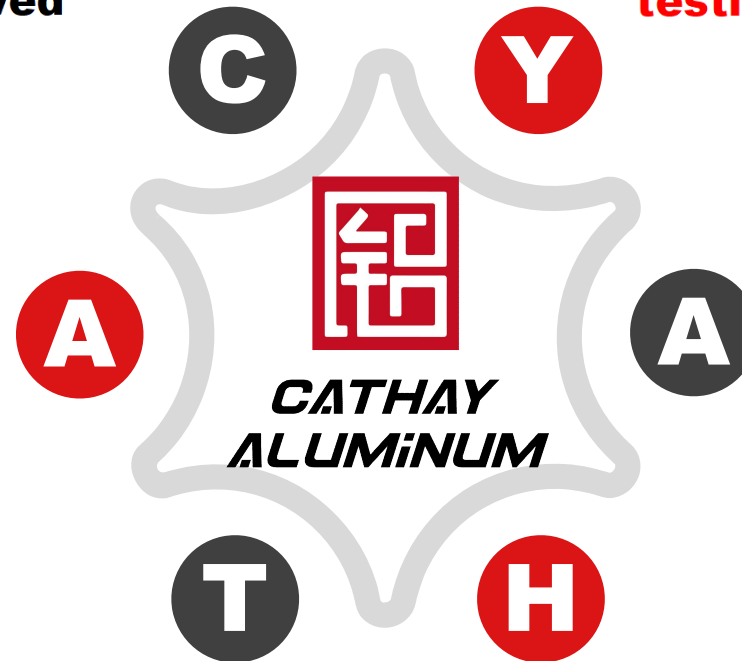
**Third party inspection
testing is allowed**

**Product quality is strictly
guaranteed**

**FAST delivery is kindly
guaranteed**

**WIN-WIN Cooperation
attitude**

**Professional design for your
service**





Round Tubes

[illegible]

Contact us for more custom sizes!



CATHAY
ALUMINUM

Shandong Cathay Aluminum CO., LTD.

Rectangular Tubes

Model Number	Size (mm)	Wall Thickness (mm)	Weight (kg/m)
FG12X7-1.0	12X7	1.0	0.092
HA-010	15.4X10.1	0.85	0.109
FG1515	15X15	1.1	0.161
FG16X16-1.9	16X16	1.9	0.29
FG20X10-1.5	20X10	1.5	0.22
FG20X20-1.2	20X20	1.2	0.245
FG20X20-1.5	20X20	1.5	0.3
FG20X20-1.9	20X20	1.9	0.373
FG20X20-2.0	20X20	2.0	0.39
FG22X22-1.5	22X22	1.5	0.333
FG25X25-1.5	25X25	1.5	0.382
FG25X25-2.0	25X25	2.0	0.499
FG29X17-2.0	29X17	2.0	0.455
FG20X30-1.2	30X20	1.2	0.31
LDFG20X30	30X20	1.2	0.31
FG30X23-2.0	30X23	2.0	0.531
HYGS-01	35X25	1.2	0.433
FG30X30-1.5	30X30	1.5	0.463
XCSL09	37X31	0.8	0.287
FG38X25-0.8	38X25	0.8	0.266
25X38	38X25	1.0	0.332
FG38X25-1.2	38X25	1.2	0.394
SM38X38	38X38	1.2	0.401
FG40X20-0.9	40X20	0.9	0.284

Model Number	Size (mm)	Wall Thickness (mm)	Weight (kg/m)
FG4020	40X20	1.0	0.375
FG40X20-1.2	40X20	1.2	0.375
FG40X20-1.5	40X20	1.5	0.463
FG40X20-1.8	40X20	1.8	0.55
FG40X20-2.0	40X20	2.0	0.607
FG40X25-2.0	40X25	2.0	0.661
FG40X30-1.2	40X30	1.2	0.438
FG40X30-2.0	40X30	2.0	0.715
FG40X40	40X40	0.8	0.341
000400401203	40X40	1.2	0.505
FG40X40-2.0	40X40	2.0	0.824
FG40X40-3.0	40X40	3.0	1.203
FG42X42-2.0	42X42	2.0	0.864
FG5020	50X20	1.2	0.44
FG50X20-1.5	50X20	1.5	0.545
FG50X25-0.85	50X25	0.85	0.338
FG50X25-1.0	50X25	1.0	0.396
FG50X25-1.2	50X25	1.2	0.472
FG50x25-1.4	50X25	1.4	0.548
FG50X25-2.0	50X25	2.0	0.77
FG5030	50X30	1.05	0.443
FG50X30-1.2	50X30	1.2	0.505
FG5050-0.8	50X50	0.8	0.427
LDFG50X50	50X50	1.2	0.635

Contact us for more custom sizes!



**CATHAY
ALUMINUM**

Shandong Cathay Aluminum CO., LTD.

Rectangular Tubes

Model Number	Size (mm)	Wall Thickness (mm)	Weight (kg/m)
G50X50	50X50	1.4	0.738
LDFG50X50-1.5	50X50	1.5	0.786
FG50X50-1.8	50X50	1.8	0.94
FG50X50-2.8	50X50	2.8	1.433
FG50X50-3.0	50X50	3.0	1.528
FG50X50-4.0	50X50	4.0	1.995
FG6040	60X40	1.4	0.583
FG6040-1.5	60X40	1.5	0.789
FG60X40-2.5	60X40	2.5	1.287
FG6060	60X60	1.1	0.702
FG60X60-1.4	60X60	1.4	0.886
FG60X60-2.0	60X60	2.0	1.257
FG70X10-1.0	70X10	1.0	0.421
FG70X10-1.2	70X10	1.2	0.5
FG70X20-1.5	70X20	1.5	0.707
FG76X25-1.2	76X25	1.2	0.639
FG76X44-1.0	76X44	1.0	0.64
FG76X44-2.0	76X44	1.95	1.227
FG20X80	80X20	1.5	0.789
FG8020A-1.5	80X20	1.5	0.858
FG80X25-1.2	80X25	1.2	0.665
FG80X40-1.8	80X40	1.8	1.131
FG80X44-1.4	80X44	1.4	0.916
FG80X80-1.8	80X80	1.8	1.526

Model Number	Size (mm)	Wall Thickness (mm)	Weight (kg/m)
FG80X80-2.0	80X80	2.0	1.691
FG80X80-3.0	80X80	3.0	2.495
FG86X45	86X45	1.4	0.973
DTFG9001	90X40	1.4	1.38
FG90X40-1.2	90X40	1.2	0.83
FG90X60-1.4	90X60	1.4	1.113
FG100X20-2.0	100X20	2.0	1.257
FG100X25-1.2	100X25	1.2	0.794
FG100X44-1.2	100X44	1.2	0.921
FG100X44-1.4	100X44	1.4	1.071
G100X44	100X44	1.85	1.492
100X44	100X44	1.95	1.481
FG100X50-1.0	100X50	1.0	0.802
FG10050	100X50	1.3	1.04
FG100X50-1.5	100X50	1.5	1.195
FG100X50-2.0	100X50	2.0	1.583
FG100X50-3.0	100X50	3.0	2.341
FG100X50-4.0	100X50	4.0	3.079
FG100X60-2.0	100X60	2.0	1.691
FG100X65-2.5	100X65	2.5	2.16
FG100X100-1.0	100X100	1.0	1.073
FG100X100-1.2	100X100	1.2	1.285
FG100X100-1.4	100X100	1.4	1.496
FG100X100-2.0	100X100	2.0	2.125

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Rectangular Tubes

Model Number	Size (mm)	Wall Thickness (mm)	Weight (kg/m)
FG100X100-2.2	100X100	2.2	2.332
FG100X100-3.0	100X100	3.0	3.154
FG100X100-4.0	100X100	4.0	4.163
FG110X110-2.0	110X110	2.0	2.341
FG120X20-1.0	120X20	1.0	0.748
FG120X25-1.1	120X25	1.1	0.851
FG120X30-1.5	120X30	1.2	0.96
DTFG12001	120X40	1.4	1.63
G120X44	120X44	2.0	1.734
FG120X50-1.4	120X50	1.4	1.269
FG120X50-2.0	120X50	2.0	1.799
FG120X60-1.2	120X60	1.2	1.155
FG120X60-2.0	120X60	2.0	1.908
FG120X60-3.0	120X60	3.0	2.829
FG120X80-2.0	120X80	2.0	2.125
FG120X120	120X120	2.0	2.558
FG120X120-3.0	120X120	3.0	3.805
FG130X50-1.9	130X50	1.9	1.815
FG140X140	140X140	1.7	2.54
FG150X20-1.5	150X20	1.5	1.358
FG150X30-1.4	150X30	1.4	1.345
FG150X40-1.5	150X40	1.5	1.52
FG150X50-1.4	150X50	1.4	1.496
FG150X50-2.0	150X50	2.0	2.125

Model Number	Size (mm)	Wall Thickness (mm)	Weight (kg/m)
FG150X50-3.0	150X50	3.0	3.154
FG150X60-1.5	150X60	1.5	1.683
FG150X75-2.0	150X75	2.0	2.396
FG150X80-2.0	150X80	2.0	2.45
FG150X100-2.0	150X100	2.0	2.66
FG150X100-3.0	150X100	3.0	3.953
FG150X150-1.8	150X150	1.8	2.892
FG150X150-2.5	150X150	2.5	3.997
FG150X150-3.0	150X150	3.0	4.78
FG160X80-1.8	160X80	1.8	2.306
FG200X20-1.8	200X20	1.8	2.111
FG200X20-2.0	200X20	2.0	2.341
FG200X40-1.8	200X40	1.8	2.306
FG200X50-1.8	200X50	1.8	2.404
FG200X80-2.0	200X80	2.0	2.992
FG200X100-1.8	200X100	1.8	1.892
FG200X100-2.5	200X100	2.5	3.997
FG200X100-3.0	200X100	3.0	4.78
FG200X150-2.5	200X150	2.5	4.675
FG200X200	200X200	2.9	6.173
FG250X100-2.8	250X100	2.8	5.226
FG300X50-2.35	300X50	2.35	4.398
FG300X50-2.5	300X50	2.5	4.675
FG300X50-3.0	300X50	3.0	5.593

Contact us for more custom sizes!



**CATHAY
ALUMINUM**

Shandong Cathay Aluminum CO., LTD.

Rectangular Tubes

Model Number	Size (mm)	Wall Thickness (mm)	Weight (kg/m)
FG300X100-2.5	300X100	2.5	5.352

Model Number	Size (mm)	Wall Thickness (mm)	Weight (kg/m)
FG300X100-3.0	300X100	3.0	6.406

Contact us for more custom sizes!



**CATHAY
ALUMINUM**

Shandong Cathay Aluminum CO., LTD.

Angle Aluminum

Model Number	Size (mm)	Wall Thickness (mm)	Weight (kg/m)
JL15X15-2.0	15X15	2.0	0.149
JL18X8	18X8	2.0	0.13
JL20X20-2.0	20X20	2.0	0.206
JL2020	20X20	1.9	0.195
PLWY-22	28X15	2.0	0.222
JL3015	30X15	2.6	0.298
LDJL30X20	30X20	1.75	0.26
JL3020	30X20	2.0	0.26
LDPC2030	30X20	2.95	0.376
JL30X20-3.0	30X20	3.0	0.382
JL29X29	29X29	2.8	0.42
JL30X30-1.8	30X30	1.8	0.284

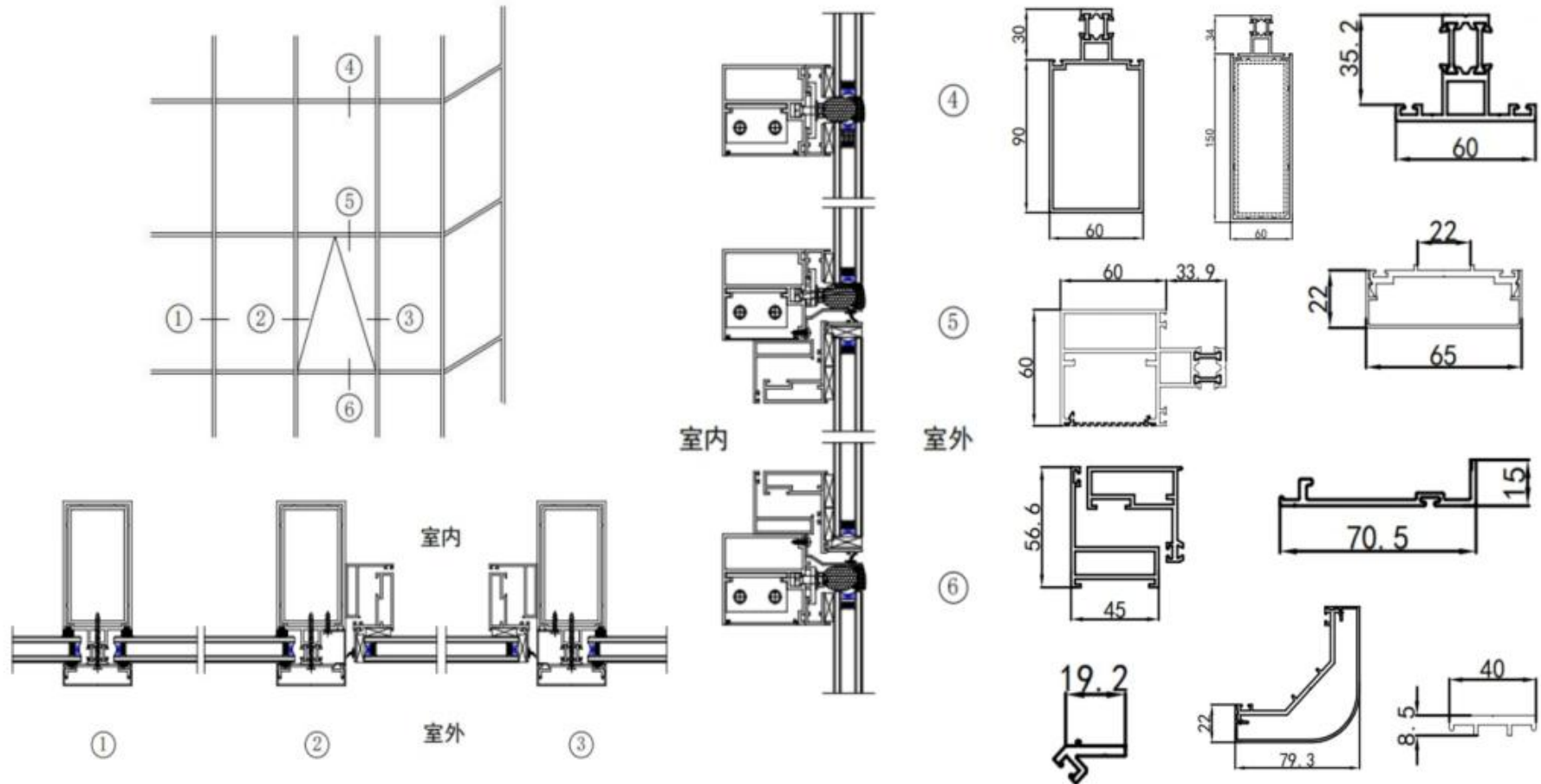
Model Number	Size (mm)	Wall Thickness (mm)	Weight (kg/m)
PCL3030-2.0	30X30	2.0	0.313
JL30X30	30X30	2.4	0.375
JL30X30-3.0	30X30	3.0	0.463
JL3520	35X20	2.5	0.342
JL35X25-3.5	35X25	3.5	0.536
JL35X27-4.0	35X27	4.0	0.629
JL40X20-2.0	40X20	2.0	0.314
JL40X30-4.0	40X30	4.0	0.715
JL40X40	40X40	2.5	0.523
JL50X18-3.0	50X18	3.0	0.528
JL50X30-2.5	50X30	2.5	0.525
JL65X20	65X20	2.0	0.45

Contact us for more custom sizes!



Shandong Cathay Aluminum CO., LTD.

Aluminum Curtain Wall Profiles



Contact us for more other and custom sizes!



Aluminum Casement Window Profiles

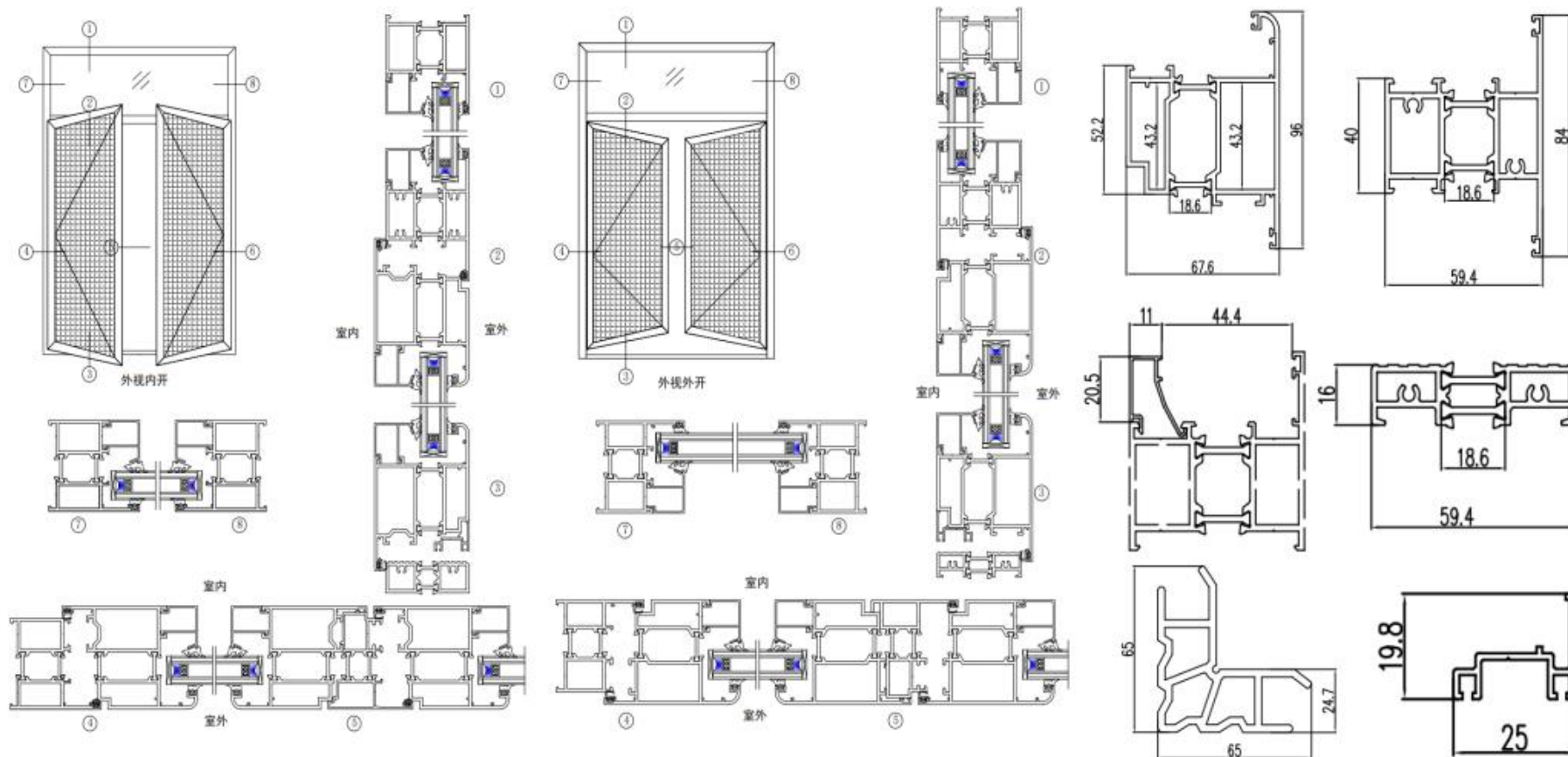




**CATHAY
ALUMINUM**

Shandong Cathay Aluminum CO., LTD.

Aluminum Casement Door Profiles



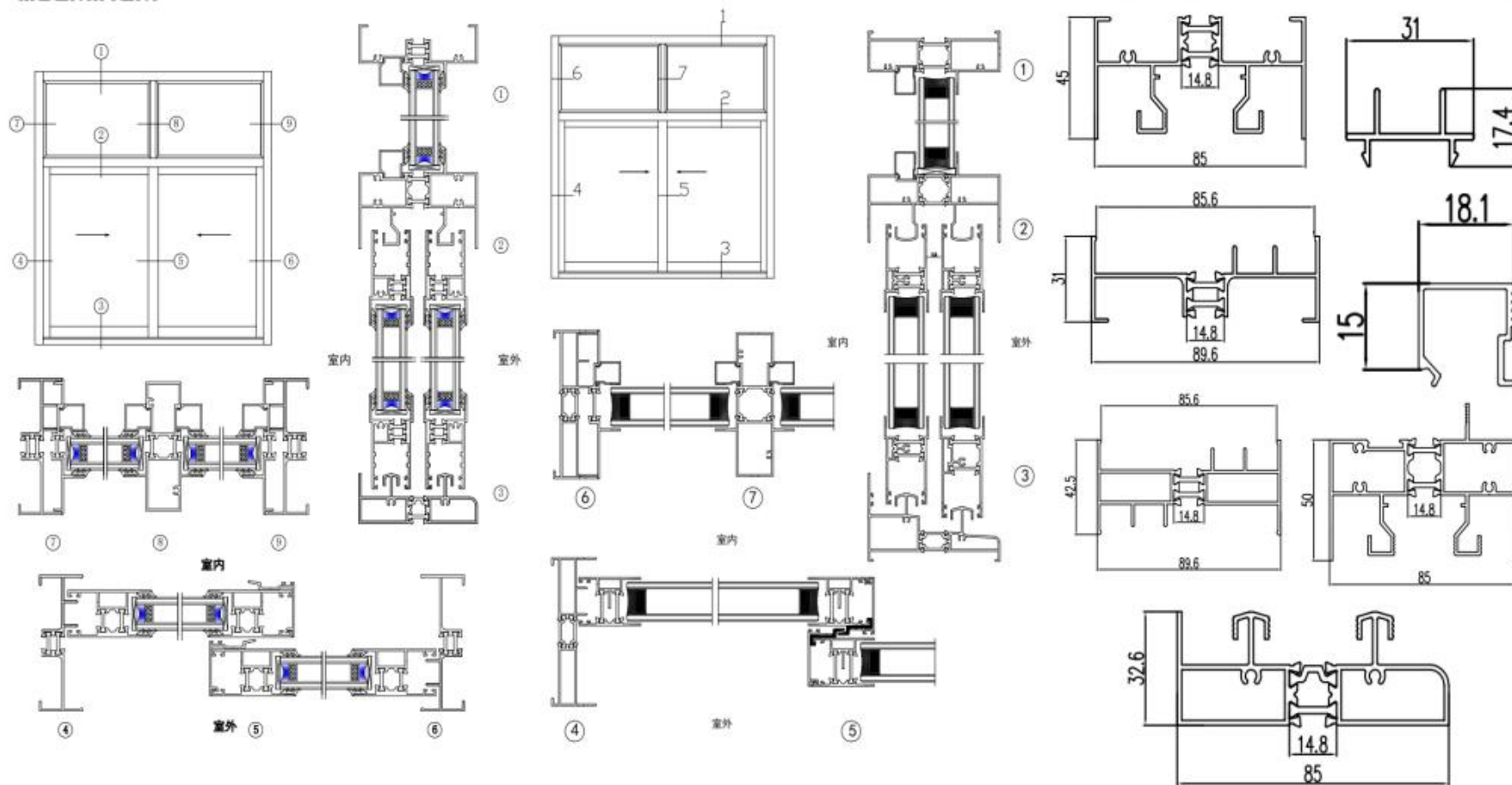
Contact us for more other and custom sizes!



**CATHAY
ALUMINUM**

Shandong Cathay Aluminum CO., LTD.

Aluminum Sliding Window Profiles

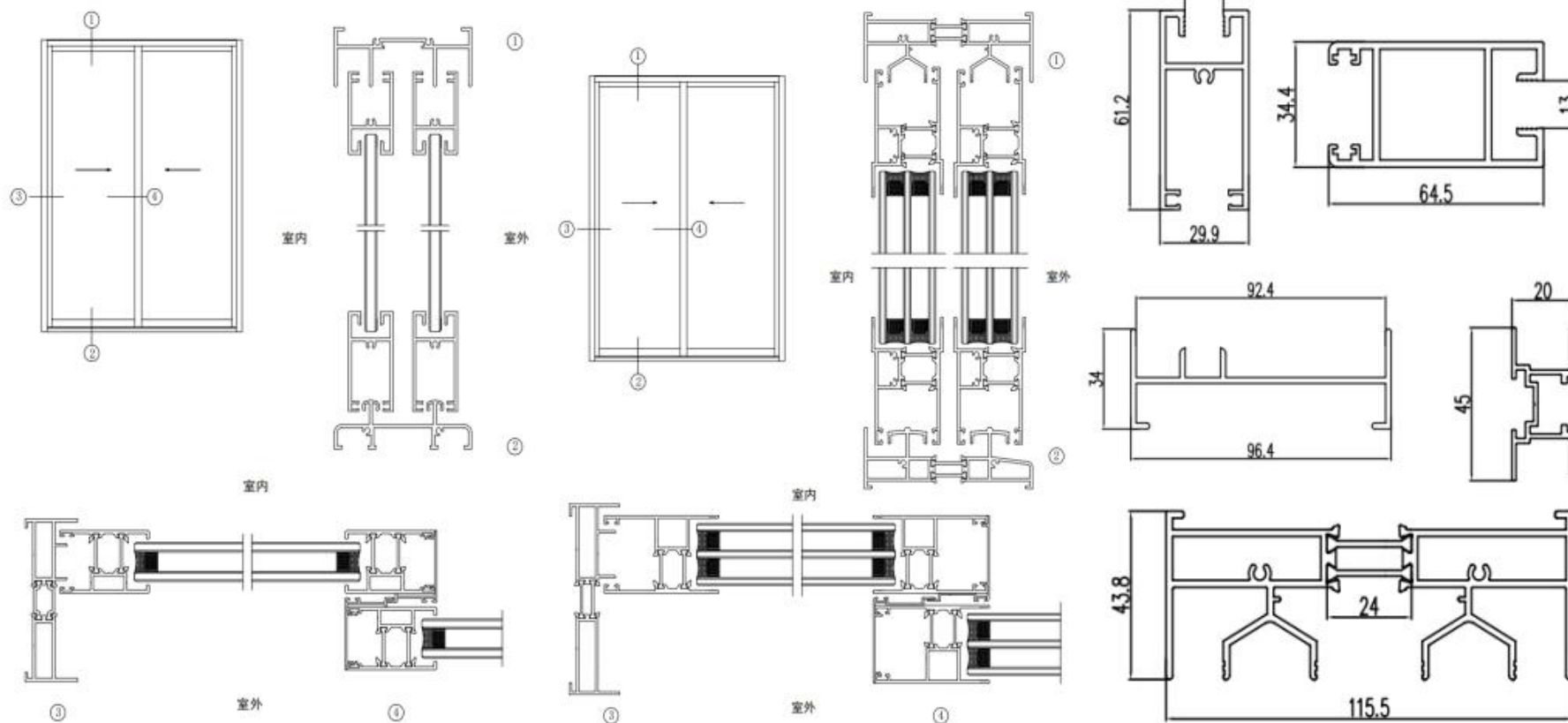


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Shandong Cathay Aluminum CO., LTD.

Aluminum Sliding Door Profiles

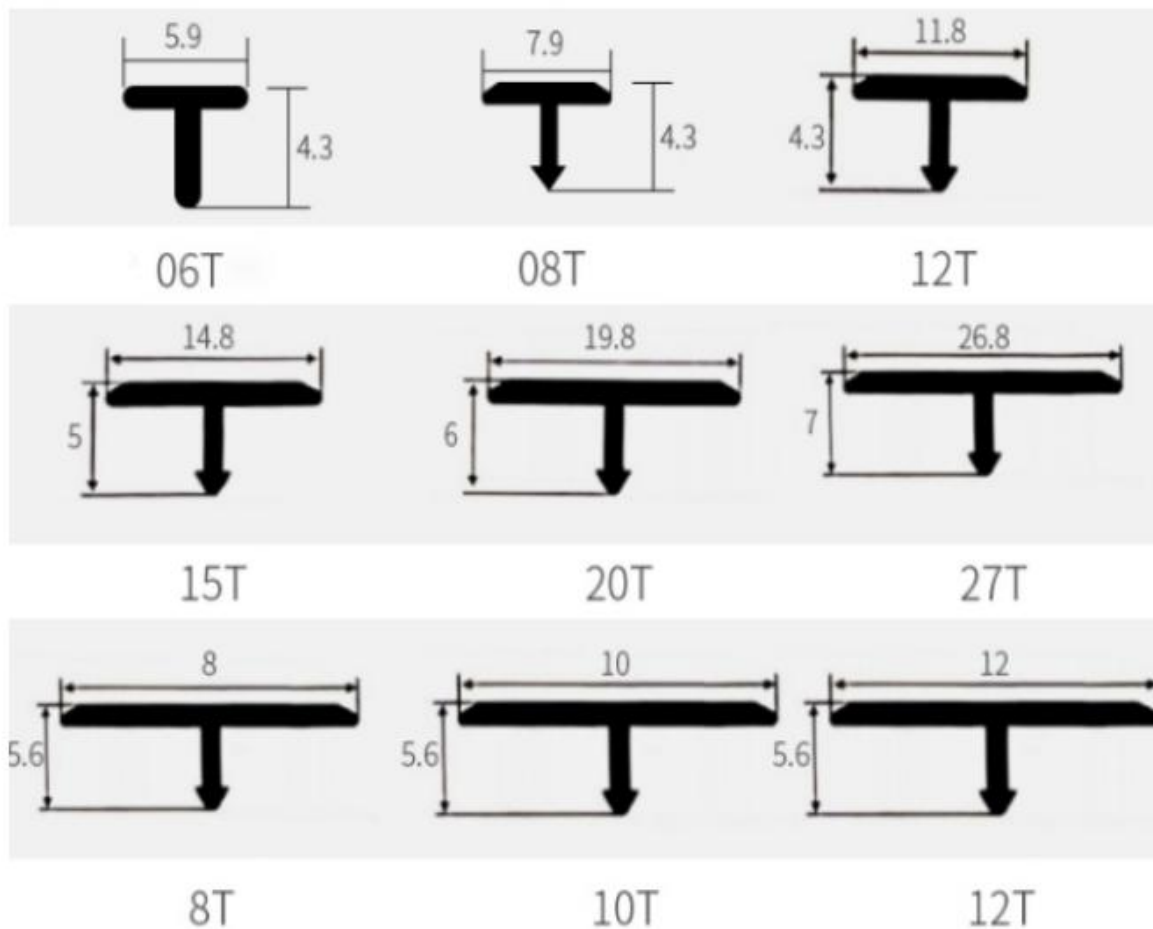


Contact us for more other and custom sizes!



Shandong Cathay Aluminum CO., LTD.

Aluminum T-Channel Profiles



Contact us for more other and custom sizes!

**THANK YOU FOR
YOUR PATIENCE
AND LOOK FORWARD
TO YOUR INQUIRY.**

