

Professional Aluminum
Manufacturer



Aluminum profile

(For South American Market)

Wise Build Enterprise Limited

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广东智建物资有限公司

Wise Build Enterprise Limited

WISEBUILD

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COMPANY INTRODUCTION

Wise Build Enterprise Limited is a professional manufacturer and supplier of aluminum and glass system located in GuangDong,China.Main products cover from aluminum extrusion,aluminum window and door system,window decor system,etc.

Aluminum extrusion is the very basic and initial product in Wise Build developing history,through years accumulating abundant experience,as well as diverse window and door systems for different markets.We are also one of those responsible suppliers who insist on high quality aluminum material and surface treatment to assure the excellent processability and durability in long term.

Currently we have 17 extruding presses,2 anodizing lines,2 powder coating lines,one of which is vertical Italia techonology.70% of the output is for architectural applications,to supply wisebuild window and door sector as well as the wide market from both local and abroad.

Wise Build successfully introduced high performance aluminum window and door system into the market and highly recognized.We provide large scale of OEM production and service to customers from all over the world with good reputation,such as southeast Asia,Middle east,South America,Africa,etc.

Since 2007,Wise build implemented the production of aluminum coil and sheet to suit a broad ranme of manufacturing,transportation and industrial applications.We supply an array of gauges,widths,finishes and alloys for every raw or painted material requirement.Most 1***,3*** and 5*** series alloys used in building section are available.

Wise build,help you build wisely!

EXTRUSION PRODUCTION CENTER



Extruding press

Anodizing line

Powder coating line

QUALITY INSPECTION CENTER



Composition inspection Lab



DBLF

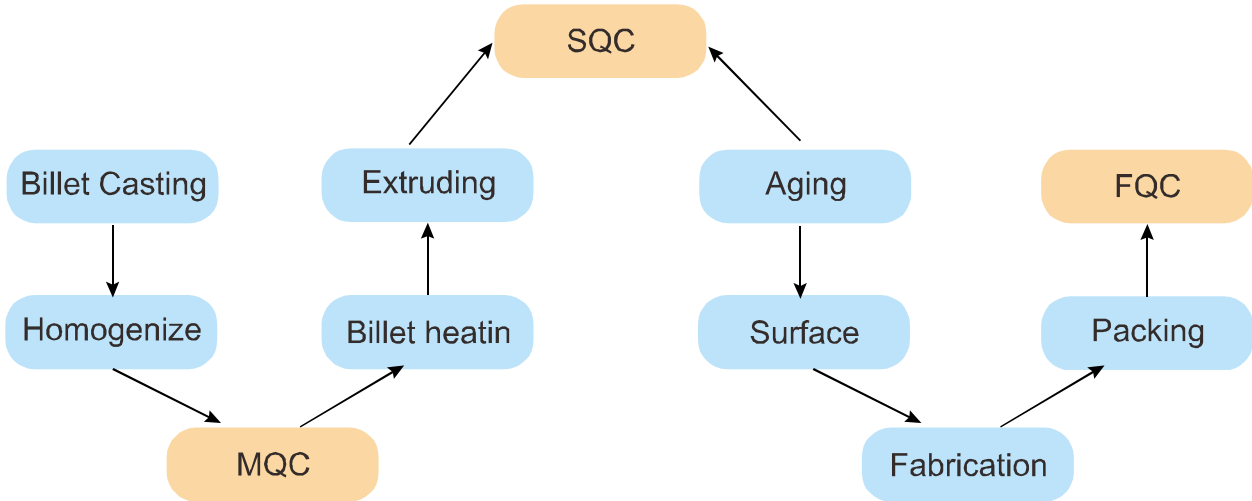


Inspection 3



Total aluminum X-Ray Analyzer

QUALITY INSPECTION PROCESS



Aluminum Extrusion

Finish & Temper

Standard finish

Mill finish

Finish of aluminum itself,with a natural anodic layer formed in the air,ready for further surface treatment

Anodizing

Through an electrical-chemical process to thicken the natural anodic layer on the surface of aluminum, available in different colors,including natural,champagne,bronze,black,golden,etc.

Eletrophoresis

Base on anodized process,an extra transparent film is formed to make the surface clearer and look bit of shining,with very good corrosion resistance.

Powder coating

The powdered paint is electrostatically charged and sprayed onto the part,to form a thick layer to protect the surface.with very good corrosion resistance

Wooden finish

New technology in finishing to form a texture look like real wood.Handtouch or film transferring are both available

Buffing

By mechanical buffing to form mirror like finish,suitable for decorative application

Temper Designation

| | |
|----|---|
| F | As extruded,No special control over thermal conditions or strain-hardening; no mechanical property limits |
| T1 | Cooled from an elevated temperature and naturally aged |
| T4 | Solution heat-treated and naturally aged. |
| T5 | Cooled from an elevated temperature and artificially aged. |
| T6 | Solution heat-treated (which may be accomplished for some alloys in-line at the extrusion press) and artificially aged. |

MAIN ALLOY FOR CONSTRUCYION ALUMINUM PROFILE

Extruded Aluminum-Alloy 6063

Description of alloy

— Alloy 6063,one of the most popular alloys in the 6*** series,provides good extrudability and a high quality surface finish.This alloy is often used for electrical application also in the T5 and T6 condicions due to its good electrical conductivity.

Typical applications for alloy 6063

- *Architectural and building products
- *Door and window frames
- *Electrical components and conduit
- *Railing and furniture
- *Pipe and tube for irrigation systems
- *Heatsinks

Chemical composition

| Element(%) | Alloy |
|------------|----------------|
| | 6063 |
| Silicon | 0.20-0.60 |
| Iron | 0.35(max) |
| Copper | 0.1(max) |
| Manganese | 0.10(max) |
| Magnesium | 0.45-0.9 |
| Chromium | 0.1(max) |
| Zinc | 0.1(max) |
| Others | 0.05(max).each |
| | 0.15(max.total |
| remainder | aluminum |

Extruded mechanical properties

| Property | Alloy-6063 | |
|-------------------|------------|-----|
| | Temper | |
| | T5 | T6 |
| TS σb/MPA(Typ) | 185 | 240 |
| YS σ0.2/MPA (min) | 110 | 170 |
| Elongation% (min) | 8 | 8 |

Extruded Aluminum-Alloy 6061

Description of alloy

Alloy 6061 is one of the most widely used alloys in the 6*** series, this well proven dedium strength structural alloy satisfies the requirements of a number of specifications.

Typical applications for alloy 6061

- *Transportation components

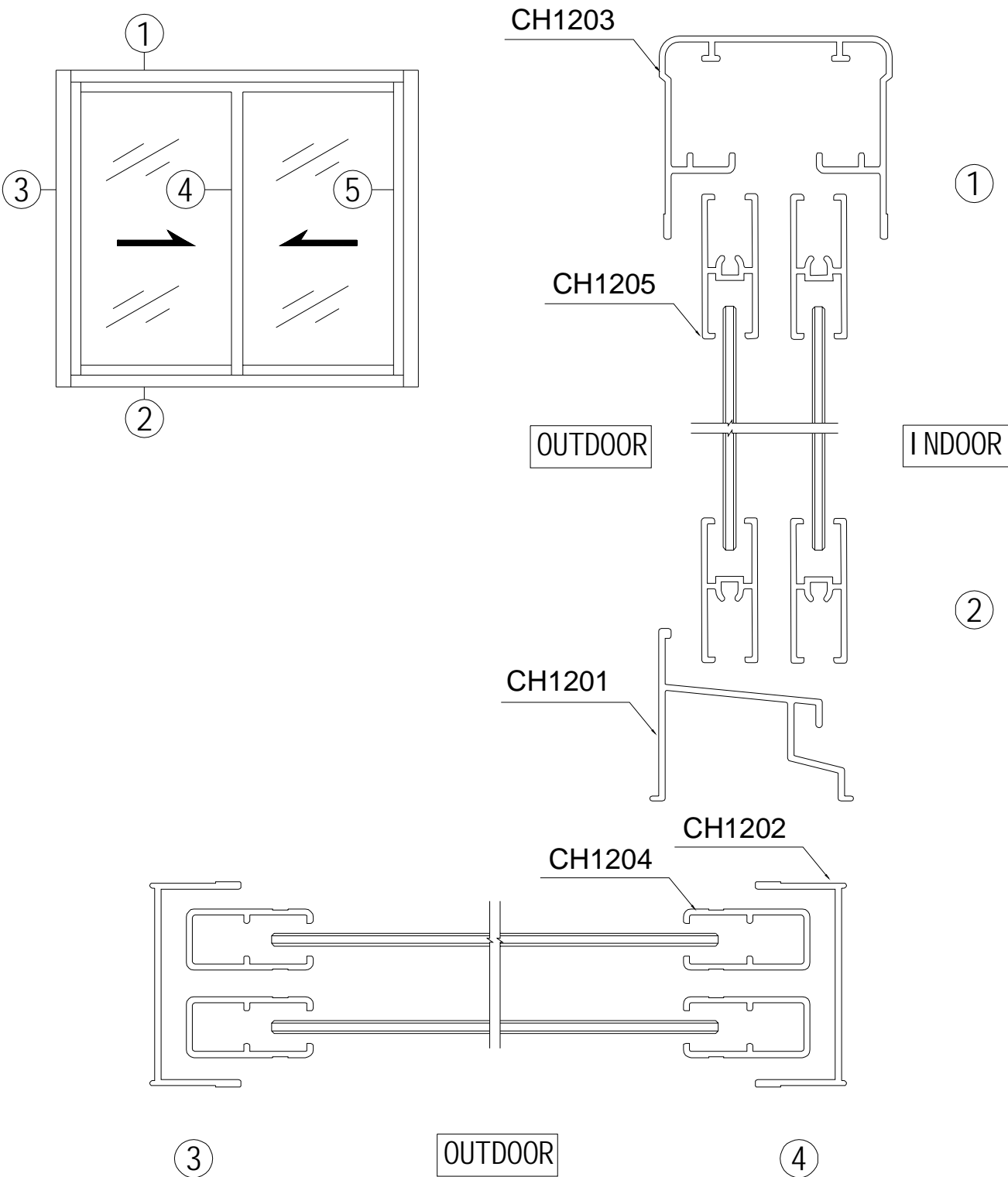
*Machinery and equipment
- *Recreation products

*Consumer durables

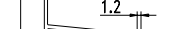
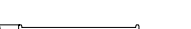
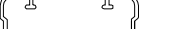


| Element(%) | Alloy | |
|------------|-----------------|--|
| | 6063 | |
| Silicon | 0.4-0.8 | |
| Iron | 0.7(max) | |
| Copper | 0.15-0.40 | |
| Manganese | 0.15(max) | |
| Magnesium | 0.8-1.2 | |
| Chromium | 0.04-0.35 | |
| Zinc | 0.25(max) | |
| Others | 0.05(max).each | |
| | 0.15(max).total | |
| Remainder | aluminum | |

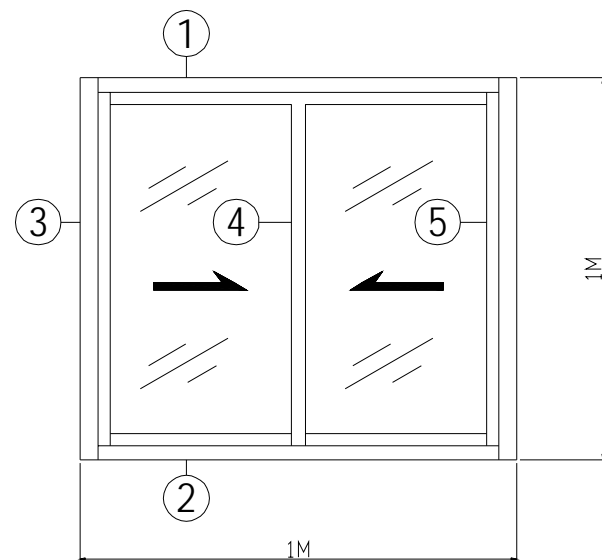
| Property | Alloy-6061 | |
|-------------------|------------|-----|
| | Temper | |
| | T4 | T6 |
| YS σb/MPA (Typ) | 240 | 310 |
| YS σ0.2/MPA (min) | 110 | 240 |
| Elongation% (min) | 16 | 8 |

CH 12系列淋浴门结构图
Instruction diagram of series CH 12 shower door



CH 12系列淋浴门型材图
Profile of series CH 12 shower door

| | | | | |
|---|---|---|--|---|
|  |  |  |  |  |
| CH1201 | CH1202 | CH1203 | CH1204 | CH1205 |
| 0.332 Kg/m | 0.247 Kg/m | 0.562 Kg/m | 0.207 Kg/m | 0.282 Kg/m |

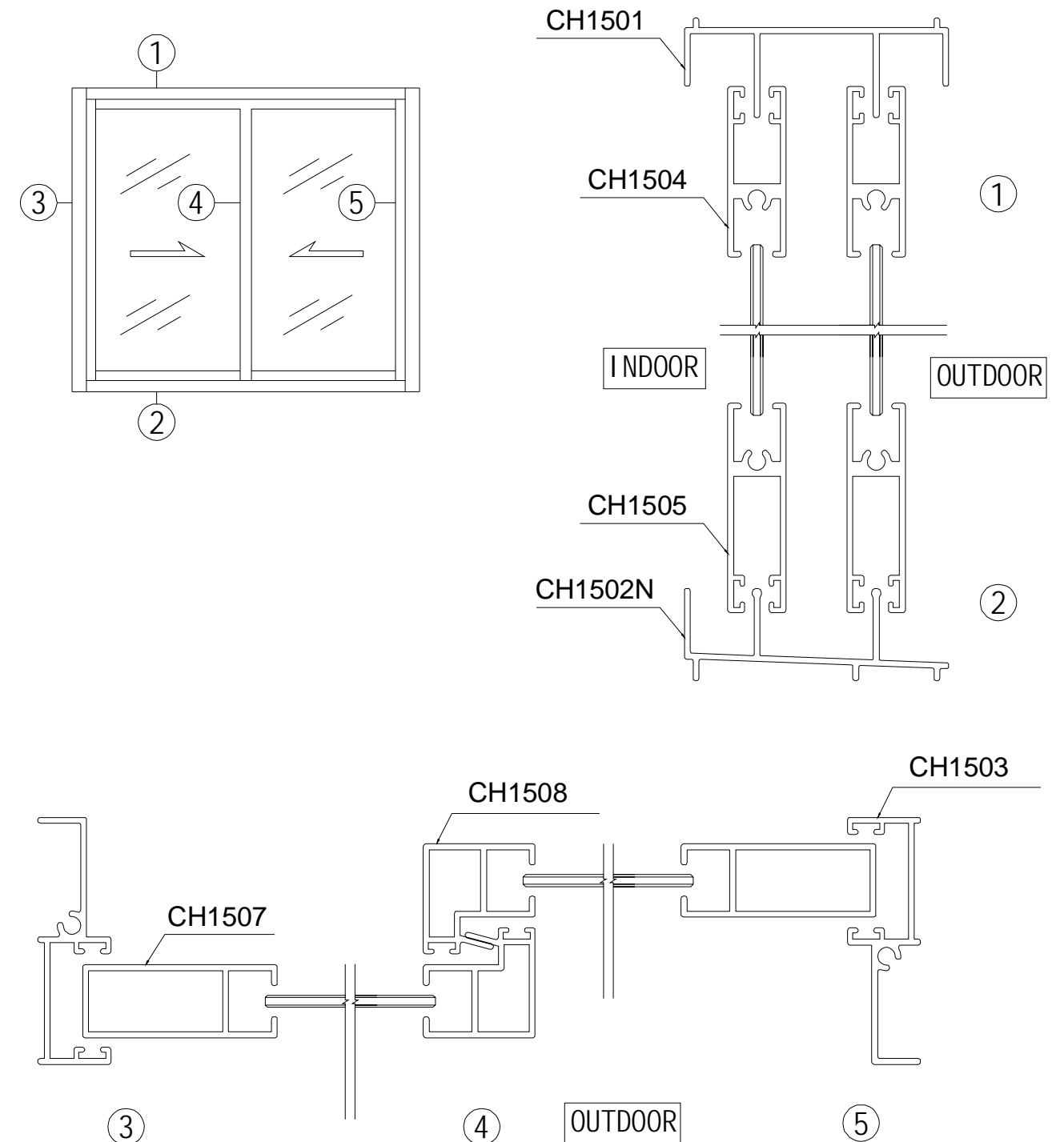


| NAME | CODE | LENGTH(M) | QUANTITY | TOTAL LENGTH(M) | KG/M | TOTAL(KG) |
|---------------|---------|-----------|----------|-----------------|--------------|-----------|
| Jamb | CH 1202 | 1.000 | 1 | 1.000 | 0.247 | 0.247 |
| Head | CH 1203 | 0.968 | 1 | 0.968 | 0.562 | 0.544 |
| Sill | CH 1201 | 0.968 | 1 | 0.968 | 0.332 | 0.321 |
| Side stile | CH 1204 | 0.968 | 2 | 1.936 | 0.207 | 0.401 |
| Locking stile | CH 1205 | 0.968 | 2 | 1.936 | 0.207 | 0.401 |
| Top rail | CH 1205 | 0.498 | 2 | 0.996 | 0.282 | 0.281 |
| Bottom rail | CH 1205 | 0.498 | 2 | 0.996 | 0.282 | 0.281 |
| | | | | | TOTAL WEIGHT | 2.476 |
| | | | | | KG/M2 | 2.476 |

The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight. The actual weight is base on the loading weight.

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CH 15系列推拉窗结构图
Instruction diagram of series CH 15 sliding window

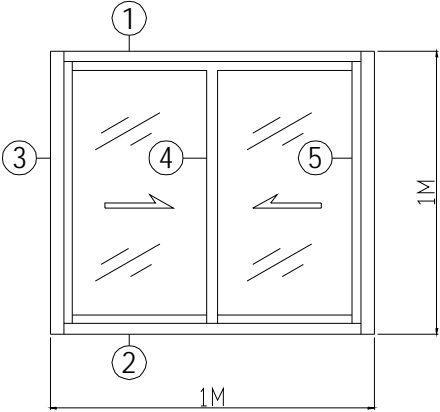


The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight. The actual weight is base on the loading weight.

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CH 15系列推拉窗型材图
Profile of series CH 15 sliding window

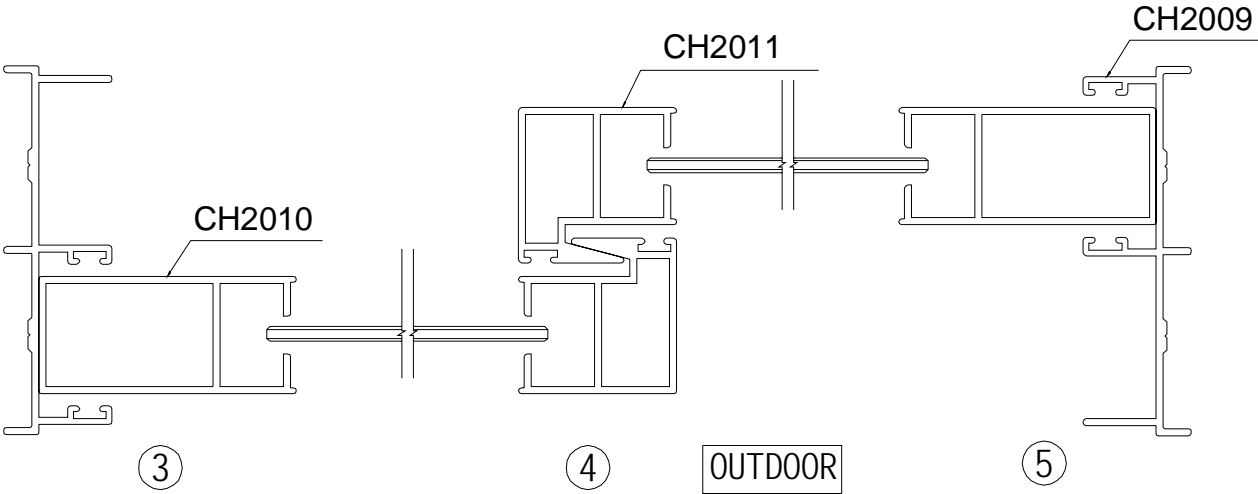
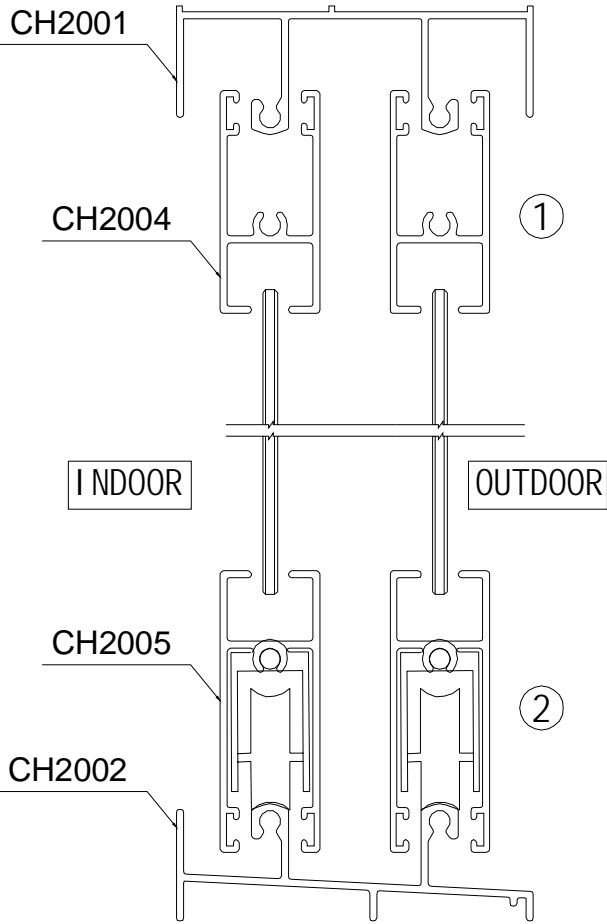
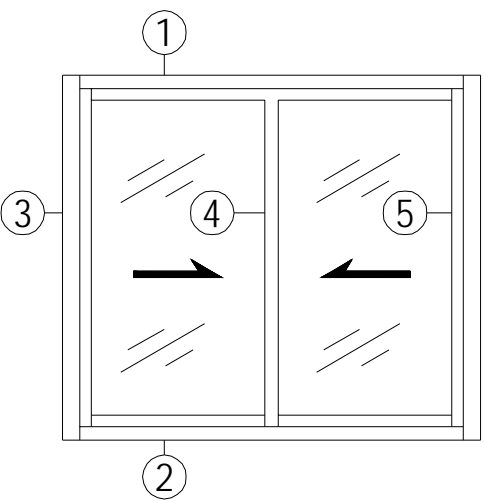
| | | | | |
|------------|------------|------------|------------|------------|
| | | | | |
| CH1505 | CH1506 | CH1507 | CH1508 | CH1515 |
| 0.408 Kg/m | 0.321 Kg/m | 0.364 Kg/m | 0.328 Kg/m | 0.274 Kg/m |
| | | | | |
| CH1501 | CH1502 | CH1502N | CH1503 | CH1504 |
| 0.373 Kg/m | 0.313 Kg/m | 0.352 Kg/m | 0.346 Kg/m | 0.355 Kg/m |



| NAME | CODE | LENGTH(M) | QUANTITY | TOTAL LENGTH(M) | KG/M | TOTAL(KG) |
|---------------|----------|-----------|----------|-----------------|--------------|-----------|
| Jamb | CH 1503 | 1.000 | 1 | 1.000 | 0.346 | 0.346 |
| Head | CH 1501 | 0.968 | 1 | 0.968 | 0.373 | 0.361 |
| Sill | CH 1502N | 0.968 | 1 | 0.968 | 0.352 | 0.341 |
| Side stile | CH 1507 | 0.968 | 2 | 1.936 | 0.364 | 0.705 |
| Locking stile | CH 1508 | 0.968 | 2 | 1.936 | 0.328 | 0.635 |
| Top rail | CH 1504 | 0.489 | 2 | 0.978 | 0.355 | 0.347 |
| Bottom rail | CH 1505 | 0.489 | 2 | 0.978 | 0.408 | 0.399 |
| | | | | | TOTAL WEIGHT | 3.134 |
| | | | | | KG/M2 | 3.134 |

The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight.The actual weight is base on the loading weight.
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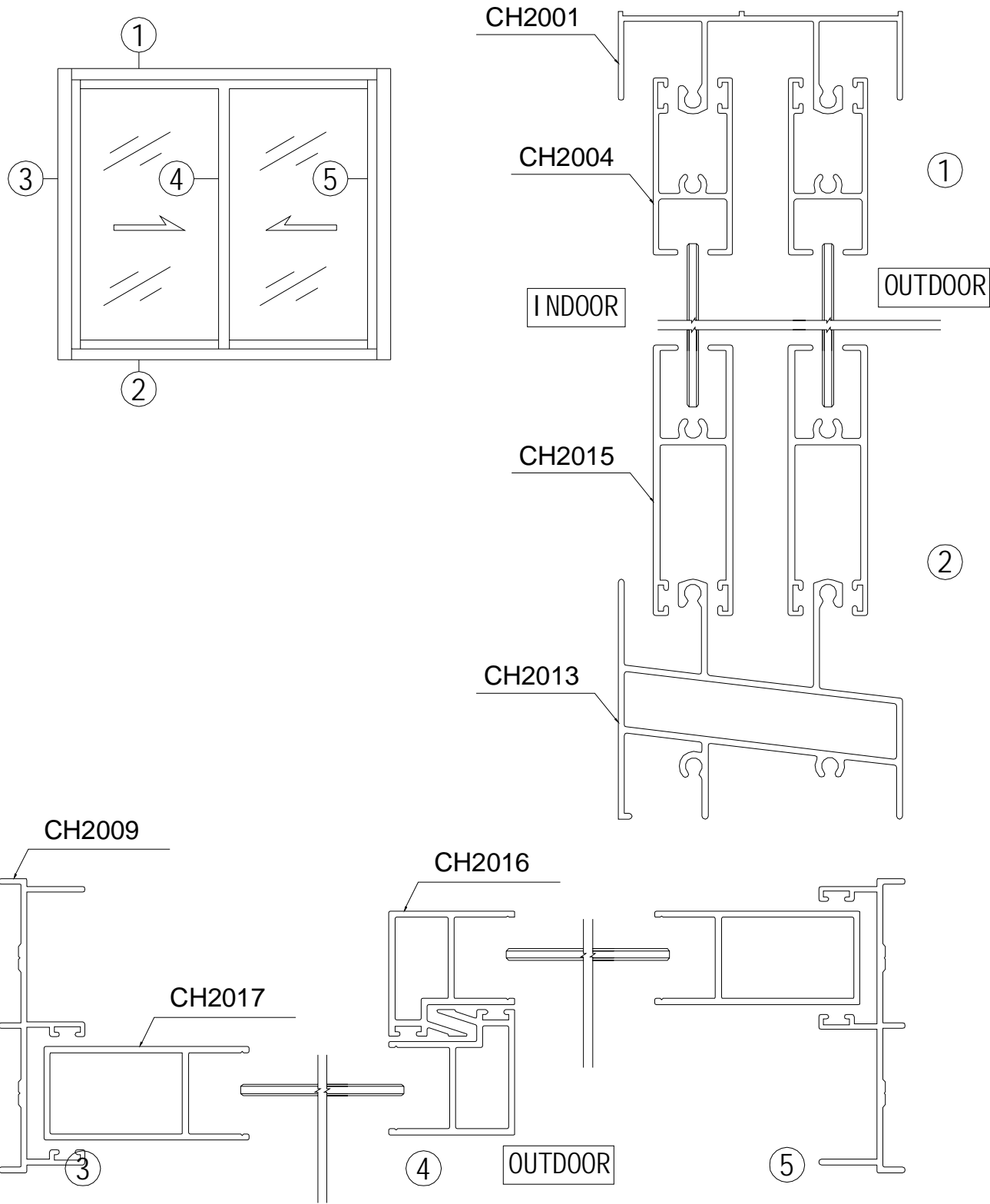
CH 20系列推拉窗结构图
Instruction diagram of series CH 20 sliding window



The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight.The actual weight is base on the loading weight.
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CH 20系列推拉窗结构图

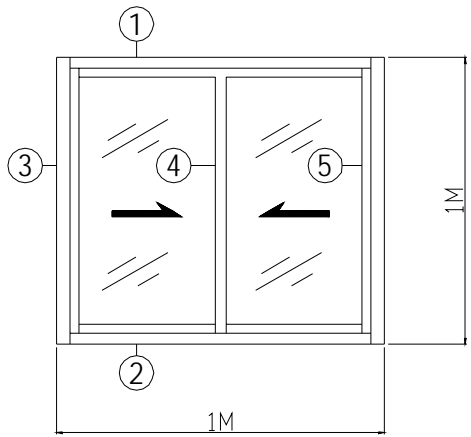
Instruction diagram of series CH 20 sliding window



CH 20系列推拉窗型材图

Profile of series CH 20 sliding window

| | | | | |
|------------|------------|------------|------------|------------|
| | | | | |
| CH2001 | CH2002 | CH2004 | CH2005 | CH2007 |
| 0.525 Kg/m | 0.458 Kg/m | 0.379 Kg/m | 0.445 Kg/m | 0.360 Kg/m |
| | | | | |
| CH2008 | CH2009 | CH2010 | CH2011 | CH2013 |
| 0.348 Kg/m | 0.418 Kg/m | 0.438 Kg/m | 0.435 Kg/m | 1.054 Kg/m |
| | | | | |
| CH2014 | CH2015 | CH2016 | CH2017 | |
| 0.604 Kg/m | 0.577 Kg/m | 0.398 Kg/m | 0.435 Kg/m | |



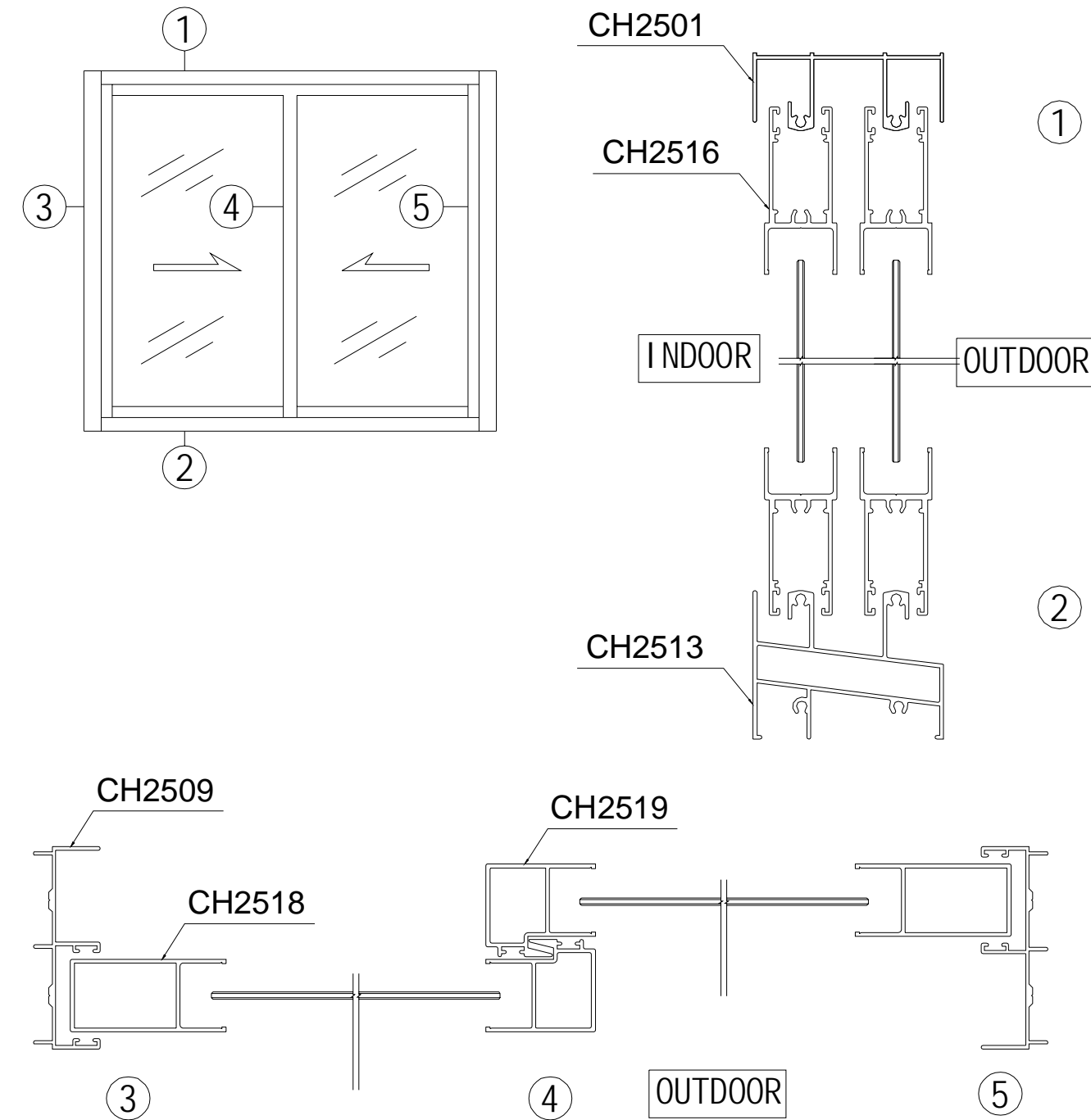
| NAME | CODE | LENGTH(M) | QUANTITY | TOTAL LENGTH(M) | KG/M | TOTAL(KG) |
|---------------|---------|-----------|----------|-----------------|--------------|-----------|
| Jamb | CH 2009 | 1.000 | 1 | 1.000 | 0.418 | 0.418 |
| Head | CH 2001 | 0.968 | 1 | 0.968 | 0.525 | 0.508 |
| Sill | CH 2002 | 0.968 | 1 | 0.968 | 0.458 | 0.469 |
| Side stile | CH 2010 | 0.968 | 2 | 1.936 | 0.438 | 0.848 |
| Locking stile | CH 2011 | 0.968 | 2 | 1.936 | 0.435 | 0.842 |
| Top rail | CH 2004 | 0.489 | 2 | 0.978 | 0.379 | 0.371 |
| Bottom rail | CH 2005 | 0.489 | 2 | 0.978 | 0.445 | 0.435 |
| | | | | | TOTAL WEIGHT | 3.892 |
| | | | | | KG/M2 | 3.892 |

The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight. The actual weight is based on the loading weight.
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CH 25系列推拉窗结构图

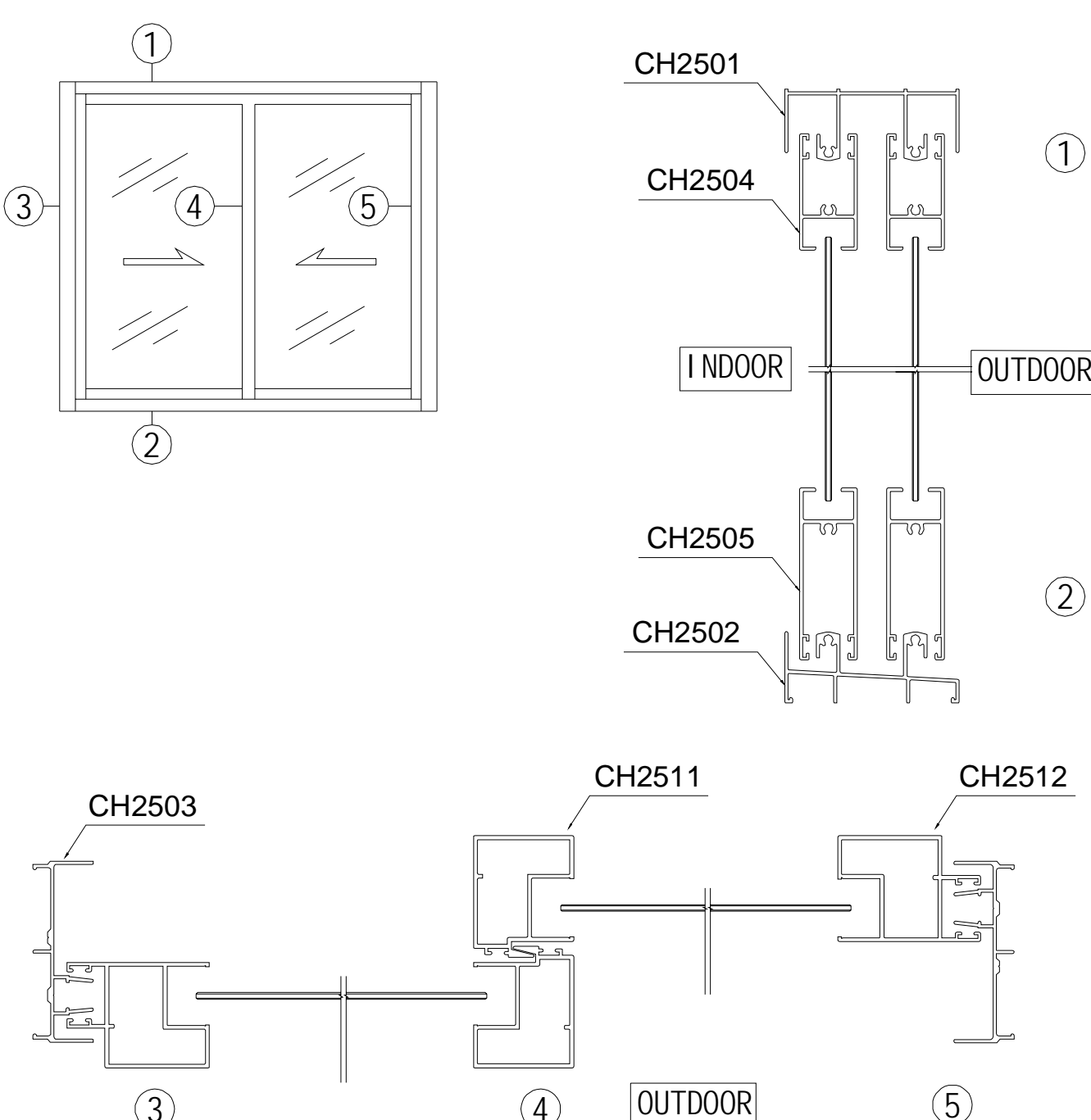
Instruction diagram of series CH 25 sliding window



The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight. The actual weight is based on the loading weight.
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CH 25系列推拉窗结构图

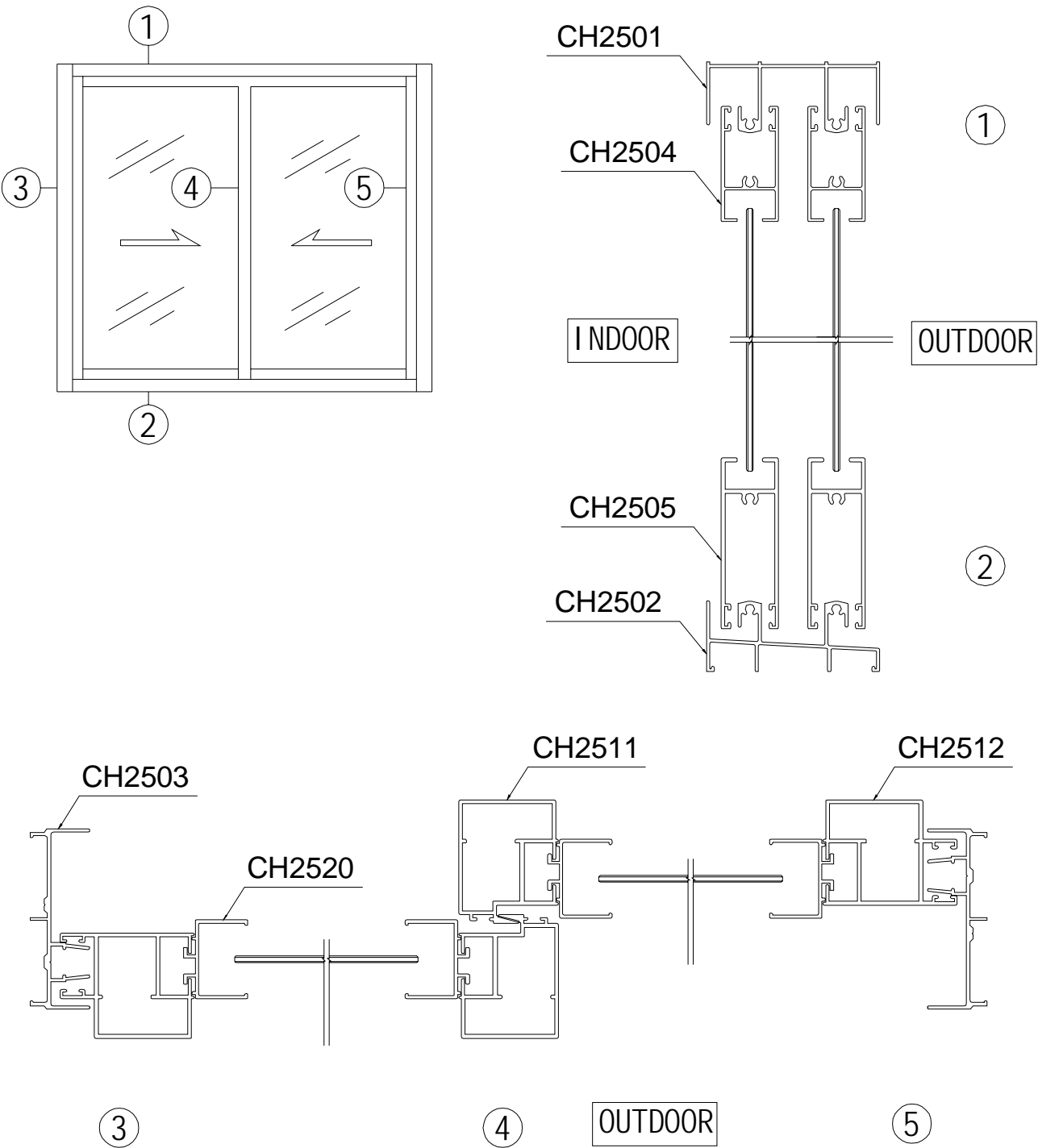
Instruction diagram of series CH 25 sliding window



The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight. The actual weight is based on the loading weight.
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CH 25系列推拉窗结构图

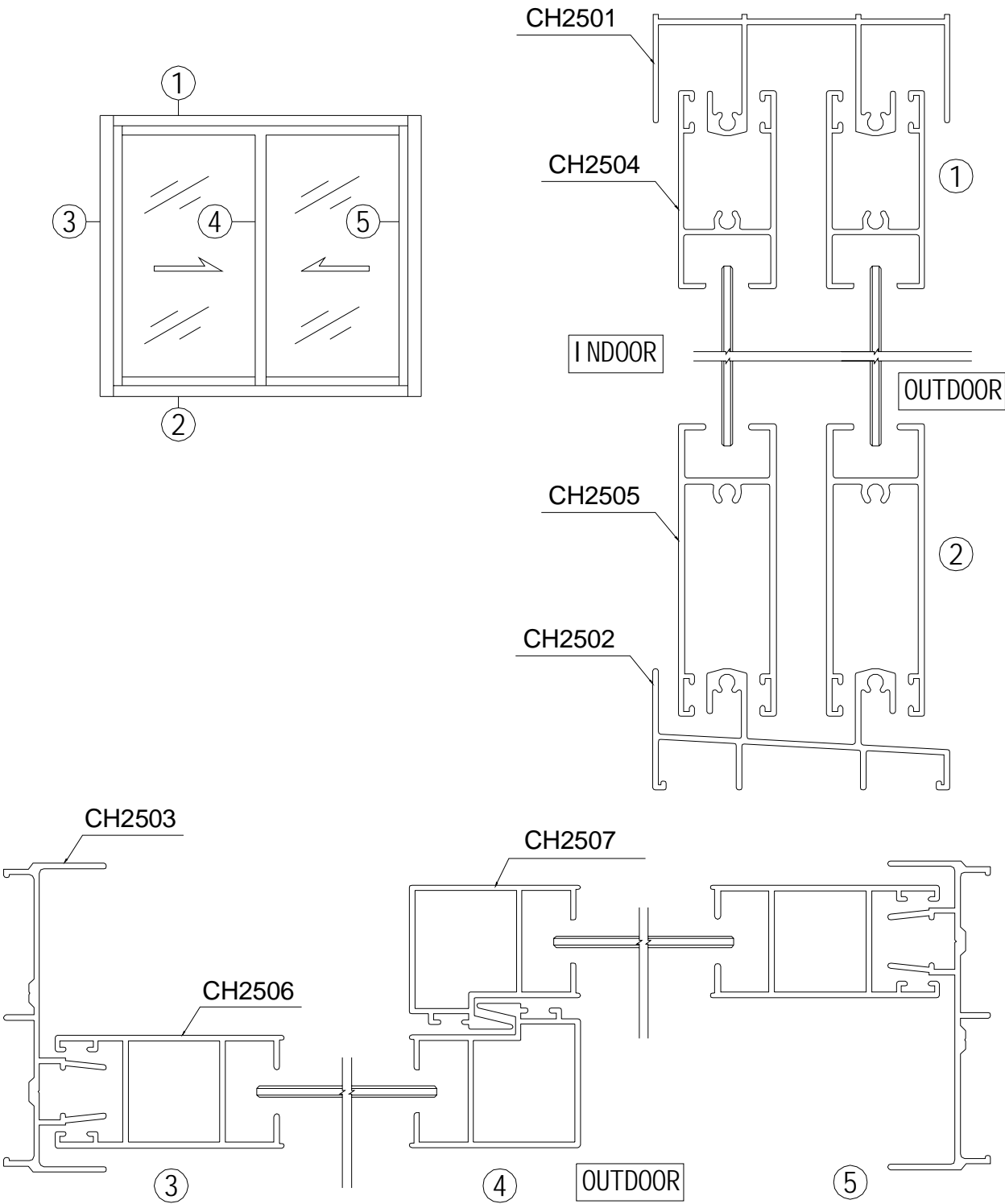
Instruction diagram of series CH 25 sliding window



The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight. The actual weight is base on the loading weight.
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CH 25系列推拉窗结构图

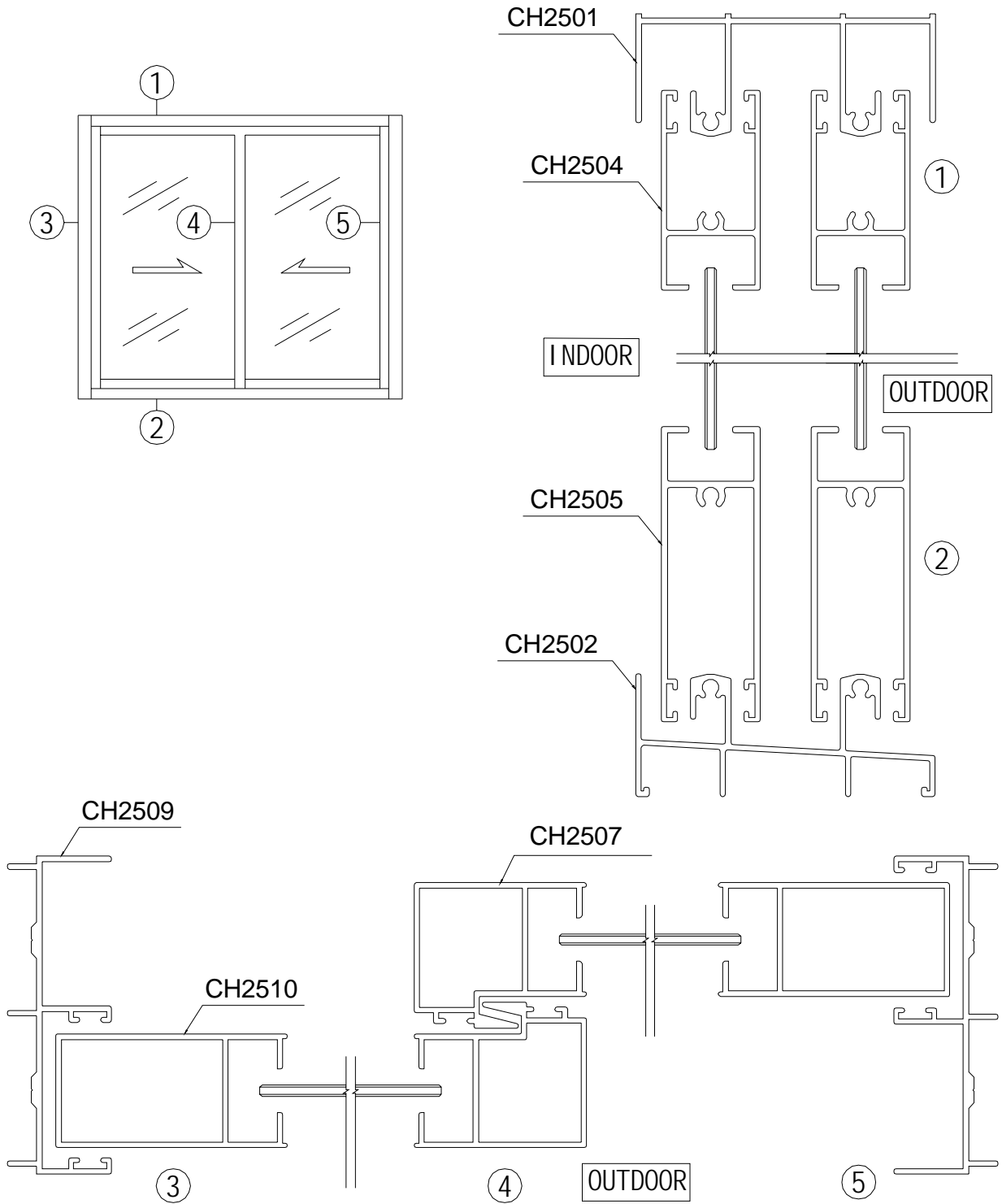
Instruction diagram of series CH 25 sliding window



The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight. The actual weight is base on the loading weight.
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CH 25系列推拉窗结构图

Instruction diagram of series CH 25 sliding window



CH 25系列推拉窗型材图

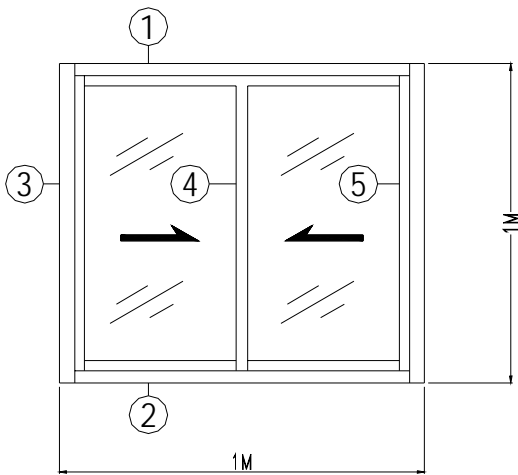
Profile of series CH 25 sliding window

| | | | | |
|------------|------------|------------|------------|------------|
| | | | | |
| CH2501 | CH2502 | CH2503 | CH2504 | CH2505 |
| 0.694 Kg/m | 0.673 Kg/m | 0.539 Kg/m | 0.455 Kg/m | 0.671 Kg/m |
| | | | | |
| CH2506 | CH2507 | CH2508 | CH2509 | CH2510 |
| 0.601 Kg/m | 0.534 Kg/m | 0.444 Kg/m | 0.527 Kg/m | 0.523 Kg/m |
| | | | | |
| CH2511 | CH2512 | CH2513 | CH2514 | CH2516 |
| 0.791 Kg/m | 0.802 Kg/m | 1.182 Kg/m | 0.897 Kg/m | 0.646 Kg/m |
| | | | | |
| CH2518 | CH2519 | CH2520 | CH2521 | CH2529 |
| 0.551 Kg/m | 0.540 Kg/m | 0.285 Kg/m | 0.291 Kg/m | 0.835 Kg/m |
| | | | | |
| CH2530 | CH2531 | | | |
| 0.783 Kg/m | 0.694 Kg/m | | | |

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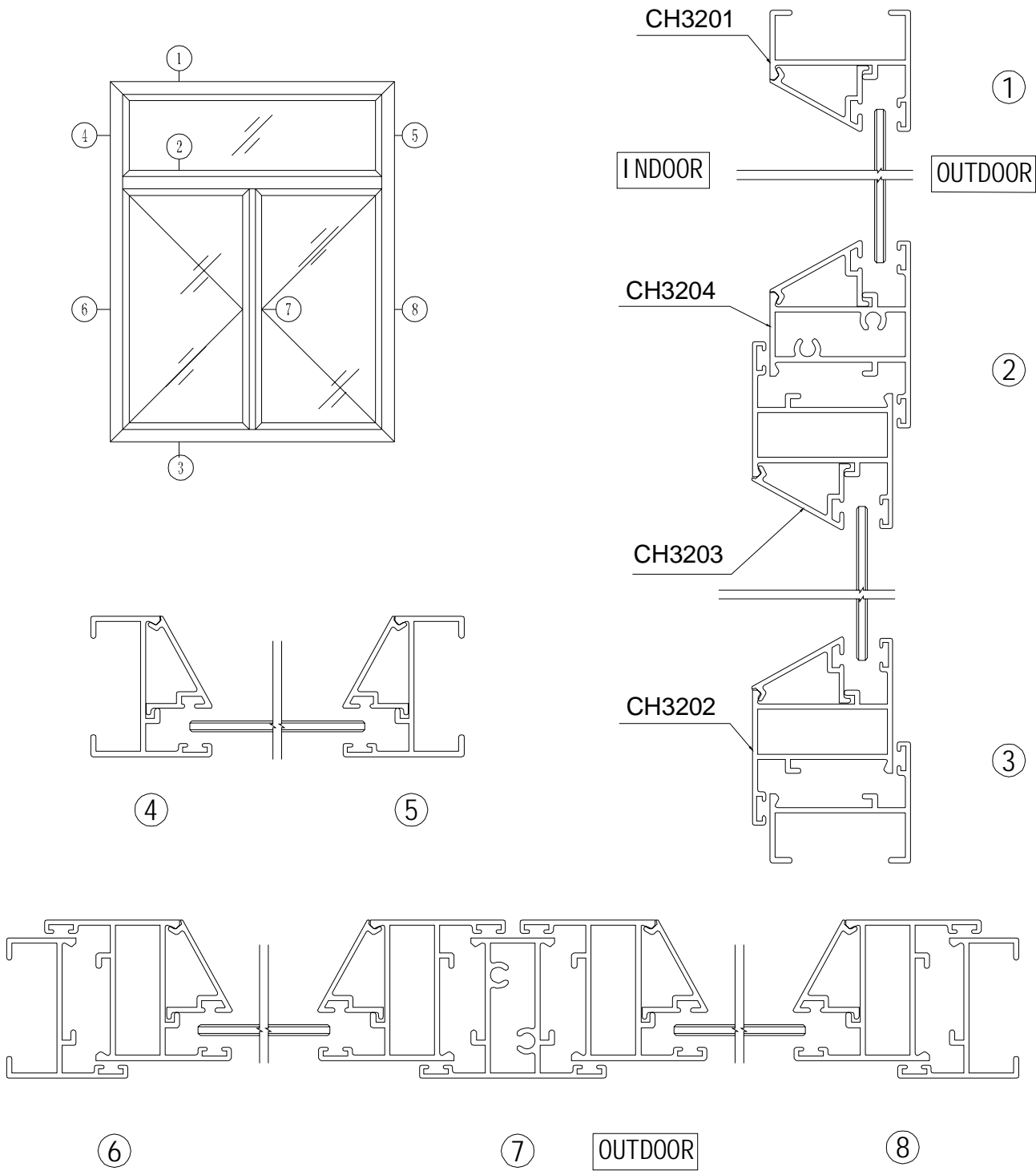
CH 25系列推拉窗型材图
Profile of series CH 25 sliding window



| NAME | CODE | LENGTH(M) | QUANTITY | TOTAL LENGTH(M) | KG/M | TOTAL(KG) |
|---------------|---------|-----------|----------|-----------------|--------------|-----------|
| Jamb | CH 2503 | 1.000 | 1 | 1.000 | 0.539 | 0.539 |
| Head | CH 2501 | 0.968 | 1 | 0.968 | 0.694 | 0.672 |
| Sill | CH 2502 | 0.968 | 1 | 0.968 | 0.673 | 0.651 |
| Side stile | CH 2507 | 0.968 | 2 | 1.936 | 0.534 | 1.034 |
| Locking stile | CH 2506 | 0.968 | 2 | 1.936 | 0.601 | 1.164 |
| Top rail | CH 2504 | 0.489 | 2 | 0.978 | 0.455 | 0.445 |
| Bottom rail | CH 2505 | 0.489 | 2 | 0.978 | 0.671 | 0.656 |
| | | | | | TOTAL WEIGHT | 5.161 |
| | | | | | KG/M2 | 5.161 |

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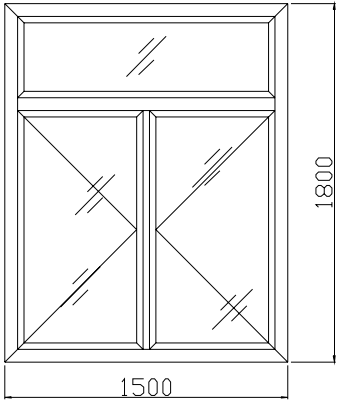
CH 32系列平开窗结构图
Instruction diagram of series CH 32 casement window



The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight.The actual weight is base on the loading weight.
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CH 32系列平开窗型材图
Profile of series CH 32 casement window

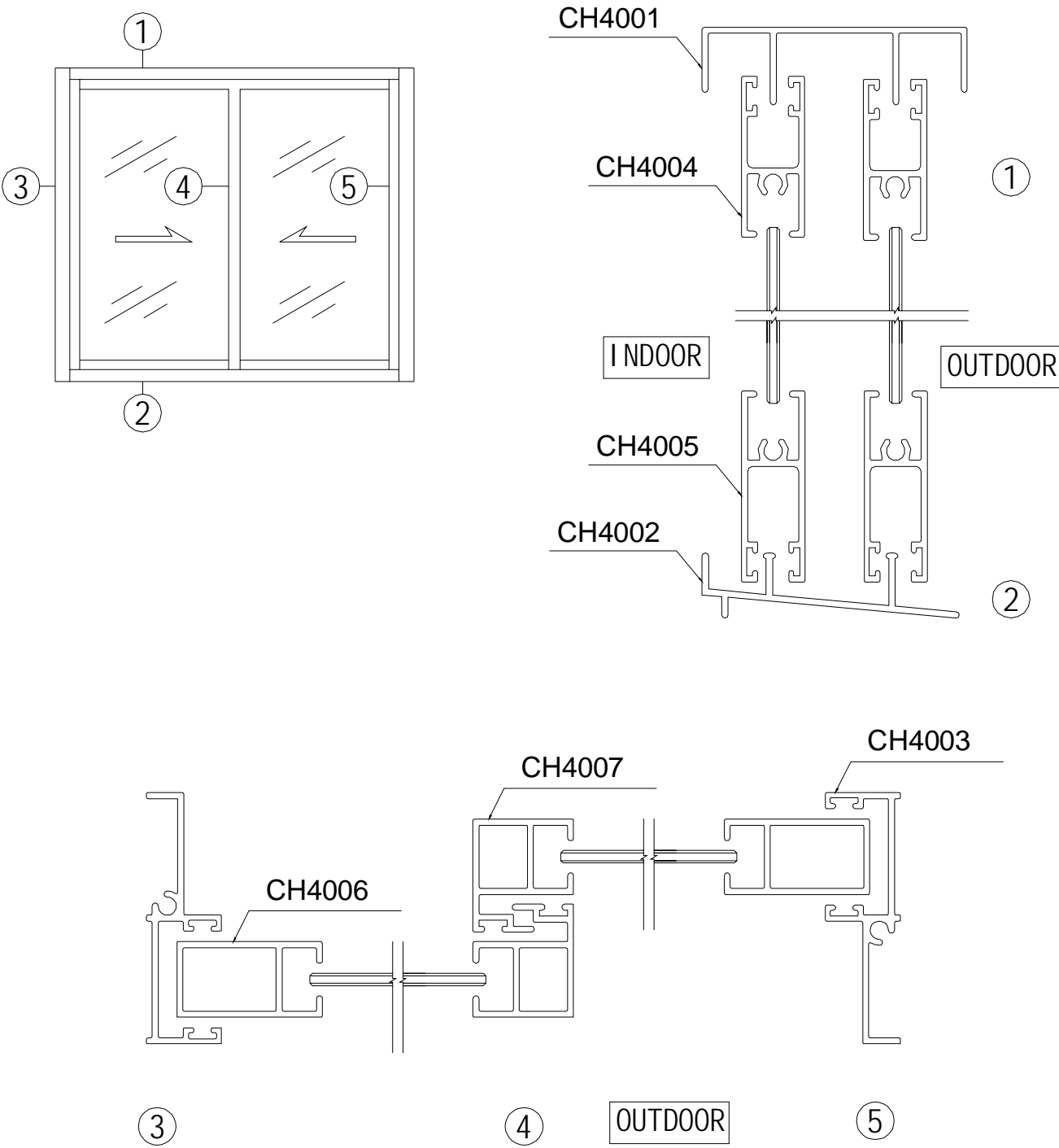
| | | | | |
|------------|------------|------------|------------|------------|
| | | | | |
| CH3201 | CH3202 | CH3203 | CH3204 | CH3205 |
| 0.295 Kg/m | 0.460 Kg/m | 0.140 Kg/m | 0.520 Kg/m | 0.588 Kg/m |
| | | | | |
| CH3207 | | | | |
| 0.787 Kg/m | | | | |



| NAME | CODE | LENGTH(M) | QUANTITY | TOTAL LENGTH(M) | KG/M | TOTAL(KG) |
|---------------|---------|-----------|----------|-----------------|--------------|-----------|
| Outer frame | CH 3201 | 1.800 | 2 | 3.600 | 0.295 | 1.062 |
| Outer frame | CH 3201 | 1.478 | 2 | 2.956 | 0.295 | 0.872 |
| Mullion | CH 3204 | 1.472 | 1 | 1.472 | 0.520 | 0.765 |
| Mullion | CH 3204 | 1.173 | 1 | 1.173 | 0.520 | 0.610 |
| Sash frame | CH3202 | 1.173 | 4 | 4.729 | 0.460 | 2.175 |
| Sash frame | CH 3202 | 0.732 | 4 | 2.929 | 0.460 | 1.347 |
| Frame beading | CH 3203 | 0.568 | 2 | 1.136 | 0.140 | 0.159 |
| Frame beading | CH 3203 | 1.465 | 2 | 2.930 | 0.140 | 0.410 |
| Sash beading | CH 3203 | 1.112 | 4 | 4.447 | 0.140 | 0.623 |
| Sash beading | CH 3203 | 0.658 | 4 | 2.631 | 0.140 | 0.368 |
| | | | | | TOTAL WEIGHT | 8.392 |
| | | | | | KG/M2 | 3.108 |

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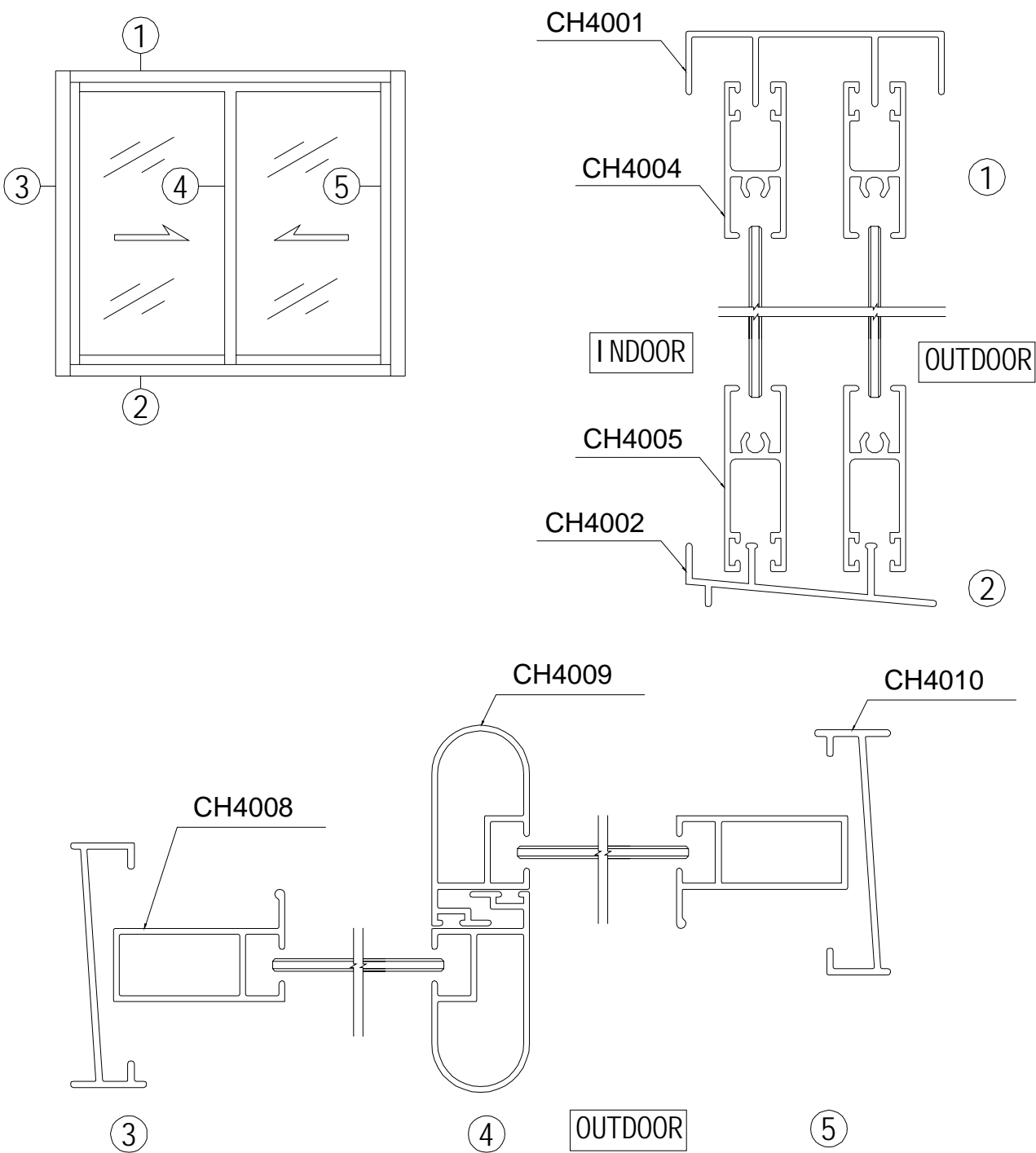
CH 40系列推拉窗结构图
Instruction diagram of series CH 40 sliding window



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CH 40系列推拉窗结构图

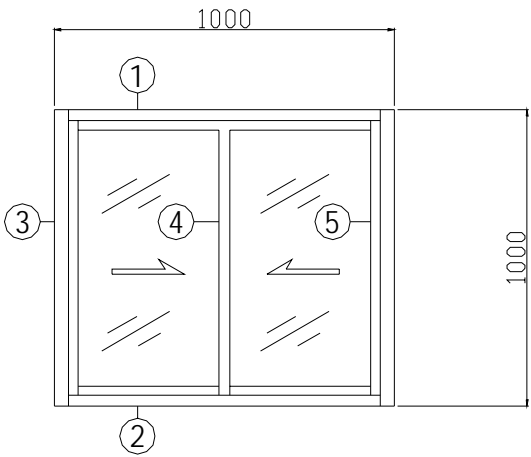
Instruction diagram of series CH 40 sliding window



CH 40系列推拉窗型材图

Profile of series CH 42 sliding window

| | | | | |
|------------|------------|------------|------------|------------|
| | | | | |
| CH4001 | CH4002 | CH4003 | CH4004 | CH4005 |
| 0.343 Kg/m | 0.293 Kg/m | 0.325 Kg/m | 0.317 Kg/m | 0.356 Kg/m |
| | | | | |
| CH4006 | CH4007 | CH4008 | CH4009 | CH4010 |
| 0.292 Kg/m | 0.308 Kg/m | 0.361 Kg/m | 0.429 Kg/m | 0.298 Kg/m |



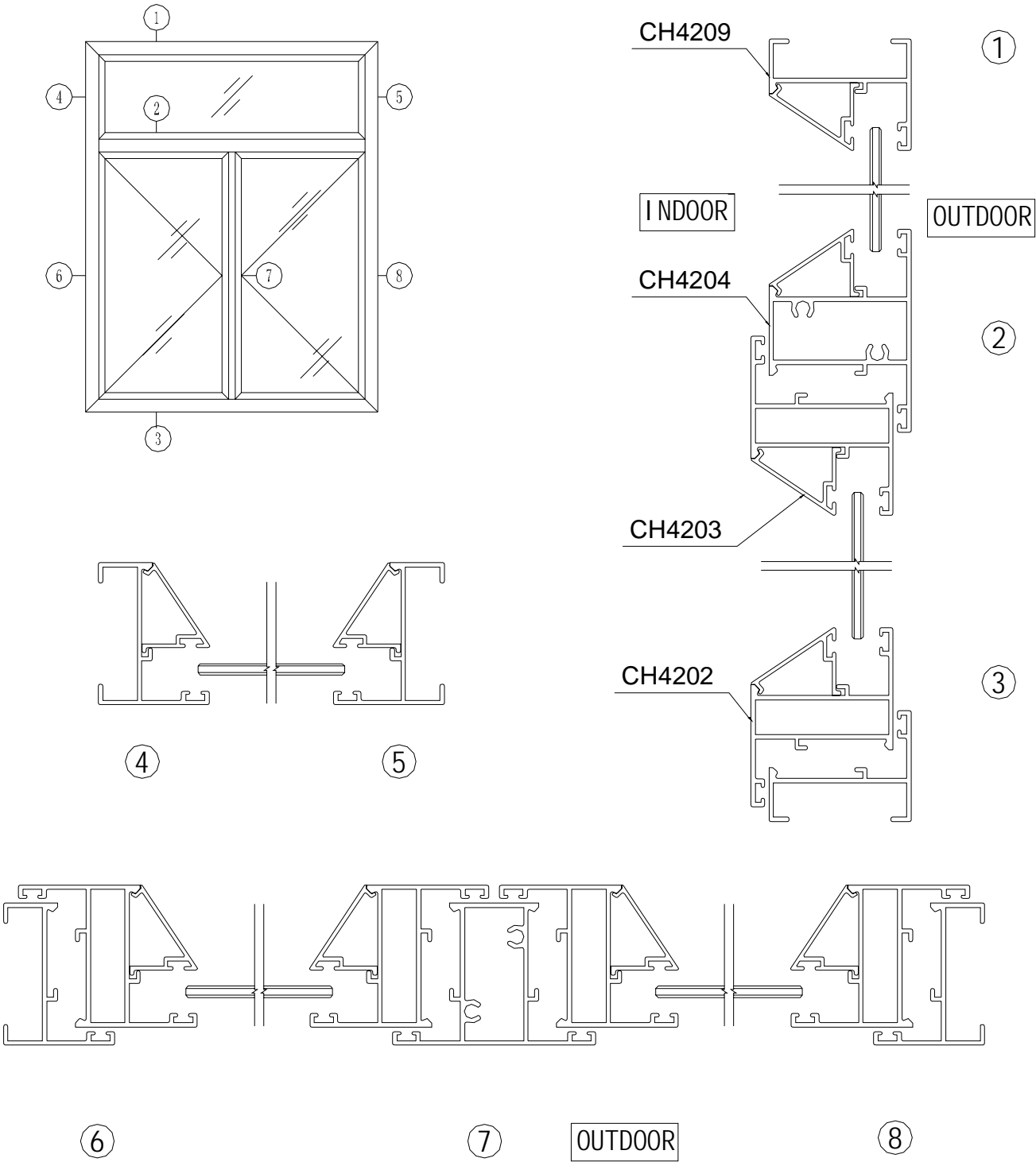
| NAME | CODE | LENGTH(M) | QUANTITY | TOTAL LENGTH(M) | KG/M | TOTAL(KG) |
|---------------|---------|-----------|----------|-----------------|--------------|-----------|
| Jamb | CH 4003 | 1.000 | 1 | 1.000 | 0.325 | 0.325 |
| Head | CH 4001 | 0.968 | 1 | 0.968 | 0.343 | 0.332 |
| Sill | CH 4002 | 0.968 | 1 | 0.968 | 0.293 | 0.284 |
| Side stile | CH 4006 | 0.968 | 2 | 1.936 | 0.292 | 0.565 |
| Locking stile | CH 4007 | 0.968 | 2 | 1.936 | 0.308 | 0.596 |
| Top rail | CH 4004 | 0.498 | 2 | 0.996 | 0.317 | 0.316 |
| Bottom rail | CH 4005 | 0.498 | 2 | 0.996 | 0.356 | 0.355 |
| | | | | | TOTAL WEIGHT | 2.773 |
| | | | | | KG/M2 | 2.773 |

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WISE BUILD,HELP YOU BUILD WISELY

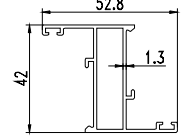
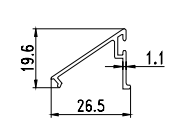
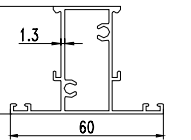
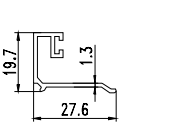
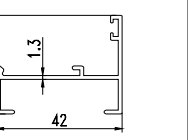
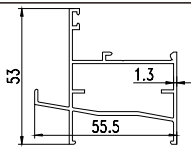
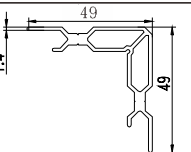
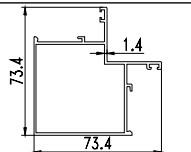
CH 42系列平开窗结构图

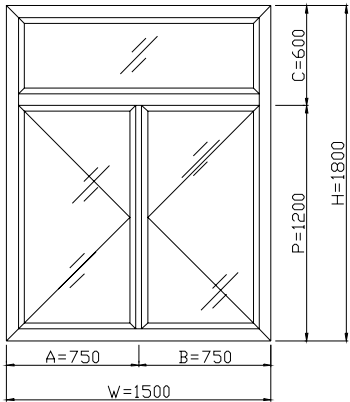
Instruction diagram of series CH 42 casement window



CH 42系列平开窗型材图

Profiles of series CH 42 casement window

| | | | | |
|---|---|---|---|---|
|  |  |  |  |  |
| CH4202 | CH4203 | CH4204 | CH4206 | CH4209 |
| 0.635 Kg/m | 0.175 Kg/m | 0.758 Kg/m | 0.238 Kg/m | 0.395 Kg/m |
|  |  |  | | |
| CH4219 | CH4220 | CH4228 | | |
| 0.756 Kg/m | 0.722 Kg/m | 1.076 Kg/m | | |

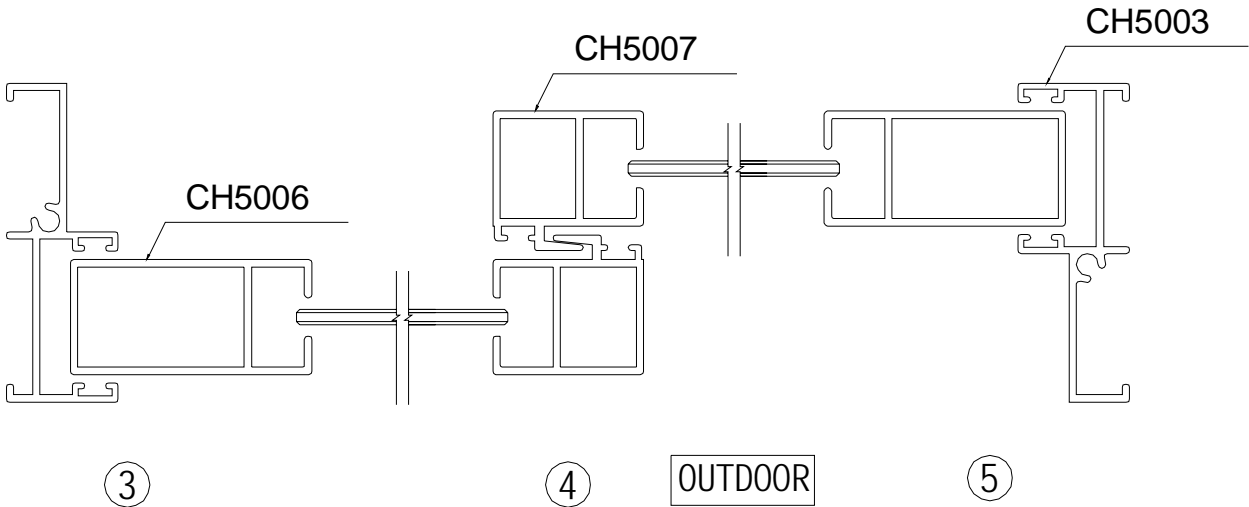
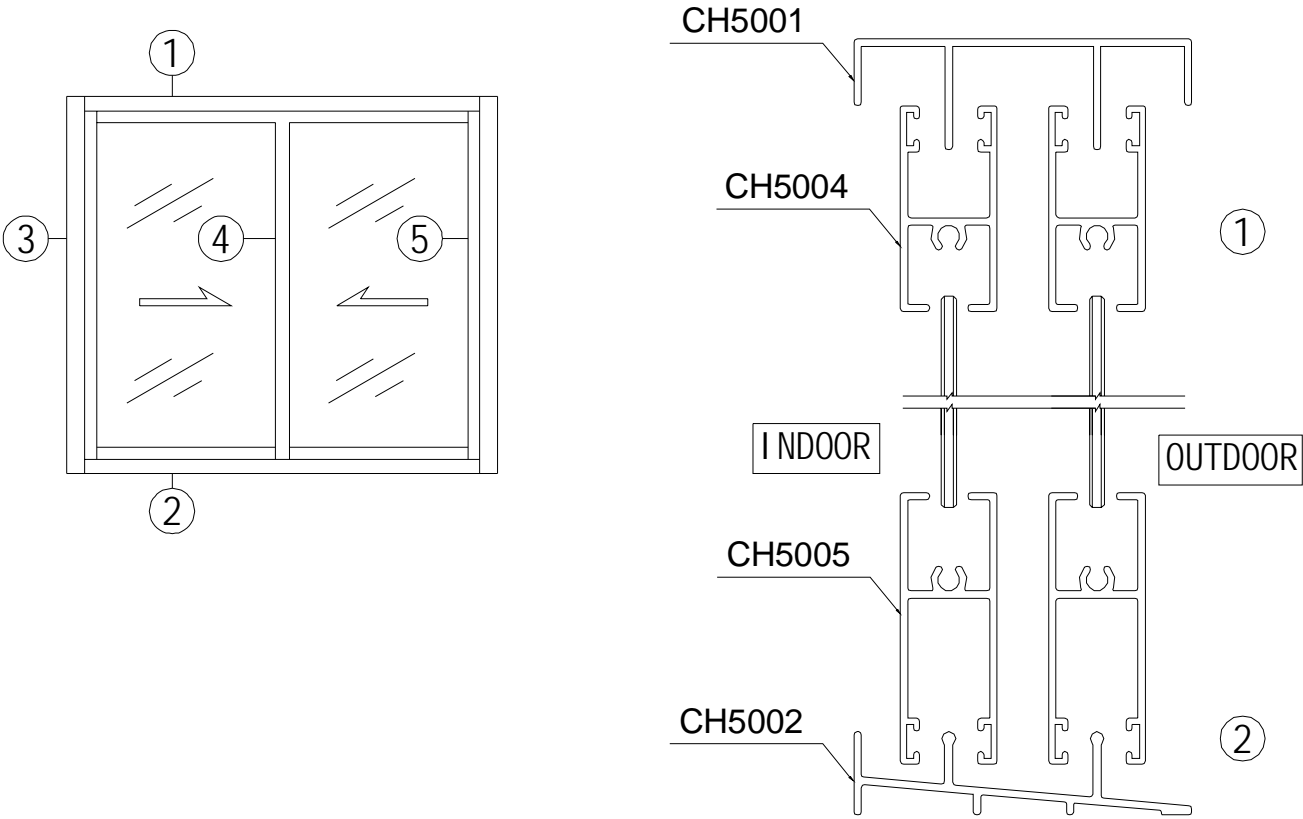


| NAME | CODE | LENGTH(M) | QUANTITY | TOTAL LENGTH(M) | KG/M | TOTAL(KG) |
|---------------|---------|-----------|----------|-----------------|--------------|-----------|
| Outer frame | CH 4209 | 1.800 | 2 | 3.600 | 0.395 | 1.422 |
| Outer frame | CH 4209 | 1.452 | 2 | 2.903 | 0.395 | 1.147 |
| Mullion | CH 4204 | 1.451 | 1 | 1.451 | 0.758 | 1.100 |
| Mullion | CH 4204 | 1.161 | 1 | 1.161 | 0.758 | 0.880 |
| Sash frame | CH 4202 | 1.173 | 4 | 4.691 | 0.635 | 2.979 |
| Sash frame | CH 4202 | 0.723 | 4 | 2.891 | 0.635 | 1.836 |
| Frame beading | CH 4203 | 0.556 | 2 | 1.112 | 0.175 | 0.195 |
| Frame beading | CH 4203 | 1.441 | 2 | 2.882 | 0.175 | 0.504 |
| Sash beading | CH 4203 | 1.096 | 4 | 4.386 | 0.175 | 0.767 |
| Sash beading | CH 4203 | 0.643 | 4 | 2.570 | 0.175 | 0.450 |
| | | | | | TOTAL WEIGHT | 11.280 |
| | | | | | KG/M2 | 4.178 |

The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight. The actual weight is based on the loading weight.
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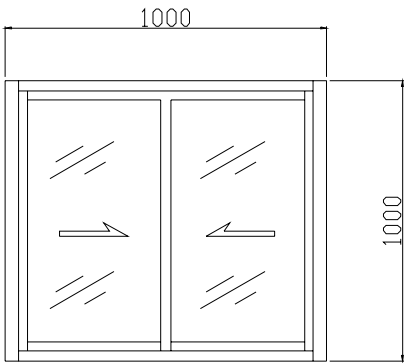
The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight. The actual weight is based on the loading weight.
WISE BUILD, HELP YOU BUILD WISELY

CH 50系列推拉窗结构图
Instruction diagram of series CH 50 sliding window



CH 50系列推拉窗型材图
Profile of series CH 50 sliding window

| | | | | |
|------------|------------|------------|------------|------------|
| | | | | |
| CH5001 | CH5002 | CH5003 | CH5004 | CH5005 |
| 0.358 Kg/m | 0.331 Kg/m | 0.371 Kg/m | 0.346 Kg/m | 0.418 Kg/m |
| | | | | |
| CH5006 | CH5007 | CH5008 | | |
| 0.403 Kg/m | 0.357 Kg/m | 0.252 Kg/m | | |



| NAME | CODE | LENGTH(M) | QUANTITY | TOTAL LENGTH(M) | KG/M | TOTAL(KG) |
|---------------|---------|-----------|----------|-----------------|--------------|-----------|
| Jamb | CH 5001 | 1.000 | 1 | 1.000 | 0.358 | 0.350 |
| Head | CH 5002 | 0.968 | 1 | 0.968 | 0.331 | 0.320 |
| Sill | CH 5003 | 0.968 | 1 | 0.968 | 0.371 | 0.359 |
| Side stile | CH 5007 | 0.968 | 2 | 1.936 | 0.357 | 0.691 |
| Locking stile | CH 5006 | 0.968 | 2 | 1.936 | 0.403 | 0.780 |
| Top rail | CH 5004 | 0.498 | 2 | 0.996 | 0.346 | 0.345 |
| Bottom rail | CH 5005 | 0.498 | 2 | 0.996 | 0.418 | 0.416 |
| | | | | | TOTAL WEIGHT | 3.262 |
| | | | | | KG/M2 | 3.262 |

The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight. The actual weight is based on the loading weight.
WISE BUILD, HELP YOU BUILD WISELY

The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight. The actual weight is based on the loading weight.
WISE BUILD, HELP YOU BUILD WISELY

CH系列标准型材简图

Instruction diagram of standard profiles

Diagram of angle

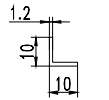
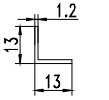
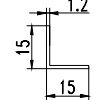
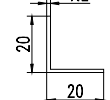
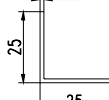
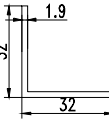
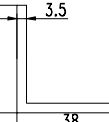
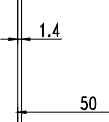
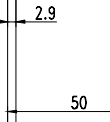
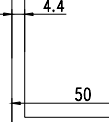
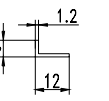
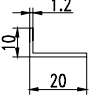
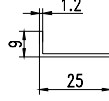
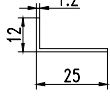
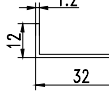
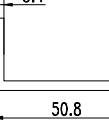
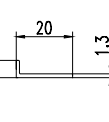
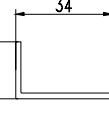
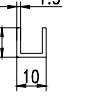
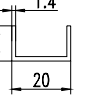
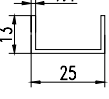
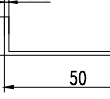
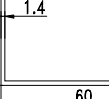
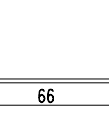
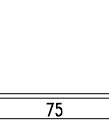
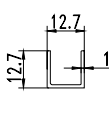
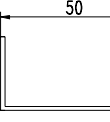
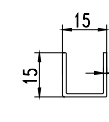
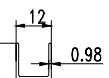
| | | | | |
|---|---|---|--|---|
|  |  |  |  |  |
| CH0001 | CH0002 | CH0003 | CH0004 | CH0005 |
|  |  |  |  |  |
| CH0006 | CH0007 | CH0008 | CH0009 | CH0010 |
|  |  |  |  |  |
| CH0011 | CH0012 | CH0013 | CH0014 | CH0015 |
|  |  |  | | |
| CH0016 | CH0131 | CH0136 | | |

Diagram of U shape

| | | | | |
|---|---|---|--|---|
|  |  |  |  |  |
| CH0017 | CH0018 | CH0019 | CH0020 | CH0021 |
| 0.097 Kg/m | 0.157 Kg/m | 0.184 Kg/m | 0.280 Kg/m | 0.448 Kg/m |
|  |  |  |  |  |
| CH0022 | CH0023 | CH0033 | CH0166 | CH7315 |
| 0.394 Kg/m | 0.500 Kg/m | 0.111 Kg/m | 0.371 Kg/m | 0.133 Kg/m |
|  | | | | |
| CH12X12 | | | | |
| 0.091 Kg/m | | | | |

The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight.The actual weight is base on the loading weight.
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Diagram of square tube

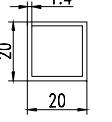
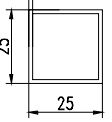
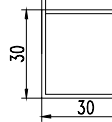
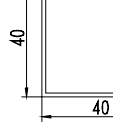
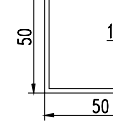
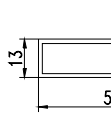
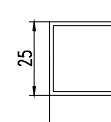
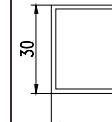
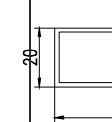
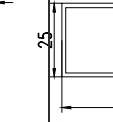
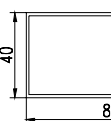
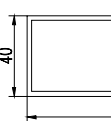
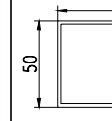
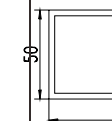
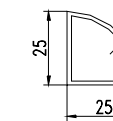
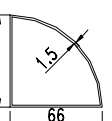
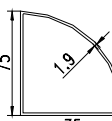
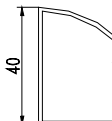
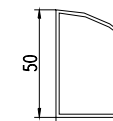
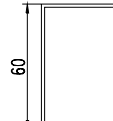
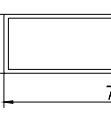
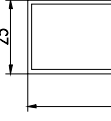
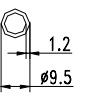
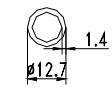
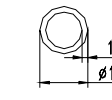
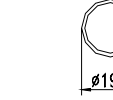
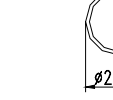
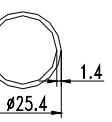
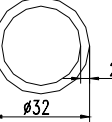
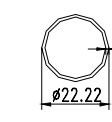
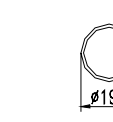

| | | | | |
|---|---|--|--|--|
|  |  |  |  |  |
| CH0024 | CH0025 | CH0026 | CH0027 | CH0028 |
| 0.284 Kg/m | 0.361 Kg/m | 0.437 Kg/m | 0.590 Kg/m | 0.998 Kg/m |
|  |  |  |  |  |
| CH0029 | CH0030 | CH0031 | CH0032 | CH0033 |
| 0.460 Kg/m | 0.552 Kg/m | 0.667 Kg/m | 0.636 Kg/m | 0.743 Kg/m |
|  |  |  |  |  |
| CH0034 | CH0035 | CH0036 | CH0037 | CH0038 |
| 0.896 Kg/m | 1.700 Kg/m | 1.517 Kg/m | 2.772 Kg/m | 0.321 Kg/m |
|  |  |  |  |  |
| CH0039 | CH0040 | CH0041 | CH0042 | CH0207 |
| 0.942 Kg/m | 1.352 Kg/m | 0.526 Kg/m | 0.708 Kg/m | 0.896 Kg/m |
|  |  | | | |
| CH0249 | CH0262 | | | |
| 0.705 Kg/m | 0.705 Kg/m | | | |

Diagram of circle tube

| | | | | |
|---|---|---|---|---|
|  |  |  |  |  |
| CH0049 | CH0050 | CH0051 | CH0052 | CH0053 |
| 0.085 Kg/m | 0.136 Kg/m | 0.227 Kg/m | 0.184 Kg/m | 0.216 Kg/m |
|  |  |  |  |  |
| CH0054 | CH0056 | CH0440 | CH0441 | CH0442 |
| 0.288 Kg/m | 0.724 Kg/m | 0.182 Kg/m | 0.155 Kg/m | 0.209 Kg/m |

The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight.The actual weight is base on the loading weight.
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Diagram of standard profiles







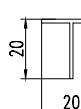
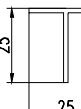
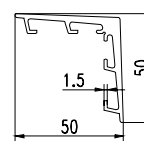


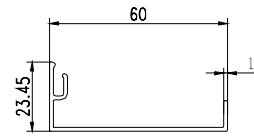
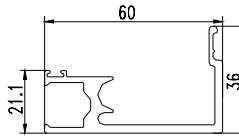
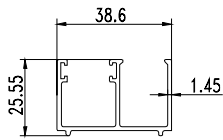
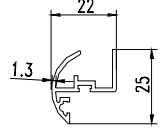
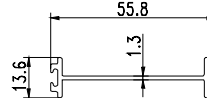
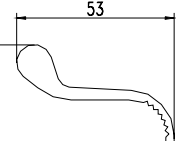
| | | | | |
|---|---|---|--|---|
|  |  |  |  |  |
| CH0043 | CH0044 | CH0045 | CH0060 | CH0303 |
| 0.083 Kg/m | 0.124 Kg/m | 0.166 Kg/m | 0.218 Kg/m | 0.358 Kg/m |
|  |  |  |  |  |
| CH0305 | CH0047 | CH0048 | CH0057 | CH0058 |
| 0.087 Kg/m | 0.127 Kg/m | 0.186 Kg/m | 0.935 Kg/m | 0.090 Kg/m |
|  |  |  |  |  |
| CH0059 | CH-ME-030 | CH-ME031-A | CH-ME-034 | CH-VIA001 |
| 0.126 Kg/m | 0.348 Kg/m | 0.969 Kg/m | 0.465 Kg/m | 0.272 Kg/m |
|  |  | | | |
| PU-001 | PU-002 | | | |
| 0.34 Kg/m | 0.889 Kg/m | | | |

Diagram of series CH35

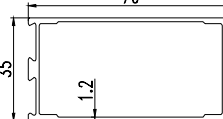
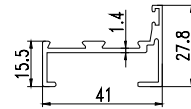

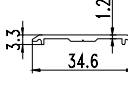
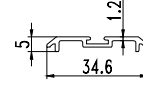
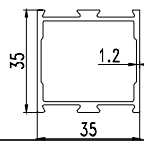
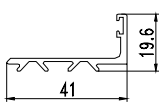
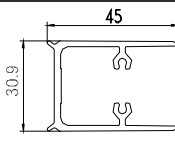
| | | | | |
|---|---|---|--|---|
|  |  |  |  |  |
| CH3501 | CH3502 | CH3503 | CH3506 | CH3507 |
| 0.844 Kg/m | 0.455 Kg/m | 0.114 Kg/m | 0.144 Kg/m | 0.167 Kg/m |
|  |  |  | | |
| CH3508 | CH3509 | CH3531 | | |
| 0.615 Kg/m | 0.316 Kg/m | 0.758 Kg/m | | |

Diagram of series CH53

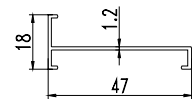
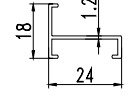
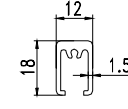
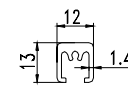
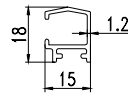
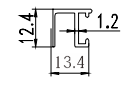
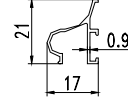
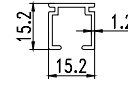
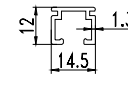
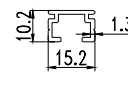
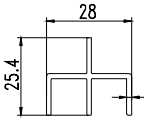
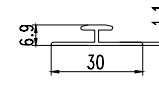
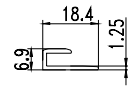
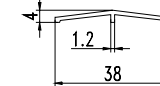
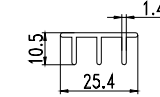
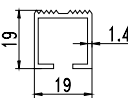
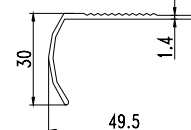
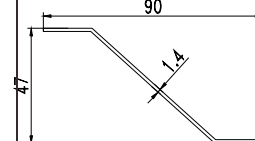
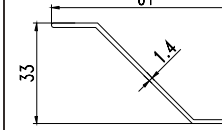
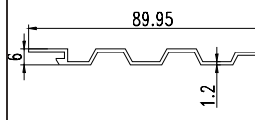
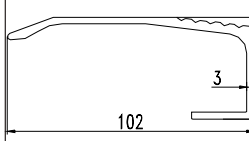
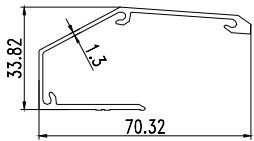
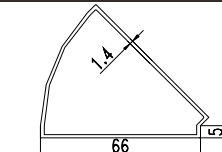
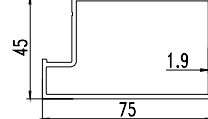
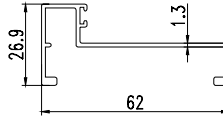
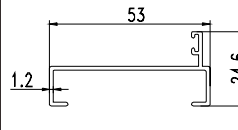
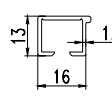
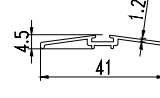
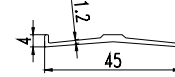

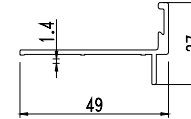
| | | | | |
|---|---|---|--|---|
|  |  |  |  |  |
| CH5310 | CH5311 | CH5330 | CH5331 | CH5332 |
| 0.248 Kg/m | 0.172 Kg/m | 0.251 Kg/m | 0.204 Kg/m | 0.187 Kg/m |
|  |  |  |  |  |
| CH5333 | CH5338 | CH5342 | CH5344 | CH5345 |
| 0.128 Kg/m | 0.138 Kg/m | 0.176 Kg/m | 0.161 Kg/m | 0.149 Kg/m |
|  |  |  |  |  |
| CH5351 | CH5360 | CH5361 | CH5362 | CH5364 |
| 0.33 Kg/m | 0.143 Kg/m | 0.106 Kg/m | 0.141 Kg/m | 0.199 Kg/m |
|  |  |  |  |  |
| CH5365 | CH5367 | CH5370 | CH5371 | CH5372 |
| 0.259 Kg/m | 0.317 Kg/m | 0.410 Kg/m | 0.283 Kg/m | 0.373 Kg/m |
|  |  |  | | |
| CH5374 | CH5378 | CH5380 | | |
| 1.380 Kg/m | 0.608 Kg/m | 0.758 Kg/m | | |

Diagram of series CH45

| | | | | |
|---|---|---|---|---|
|  |  |  |  |  |
| CH4501 | CH4502 | CH4503 | CH4504 | CH4505 |
| 1.209 Kg/m | 0.482 Kg/m | 0.338 Kg/m | 0.163 Kg/m | 0.168 Kg/m |
|  |  |  | | |
| CH4506 | CH4507 | CH4508 | | |
| 0.187 Kg/m | 1.002 Kg/m | 0.327 Kg/m | | |

The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight.The actual weight is base on the loading weight.
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The picture shows standard thickness and theoretic weight, customer can order under their thickness and weight.The actual weight is base on the loading weight.
WISE BUILD,HELP YOU BUILD WISELY