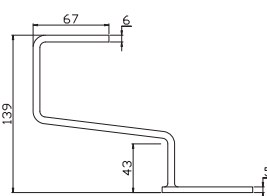


Optional Components



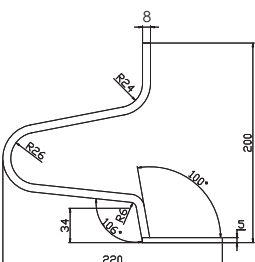
373-70064-00 Hook D



- Material : SUS 304
- Connection of rails to wooden beams
- Fixed from the top
- Vertically adjustable



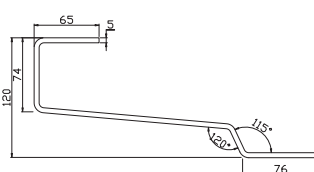
373-70065-00 Hook E



- Material : SUS 304
- Connection of rails to wooden beams
- Fixed from the side
- Horizontally adjustable



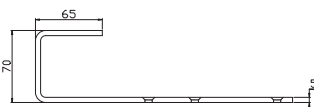
373-70066-00 Hook F



- Material : SUS 304
- Used on plate tile roof
- Horizontally adjustable



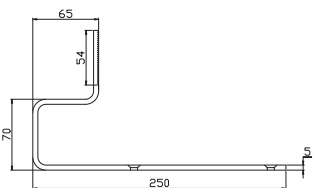
373-70067-00 Hook G



- Material : SUS 304
- Used on shingle roof
- Fixed from the top
- Horizontally adjustable



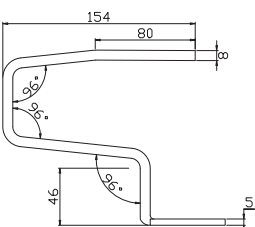
373-70068-00 Hook H



- Material : SUS 304
- Used on shingle roof
- Fixed from the side
- Vertically adjustable



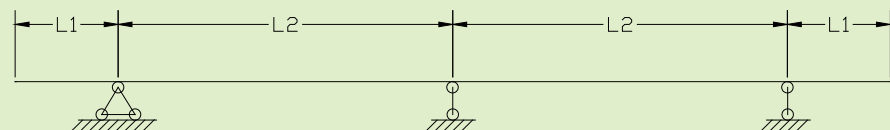
373-70069-00 Hook I



- Material : SUS 304
- Connection of rails to wooden beams
- Fixed from the top
- Horizontally adjustable

T series Mounting System Mechanical Parameters

I 、 Load Parameters



Parameter Configuration	L1(mm)	L2(mm)	Wind Load (KN/ m ²)	Wind Speed (m/s)	Snow Load (KN/ m ²)	Installation Angle
Rail A+Hook A	300~500	≤1400	0.8	30	0.6	Any
Rail A+Hook B	300~500	≤1400	1.2	35	1.0	Any
Rail B+Hook A	300~500	≤1400	0.8	30	0.6	Any
Rail B+Hook B	300~500	≤1400	1.2	35	1.0	Any
Rail C+Hook A	300~500	≤1400	0.8	30	0.6	Any
Rail C+Hook B	300~500	≤1400	1.0	32	0.8	Any
Rail D+Hook A	300~500	≤1400	0.8	30	0.6	Any
Rail D+Hook B	300~500	≤1400	1.0	32	0.8	Any

II 、 Mechanical Parameters of Hook

Hook is generally applicable in tile roofs. The roof top usually has a certain tilt angle. Therefore, the direction of loads is not always vertical to the plane of hook battens. The data below shows the bearing capacity of hook A & hook B in different angle.



Hook A(thickness 5mm) Technical Parameters							
Angle α°	0	10	20	30	40	50	60
Bending Resistance(KN)	0.8	0.69	0.62	0.58	0.54	0.53	0.54
Stretching Resistance(KN)	0.75	0.65	0.58	0.55	0.53	0.52	0.53

Hook B(thickness 6mm) Technical Parameters							
Angle α°	0	10	20	30	40	50	60
Bending Resistance(KN)	1.2	1.02	0.89	0.84	0.81	0.8	0.81
Stretching Resistance(KN)	1.1	0.95	0.83	0.79	0.76	0.75	0.76

Note: Angle α° is the angle between action F and the direction perpendicular to the batten.

III 、 Tightening Torque for Screws

The Screw material is SUS 304 in all our mounting system, tightening torque of M8 screw is 8-12Nm.