

CLIWIZ® PPE WORKBOOK

2025



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CLIWIZ[®]

ZHEJIANG JINRUI HARDWARE RIGGING CO.,LTD.



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COMPANY PROFILE

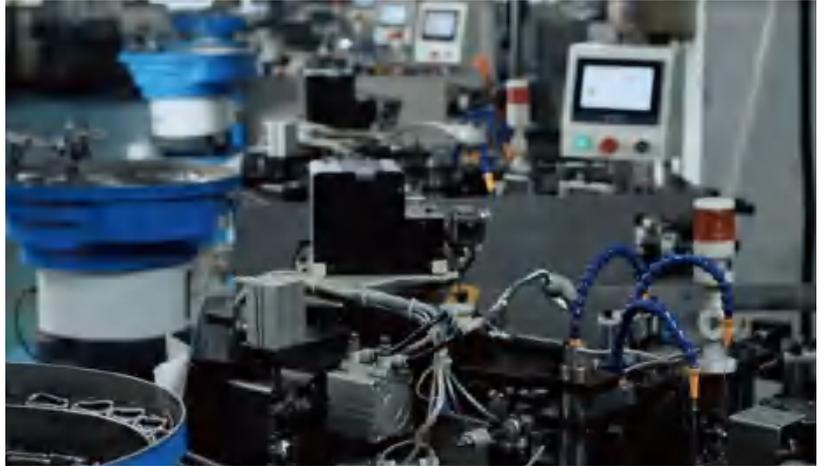
Zhejiang Jinrui Hardware Rigging Co., Ltd. is located in the Lucheng Light Industrial Park (Provincial Development Zone) of Wenzhou City, which is known as "The Eastern Oujiang City" the forefront of China's private enterprise development. The company has an existing construction area of 23,000 square meters, and is well placed for easy access to the Yangyi entrance (S10) of Wenzhou Ring Expressway by driving for 5 minutes, 20 minutes from Wenzhou High-speed Railway South Station, and convenient for Longwan International Airport by driving for 50 minutes.

The company founded in 1992, focusing on the research and development production and sales of safety hooks. The company's products include three major product series of carabiner, snap hook and quick link as the main body, and pullers and shackles as supporting products. They are widely used in the fields of security, outdoor rock climbing, indoor leisure and fitness working-at-height etc, and are exported to more than 40 countries and regions such as Europe America, Australia, South east Asia and Taiwan. At present, the company is a well-known national high-tech enterprise with large scale, complete variety and sophisticated manufacturing in China.

Over the years, the company has been practicing the value concept of "quality as the cornerstone, integrity as the foundation, pioneering and innovation and customer first". Leading in the industry, the company has passed UIAA, CE, BSCI and other authoritative certification earlier, adhering to the "Three Highs" product road map of "high quality, high requirements, and high standards". Tracing the source of manufacturing from the careful selection of materials, to the machining of high-precision equipment, and then to automatic assembly, the monitoring and control means such as numerical control tension test material spectrum analysis salt spray experiment are applied to all the processes to ensure product quality. The capabilities are embodied in the process, high-quality products out of the ingenuity, just to make users safer when using.

The company adheres to the road of independent innovation. It has focused on the establishment of a product and equipment independent R&D team of more than 80 people established a provincial CNC manufacturing technology R&D center and obtained nearly 100 invention and utility model patents. In recent years, in addition to the technical innovation of traditional products, the company has introduced new design concepts in the innovation and research of new products so as to keep close to the market needs and form the core competitiveness of products that cannot be copied. The company has invested heavily to build the flagship project of carabiner with aviation aluminum materials as raw materials. At present, it has entered the fast development lane from the aspects of product research and development, production, scale, market share, brand operation and has become the leader in the subdivision field of carabiner in China.

Do not forget why you started, and forge ahead! With the grand launch of the 2nd phase of Jinrui industrial park with a total investment of 200 million yuan and a construction area of 50,000 square meters which marks the second take-off of the company, it will make a rapid progress towards the realization of "scale efficiency and benchmarking"! The personnel of Jinrui, focusing on the market actively promoting brand strategy and improving product value and service, are willing to operate with customers to create a better tomorrow!





CONNECTORS



> 7101 SERIES

MAJOR AXIS: 24 kN MINOR AXIS: 7 kN GATE OPEN: 7 kN



> 7103 SERIES

MAJOR AXIS: 25 kN MINOR AXIS: 7 kN GATE OPEN: 8 kN

> 7101 SERIES

CODE	PRODUCT	WEIGHT	GATE OPENING	DIMENSIONS	CONFORMANCE
SGM7101TN	24kN D-Twist	63g	15mm	59×99mm	EN362:2004, EN12275:2013
SGM7101	24kN D-Straight	48g	19mm	59×99mm	EN12275:2013
SGM7101A	24kN D-Bent	48g	21mm	59×99mm	EN12275:2013
SGM7101B	24kN D-Screw	51g	16mm	59×99mm	EN362:2004, EN12275:2013

> 7103 SERIES

CODE	PRODUCT	WEIGHT	GATE OPENING	DIMENSIONS	CONFORMANCE
SGM7103TN3	Asymmetric HMS Triact	91g	22	72x114mm	EN362:2004, EN12275:2013
SGM7103TN	Asymmetric HMS Twist	89g	22	72x114mm	EN362:2004 EN12275:2013



> 7104 SERIES

MAJOR AXIS: 25 kN MINOR AXIS: 7 kN GATE OPEN: 8 kN

> 7105

MAJOR AXIS: 25 kN MINOR AXIS: 8 kN GATE OPEN: 8 kN

> 7104 SERIES

CODE	PRODUCT	WEIGHT	GATE OPENING	DIMENSIONS	CONFORMANCE
SGM7104B	Curved D- Screw	62g	16mm	60×100mm	EN362:2004, EN12275:2013
SGM7104	Curved D-Straight	56g	16mm	60×100mm	EN 12275:2013

> 7105

CODE	PRODUCT	WEIGHT	GATE OPENING	DIMENSIONS	CONFORMANCE
SGM7105B	HMS Screw	82g	20mm	73x116mm	/



> 7106 SERIES

MAJOR AXIS: 22 kN MINOR AXIS: 7 kN GATE OPEN: 7 kN

> 7107 SERIES

MAJOR AXIS: 25 kN MINOR AXIS: 9 kN GATE OPEN: 7 kN
SGM7107 MAJOR AXIS: 25 kN MINOR AXIS: 9 kN GATE OPEN: 8 kN

> 7106 SERIES

CODE	PRODUCT	WEIGHT	GATE OPENING	DIMENSIONS	CONFORMANCE
SGM7106	Engraved D- Straight	43g	20mm	58×99mm	/
SGM7106A	Engraved D- Bent	43g	22mm	58×99mm	/

> 7107 SERIES

CODE	PRODUCT	WEIGHT	GATE OPENING	DIMENSIONS	CONFORMANCE
SGM7107TN3	Offset HMS Triact	89g	23	74x111mm	EN362:2004, EN12275:2013
SGM7107	Offset HMS Straight	76g	25	74x111mm	EN 12275:2013
SGM7107B	Offset HMS Screw	82g	22	74x111mm	EN362:2004, EN12275:2013
SGM7107TN	Offset HMS Twist	88g	23	74x111mm	EN362:2004, EN12275:2013



> 7108 SERIES

MAJOR AXIS: 25 kN MINOR AXIS: 8 kN GATE OPEN: 7 kN
 SGM7108 MAJOR AXIS: 25 kN MINOR AXIS: 8 kN GATE OPEN: 6 kN
 SGM7108C MAJOR AXIS: 25 kN MINOR AXIS: 8 kN GATE OPEN: 6 kN

> 7109 SERIES

MAJOR AXIS: 23 kN MINOR AXIS: 7 kN GATE OPEN: 7 kN
 SGM7109TN3 MAJOR AXIS: 25 kN MINOR AXIS: 7 kN GATE OPEN: 7 kN

> 7108 SERIES

CODE	PRODUCT	WEIGHT	GATE OPENING	DIMENSIONS	CONFORMANCE
SGM7108TN3	Oval Triact	83g	18mm	60×111mm	EN362:2004, EN12275:2013
SGM7108	Oval Straight	72g	21mm	60×111mm	EN 12275:2013
SGM7108C	Oval Curved Straight	68g	22mm	60×111mm	EN 12275:2013
SGM7108B	Oval Screw	75g	18mm	60×111mm	EN362:2004, EN12275:2013
SGM7108TN	Oval Twist	80g	18mm	60×111mm	EN362:2004, EN12275:2013

> 7109 SERIES

CODE	PRODUCT	WEIGHT	GATE OPENING	DIMENSIONS	CONFORMANCE
SGM7109TN3	D-Triact Carabiner	79g	20mm	66×106mm	EN362:2004, EN12275:2013
SGM7109	D-Straight Carabiner	66g	23mm	66×106mm	EN 12275:2013
SGM7109B	D-Screw Carabiner	70g	20mm	66×106mm	EN362:2004, EN12275:2013
SGM7109TN	D-Twist Carabiner	77g	20mm	66×106mm	EN362:2004, EN12275:2013



> 7116 TN3

MAJOR AXIS: 20 kN MINOR AXIS: 15 kN GATE OPEN: 7 kN

> 7111 SERIES

MAJOR AXIS: 30 kN MINOR AXIS: 9 kN GATE OPEN: 9 kN

> 7116 TN3

CODE	PRODUCT	WEIGHT	GATE OPENING	DIMENSIONS	CONFORMANCE
SGM7116TN3	Semi-Circle Triact	95g	24mm	70×100mm	EN362:2004, EN12275:2013

> 7111 SERIES

CODE	PRODUCT	WEIGHT	GATE OPENING	DIMENSIONS	CONFORMANCE
SGM7111TN3	H Section D-Triact	83g	22mm	69×116mm	EN362:2004, EN12275:2013
SGM7111	H Section D-Straight	72g	24mm	69×116mm	EN 12275:2013
SGM7111B	H Section D-Screw	79g	22mm	69×116mm	EN362:2004, EN12275:2013
SGM7111TN	H Section D-Twist	82g	22mm	69×116mm	EN362:2004, EN12275:2013



> 7112 SERIES

MAJOR AXIS: 30 kN MINOR AXIS: 9 kN GATE OPEN: 9 kN

> 7114 SERIES

MAJOR AXIS: 23 kN MINOR AXIS: 7 kN GATE OPEN: 7 kN

> 7112 SERIES

CODE	PRODUCT	WEIGHT	GATE OPENING	DIMENSIONS	CONFORMANCE
SGM7112TN3	Robust D-Triact	88g	22mm	74×113mm	EN362:2004, EN12275:2013
SGM7112	Robust D-Straight	76g	25mm	74×113mm	EN 12275:2013
SGM7112B	Robust D-Screw	81g	22mm	74×113mm	EN362:2004, EN12275:2013
SGM7112TN	Robust D-Twist	87g	22mm	74×113mm	EN362:2004, EN12275:2013

> 7114 SERIES

CODE	PRODUCT	WEIGHT	GATE OPENING	DIMENSIONS	CONFORMANCE
SGM7114TN3	Engraved Frame D-Triact	63g	16mm	60×105mm	/
SGM7114TN3H	Engraved Frame D-Triact with Pin	65g	16mm	60×105mm	/



> 7117 SERIES

MAJOR AXIS: 25 kN MINOR AXIS: 10 kN GATE OPEN: 8 kN



> 7118 SERIES

MAJOR AXIS: 23 kN MINOR AXIS: 8 kN GATE OPEN: 8 kN

> 7117 SERIES

CODE	PRODUCT	WEIGHT	GATE OPENING	DIMENSIONS	CONFORMANCE
SGM7117TN3	Vertical Triact	96g	26mm	74×124mm	EN362:2004, EN12275:2013
SGM7117	Vertical Straight	83g	28mm	74×124mm	EN 12275:2013
SGM7117B	Vertical Screw	89g	26mm	74×124mm	EN362:2004, EN12275:2013
SGM7117T	Vertical Pushdown	94g	25mm	74×124mm	EN 12275:2013
SGM7117TN	Vertical Twist	95g	26mm	74×124mm	EN362:2004, EN12275:2013

> 7118 SERIES

CODE	PRODUCT	WEIGHT	GATE OPENING	DIMENSIONS	CONFORMANCE
SGM7118B	Curved D-Screw	56g	22mm	64×100mm	EN362:2004, EN12275:2013
SGM7118	Curved D- Straight	48g	22mm	64×100mm	EN 12275:2013
SGM7118A	Curved D-Bent	48g	25mm	64×100mm	EN 12275:2013



> 7110 TN

MAJOR AXIS: 35 kN MINOR AXIS: 12kN GATE OPEN: 16kN



> 7113 TN

MAJOR AXIS: 20 kN MINOR AXIS: 7 kN GATE OPEN: 7 kN

> 7110 TN

CODE	PRODUCT	WEIGHT	GATE OPENING	DIMENSIONS	CONFORMANCE
SGM7110TN	Via Ferrata	127g	24mm	72×140mm	EN362:2004, EN12275:2013

> 7113 TN

CODE	PRODUCT	WEIGHT	GATE OPENING	DIMENSIONS	CONFORMANCE
SGM7113TN	Trapezium Triact	94g	13mm	52×77mm	/



> 7120 SERIES

BREAKING FORCE: 30 kN



> 7121 SERIES

MAJOR AXIS: 25 kN

> 7120 SERIES

CODE	PRODUCT	WEIGHT	GATE OPENING	DIMENSIONS	CONFORMANCE
SGM7120TN3	Carabiner with Eyelet Triact	102g	22mm	76×137mm	EN362:2004, EN12275:2013
SGM7120TN	Carabiner with Eyelet Twist	101g	22mm	76×137mm	EN362:2004, EN12275:2013

> 7121 SERIES

CODE	PRODUCT	WEIGHT	GATE OPENING	DIMENSIONS	CONFORMANCE
SGM7121TN3	Carabiner with Rotated Eyelet Triact	228g	24mm	79×179mm	EN362:2004, EN12275:2013
SGM7121TN	Carabiner with Rotated Eyelet Twist	227g	24mm	79×179mm	EN362:2004, EN12275:2013



> 7122SERIES

MAJOR AXIS: 22 kN MINOR AXIS: 8 kN GATE OPEN: 7 kN

> 7122 SERIES

CODE	PRODUCT	WEIGHT	GATE OPENING	DIMENSIONS	CONFORMANCE
SGM7122TN3	Hms Belay Triat	90g	24mm	77.9×115.1mm	EN362:2004, EN12275:2013
SGM7122B	Hms Belay Screw	88g	24mm	77.9×115.1mm	EN362:2004, EN12275:2013
SGM7122BS	Hms Belay Screw Safelock	88g	23mm	77.9×115.1mm	EN362:2004, EN12275:2013
SGM7122TN3S	Hms Belay Triat Safelock	90g	23mm	77.9×115.1mm	EN362:2004, EN12275:2013



> 7124 SERIES

MAJOR AXIS: 25 kN MINOR AXIS: 8 kN GATE OPEN: 7 kN

> 7130 SERIES

MAJOR AXIS: 30 kN MINOR AXIS: 9 kN GATE OPEN: 9 kN

> 7124 SERIES

CODE	PRODUCT	WEIGHT	GATE OPENING	DIMENSIONS	CONFORMANCE
SGM7124TN3	H Section O-Triact	84g	22mm	63×115mm	EN362:2004, EN12275:2013
SGM7124	H Section O-Straight	74g	24mm	63×115mm	/
SGM7124B	H Section O-Screw	80g	22mm	63×115mm	EN362:2004, EN12275:2013
SGM7124TN	H Section O- Twist	83g	22mm	63×115mm	EN362:2004, EN12275:2013

> 7130 SERIES

CODE	PRODUCT	WEIGHT	GATE OPENING	DIMENSIONS	CONFORMANCE
SGM7130TN3	D-Triactt	88g	21mm	72×112mm	EN362:2004, EN12275:2013
SGM7130	D-Straight	76g	24mm	72×112mm	EN12275:2013
SGM7130B	D-Screw	81g	21mm	72×112mm	EN362:2004, EN12275:2013
SGM7130TN	D-Twist	87g	21mm	72×112mm	EN362:2004, EN12275:2013



> 7132 SERIES

MAJOR AXIS: 25 kN MINOR AXIS: 8 kN GATE OPEN: 7 kN

> 7133 SERIE

MAJOR AXIS: 40 kN MINOR AXIS: 12 kN GATE OPEN: 13 kN

> 7132 SERIES

CODE	PRODUCT	WEIGHT	GATE OPENING	DIMENSIONS	CONFORMANCE
SGM7132TN3	Twisted Carabiner Triple Lock	86g	22mm	62×108mm	EN362:2004, EN12275:2013
SGM7132B	Screw Twisted Carabiner	78g	22mm	62×108mm	EN362:2004, EN12275:2013
SGM7132TN	Twisted Carabiner Twist Lock	83g	22mm	62×108mm	EN362:2004, EN12275:2013

> 7133 SERIE

CODE	PRODUCT	WEIGHT	GATE OPENING	DIMENSIONS	CONFORMANCE
SGM7133TN3	40kN H Section HMS Triact	140g	31mm	92×144mm	/



> 7135 SERIES

MAJOR AXIS: 25 kN MINOR AXIS: 8 kN GATE OPEN: 7 kN

> 7136 SERIES

MAJOR AXIS: 30 kN

> 7135 SERIES

CODE	PRODUCT	WEIGHT	GATE OPENING	DIMENSIONS	CONFORMANCE
SGM7135TN3	Oval Triact	83g	22mm	62×111mm	/
SGM7135	Oval Straight	72g	24mm	62×111mm	/
SGM7135C	Oval Curved Straight	68g	25mm	62×111mm	/
SGM7135B	Oval Screw	75g	22mm	62×111mm	/
SGM7135TN	Oval Twist	80g	22mm	62×111mm	/
SGM7135TN3H	Oval Triact with Pin	85g	22mm	62×111mm	/

> 7136 SERIES

CODE	PRODUCT	WEIGHT	GATE OPENING	DIMENSIONS	CONFORMANCE
SGM7136TN3	30kN Carabiner with Eyelet Triact	159g	22mm	81×141mm	EN362:2004, EN12275:2013
SGM7136TN	30kN Carabiner with Eyelet Twist	158g	22mm	81×141mm	EN362:2004, EN12275:2013



> 7137 SERIES

MAJOR AXIS: 30 kN MINOR AXIS: 10 kN GATE OPEN: 8 kN

> 7138 SERIES

MAJOR AXIS: 40 kN MINOR AXIS: 11 kN GATE OPEN: 11 kN

> 7137 SERIES

CODE	PRODUCT	WEIGHT	GATE OPENING	DIMENSIONS	CONFORMANCE
SGM7137TN3	30kN H Section O-Triact	98g	22mm	66×112mm	/
SGM7137B	30kN H Section O-Screw	92g	22mm	66×112mm	/
SGM7137TN	30kN H Section O-Twist	97g	22mm	66×112mm	/

> 7138 SERIES

CODE	PRODUCT	WEIGHT	GATE OPENING	DIMENSIONS	CONFORMANCE
SGM7138TN3	40kN Asymmetric HMS Triact	122g	22mm	62×111mm	/
SGM7138B	40kN Asymmetric HMS Screw	117g	24mm	62×111mm	/
SGM7138TN	40kN Asymmetric HMS Twist	121g	25mm	62×111mm	/



> 7139 SERIES

MAJOR AXIS: 40 kN MINOR AXIS: 11kN GATE OPEN: 11kN

> 7170 SERIES

MAJOR AXIS: 27 kN MINOR AXIS: 8 kN GATE OPEN: 7 kN

> 7139 SERIES

CODE	PRODUCT	WEIGHT	GATE OPENING	DIMENSIONS	CONFORMANCE
SGM7139TN	40kN Oval Twist	115g	22mm	69×121mm	/
SGM7139B	40kN Oval Screw	112g	22mm	69×121mm	/

> 7170 SERIES

CODE	PRODUCT	WEIGHT	GATE OPENING	DIMENSIONS	CONFORMANCE
SGM7170TN	27kN H Section D-Twist	79g	27mm	66×114mm	/
SGM7170B	27kN H Section D-Screw	76g	27mm	66×114mm	/
SGM7170	27kN H Section D-Straight	73g	27mm	66×114mm	/



> 8101 SERIES

MAJOR AXIS: 50 kN MINOR AXIS: 15 kN GATE OPEN: 10 kN

> 8102 SERIES

MAJOR AXIS: 35 kN MINOR AXIS: 7 kN GATE OPEN: 7 kN

> 8101 SERIES

CODE	PRODUCT	WEIGHT	GATE OPENING	DIMENSIONS	CONFORMANCE
SGM8101TN3	Alloy Steel D-Triact	241g	21mm	69×112mm	/
SGM8101B	Alloy Steel D-Screw	229g	22mm	69×112mm	EN362:2004, EN12275:2013
SGM8101TN	Alloy Steel D-Twist	237g	22mm	69×113mm	EN362:2004, EN12275:2013

> 8102 SERIES

CODE	PRODUCT	WEIGHT	GATE OPENING	DIMENSIONS	CONFORMANCE
SGM8102TN3	Alloy Steel Symmetrical O- Triact	203g	16mm	55×109mm	/
SGM8102B	Alloy Steel Symmetrical O- Twist	181g	16mm	55×109mm	EN362:2004, EN12275:2013
SGM8102TN	Alloy Steel Symmetrical O- Screw	199g	16mm	55×109mm	EN362:2004, EN12275:2013



> 8103

MAJOR AXIS: 50 kN MINOR AXIS: 13 kN GATE OPEN: 20 kN

> 8104

MAJOR AXIS: 30 kN MINOR AXIS: 9 kN GATE OPEN: 8 kN

> 8103

CODE	PRODUCT	WEIGHT	GATE OPENING	DIMENSIONS	CONFORMANCE
SGM8103TN3	Alloy Steel Large D - Triact	284g	26mm	79×118mm	/
SGM8103B	Alloy Steel Large D - Screw	264g	27mm	79×118mm	EN362:2004, EN12275:2013
SGM8103TN	Alloy Steel Large D - Twist	280g	26mm	79×118mm	EN362:2004, EN12275:2013

> 8104

CODE	PRODUCT	WEIGHT	GATE OPENING	DIMENSIONS	CONFORMANCE
SGM8104TN3	Alloy Steel Asymmetry O-Triact	185g	18mm	58×108mm	/
SGM8104B	Alloy Steel Asymmetry O-Screw	203g	17mm	59×108mm	EN362:2004, EN12275:2013
SGM8104TN	Alloy Steel Asymmetry O-Twist	207g	17mm	59×108mm	EN362:2004, EN12275:2013



> 8105 SERIES

MAJOR AXIS: 28 kN MINOR AXIS: 10kN GATE OPEN: 16kN

> 8106 SERIES

MAJOR AXIS: 40 kN

> 8105 SERIES

CODE	PRODUCT	WEIGHT	GATE OPENING	DIMENSIONS	CONFORMANCE
SGM8105	Alloy Steel D-Straight	155g	19.5mm	61×104mm	EN362:2004, EN12275:2013
SGM8105A	Alloy Steel D-Bent	155g	22.5mm	61×104mm	EN362:2004, EN12275:2013
SGM8105NS	Alloy Steel D Non-Slip	155g	19.5mm	61×104mm	/

> 8106 SERIES

CODE	PRODUCT	WEIGHT	GATE OPENING	DIMENSIONS	CONFORMANCE
SGM8106TN	Alloy Steel D -Twist	253g	19.5mm	68×112mm	/
SGM8106B	Alloy Steel D-Screw	211g	22mm	68×112mm	/



> 8107 SERIES

MAJOR AXIS: 65 kN



> 8108 SERIES

MAJOR AXIS: 36 kN

> 8107 SERIES

CODE	PRODUCT	WEIGHT	GATE OPENING	DIMENSIONS	CONFORMANCE
SGM8107TN3	Alloy Steel D-Triact	296g	29.5mm	72×128mm	/
SGM8107B	Alloy Steel D-Screw	275g	29.5mm	72×128mm	/
SGM8107TN	Alloy Steel D-Twist	295g	29.5mm	72×128mm	/

> 8108 SERIES

CODE	PRODUCT	WEIGHT	GATE OPENING	DIMENSIONS	CONFORMANCE
SGM8108TN3	Alloy Steel Squashing O- Triact	211g	24mm	63×113mm	/
SGM8108B	Alloy Steel Squashing O- Screw	190g	24mm	63×113mm	/
SGM8108TN	Alloy Steel Squashing O- Twist	210g	24mm	63×113mm	/



> 8109 SERIES

MAJOR AXIS: 40 kN MINOR AXIS: 21kN GATE OPEN: 15kN



> 0082 SERIES

MAJOR AXIS: 25 kN MAJOR AXIS: 50 kN MAJOR AXIS: 60 kN

> 8109 SERIES

CODE	PRODUCT	WEIGHT	GATE OPENING	DIMENSIONS	CONFORMANCE
SGM8109TN3	Alloy Steel O- Triact	220g	21mm	64×114mm	/
SGM8109B	Alloy Steel O- Screw	200g	21mm	64×114mm	/
SGM8109TN	Alloy Steel O- Twist	219g	21mm	64×114mm	/

> 0082 SERIES

CODE	PRODUCT	WEIGHT	GATE OPENING	DIMENSIONS	CONFORMANCE
SGM0082-8	8mm PPE Maillon Rapide	75g	10mm	8mm	EN362:2004, EN12275:2013
SGM0082-10	10mm PPE Maillon Rapide	103g	12mm	10mm	EN362:2004, EN12275:2013
SGM0082-12	12mm PPE Maillon Rapide	125g	13mm	12mm	EN362:2004, EN12275:2013



PPE products



> 5104

MAJOR AXIS: 23 kN



> 5105

MAJOR AXIS: 23 kN

> 5104

CODE	PRODUCT	WEIGHT	GATE OPENING	DIMENSIONS	CONFORMANCE
5104	Industrial Safety Hook	157g	/	71x135.6mm	/

> 5105

CODE	PRODUCT	WEIGHT	GATE OPENING	DIMENSIONS	CONFORMANCE
5105	Industrial Safety Hook	247g	/	63x151mm	/



>5101

MAJOR AXIS: 22 kN



>5102

MAJOR AXIS: 25 kN



>5103

MAJOR AXIS: 25 kN

>5101

CODE	PRODUCT	WEIGHT	GATE OPENING	DIMENSIONS	CONFORMANCE
5101	Load-Bearing D-ring	61g	/	66.5x72.5mm	/

>5102

CODE	PRODUCT	WEIGHT	GATE OPENING	DIMENSIONS	CONFORMANCE
5102	Load-Bearing D-ring	65g	/	73x83.5mm	/

>5103

CODE	PRODUCT	WEIGHT	GATE OPENING	DIMENSIONS	CONFORMANCE
5103	Load-Bearing D-ring	64g	/	73x82mm	/

ACCESSORY CARABINERS





> 7801 SERIES

NOT PPE

MAJOR AXIS: 12 kN

DIMENSIONS: 80mmx48mm

> 7802 SERIES

NOT PPE

MAJOR AXIS: 12 kN

DIMENSIONS: 81mmx48mm

> 7803 SERIES

NOT PPE

MAJOR AXIS: 12 kN

DIMENSIONS: 81mmx48mm

> 7801 SERIES

CODE	WEIGHT	PRODUCT	GATE OPENING
SGM7801TN	29g	Curved D-Twist	14mm
SGM7801	25g	Curved D- Straight	16mm
SGM7801A	25g	Curved D-Bent	17mm
SGM7801B	28g	Curved D-Screw	13mm
SGM7801S	22g	Curved D-Wire	20mm

> 7802 SERIES

CODE	WEIGHT	PRODUCT	GATE OPENING
SGM7802TN	29g	Wavy D-Twist	14mm
SGM7802	23g	Wavy D- Straight	16mm
SGM7802A	23g	Wavy D-Bent	17mm
SGM7802B	26g	Wavy D-Screw	13mm
SGM7802S	20g	Wavy D-Wire	20mm

> 7803 SERIES

CODE	WEIGHT	PRODUCT	GATE OPENING
SGM7803TN	29g	Engraved D-Twist	14mm
SGM7803	26g	Engraved D-Straight	16mm
SGM7803A	26g	Engraved D-Bent	17mm
SGM7803B	29g	Engraved D-Screw	13mm
SGM7803S	23g	Engraved D-Wire	20mm



> 7804 SERIES

NOT PPE

MAJOR AXIS: 12 kN

DIMENSIONS: 47mmx80mm



> 7819 SERIES

NOT PPE

MAJOR AXIS: 8 kN

DIMENSIONS: 34mmx61mm

> 7804 SERIE

CODE	PRODUCT	WEIGHT	GATE OPENING	CONFORMANCE
SGM7804TN	12kN Curved D-Twist	30g	14mm	/
SGM7804	12kN Curved D- Straight	26g	16mm	/
SGM7804A	12kN Curved D-Bent	26g	18mm	/
SGM7804B	12kN Curved D-Screw	28g	14mm	/
SGM7804S	12kN Curved D-Wire Gate	23g	21mm	/

> 7819 SERIE

CODE	PRODUCT	WEIGHT	GATE OPENING	CONFORMANCE
SGM7819TN	12kN H Section O-Twist	20g	11mm	/
SGM7819	12kN H Section O-Staight	16g	12.5mm	/
SGM7819B	12kN H Section O-Screw	18g	11mm	/



› 7102 S

PPE
 MAJOR AXIS: 22 kN WEIGHT: 34 g
 DIMENSIONS: 90mmx54mm



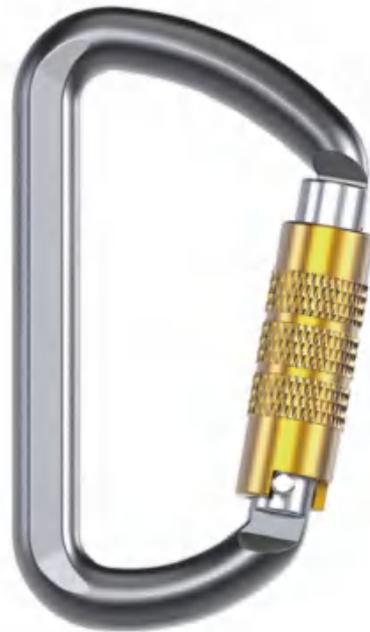
› 7806 S

NOT PPE
 MAJOR AXIS: 12 kN WEIGHT: 19 g
 DIMENSIONS: 80mmx45mm



› 7807 SERIES

NOT PPE
 MAJOR AXIS: 6 kN
 DIMENSIONS: 65mmx41mm



› 7808 SERIES

NOT PPE
 MAJOR AXIS: 11 kN
 DIMENSIONS: 81mmx45mm





› 7809 S

NOT PPE

MAJOR AXIS: 12 kN WEIGHT: 25 g
 DIMENSIONS: 82mmx51mm



› 7818 S

NOT PPE

MAJOR AXIS: 16 kN WEIGHT: 25 g
 DIMENSIONS: 82mmx52mm

› 7102 S

CODE	PRODUCT	GATE OPENING	CONFORMANCE
SGM7102S	PPE WireGate	22mm	EN 12275:2013

› 7806 S

CODE	PRODUCT	GATE OPENING
SGM7806S	Trim D Shaped Wire Gate Carabiner	20mm

› 7807 SERIES

CODE	WEIGHT	PRODUCT	GATE OPENING
SGM7807	14g	D-Straight Carabiner	13mm
SGM7807B	15g	D- Screw Carabiner	12mm

› 7808 SERIES

CODE	WEIGHT	PRODUCT	GATE OPENING
SGM7808TN	30g	D- TWIST	14mm
SGM7808	25g	D-STRAIGHT CARABINER	17mm
SGM7808B	27g	D-SCREW CARABINER	14mm
SGM7808H	26g	D-STRAIGHT WITH PIN	17mm
SGM7808BH	28g	D-SCREW WITH PIN	14mm
SGM7808TNH	31g	D-TWIST- WITH PIN	14mm

› 7809 S

CODE	GATE OPENING	PRODUCT
7809S	21mm	7109 Wire Gate Carabiner

› 7818 S

CODE	PRODUCT	GATE OPENING
SGM7804S	D-Wire Gate Carabiner	22mm



› 7801D SERIES

MAJOR AXIS: 4 kN
GATE OPENING: 13mm



› 7801DB SERIES

MAJOR AXIS: 4 kN
GATE OPENING: 12mm



› 7801DTN SERIES

MAJOR AXIS: 4 kN
GATE OPENING: 11mm

› 7801D SERIES

CODE	LENGTH	WEIGHT	PRODUCT
SGM7801D1	89mm	20g	16mm Curved Swivel carabiner Straight
SGM7801D2	87mm	22g	25mm Curved Swivel carabiner Straight
SGM7801D3	91mm	21g	15mm Curved Swivel carabiner Straight
SGM7801D4	86mm	20g	20mm Curved Swivel carabiner Straight

› 7801DB SERIES

CODE	LENGTH	WEIGHT	PRODUCT
SGM7801D1B	89mm	22g	16mm Curved Swivel carabiner Screw
SGM7801D2B	87mm	24g	25mm Curved Swivel carabiner Screw
SGM7801D3B	91mm	23g	15mm Curved Swivel carabiner Screw
SGM7801D4B	86mm	22g	20mm Curved Swivel carabiner Screw

› 7801DTN SERIES

CODE	LENGTH	WEIGHT	PRODUCT
SGM7801D1TN	89mm	23g	16mm Curved Swivel carabiner Twist
SGM7801D2TN	87mm	25g	25mm Curved Swivel carabiner Twist
SGM7801D3TN	91mm	24g	15mm Curved Swivel carabiner Twist
SGM7801D4TN	86mm	23g	20mm Curved Swivel carabiner Twist



> 7803D SERIES

MAJOR AXIS: 4 kN
GATE OPENING: 13mm



> 7803DB SERIES

MAJOR AXIS: 4 kN
GATE OPENING: 11mm



> 7803DTN SERIES

MAJOR AXIS: 4 kN
GATE OPENING: 11mm

> 7803D SERIES

CODE	LENGTH	WEIGHT	PRODUCT
SGM7803D1	89mm	21g	16mm Wavy Swivel carabiner Straight
SGM7803D2	87mm	23g	25mm Wavy Swivel carabiner Straight
SGM7803D3	91mm	22g	15mm Wavy Swivel carabiner Straight
SGM7803D4	86mm	21g	20mm Wavy Swivel carabiner Straight

> 7803DB SERIES

CODE	LENGTH	WEIGHT	PRODUCT
SGM7803D1B	89mm	22g	16mm Wavy Swivel carabiner Screw
SGM7803D2B	87mm	24g	25mm Wavy Swivel carabiner Screw
SGM7803D3B	91mm	23g	15mm Wavy Swivel carabiner Screw
SGM7803D4B	86mm	22g	20mm Wavy Swivel carabiner Screw

> 7803DTN SERIES

CODE	LENGTH	WEIGHT	PRODUCT
SGM7803D1TN	89mm	23g	16mm Wavy Swivel carabiner Twist
SGM7803D2TN	87mm	25g	25mm Wavy Swivel carabiner Twist
SGM7803D3TN	91mm	24g	15mm Wavy Swivel carabiner Twist
SGM7803D4TN	86mm	23g	20mm Wavy Swivel carabiner Twist



› 7805DE SERIES

MAJOR AXIS: 4 kN
GATE OPENING: 9mm



› 7805DS SERIES

MAJOR AXIS: 4 kN
GATE OPENING: 10mm

› 7805DE SERIES

CODE	LENGTH	WEIGHT	PRODUCT
SGM7805D1E	75mm	16g	16mm Curved Swivel carabiner Bent
SGM7805D2E	72mm	18g	25mm Curved Swivel carabiner Bent
SGM7805D3E	77mm	17g	15mm Curved Swivel carabiner Bent
SGM7805D4E	72mm	16g	20mm Curved Swivel carabiner Bent

› 7805DS SERIES

CODE	LENGTH	WEIGHT	PRODUCT
SGM7805D1S	75mm	16g	16mm Curved Swivel carabiner Wire
SGM7805D2S	73mm	17g	25mm Curved Swivel carabiner Wire
SGM7805D3S	77mm	16g	15mm Curved Swivel carabiner Wire
SGM7805D4S	72mm	16g	20mm Curved Swivel carabiner Wire



> 7810 SERIES

MAJOR AXIS: 4 kN

> 7810DB SERIES

CODE	LENGTH	WEIGHT	GATE OPENING	PRODUCT
SGM7810D4B	69mm	15g	5mm	20mm Acc swivel Screw-lock
SGM7810D5B	67mm	14g	5mm	9mm Acc swivel Screw-lock
SGM7810D7B	68mm	15g	5mm	20mm Acc triangle swivel Screw-lock



› SWIVEL 1

CODE: D1+D4
DIMENSIONS: 16mm Ring+20mm Ring
MAJOR AXIS: 4 kN



› SWIVEL 2

CODE: D1+D3
DIMENSIONS: 16mm Ring+15mm Ring
MAJOR AXIS: 4 kN



› SWIVEL 3

CODE: D1+D2
DIMENSIONS: 16mm Ring+25mm Ring
MAJOR AXIS: 4 kN



› SWIVEL 4

CODE: D1+D1
DIMENSIONS: 16mm Ring+16mm Ring
MAJOR AXIS: 4 kN



› SWIVEL 5

CODE: D4+D4
DIMENSIONS: 20mm Ring+20mm Ring
MAJOR AXIS: 4 kN



› SWIVEL 6

CODE: D2+D4
DIMENSIONS: 25mm Ring+20mm Ring
MAJOR AXIS: 4 kN



› SWIVEL 7

CODE: D2+D3
DIMENSIONS: 25mm Ring+15mm Ring
MAJOR AXIS: 4 kN



› SWIVEL 8

CODE: D2+D2
DIMENSIONS: 25mm Ring+25mm Ring
MAJOR AXIS: 4 kN



› SWIVEL 9

CODE: D3+D4
DIMENSIONS: 15mm Ring+20mm Ring
MAJOR AXIS: 4 kN



› SWIVEL 10

CODE: D3+D3
DIMENSIONS: 15mm Ring+15mm Ring
MAJOR AXIS: 4 kN