PINGLI®

Bringing Safety
to the World

Dongguan Pingli Hardware Co., Ltd.

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PINGLI®

Ceaselessly improve
product safety

Dongguan Pingli Hardware Co., Ltd.

Version: 3

Company Profile

Dongguan Pingli Hardware Co., Ltd. is a national high-tech enterprise integrating R&D, production and sales of eyebolts, swivel lifting eyebolt, chain sling and other safety products. Founded in November 2006, the Company was established in November 2013, with a plant area of more than 7,700 square meters, with a number of special production equipment and advanced testing equipment, an independent product mechanics testing center, a physical and chemical test center, a professional technical design and management team. The company has passed the ISO9001 quality management system certification and has a number of product patents. The products developed and produced by the company have obtained the EU CE safety certification, the German DGUV certification and the CCS certification of the China Classification Society. The products have been insured globally by PICC People's Insurance Corporation of China, including the United States and Canada.

Adhering to the quality concept of "Safety First" and the customer service tenet of "Service Upmost", PINGLI is committed to providing customers with safe and reliable lifting products and developing "Pingli" into an international brand.

平力®

PINGLI® YTJ®

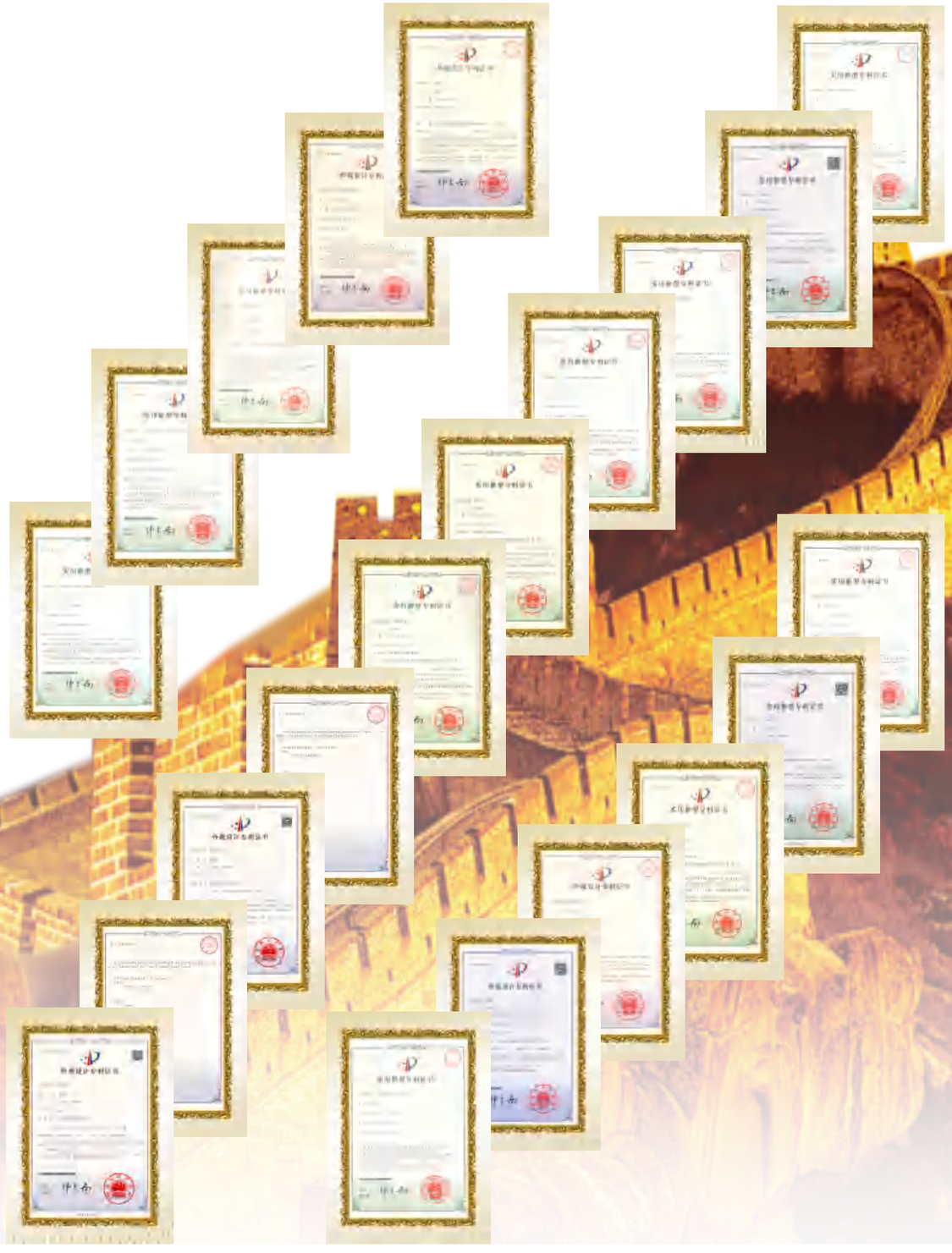
Vision: Apply PINGLI products to worldwide equipment;

Business Concept: Service Upmost, Safety First

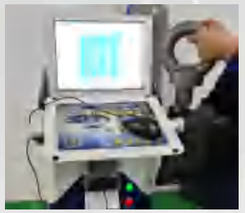
Quality Policy: Make each product with superior quality for safety guarantee, and ceaselessly improve product safety!

PINGLI Product Certification

PINGLI Product Patent Certificate

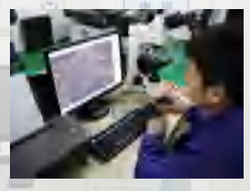


Product quality assurance



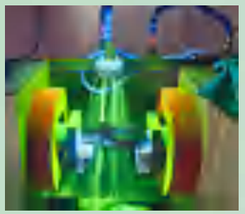
Product raw material (steel billet) control:
Spectral detection and analysis of raw materials to ensure that the alloy element content of all raw materials meets the standards.

Product processing process control testing:
Each processing sequence strictly implements first inspection, self inspection, and special inspection to ensure that the product processing accuracy fully meets the design requirements.



Product heat treatment control testing:
After heat treatment, hardness testing and metallographic micro control are carried out to ensure that the internal structure of the product material is uniform and meets technical requirements.

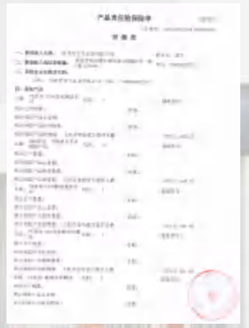
Product Thread Processing and Control:
The thread accuracy is 6g, and the thread is 100% inspected with a go/no go gauge to ensure that the thread fully meets the standard requirements.



Product magnetic particle inspection:
Perform magnetic particle testing on the product to ensure that there are no cracks.

Product tensile test:
The product is tested at a load of 4 times the static strength safe working load to ensure that the product load meets technical requirements.

Product fatigue testing:
The product undergoes 20000 dynamic fatigue tests at 1.5 times the safe working load to ensure that it meets technical requirements.



Product shipment:
The product is shipped with thread protection using a rubber sleeve, packaged with model foam and special cardboard boxes, and equipped with a product certificate and safety operation manual to ensure that the product is not damaged and guide employees to standardize safe use and operation.

Product Liability Insurance:
The product is covered by product liability insurance, and we will be responsible for any safety accidents caused by product quality while ensuring accurate and standardized use of the product.

Provide product technical support (training) and annual product inspection services:
Obligation to provide technical support and training services to customers, and provide annual inspection services for our company's products to ensure their safe and sustainable use.

Product Catalog List

PA G100 Universal Swivel Lifting Eyebolts

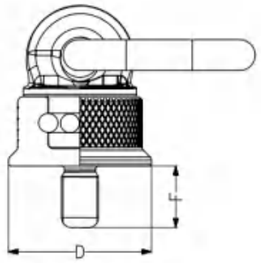
Manufacture and test criteria:

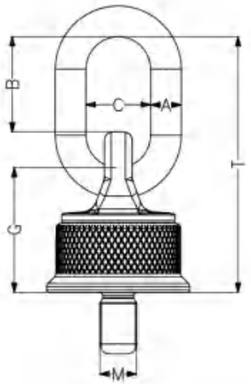
EN ISO 12100:2010,EN ISO 3266:2010+A1:2015,EN 1677–1:2000+A1:2008

Patent No.:ZL 2016 3 0014589.0　ZL 2017 2 0145134.1　ZL 2021 3 0357121.2

Manufacturing process: high-strength alloy steel - forging forming - normalizing treatment - rough machining - quenching and tempering treatment - precision machining - surface treatment

Drawing / Product specification





Metric Thread(PA)

Model	M	A±1	B±5	C±3	D±0.5	F±0.2	G±2	T±5	Weight(KG)
PA-M8	M8x1.25	14	44	37	60	13	62	122	1.2
PA-M10	M10x1.5	14	44	37	60	17	62	122	1.25
PA-M12	M12x1.75	14	44	37	60	21	62	122	1.3
PA-M16	M16x2.0	14	44	37	60	27	62	122	1.35
PA-M20	M20x2.5	20	67	42	70	33	78	162	2.4
PA-M24	M24x3.0	20	67	42	81	40	80	165	3.4
PA-M30	M30x3.5	22	87	51	93	50	96	211	4.34
PA-M36	M36x4.0	25	82	51	93	54	96	206	4.8
PA-M42	M42x4.5	25	111	65	105	63	109	250	6.48
PA-M48	M48x5.0	25	111	65	105	68	109	250	6.74
PA-M56	M56x5.5	32	119	70	125	84	131	285	10.8
PA-M64	M64x6.0	32	119	70	125	94	131	285	11.53
PA-M72	M72x6.0	45	132	90	170	108	163	342	26.7
PA-M80	M80x6.0	45	132	90	170	120	163	342	27.8
PA-M90	M90x6.0	45	132	90	170	135	163	342	30.6

UNC Thread(PA)

Model	M	A±1	B±5	C±3	D±0.5	F±0.2	G±2	T±5	Weight(KG)
PA-U5/16	UNC5/16-18	14	44	37	60	13	62	122	1.2
PA-U3/8	UNC3/8-16	14	44	37	60	17	62	122	1.25
PA-U1/2	UNC1/2-13	14	44	37	60	21	62	122	1.3
PA-U5/8	UNC5/8-11	14	44	37	60	27	62	122	1.35
PA-U3/4	UNC3/4-10	20	67	42	70	33	78	162	2.4
PA-U7/8	UNC7/8-9	20	67	42	81	40	80	165	3.4
PA-U1"	UNC1"-8	20	67	42	81	40	80	165	3.5
PA-U1 1/4	UNC1 1/4-7	22	87	51	93	50	96	211	4.4
PA-U1 1/2	UNC1 1/2-6	25	82	51	93	54	96	206	4.9
PA-U1 3/4	UNC1 3/4-5	25	111	65	105	63	109	250	6.5
PA-U2"	UNC2"-4 1/2	25	111	65	105	68	109	250	6.8
PA-U2 1/2	UNC2 1/2-4	32	119	70	125	94	131	285	11.5

Product Features:

- With unique ball bearing design, the eyebolt can rotate 360° and turn 230° for lifting. Four times of safety factor shall be ensured in any force direction.
- The eyebolt is forged from G100 high-strength molybdenum alloy steel, and subject to quenching and tempering to achieve sufficient strength and toughness.
- The eyebolt is manufactured and tested in accordance with EN1677-1 and other relevant specifications. The products have been certificated for EuroCert CE.
- All products can be traced for quality through the test reports.
- The metric thread of the eyebolt complies with DIN EN 13 (M-6g), the UNC thread complies with ASME/ANSI B18.3.1M (UNC-2A), and the threads are 100% tested by go-no go fixed gauges, and the outer diameter tolerance of the thread is accurate to 6g.
- The products are tested by magnetic particle to ensure that they are free of cracks.
- The products are subject to dynamic fatigue limit test for 20,000 times under 1.5 times of working limit load.
- The eyebolt base with circular knurled design is easy to install and remove.
- Some product are numbered, convenient for traceability.

Eyebolt Operation:

- The thread hole is sufficiently long to ensure that the eyebolt thread is completely screwed in;
- The eyebolt thread is securely fastened and fitted tightly to the contact surface (screwed in manually; not allowed to be tightened with tools);
- When the loading ring is in the vertical lifting direction, the load can be reached.
- It can rotate under rated load. However, it is not suitable for permanent rotation at full load in 90° direction.
- Any operation shall be Any operation shall be performed in strict accordance with the product operation manual.

Lifting Method And Load Table

Lifting method											
Number of lifting points		1	2	1	2	2	2	2	3-4	3-4	3-4
Lifting angle		0°	0°	90°	90°	≤90°	90–120°	≤90°	≤90°	90–120°	≤90°
Model	Thread size	Working Load Limit (WLL) t									
PA-M8	M8x1.25	0.6	1.2	**0.3(0.4)**	0.6	0.4	0.3	0.3	0.6	0.4	0.3
PA-M10	M10x1.5	0.9	1.8	**0.45(0.6)**	0.9	0.6	0.4	0.4	0.9	0.6	0.4
PA-M12	M12x1.75	1.2	2.4	**0.6(0.8)**	1.2	0.8	0.6	0.6	1.2	0.9	0.6
PA-M16	M16x2.0	2.6	5.2	**1.3(1.5)**	2.6	1.8	1.3	1.3	2.7	1.9	1.3
PA-M20	M20x2.5	4	8	**2(2.5)**	4	2.8	2	2	4.2	3	2
PA-M24	M24x3.0	7	14	**3.5(4.0)**	7	4.9	3.5	3.5	7.3	5.2	3.5
PA-M30	M30x3.5	10	20	**5(6.0)**	10	7	5	5	10.5	7.5	5
PA-M36	M36x4.0	15	30	**8(9.0)**	16	11.2	8	8	16.8	12	8
PA-M42	M42x4.5	17	34	**12(12)**	24	16.8	12	12	25.2	18	12
PA-M48	M48x5.0	18	36	**13(15)**	26	18.2	13	13	27.3	19.5	13
PA-M56	M56x5.5	28	56	**16(22)**	32	22.4	16	16	33.6	24	16
PA-M64	M64x6.0	28	56	**16(25)**	32	22.4	16	16	33.6	24	16
PA-M72	M72x6.0	50	100	**31.5(38)**	63	44.1	31.5	31.5	66.15	47.25	31.5
PA-M80	M80x6.0	50	100	**35(42)**	70	49	35	35	73.5	52.5	35
PA-M90	M90x6.0	50	100	**40(45)**	80	56	40	40	84	60	40

Lifting Method And Load Table

PA-U5/16	UNC5/16-18	0.6	1.2	**0.3(0.4)**	0.6	0.4	0.3	0.3	0.6	0.4	0.3
PA-U3/8	UNC3/8-16	0.9	1.8	**0.45(0.6)**	0.9	0.6	0.45	0.45	0.9	0.6	0.45
PA-U1/2	UNC1/2-13	1.2	2.4	**0.6(0.8)**	1.2	0.8	0.6	0.6	1.2	0.9	0.6
PA-U5/8	UNC5/8-11	2.6	5.2	**1.3(1.5)**	2.6	1.8	1.3	1.3	2.7	1.9	1.3
PA-U3/4	UNC3/4-10	4	8	**2(2.5)**	4	2.8	2	2	4.2	3.0	2
PA-U7/8	UNC7/8-9	6	12	**3(3.5)**	6	4.2	3	3	6.3	4.4	3
PA-U1"	UNC1"-8	7	14	**3.5(4.0)**	7	4.9	3.5	3.5	7.4	5.2	3.5
PA-U1 1/4	UNC1 1/4-7	10	20	**5(6.0)**	10	7.0	5	5	10.5	7.5	5
PA-U1 1/2	UNC1 1/2-6	16	32	**8(9.0)**	16	11.2	8	8	16.8	12.0	8
PA-U1 3/4	UNC1 3/4-5	17	48	**12(12)**	24	16.8	12	12	25.2	18.0	12
PA-U2"	UNC2"-4 1/2	18	52	**13(15)**	26	18.2	13	13	27.3	19.5	13
PA-U2 1/2	UNC2 1/2-4	28	56	**16(25)**	32	22.4	16	16	33.6	24.0	16

PE G80 Universal Swivel Lifting Eyebolts

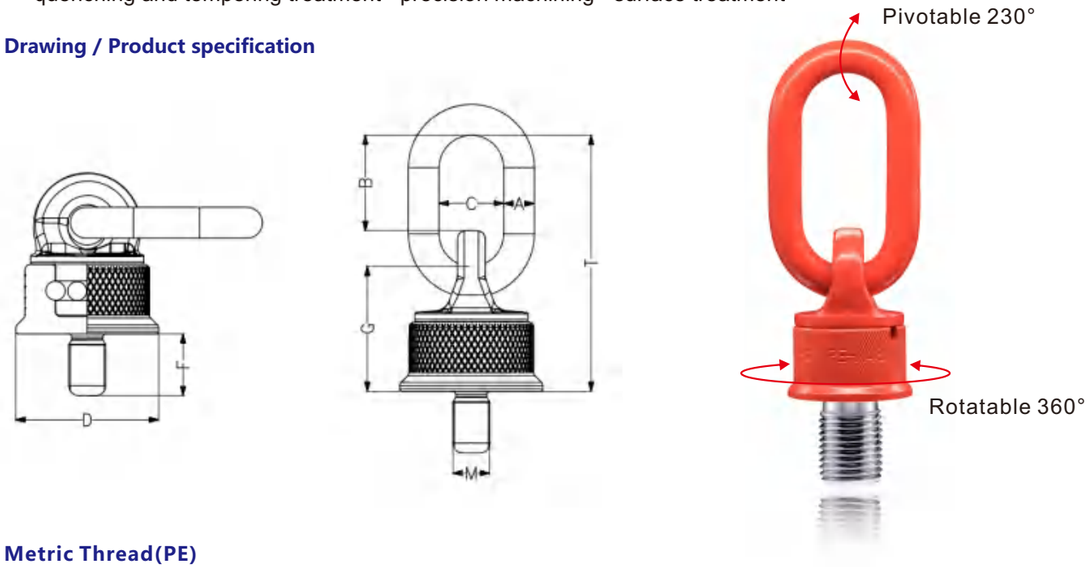
Manufacture and test criteria:

EN ISO 12100:2010,EN ISO 3266:2010+A1:2015,EN 1677–1:2000+A1:2008

Patent No.:ZL 2021 3 0357121.2

Manufacturing process: high-strength alloy steel - forging forming - normalizing treatment - rough machining - quenching and tempering treatment - precision machining - surface treatment

Drawing / Product specification



Metric Thread(PE)

Model	M	A±1	B±5	C±3	D±0.5	F±0.2	G±2	T±5	Weight(KG)
PE-M8	M8x1.25	13	44	31	40	13	44	98	1.08
PE-M10	M10x1.5	13	44	31	40	17	44	98	1.1
PE-M12	M12x1.75	14	44	37	60	21	62	122	1.1
PE-M16	M16x2.0	14	44	37	60	27	62	122	1.15
PE-M20	M20x2.5	20	68	42	70	33	78	163	2.3
PE-M24	M24x3.0	20	68	42	70	40	78	163	2.75
PE-M30	M30x3.5	22	85	51	81	50	90	200	3.8
PE-M36	M36x4.0	26	83	51	81	54	90	198	4.25
PE-M42	M42x4.5	26	112	63	93	63	97	236	5.85
PE-M48	M48x5.0	26	112	63	93	68	97	236	6.02
PE-M56	M56x5.5	32	126	70	105	84	124	278	9.91
PE-M64	M64x6.0	32	126	70	105	94	124	278	10.55
PE-M72	M72x6.0	45	139	90	145	108	165	344	24.8
PE-M80	M80x6.0	45	139	90	145	120	165	344	25.53
PE-M90	M90x6.0	45	139	90	170	135	165	344	29.05
PE-M100	M100x6.0	45	139	90	170	150	165	344	30.5

UNC Thread(PE)

Model	M	A±1	B±5	C±3	D±0.5	F±0.2	G±2	T±5	Weight(KG)
PE-U5/16	UNC5/16-18	13	44	31	40	13	44	98	1.08
PE-U3/8	UNC3/8-16	13	44	31	40	17	44	98	1.1
PE-U1/2	UNC1/2-13	14	44	37	60	21	62	122	1.1
PE-U5/8	UNC5/8-11	14	44	37	60	27	62	122	1.15
PE-U3/4	UNC3/4-10	20	68	42	70	33	78	163	2.3
PE-U7/8	UNC7/8-9	20	68	42	70	40	78	163	2.75
PE-U1"	UNC1"-8	20	68	42	70	40	78	163	2.8
PE-U1 1/4	UNC1 1/4-7	22	85	51	81	50	90	200	3.96
PE-U1 1/2	UNC1 1/2-6	26	83	51	81	54	90	198	4.48
PE-U1 3/4	UNC1 3/4-5	26	112	63	93	63	97	236	6.23
PE-U2"	UNC2"-4 1/2	26	112	63	93	68	97	236	6.41
PE-U2 1/2	UNC2 1/2-4	32	126	70	105	94	124	278	10.54

Product Features:

- With unique ball bearing design, the eyebolt can rotate 360° and turn 230° for lifting. Four times of safety factor shall be ensured in any force direction.
- The eyebolt is forged from G80 high-strength molybdenum alloy steel, and subject to quenching and tempering to achieve sufficient strength and toughness.
- The eyebolt is manufactured and tested in accordance with EN1677-1 and other relevant specifications. The products have been certificated for EuroCert CE.
- All products can be traced for quality through the test reports.
- The metric thread of the eyebolt complies with DIN EN 13 (M-6g), the UNC thread complies with ASME/ANSI B18.3.1M (UNC-2A), and the threads are 100% tested by go-no go fixed gauges, and the outer diameter tolerance of the thread is accurate to 6g.
- The products are tested by magnetic particle to ensure that they are free of cracks.
- The products are subject to dynamic fatigue limit test for 20,000 times under 1.5 times of working limit load.
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- Some product are numbered, convenient for traceability.

Eyebolt Operation:

- The thread hole is sufficiently long to ensure that the eyebolt thread is completely screwed in;
- The eyebolt thread is securely fastened and fitted tightly to the contact surface (screwed in manually; not allowed to be tightened with tools);
- When the loading ring is in the vertical lifting direction, the load can be reached.
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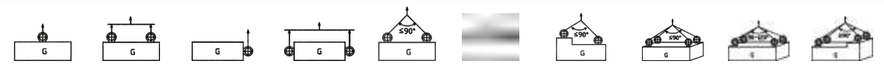
Lifting Method And Load Table



Number of lifting points		1	2	1	2	2	2	2	3-4	3-4	3-4
Lifting angle		0°	0°	90°	90°	≤90°	90–120°	≤90°	≤90°	90–120°	≤90°
Model	Thread size	Working Load Limit (WLL) t									
PE-M8	M8x1.25	0.6	1.2	**0.3(0.4)**	0.6	0.4	0.3	0.3	0.6	0.4	0.3
PE-M10	M10x1.5	0.9	1.8	**0.45(0.6)**	0.9	0.6	0.4	0.4	0.9	0.6	0.4
PE-M12	M12x1.75	1.1	2.2	**0.55(0.8)**	1.1	0.77	0.55	0.55	1.1	0.83	0.55
PE-M16	M16x2.0	2.4	4.8	**1.2(1.5)**	2.4	1.68	1.2	1.2	2.4	1.8	1.2
PE-M20	M20x2.5	3.8	7.6	**1.9(2.1)**	3.8	2.66	1.9	1.9	3.8	2.85	1.9
PE-M24	M24x3.0	6.4	12.8	**3.2(3.5)**	6.4	4.48	3.2	3.2	6.4	4.8	3.2
PE-M30	M30x3.5	9	18	**4.5(5.0)**	9	6.3	4.5	4.5	9	6.75	4.5
PE-M36	M36x4.0	13	26	**7(7.5)**	14	9.8	7	7	14	10.5	7
PE-M42	M42x4.5	15	30	**10(11)**	20	14	10	10	20	15	10
PE-M48	M48x5.0	17	34	**12(13)**	24	16.8	12	12	24	18	12
PE-M56	M56x5.5	26	52	**15(18)**	30	21	15	15	30	22.5	15
PE-M64	M64x6.0	26	52	**15(20)**	30	21	15	15	30	22.5	15
PE-M72	M72x6.0	40	80	**25(25)**	50	35	25	25	50	37.5	25
PE-M80	M80x6.0	43	86	**30(30)**	60	42	30	30	60	45	30
PE-M90	M90x6.0	50	100	**35(35)**	70	49	35	35	70	52.5	35
PE-M100	M100x6.0	50	100	**40(40)**	80	56	40	40	80	60	40

Lifting Method And Load Table

PE-U5/16	UNC5/16-18	0.6	1.2	**0.3(0.4)**	0.6	0.4	0.3	0.3	0.6	0.4	0.3
PE-U3/8	UNC3/8-16	0.9	1.8	**0.45(0.6)**	0.9	0.6	0.45	0.45	0.9	0.6	0.45
PE-U1/2	UNC1/2-13	1.1	2.2	**0.55(0.8)**	1.1	0.8	0.55	0.55	1.1	0.8	0.55
PE-U5/8	UNC5/8-11	2.4	4.8	**1.2(1.5)**	2.4	1.7	1.2	1.2	2.5	1.7	1.2
PE-U3/4	UNC3/4-10	3.8	7.6	**1.9(2.1)**	3.8	2.7	1.9	1.9	4.0	2.8	1.9
PE-U7/8	UNC7/8-9	6	12	**3(3.2)**	6	4.2	3	3	6.3	4.4	3
PE-U1"	UNC1"-8	6.4	12.8	**3.2(3.5)**	6.4	4.5	3.2	3.2	6.7	4.7	3.2
PE-U1 1/4	UNC1 1/4-7	9	18	**4.5(5.0)**	9	6.3	4.5	4.5	9.5	6.7	4.5
PE-U1 1/2	UNC1 1/2-6	13	26	**7(7.5)**	14	9.8	7	7	14.7	10.5	7
PE-U1 3/4	UNC1 3/4-5	15	30	**10(11)**	20	14.0	10	10	21.0	15.0	10
PE-U2"	UNC2"-4 1/2	17	34	**12(13)**	24	16.8	12	12	25.2	18.0	12
PE-U2 1/2	UNC2 1/2-4	26	52	**15(20)**	30	21.0	15	15	31.5	22.5	15

YTJ Universal Swivel Lifting Eyebolts

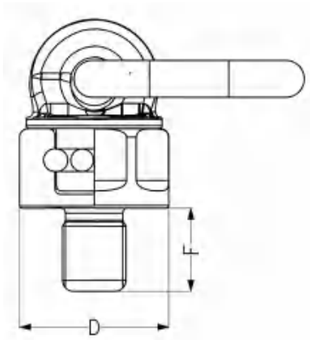
Manufacture and test criteria：

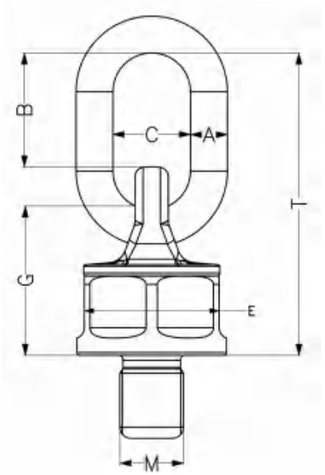
EN ISO 12100:2010,EN ISO 3266:2010+A1:2015,EN 1677–1:2000+A1:2008

Patent No.:ZL 2019 3 0600611.3

Manufacturing process: high-strength alloy steel - forging forming - normalizing treatment - rough machining - quenching and tempering treatment - precision machining - surface treatment

Drawing / Product specification





Metric Thread(YTJ)

Model	M	A±1	B±5	C±3	D±0.5	E±1	F±0.2	G±2	T±5	Weight(KG)
YTJ-M8	M8x1.25	13	44	31	38	36	13	44	96	0.47
YTJ-M10	M10x1.5	13	44	31	38	36	17	44	96	0.48
YTJ-M12	M12x1.75	13	44	31	38	36	21	44	96	0.49
YTJ-M14	M14x2.0	13	44	31	38	36	24	44	96	0.5
YTJ-M16	M16x2.0	13	44	31	38	36	27	44	96	0.51
YTJ-M20	M20x2.5	18	68	42	60	55	33	62	147	1.59
YTJ-M24	M24x3.0	18	68	42	60	55	40	62	147	1.66
YTJ-M30	M30x3.5	22	97	51	70	65	50	78	193	2.95
YTJ-M36	M36x4.0	26	83	51	81	76	54	90	198	4.48
YTJ-M42	M42x4.5	26	111	63	93	86	63	96	235	6.11
YTJ-M48	M48x5.0	26	111	63	93	86	68	96	235	6.24
YTJ-M56	M56x5.5	32	126	70	105	96	84	123	277	10.1
YTJ-M64	M64x6.0	32	126	70	105	96	94	123	277	10.7
YTJ-M72	M72x6.0	45	140	90	142	130	108	163	342	24.7
YTJ-M80	M80x6.0	45	140	90	142	130	120	163	342	26.5
YTJ-M90	M90x6.0	45	140	90	158	142	135	174	342	28.7
YTJ-M100	M100x6.0	45	140	90	158	142	135	174	342	30

UNC Thread(YTJ)

Model	M	A±1	B±5	C±3	D±0.5	E±1	F±0.2	G±2	T±5	Weight(KG)
YTJ-U5/16	UNC5/16-18	13	44	31	38	36	13	44	96	0.45
YTJ-U3/8	UNC3/8-16	13	44	31	38	36	17	44	96	0.45
YTJ-U1/2	UNC1/2-13	13	44	31	38	36	21	44	96	0.46
YTJ-U5/8	UNC5/8-11	13	44	31	38	36	27	44	96	0.51
YTJ-U3/4	UNC3/4-10	18	68	42	60	55	33	62	147	1.59
YTJ-U7/8	UNC7/8-9	18	68	42	60	55	40	62	147	1.66
YTJ-U1"	UNC1"-8	18	68	42	60	55	40	62	147	1.75
YTJ-U1 1/4	UNC1 1/4-7	22	97	51	70	65	50	78	193	3.8
YTJ-U1 1/2	UNC1 1/2-6	26	83	51	81	76	54	90	198	4.5
YTJ-U1 3/4	UNC1 3/4-5	26	111	63	93	86	63	96	235	6
YTJ-U2"	UNC2"-4 1/2	26	111	63	93	86	68	96	235	6.2
YTJ-U2 1/2	UNC2 1/2-4	32	126	70	105	96	94	123	277	10.7

Product Features：

- The eyebolt can rotate 360° and turn 230° for lifting. Four times of safety factor shall be ensured in any force direction.
- The eyebolt is forged from high-strength chromium-molybdenum alloy steel, and subject to quenching and tempering to achieve sufficient strength and toughness.
- The eyebolt is manufactured and tested in accordance with EN1677-1 and other relevant specifications. The products have been certificated for EuroCert CE.
- All products can be traced for quality through the test reports.
- The metric thread of the eyebolt complies with DIN EN 13 (M-6g), the UNC thread complies with ASME/ANSI B18.3.1M (UNC-2A), and the threads are 100% tested by go-no go fixed gauges, and the outer diameter tolerance of the thread is accurate to 6g.
- The products are tested by magnetic particle to ensure that they are free of cracks.
- The products are subject to dynamic fatigue limit test for 20,000 times under 1.5 times of working limit load.
- The eyebolt base with hexagonal design is easy to install and remove.

Eyebolt Operation：

- The thread hole is sufficiently long to ensure that the eyebolt thread is completely screwed in;
- The eyebolt thread is securely fastened and fitted tightly to the contact surface (screwed in manually; not allowed to be tightened with tools);
- When the loading ring is in the vertical lifting direction, the load can be reached.
- It can rotate under rated load. However, it is not suitable for permanent rotation at full load in 90° direction.
- Any operation shall be Any operation shall be performed in strict accordance with the product operation manual.

Lifting Method And Load Table

Lifting method											
Number of lifting points		1	2	1	2	2	2	2	3-4	3-4	3-4
Lifting angle		0°	0°	90°	90°	≤90°	90–120°	≤90°	≤90°	90–120°	≤90°
Model	Thread size	Working Load Limit (WLL) t									
YTJ-M8	M8x1.25	0.6	1.2	**0.3(0.4)**	0.6	0.4	0.3	0.3	0.6	0.4	0.3
YTJ-M10	M10x1.5	0.9	1.8	**0.45(0.6)**	0.9	0.6	0.4	0.4	0.9	0.6	0.4
YTJ-M12	M12x1.75	1.1	2.2	**0.55(0.8)**	1.1	0.77	0.55	0.55	1.1	0.83	0.55
YTJ-M14	M14x2.0	2	4	**1(1.0)**	2	1.4	1	1	2	1.5	1
YTJ-M16	M16x2.0	2.4	4.8	**1.2(1.5)**	2.4	1.68	1.2	1.2	2.4	1.8	1.2
YTJ-M20	M20x2.5	3.8	7.6	**1.9(2.1)**	3.8	2.66	1.9	1.9	3.8	2.85	1.9
YTJ-M24	M24x3.0	6.4	12.8	**3.2(3.5)**	6.4	4.48	3.2	3.2	6.4	4.8	3.2
YTJ-M30	M30x3.5	9	18	**4.5(5.0)**	9	6.3	4.5	4.5	9	6.75	4.5
YTJ-M36	M36x4.0	13	26	**7(7.5)**	14	9.8	7	7	14	10.5	7
YTJ-M42	M42x4.5	15	30	**10(11)**	20	14	10	10	20	15	10
YTJ-M48	M48x5.0	17	34	**12(13)**	24	16.8	12	12	24	18	12
YTJ-M56	M56x5.5	26	52	**15(18)**	30	21	15	15	30	22.5	15
YTJ-M64	M64x6.0	26	52	**15(20)**	30	21	15	15	30	22.5	15
YTJ-M72	M72x6.0	40	80	**25(25)**	50	35	25	25	50	37.5	25
YTJ-M80	M80x6.0	43	86	**30(30)**	60	42	30	30	60	45	30
YTJ-M90	M90x6.0	45	90	**35(35)**	70	49	35	35	70	52.5	35
YTJ-M100	M100x6.0	50	100	**40(40)**	80	56	40	40	80	60	40

Lifting Method And Load Table

YTJ-U5/16	UNC5/16-18	0.6	1.2	**0.3(0.4)**	0.6	0.4	0.3	0.3	0.6	0.4	0.3
YTJ-U3/8	UNC3/8-16	0.9	1.8	**0.45(0.6)**	0.9	0.6	0.45	0.45	0.9	0.6	0.45
YTJ-U1/2	UNC1/2-13	1.1	2.2	**0.55(0.8)**	1.1	0.77	0.55	0.55	1.1	0.8	0.55
YTJ-U5/8	UNC5/8-11	2.4	4.8	**1.2(1.5)**	2.4	1.68	1.2	1.2	2.4	1.7	1.2
YTJ-U3/4	UNC3/4-10	3.8	7.6	**1.9(2.1)**	3.8	2.66	1.9	1.9	3.8	2.8	1.9
YTJ-U7/8	UNC7/8-9	6	12	**3(3.2)**	6	4.2	3	3	6	4.4	3
YTJ-U1"	UNC1"-8	6.4	12.8	**3.2(3.5)**	6.4	4.5	3.2	3.2	6.4	4.7	3.2
YTJ-U1 1/4	UNC1 1/4-7	9	18	**4.5(5.0)**	9	6.3	4.5	4.5	9	6.7	4.5
YTJ-U1 1/2	UNC1 1/2-6	13	26	**7(7.5)**	14	9.8	7	7	14.7	10.5	7
YTJ-U1 3/4	UNC1 3/4-5	15	30	**10(11)**	20	14.0	10	10	21.0	15.0	10
YTJ-U2"	UNC2"-4 1/2	17	34	**12(13)**	24	16.8	12	12	25.2	18.0	12
YTJ-U2 1/2	UNC2 1/2-4	26	52	**15(20)**	30	21.0	15	15	31.5	22.5	15

WARNING

PDSS Universal Swivel Lifting Eyebolts

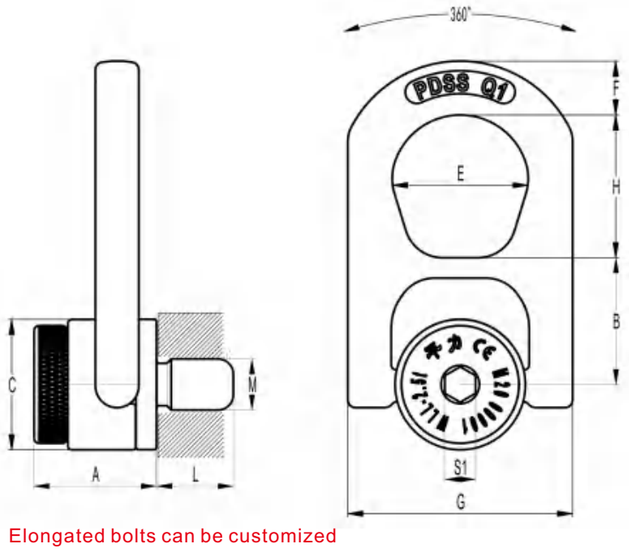
Manufacture and test criteria：

EN ISO 12100:2010,EN ISO 3266:2010+A1:2015

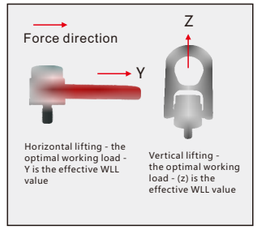
Patent No.:ZL 2021 3 0053172.6　ZL 2021 2 0159089.1

Manufacturing process: high-strength alloy steel - forging forming - normalizing treatment - rough machining - quenching and tempering treatment - precision machining - surface treatment

Drawing / Product specification



Elongated bolts can be customized



Metric Thread(PDSS)

Model	D	L±0.2	S1+0.3	A±1	B±1	C±0.5	H±1	E±1	F±1	G±1	Weight(KG)	Tightening torque(Nm)
PDSS-M8	M8x1.25	14	8	34	36	33	38	35	13	57	0.39	6
PDSS-M10	M10x1.5	17	8	34	36	33	38	35	13	57	0.4	10
PDSS-M12	M12x1.75	21	8	34	36	33	38	35	13	57	0.4	15
PDSS-M14	M14x2.0	24	12	48	50	51	56	53	21	88	1.35	30
PDSS-M16	M16x2.0	27	12	48	50	51	56	53	21	88	1.36	50
PDSS-M18	M18x2.5	27	12	48	50	51	56	53	21	88	1.4	70
PDSS-M20	M20x2.0	30	12	48	50	51	56	53	21	88	1.41	100
PDSS-M20	M20x2.5	30	12	48	50	51	56	53	21	88	1.41	100
PDSS-M22	M22x2.5	33	12	61.5	67	71	66	74	28	120	3.3	120
PDSS-M24	M24x2.0	36	12	61.5	67	71	66	74	28	120	3.35	160
PDSS-M24	M24x3.0	36	12	61.5	67	71	66	74	28	120	3.35	160

UNC Thread(PDSS)

Model	D	L±0.2	S1+0.3	A±1	B±1	C±0.5	H±1	E±1	F±1	G±1	Weight(KG)	Tightening torque(Nm)
PDSS-U5/16"	UNC5/16"-18	15	8	34	36	33	38	35	13	57	0.39	5
PDSS-U3/8"	UNC3/8"-16	17	8	34	36	33	38	35	13	57	0.4	8
PDSS-U1/2"	UNC1/2"-13	21	8	34	36	33	38	35	13	57	0.4	12
PDSS-U5/8"	UNC5/8"-11	24	12	48	50	51	56	53	21	88	1.39	40
PDSS-U3/4"	UNC3/4"-10	30	12	48	50	51	56	53	21	88	1.41	80
PDSS-U7/8"	UNC7/8"-9	33	12	61.5	67	71	66	74	28	120	3.37	90
PDSS-U1"	UNC1"-8	36	12	61.5	67	71	66	74	28	120	3.37	125

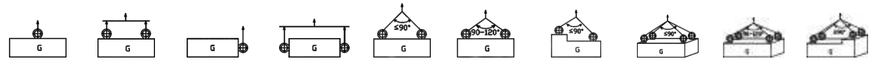
Product Features：

- With unique design, the eyebolt can rotate 360° and turn 180° for lifting. Four times of safety factor shall be ensured in any force direction.
- The eyebolt is forged from G80 high-strength molybdenum alloy steel, and subject to quenching and tempering to achieve sufficient strength and toughness.
- The eyebolt is manufactured and tested in accordance with EN1677-1 and other relevant specifications. The products have been certificated for EuroCert CE.
- All products can be traced for quality through the test reports.
- The metric thread of the eyebolt complies with DIN EN 13 (M-6g), the UNC thread complies with ASME/ANSI B18.3.1M (UNC-2A), and the threads are 100% tested by go-no go fixed gauges, and the outer diameter tolerance of the thread is accurate to 6g.
- The products are tested by magnetic particle to ensure that they are free of cracks.
- The products are subject to dynamic fatigue limit test for 20,000 times under 1.5 times of working limit load.
- Some product are numbered, convenient for traceability.

Eyebolt Operation：

- The thread hole is sufficiently long to ensure that the eyebolt thread is completely screwed in;
- The eyebolt thread is securely fastened and fitted tightly to the contact surface (screwed in manually; not allowed to be tightened with tools);
- When the loading ring is in the vertical lifting direction, the load can be reached.
- Any operation shall be Any operation shall be performed in strict accordance with the product operation manual.

Lifting Method And Load Table

Lifting method												
Number of lifting points		1	2	1	2	2	2	2	3-4	3-4	3-4	
Lifting angle		0°	0°	90°	90°	⩽90°	90–120°	⩽90°	⩽90°	90–120°	⩽90°	
Model	Thread size	Working Load Limit (WLL) t										
PDSS-M8	M8x1.25	0.8	1.6	**0.5**	1	0.7	0.5	0.5	1.05	0.5	0.5	
PDSS-M10	M10x1.5	1.2	2.4	**0.7**	1.4	0.98	0.7	0.7	1.47	0.7	0.7	
PDSS-M12	M12x1.75	1.2	2.4	**1**	2	1.4	1	1	2.1	1	1	
PDSS-M14	M14x2.0	2.4	4.8	**1.5**	3	2.1	1.5	1.5	3.15	1.5	1.5	
PDSS-M16	M16x2.0	3	6	**2**	4	2.8	2	2.5	4.2	2	2	
PDSS-M18	M18x2.5	3	6	**2.5**	5	3.5	2.5	2.5	5.25	2.5	2.5	
PDSS-M20	M20x2.5	3	6	**2.5**	5	3.5	2.5	2.5	5.25	2.5	2.5	
PDSS-M20	M20x2.0	3	6	**2.5**	5	3.5	2.5	3.5	5.25	2.5	2.5	
PDSS-M22	M22x2.5	6.5	13	**3.5**	7	4.9	3.5	4.5	7.35	3.5	3.5	
PDSS-M24	M24x3.0	7	14	**4.5**	9	6.3	4.5	4.5	9.45	4.5	4.5	
PDSS-M24	M24x2.0	4.5	9	**4.5**	9	6.3	4.5	4.5	9.45	4.5	4.5	

Lifting Method And Load Table

PDSS-U5/16"	UNC5/16"-18	0.8	1.6	**0.5**	1	0.7	0.5	0.5	1.05	0.5	0.5
PDSS-U3/8"	UNC3/8"-16	1.2	2.4	**0.7**	1.4	0.98	0.7	0.7	1.47	0.7	0.7
PDSS-U1/2"	UNC1/2"-13	1.2	2.4	**1**	2	1.4	1	1	2.1	1	1
PDSS-U5/8"	UNC5/8"-11	2.4	4.8	**2**	4	2.8	2	2	4.2	2	2
PDSS-U3/4"	UNC3/4"-10	3	6	**2.5**	5	3.5	2.5	2.5	5.25	2.5	2.5
PDSS-U7/8"	UNC7/8"-9	6.5	13	**3.5**	7	4.9	3.5	3.5	7.35	3.5	3.5
PDSS-U1"	UNC1"-8	7	14	**4.5**	9	6.3	4.5	4.5	9.45	4.5	4.5

PDSS Universal Swivel Lifting Eyebolts

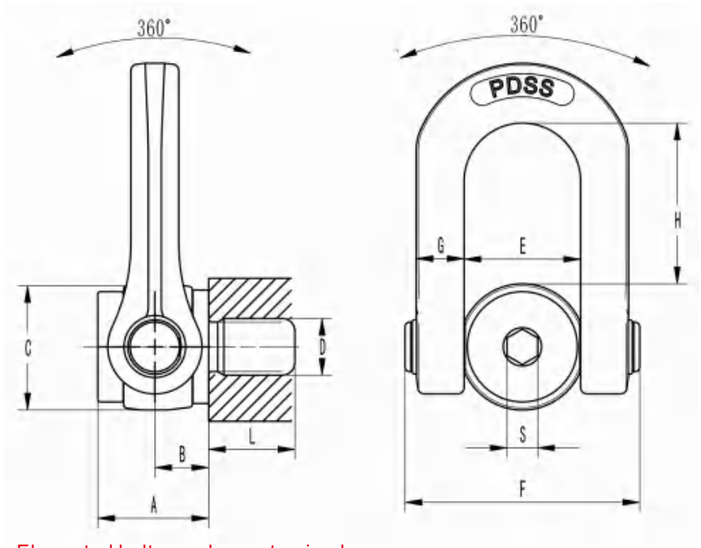
Manufacture and test criteria：

EN ISO 12100:2010,EN ISO 3266:2010+A1:2015

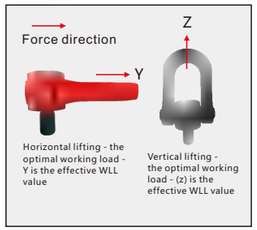
Patent No.:ZL 2021 3 0053171.1　ZL 2021 2 0159114.6

Manufacturing process: high-strength alloy steel - forging forming - normalizing treatment - rough machining - quenching and tempering treatment - precision machining - surface treatment

Drawing / Product specification



Elongated bolts can be customized



Metric Thread(PDSS)

Model	D	L±0.2	S	A±1	B±1	C±0.5	E±1	F±0.5	G±1	H±2	Weight(KG)	Tightening torque(Nm)
PDSS-M27	M27x3.0	40	19	69	33	79	73	147	30	100	5.7	200
PDSS-M30	M30x3.5	50	19	69	33	79	73	147	30	100	5.95	250
PDSS-M33	M33x3.5	50	19	69	33	79	73	147	30	100	6	250
PDSS-M36	M36x4.0	54	19	69	33	79	73	147	30	100	6.02	320
PDSS-M39	M39x4.0	54	19	69	33	79	73	147	30	100	6.15	320
PDSS-M42	M42x4.5	63	19	69	33	79	73	147	30	100	6.3	400
PDSS-M45	M45x4.5	68	19	87	42	104	93	182	36	120	11.99	400
PDSS-M48	M48x5.0	68	19	87	42	104	93	182	36	120	11.99	600
PDSS-M52	M52x5.0	68	19	87	42	104	93	182	36	120	12.4	600
PDSS-M56	M56x5.5	84	19	87	42	104	93	182	36	120	12.42	600
PDSS-M60	M60x5.5	84	19	87	42	104	93	182	36	120	12.97	600
PDSS-M64	M64x6.0	90	19	87	42	104	93	182	36	120	13.25	600
PDSS-M72	M72x6.0	110	27	144	69	142	148	278	58	186	50.5	600
PDSS-M80	M80x6.0	120	27	144	69	142	148	278	58	186	51.77	600
PDSS-M90	M90x6.0	135	27	144	69	142	148	278	58	186	52.77	600
PDSS-M100	M100x6.0	150	27	144	69	142	148	278	58	186	55.3	600

UNC Thread(PDSS)

Model	D	L±0.2	S	A±1	B±1	C±0.5	E±1	F±0.5	G±1	H±2	Weight(KG)	Tightening torque(Nm)
PDSS-U1 1/4"	UNC1 1/4"-7	50	19	69	33	79	73	147	30	100	6.05	200
PDSS-U1 1/2"	UNC1 1/2"-6	61	19	69	33	79	73	147	30	100	6.1	240
PDSS-U1 3/4"	UNC1 3/4"-5	68	19	87	42	104	93	182	36	120	11.99	300
PDSS-U2"	UNC2"-4 1/2	76	19	87	42	104	93	182	36	120	12	450
PDSS-U2 1/2"	UNC2 1/2"-4	90	19	87	42	104	93	182	36	120	13.3	450

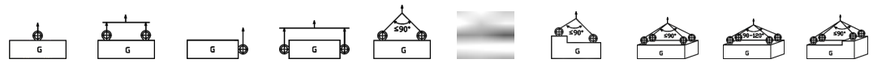
Product Features：

- With unique design, the eyebolt can rotate 360° and turn 180° for lifting. Four times of safety factor shall be ensured in any force direction.
- The eyebolt is forged from G80 high-strength molybdenum alloy steel, and subject to quenching and tempering to achieve sufficient strength and toughness.
- The eyebolt is manufactured and tested in accordance with EN1677-1 and other relevant specifications. The products have been certificated for EuroCert CE.
- All products can be traced for quality through the test reports.
- The metric thread of the eyebolt complies with DIN EN 13 (M-6g), the UNC thread complies with ASME/ANSI B18.3.1M (UNC-2A), and the threads are 100% tested by go-no go fixed gauges, and the outer diameter tolerance of the thread is accurate to 6g.
- The products are tested by magnetic particle to ensure that they are free of cracks.
- The products are subject to dynamic fatigue limit test for 20,000 times under 1.5 times of working limit load.
- Some product are numbered, convenient for traceability.

Eyebolt Operation：

- The thread hole is sufficiently long to ensure that the eyebolt thread is completely screwed in;
- The eyebolt thread is securely fastened and fitted tightly to the contact surface (screwed in manually; not allowed to be tightened with tools);
- When the loading ring is in the vertical lifting direction, the load can be reached.
- Any operation shall be Any operation shall be performed in strict accordance with the product operation manual.

Lifting Method And Load Table



Number of lifting points		1	2	1	2	2	2	2	3-4	3-4	3-4
Lifting angle		0°	0°	90°	90°	≤90°	90–120°	≤90°	≤90°	90–120°	≤90°
Model	Thread size	Working Load Limit (WLL) t									
PDSS-M27	M27x3.0	9	18	**5.6**	11.2	7.84	5.6	5.6	11.76	5.6	5.6
PDSS-M30	M30x3.5	12	24	**7.8**	15.6	10.92	7.8	7.8	16.38	7.8	7.8
PDSS-M33	M33x3.5	14.5	29	**9**	18	12.6	9	9	18.9	9	9
PDSS-M36	M36x4.0	15	30	**12**	24	16.8	12	12	25.2	12	12
PDSS-M39	M39x4.0	17	34	**14**	28	19.6	14	14	29.4	14	14
PDSS-M42	M42x4.5	19	38	**15**	30	21	15	15	31.5	15	15
PDSS-M45	M45x4.5	20	40	**16**	32	22.4	16	16	33.6	16	15
PDSS-M48	M48x5.0	25	50	**20**	40	28	20	20	42	20	20
PDSS-M52	M52x5.0	26	52	**21**	42	29.4	21	21	44.1	21	21
PDSS-M56	M56x5.5	30	60	**25**	50	35	25	25	52.5	25	25
PDSS-M60	M60x5.5	30	60	**25**	50	35	25	25	52.5	25	25
PDSS-M64	M64x6.0	35	70	**32**	64	44.8	32	32	67.2	32	32
PDSS-M72	M72x6.0	50	100	**38**	76	53..2	38	38	79.8	38	38
PDSS-M80	M80x6.0	55	110	**45**	90	63	45	45	94.5	45	45
PDSS-M90	M90x6.0	55	110	**50**	100	70	50	50	105	50	50
PDSS-M100	M100x6.0	60	120	**60**	120	84	60	60	126	60	60

Lifting Method And Load Table

PDSS-U1 1/4"	UNC1 1/4"-7	12	24	**8**	16	11.2	8	8	16.8	8	8
PDSS-U1 1/2"	UNC1 1/2"-6	15	30	**12**	24	16.8	12	12	25.2	10	12
PDSS-U1 3/4"	UNC1 3/4"-5	19	38	**15**	30	21	15	15	31.5	15	15
PDSS-U2"	UNC2"-4 1/2	25	50	**20**	40	28	20	20	42	20	20
PDSS-U2 1/2"	UNC2 1/2"-4	35	70	**32**	64	44.8	32	32	67.2	32	32

CX Lateral Swivel Lifting Rings

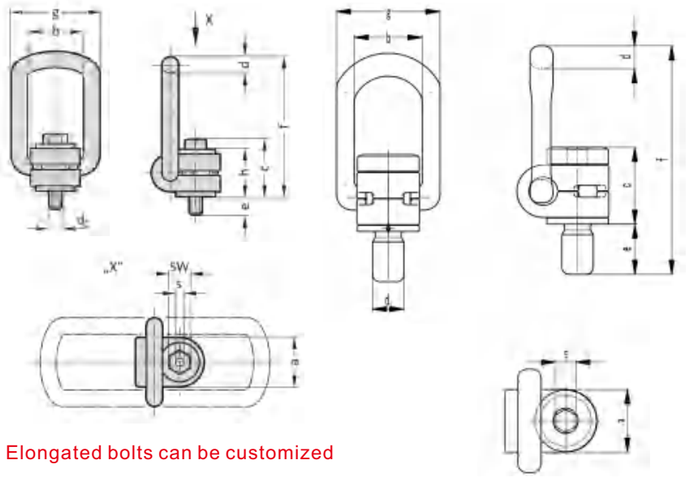
Manufacture and test criteria：

EN ISO 12100:2010,EN ISO 3266:2010+A1:2015

Patent No.:ZL 2022 3 0520978.6　ZL 2022 2 2392142.X

Manufacturing process: high-strength alloy steel - forging forming - normalizing treatment - rough machining - quenching and tempering treatment - precision machining - surface treatment

Drawing / Product specification



Elongated bolts can be customized

Metric Thread(CX)

Model	Bearing capacity(t)	d_2	e±0.2	g±1	a±1	b±1	c±1	d±1	f±2	h±1	s	sw	Torque of bolt (Nm)	Weight(KG)
CX-M8	0.3	M8×1.25	11	57	33	37	45.7	14	110	36.7	8	18	30	0.48
CX-M10	0.63	M10×1.5	16	57	33	37	45.7	14	115	36.7	8	18	60	0.48
CX-M12	1	M12×1.75	18	57	33	37	45.7	14	117	36.7	8	18	100	0.55
CX-M14	1.2	M14×2.0	24	57	33	37	45.7	14	120	36.7	12	29.5	120	0.56
CX-M16	1.5	M16×2.0	27	57	33	37	45.7	14	123	36.7	12	29.5	150	0.57
CX-M18	2	M18×2.5	27	82	50	54	58.2	17	169	47	12	35.6	200	1.3
CX-M20	2.5	M20×2.5	30	82	50	54	58.2	17	173	47	12	35.6	250	1.37
CX-M24	4	M24×3.0	36	82	50	54	58.2	17	179	47	12	35.6	400	1.43
CX-M27	4	M27×3.0	38	99	60	65	72.7	23	206		19		400	2.8
CX-M30	5	M30×3.5	48	99	60	65	72.7	23	216		19		500	2.81
CX-M36	7	M36×4.0	54	99	60	65	72.7	23	224		19		700	3
CX-M36-Z	8	M36×4.0	62	124	77	85	84.2	27	285		19		800	5.5
CX-M42	10	M42×4.5	63	124	77	85	84.2	27	286		19		1000	5.7
CX-M42-Z	15	M42×4.5	72	158	95	104	103	36	329		19		1500	11
CX-M48	20	M48×5.0	72	158	95	104	103	36	329		19		2000	11.28

UNC Thread(CX)

Model	Bearing capacity(t)	d_2	e±0.2	g±1	a±1	b±1	c±1	d±1	f±2	h±1	s	sw	Torque of bolt (Nm)	Weight(KG)
CX-5/16"	0.3	UNC-5/16"-18	11	57	33	37	45.7	14	110	36.7	8	18	30	0.48
CX-3/8"	0.63	UNC-3/8"-16	16	57	33	37	45.7	14	115	36.7	8	18	60	0.48
CX-7/16	1	UNC-7/16-14	21	57	33	37	45.7	14	117	36.7	8	18	100	0.55
CX-1/2"	1	UNC-1/2"-13	21	57	33	37	45.7	14	117	36.7	12	29.5	100	0.56
CX-5/8"	1.5	UNC-5/8"-11	24	57	33	37	45.7	14	123	36.7	12	29.5	150	0.57
CX-3/4"	2.5	UNC-3/4"-10	30	82	50	54	58.2	17	173	47	12	35.6	250	1.3
CX-7/8	2.5	UNC-7/8"-9	30	82	50	54	58.2	17	173	47	12	35.6	250	1.37
CX-1"	4	UNC-1"-8	36	82	50	54	58.2	17	179	47	12	35.6	400	1.43
CX-1 1/4"	5	UNC-1 1/4"-7	48	99	60	65	72.7	23	224		19		500	2.8
CX-1 1/2"	8	UNC-1 1/2"-6	62	124	77	85	84.2	27	285		19		700	3
CX-1-3/4	15	UNC-1 3/4-5	72	158	95	104	103	36	329		19		1500	5.7
CX-2"	20	UNC-2"-4 1/2	72	158	95	104	103	36	329		19		2000	11.3

Product Features：

- With unique design, the eyebolt can rotate 360° and turn 180° for lifting. Four times of safety factor shall be ensured in any force direction.
- The eyebolt is forged from G80 high-strength of chrome-molybdenum alloy steel, and subject to quenching and tempering to achieve sufficient strength and toughness.
- The eyebolt is manufactured and tested in accordance with EN1677-1 and other relevant specifications. The products have been certificated for EuroCert CE.
- All products can be traced for quality through the test reports.
- The metric thread of the eyebolt complies with DIN EN 13 (M-6g), the UNC thread complies with ASME/ANSI B18.3.1M (UNC-2A), and the threads are 100% tested by go-no go fixed gauges, and the outer diameter tolerance of the thread is accurate to 6g.
- The products are tested by magnetic particle to ensure that they are free of cracks.
- The products are subject to dynamic fatigue limit test for 20,000 times under 1.5 times of working limit load.
- Some product are numbered, convenient for traceability.

Eyebolt Operation：

- The thread hole is sufficiently long to ensure that the eyebolt thread is completely screwed in;
- The eyebolt thread is securely fastened and fitted tightly to the contact surface (screwed in manually; not allowed to be tightened with tools);
- When the loading ring is in the vertical lifting direction, the load can be reached.
- Any operation shall be Any operation shall be performed in strict accordance with the product operation manual.

Lifting Method And Load Table

Lifting method									
Lifting angle		90°	≤90°	≤90°	90–120°	≤90°	90–120°	≤90°	≤90°
Model	Thread size	Working Load Limit （WLL） t							
CX-M8	M8×1.25	**0.3**	0.6	0.42	0.3	0.63	0.45	0.3	03
CX-M10	M10×1.5	**0.63**	1.26	0.88	0.63	1.32	0.95	0.63	0.63
CX-M12	M12×1.75	**1**	2	1.4	1	2.1	1.5	1	1
CX-M14	M14×2.0	**1.2**	2.4	1.7	1.2	2.5	1.8	1.2	1.2
CX-M16	M16×2.0	**1.5**	3	2.1	1.5	3.1	2.2	1.5	1.5
CX-M18	M18×2.5	**2**	4	2.8	2	4.2	3	2	2
CX-M20	M20×2.5	**2.5**	5	3.5	2.5	5.2	3.7	2.5	2.5
CX-M24	M24×3.0	**4**	8	5.6	4	8.4	6	4	4
CX-M27	M27×3.0	**4**	8	5.6	4	8.4	6	4	4
CX-M30	M30×3.5	**5**	10	7	5	10.5	7.5	5	5
CX-M36	M36×4.0	**7**	14	9.8	7	14.7	10.5	7	7
CX-M36-Z	M36×4.0	**8**	16	11.2	8	16.8	12	8	8
CX-M42	M42×4.5	**10**	20	14	10	21	15	10	10
CX-M42-Z	M42×4.5	**15**	30	21	15	31.5	22.5	15	15
CX-M48	M48×5.0	**20**	40	28	20	42	30	20	20

Note: The unit "t" for the maximum conveying weight "G" depends on specific lifting mode.

Lifting Method And Load Table

CX-5/16"	UNC-5/16"-18	**0.3**	0.6	0.42	0.3	0.63	0.45	0.3	0.3
CX-3/8"	UNC-3/8"-16	**0.63**	1.26	0.88	0.63	1.32	0.95	0.63	0.63
CX-7/16	UNC-7/16-14	**1**	2	1.4	1	2.1	1.5	1	1
CX-1/2"	UNC-1/2"-13	**1**	2	1.4	1	2.1	1.5	1	1
CX-5/8"	UNC-5/8"-11	**1.5**	3	2.1	1.5	3.1	2.2	1.5	1.5
CX-3/4"	UNC-3/4"-10	**2.5**	5	3.5	2.5	5.2	3.7	2.5	2.5
CX-7/8	UNC-7/8"-9	**2.5**	5	3.5	2.5	5.2	3.7	2.5	2.5
CX-1"	UNC-1"-8	**4**	8	5.6	4	8.4	6	4	4
CX-1 1/4"	UNC-1 1/4"-7	**5**	10	7	5	10.5	7.5	5	5
CX-1 1/2"	UNC-1 1/2"-6	**8**	16	11.2	8	16.8	12	8	8
CX-1-3/4	UNC-1 3/4-5	**15**	30	21	15	31.5	22.5	15	15
CX-2"	UNC-2"-4 1/2	**20**	40	28	20	42	30	20	20

PB G100 Swivel Lifting Eyebolts With Key

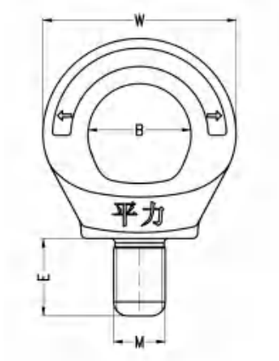
Manufacture and test criteria：

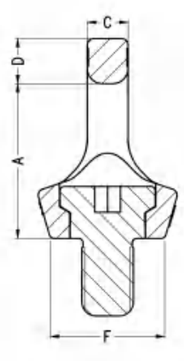
EN ISO 12100:2010,EN ISO 3266:2010+A1:2015

Patent No.:ZL 2018 2 0036340.3　ZL 2015 3 0461925.1　ZL 2018 2 0035895.6

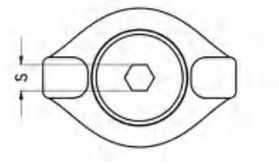
Manufacturing process: high-strength alloy steel - forging forming - normalizing treatment - rough machining - quenching and tempering treatment - precision machining - surface treatment

Drawing / Product specification





Rotatable 360°



Metric Thread(PB)

Model	M	A±1.5	B±1.5	C±1	D±0.5	E±0.2	F±1	W±1.5	S	Weight(KG)
PB-M8	M8x1.25	45	30	10	13	13	35	54	8	0.3
PB-M10	M10x1.5	45	30	10	13	17	35	54	8	0.3
PB-M12	M12x1.75	45	30	10	13	21	35	54	8	0.3
PB-M16	M16x2.0	52	35	14	15	27	39	65	8	0.55
PB-M20	M20x2.5	60	40	16	17	30	46	75	12	0.72
PB-M24	M24x3.0	69	48	19	21	36	53	90	12	1.2
PB-M30	M30x3.5	92	60	24	26	45	64	100	17	2.26
PB-M36	M36x4.0	103	72	29	32	54	75	135	17	3.87
PB-M42	M42x4.5	127	82	34	38	63	90	158	24	6.35
PB-M48	M48x5.0	139	94	38	43	68	100	180	24	9.77

UNC Thread(PB)

Model	M	A±1.5	B±1.5	C±1	D±0.5	E±0.2	F±1	W±1.5	S	Weight(KG)
PB-U5/16	UNC5/16-18	45	30	10	13	13	35	54	8	0.32
PB-U3/8	UNC3/8-16	45	30	10	13	17	35	54	8	0.38
PB-U1/2	UNC1/2-13	45	30	10	13	21	35	54	8	0.38
PB-U5/8	UNC5/8-11	52	35	14	15	27	39	65	8	0.55
PB-U3/4	UNC3/4-10	60	40	16	17	30	46	75	12	0.7
PB-U7/8	UNC7/8-9	69	48	19	21	36	53	90	12	1.2
PB-U1"	UNC1"-8	69	48	19	21	36	53	90	12	1.2
PB-U1 1/4	UNC1 1/4-7	92	60	24	26	45	64	100	17	2.26
PB-U1 1/2	UNC1 1/2-6	103	72	29	32	54	75	135	17	3.87
PB-U1 3/4	UNC1 3/4-5	127	82	34	38	63	90	158	24	6.35
PB-U2"	UNC2"-4 1/2	139	94	38	43	68	100	180	24	9.77

Product Features：

- The eyebolt can rotate 360° for lifting. Four times of safety factor shall be ensured in any force direction.
- The eyebolt is forged from G100 high-strength of chrome-molybdenum alloy steel, and subject to quenching and tempering to achieve sufficient strength and toughness.
- The eyebolt is manufactured and tested in accordance with EN1677-1 and other relevant specifications. The products have been certificated for EuroCert CE.
- All products can be traced for quality through the test reports.
- The metric thread of the eyebolt complies with DIN EN 13 (M-6g), the UNC thread complies with ASME/ANSI B18.3.1M (UNC-2A), and the threads are 100% tested by go-no go fixed gauges, and the outer diameter tolerance of the thread is accurate to 6g.
- The products are tested by magnetic particle to ensure that they are free of cracks.
- The products are subject to dynamic fatigue limit test for 20,000 times under 1.5 times of working limit load.
- The eyebolt is provided with a stopper and a wrench, convenient for installation and removal.
- Some product are numbered, convenient for traceability.

Eyebolt Operation：

- The thread hole is sufficiently long to ensure that the eyebolt thread is completely screwed in;
- The eyebolt thread is securely fastened and fitted tightly to the contact surface (screwed in manually; not allowed to be tightened with tools);
- Any operation shall be Any operation shall be performed in strict accordance with the product operation manual.

Lifting Method And Load Table

Lifting method											
Number of lifting points		1	2	1	2	2	2	2	3-4	3-4	3-4
Lifting angle		0°	0°	90°	90°	≤90°	90–120°	≤90°	≤90°	90–120°	≤90°
Model	Thread size	Working Load Limit (WLL) t									
PB-M8	M8x1.25	0.8	1.6	**0.3**	0.6	0.42	0.3	0.3	0.63	0.45	0.3
PB-M10	M10x1.5	1	2	**0.4**	0.8	0.56	0.4	0.4	0.8	0.6	0.4
PB-M12	M12x1.75	2	4	**0.75**	1.5	1	0.7	0.7	1.5	1.3	0.7
PB-M16	M16x2.0	4	8	**1.5**	3	2.1	1.5	1.5	3.1	2.2	1.5
PB-M20	M20x2.5	6	12	**2.3**	4.6	3.2	2.3	2.3	4.8	3.4	2.3
PB-M24	M24x3.0	8	16	**3.2**	6.4	4.5	3.2	3.2	6.7	4.8	3.2
PB-M30	M30x3.5	12	24	**4.5**	9	6.3	4.5	4.5	9.4	6.7	4.5
PB-M36	M36x4.0	16	32	**7**	14	9.8	7	7	14.7	10.5	7
PB-M42	M42x4.5	24	48	**9**	18	12.6	9	9	18.9	13.5	9
PB-M48	M48x5.0	32	64	**12**	24	16.8	12	12	25	18	12

Lifting Method And Load Table

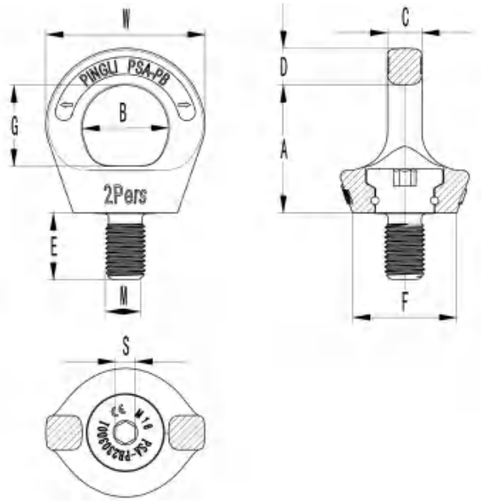
PB-U5/16	UNC5/16-18	0.8	1.6	**0.3**	0.6	0.4	0.3	0.3	0.6	0.5	0.3
PB-U3/8	UNC3/8-16	1	2	**0.4**	0.8	0.6	0.4	0.4	0.8	0.6	0.4
PB-U1/2	UNC1/2-13	2	4	**0.75**	1.5	1.1	0.75	0.75	1.5	1.3	0.75
PB-U5/8	UNC5/8-11	4	8	**1.5**	3	2.1	1.5	1.5	3.2	2.2	1.5
PB-U3/4	UNC3/4-10	6	12	**2.3**	4.6	3.2	2.3	2.3	4.8	3.4	2.3
PB-U7/8	UNC7/8-9	7	14	**3**	6	4.2	3	3	6.3	4.4	3
PB-U1"	UNC1"-8	8	16	**3.2**	6.4	4.5	3.2	3.2	6.7	4.8	3.2
PB-U1 1/4	UNC1 1/4-7	12	24	**4.5**	9	6.3	4.5	4.5	9.5	6.7	4.5
PB-U1 1/2	UNC1 1/2-6	16	32	**7**	14	9.8	7	7	14.7	10.5	7
PB-U1 3/4	UNC1 3/4-5	24	48	**9**	18	12.6	9	9	18.9	13.5	9
PB-U2"	UNC2"-4 1/2	32	64	**12**	24	16.8	12	12	25.2	18.0	12

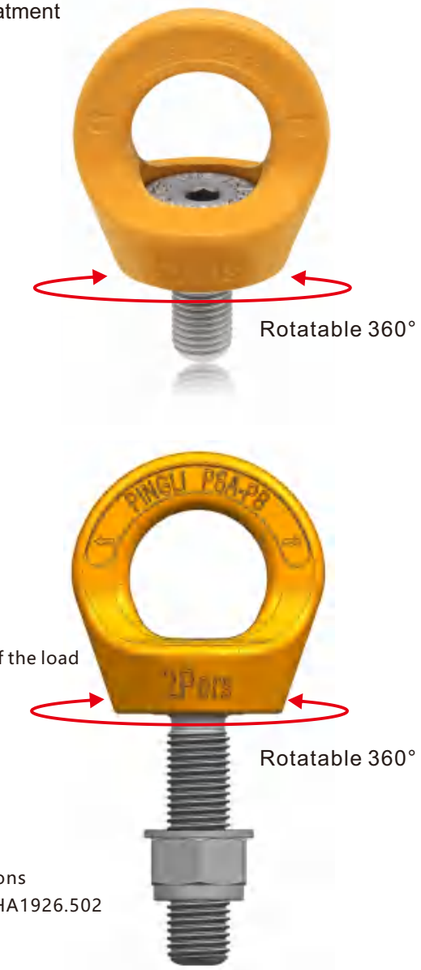
PSA Anchor Point for Personal Protective Equipment

Manufacture and test criteria：EN795/12　CEN/TS 16415：2013　OSHA 1926.502:2010

Manufacturing process: high-strength alloy steel - forging forming - normalizing treatment - rough machining - quenching and tempering treatment - precision machining - surface treatment

Drawing / Product specification





- PSA series products have passed German DGUV testing
- PSA-PB is forged from G100 grade chromium molybdenum alloy steel
- It can rotate 360 ° and the ring body can adjust itself according to the direction of the load
- Manufactured and tested according to TS 16415 standard
- According to EN 365 standard, declare the maximum carrying capacity of each lifting ring, which can be used with full load in all directions
- The lifting ring has passed the load test of 22.2KN/person
- The product has undergone 100% magnetic particle testing
- Marked with maximum rated load, all directions can be used with full load
- Color: Traffic yellow, greatly improving the visibility of the lifting eye
- The product has a unique number and identification such as thread specifications
- Meet all requirements of the European Union standards EN 795, EN 50308, OSHA1926.502
- PSA PB is personal safety protection equipment

Metric dimension chart of PSA-PB

Model	Working Load Limit(t)	Thread Version M	Dimension(MM) A	B	C	D	E	F	S	W	Torque N-m	Net Weight Kg
PSA-PB-M16	2Pers	M16×2.0	52	35	14	15	27	39	10	65	30	0. 50
PSA-PB-M20	2Pers	M20×2.5	60	40	16	17	30	46	12	75	70	0. 66

Note: Special specifications of thread length can be customized according to customer requirements, as shown in the picture. (The longest thread length of PSA-PB-M16 is 80mm, and the longest thread length of PSA-PB-M20 is 90mm)

American dimension chart of PSA-PB

Model	Working Load Limit(t)	Thread Version M	Dimension(MM) A	B	C	D	E	F	S	W	Torque N-m	Net Weight Kg
PSA-PB-U5/8	2Pers	U5/8-11	52	35	14	15	27	39	10	65	30	0. 50
PSA-PB-U3/4	2Pers	U3/4-10	60	40	16	17	30	46	12	75	70	0. 66

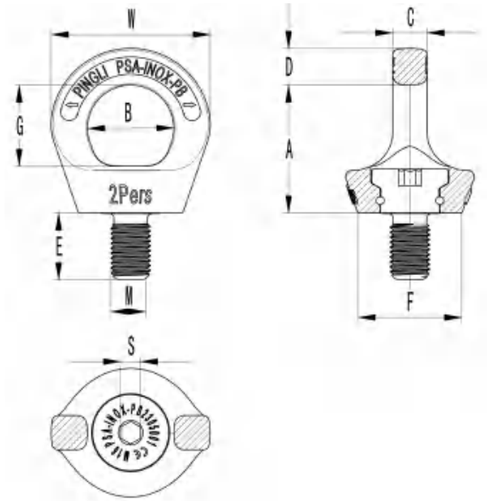
Note: Special specifications of thread length can be customized according to customer requirements, as shown in the picture. (The longest thread length for SA-PB-U 5/8 is 80mm, and the longest thread length for PSA-PB-U 3/4 is 90mm)

PSA Steeless Steel Anchor Point for Personal Protective Equipment

Manufacture and test criteria：EN795/12　CEN/TS 16415：2013　OSHA 1926.502:2010

Manufacturing process: S32205 duplex stainless steel - forging forming - rough machining - solution treatment - precision machining - surface treatment

Drawing / Product specification



- PSA series products have passed German DGUV testing
- PSA INOX is forged from duplex stainless steel
- It can rotate 360 ° and the ring body can adjust itself according to the direction of the load
- Manufactured and tested according to TS 16415 standard
- According to EN 365 standard, declare the maximum carrying capacity of each lifting ring, which can be used with full load in all directions
- The lifting ring has passed the load test of 22.2KN/person
- The product has undergone 100% magnetic particle testing
- Marked with maximum rated load, all directions can be used with full load
- Color: Traffic yellow, greatly improving the visibility of the lifting eye
- The product has a unique number and identification such as thread specifications
- Meet all requirements of the European Union standards EN 795, EN 50308, OSHA1926.502
- PSA INOX is personal safety protection equipment

Metric dimension chart of PSA-INOX-PB

stainless Steel

Model	Working Load Limit(t)	Thread Version M	Dimension(MM) A	B	C	D	E	F	S	W	Torque N-m	Net Weight Kg
PSA-INOX-PB-M16	2Pers	M16×2.0	52	35	14	15	27	39	10	65	30	0. 50
PSA-INOX-PB-M20	2Pers	M20×2.5	60	40	16	17	30	46	12	75	70	0. 66

Note: Special specifications of thread length can be customized according to customer requirements, as shown in the picture. (The longest thread length of PSA-INOX-PB-M16 is 80mm, and the longest thread length of PSA-INOX-PB-M20 is 90mm)

American dimension chart of PSA-INOX-PB

stainless Steel

Model	Working Load Limit(t)	Thread Version M	Dimension(MM) A	B	C	D	E	F	S	W	Torque N-m	Net Weight Kg
PSA-INOX-PB-U5/8	2Pers	U5/8-11	52	35	14	15	27	39	10	65	30	0. 50
PSA-INOX-PB-U3/4	2Pers	U3/4-10	60	40	16	17	30	46	12	75	70	0. 66

Note: Special specifications of thread length can be customized according to customer requirements, as shown in the picture. (The longest thread length for PSA-INOX-PB-U 5/8 is 80mm, and the longest thread length for PSA-INOX-PB-U 3/4 is 90mm)

PC G80 Alloy Steel Lifting Eyebolts

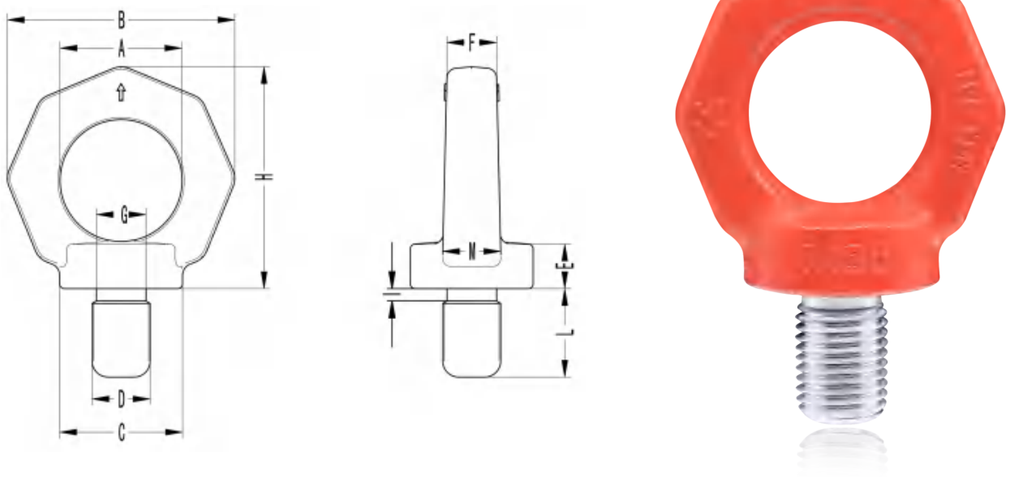
Manufacture and test criteria：

EN ISO 12100:2010,EN ISO 3266:2010+A1:2015

Patent No.:ZL 2019 3 0600612.8

Manufacturing process: high-strength alloy steel - forging forming - normalizing treatment - rough machining - quenching and tempering treatment - precision machining - surface treatment

Drawing / Product specification



Metric Thread(PC)

Model	D	A	B	C	E	F	M	G±0. 1	H	I	L+0.2	Weight(KG)
PC-M8	M8x1.25	20 $^{+0.6}_{-1.2}$	36 $^{+1.2}_{-0.6}$	20 $^{+1.2}_{-0.6}$	6 $^{+1}_{-0.5}$	8 $^{+1.1}_{-0.5}$	10 $^{+1.1}_{-0.5}$	6	36 $^{+1.2}_{-0.6}$	2.5	13	0.11
PC-M10	M10x1.5	25 $^{+0.6}_{-1.2}$	45 $^{+1.2}_{-0.6}$	25 $^{+1.2}_{-0.6}$	8 $^{+1}_{-0.5}$	10 $^{+1.1}_{-0.5}$	12 $^{+1.1}_{-0.5}$	7.7	44 $^{+1.2}_{-0.6}$	3	17	0.11
PC-M12	M12x1.75	30 $^{+0.6}_{-1.2}$	54 $^{+1.2}_{-0.6}$	30 $^{+1.2}_{-0.6}$	10 $^{+1}_{-0.5}$	12 $^{+1.1}_{-0.5}$	14 $^{+1.1}_{-0.5}$	9.4	53 $^{+1.2}_{-0.6}$	3.5	20.5	0.19
PC-M14	M14x2.0	35 $^{+0.6}_{-1.2}$	63 $^{+1.2}_{-0.6}$	35 $^{+1.2}_{-0.6}$	12 $^{+1}_{-0.5}$	14 $^{+1.1}_{-0.5}$	16 $^{+1.1}_{-0.5}$	11	62 $^{+1.2}_{-0.6}$	4	24	0.28
PC-M16	M16x2.0	35 $^{+0.6}_{-1.2}$	63 $^{+1.2}_{-0.6}$	35 $^{+1.2}_{-0.6}$	12 $^{+1}_{-0.5}$	14 $^{+1.1}_{-0.5}$	16 $^{+1.1}_{-0.5}$	13	63 $^{+1.2}_{-0.6}$	4	27	0.31
PC-M20	M20x2.5	40 $^{+0.6}_{-1.2}$	72 $^{+1.2}_{-0.6}$	40 $^{+1.2}_{-0.6}$	14 $^{+1}_{-0.5}$	16 $^{+1.1}_{-0.5}$	19 $^{+1.1}_{-0.5}$	16.4	72 $^{+1.2}_{-0.6}$	5	30	0.49
PC-M24	M24x3.0	50 $^{+0.6}_{-1.2}$	90 $^{+1.2}_{-0.6}$	50 $^{+1.2}_{-0.6}$	18 $^{+1}_{-0.5}$	20 $^{+1.1}_{-0.5}$	24 $^{+1.1}_{-0.5}$	19.6	90 $^{+1.2}_{-0.6}$	6	36	0.93
PC-M30	M30x3.5	60 $^{+0.7}_{-1.3}$	108 $^{+1.5}_{-0.7}$	65 $^{+1.3}_{-0.7}$	22 $^{+1.2}_{-0.6}$	24 $^{+1.2}_{-0.6}$	28 $^{+1.2}_{-0.6}$	25	109 $^{+1.5}_{-0.7}$	7	45	1.76
PC-M36	M36x4.0	70 $^{+0.7}_{-1.3}$	126 $^{+1.5}_{-0.7}$	75 $^{+1.3}_{-0.7}$	26 $^{+1.2}_{-0.6}$	28 $^{+1.2}_{-0.6}$	32 $^{+1.2}_{-0.6}$	30.3	128 $^{+1.5}_{-0.7}$	8	54	2.65
PC-M42	M42x4.5	80 $^{+0.8}_{-1.3}$	144 $^{+2.1}_{-1.1}$	85 $^{+1.7}_{-0.8}$	30 $^{+1.7}_{-0.8}$	32 $^{+1.2}_{-0.6}$	38 $^{+1.2}_{-0.6}$	35.6	146 $^{+1.5}_{-0.7}$	9	63	3.96
PC-M48	M48x5.0	90 $^{+0.8}_{-1.3}$	166 $^{+2.1}_{-1.1}$	100 $^{+1.7}_{-0.8}$	35 $^{+1.7}_{-0.8}$	38 $^{+1.2}_{-0.6}$	46 $^{+1.2}_{-0.6}$	41	168 $^{+1.5}_{-0.7}$	10	68	6.5
PC-M56	M56x5.5	100 $^{+0.8}_{-1.3}$	184 $^{+2.1}_{-1.1}$	110 $^{+1.7}_{-0.8}$	38 $^{+1.7}_{-0.8}$	42 $^{+1.2}_{-0.6}$	50 $^{+1.2}_{-0.6}$	49.8	187 $^{+1.5}_{-0.7}$	11	78	8.8
PC-M64	M64x6.0	110 $^{+0.8}_{-1.3}$	206 $^{+2.1}_{-1.1}$	120 $^{+1.7}_{-0.8}$	42 $^{+1.7}_{-0.8}$	48 $^{+1.2}_{-0.6}$	58 $^{+1.2}_{-0.6}$	55.7	207 $^{+1.5}_{-0.7}$	12	90	12.46
PC-M72	M72x6.0	140 $^{+1.2}_{-2.4}$	260 $^{+3}_{-1.5}$	150 $^{+2.4}_{-1.2}$	50 $^{+2.1}_{-1.1}$	60 $^{+2.1}_{-1.1}$	72 $^{+2.1}_{-1.1}$	63.7	260 $^{+3}_{-1.5}$	12	100	20
PC-M80	M80x6.0	160 $^{+1.2}_{-2.4}$	296 $^{+3}_{-1.5}$	170 $^{+2.4}_{-1.2}$	55 $^{+2.1}_{-1.1}$	68 $^{+2.1}_{-1.1}$	80 $^{+2.1}_{-1.1}$	71.7	298 $^{+3}_{-1.5}$	12	112	34.2
PC-M100	M100x6.0	180 $^{+1.2}_{-2.4}$	330 $^{+3}_{-1.5}$	190 $^{+2.4}_{-1.2}$	60 $^{+2.1}_{-1.1}$	75 $^{+2.1}_{-1.1}$	88 $^{+2.1}_{-1.1}$	91.7	330 $^{+3}_{-1.5}$	12	130	49.1

UNC Thread(PC)

Model	D	A	B	C	E	F	M	G±0.1	H	I	L+0.2	Weight(KG)
PC-U5/16	UNC5/16-18	20 $^{+0.6}_{-1.2}$	36 $^{+1.2}_{-0.6}$	20 $^{+1.2}_{-0.6}$	6 $^{+1}_{-0.5}$	8 $^{+1.1}_{-0.5}$	10 $^{+1.1}_{-0.5}$	6	36 $^{+1.2}_{-0.6}$	2.5	13	0.06
PC-U3/8	UNC3/8-16	25 $^{+0.6}_{-1.2}$	45 $^{+1.2}_{-0.6}$	25 $^{+1.2}_{-0.6}$	8 $^{+1}_{-0.5}$	10 $^{+1.1}_{-0.5}$	12 $^{+1.1}_{-0.5}$	7.3	44 $^{+1.2}_{-0.6}$	3	17	0.11
PC-U1/2	UNC1/2-13	30 $^{+0.6}_{-1.2}$	54 $^{+1.2}_{-0.6}$	30 $^{+1.2}_{-0.6}$	10 $^{+1}_{-0.5}$	12 $^{+1.1}_{-0.5}$	14 $^{+1.1}_{-0.5}$	9.9	53 $^{+1.2}_{-0.6}$	3.5	20.5	0.19
PC-U5/8	UNC5/8-11	35 $^{+0.6}_{-1.2}$	63 $^{+1.2}_{-0.6}$	35 $^{+1.2}_{-0.6}$	12 $^{+1}_{-0.5}$	14 $^{+1.1}_{-0.5}$	16 $^{+1.1}_{-0.5}$	12.7	63 $^{+1.2}_{-0.6}$	4	27	0.33
PC-U3/4	UNC3/4-10	40 $^{+0.6}_{-1.2}$	72 $^{+1.2}_{-0.6}$	40 $^{+1.2}_{-0.6}$	14 $^{+1}_{-0.5}$	16 $^{+1.1}_{-0.5}$	19 $^{+1.1}_{-0.5}$	15.6	72 $^{+1.2}_{-0.6}$	5	30	0.55
PC-U7/8	UNC7/8-9	50 $^{+0.6}_{-1.2}$	90 $^{+1.2}_{-0.6}$	50 $^{+1.2}_{-0.6}$	18 $^{+1}_{-0.5}$	20 $^{+1.1}_{-0.5}$	24 $^{+1.1}_{-0.5}$	18.5	90 $^{+1.2}_{-0.6}$	6	36	0.74
PC-U1"	UNC1"-8	50 $^{+0.6}_{-1.2}$	90 $^{+1.2}_{-0.6}$	50 $^{+1.2}_{-0.6}$	18 $^{+1}_{-0.5}$	20 $^{+1.1}_{-0.5}$	24 $^{+1.1}_{-0.5}$	21.2	90 $^{+1.2}_{-0.6}$	6	36	0.74
PC-U1 1/4	UNC1 1/4-7	60 $^{+0.7}_{-1.3}$	108 $^{+1.5}_{-0.7}$	65 $^{+1.3}_{-0.7}$	22 $^{+1.2}_{-0.6}$	24 $^{+1.2}_{-0.6}$	28 $^{+1.2}_{-0.6}$	27.1	109 $^{+1.5}_{-0.7}$	7	45	1.66
PC-U1 1/2	UNC1 1/2-6	70 $^{+0.7}_{-1.3}$	126 $^{+1.5}_{-0.7}$	75 $^{+1.3}_{-0.7}$	26 $^{+1.2}_{-0.6}$	28 $^{+1.2}_{-0.6}$	32 $^{+1.2}_{-0.6}$	32.7	128 $^{+1.5}_{-0.7}$	8	54	2.65
PC-U1 3/4	UNC1 3/4-5	80 $^{+0.8}_{-1.3}$	144 $^{+2.1}_{-1.1}$	85 $^{+1.7}_{-0.8}$	30 $^{+1.7}_{-0.8}$	32 $^{+1.2}_{-0.6}$	38 $^{+1.2}_{-0.6}$	37.8	149 $^{+1.5}_{-0.7}$	9	63	4.03
PC-U2"	UNC2"-4 1/2	90 $^{+0.8}_{-1.3}$	166 $^{+2.1}_{-1.1}$	100 $^{+1.7}_{-0.8}$	35 $^{+1.7}_{-0.8}$	38 $^{+1.2}_{-0.6}$	46 $^{+1.2}_{-0.6}$	43.7	168 $^{+1.5}_{-0.7}$	10	68	6.38
PC-U2 1/2	UNC2 1/2-4	110 $^{+0.8}_{-1.3}$	206 $^{+2.1}_{-1.1}$	120 $^{+1.7}_{-0.8}$	42 $^{+1.7}_{-0.8}$	48 $^{+1.2}_{-0.6}$	58 $^{+1.2}_{-0.6}$	55.4	207 $^{+1.5}_{-0.7}$	12	90	12.4

Product Features：

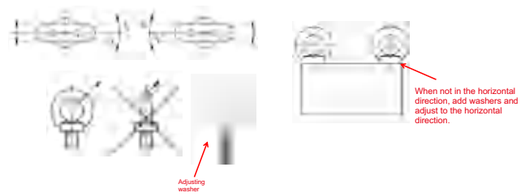
- The eyebolt is forged from G80 high-strength chrome-molybdenum alloy steel, and subject to quenching and tempering to achieve sufficient strength and toughness.
- The eyebolt is manufactured and tested in accordance with the EU specification and relevant standards.
- The products have been certificated for EuroCert CE.
- All products can be traced for quality through the test reports.
- The metric thread of the eyebolt complies with DIN EN 13 (M-6g), the UNC thread complies with ASME/ANSI B18.3.1M (UNC-2A), and the threads are 100% tested by go-no go fixed gauges, and the outer diameter tolerance of the thread is accurate to 6g.
- The products are tested by magnetic particle to ensure that they are free of cracks.
- The products are subject to dynamic fatigue limit test for 20,000 times under 1.5 times of working limit load.

Eyebolt Operation：

- The thread hole is sufficiently long to ensure that the eyebolt thread is completely screwed in;
- The eyebolt thread is securely fastened and fitted tightly to the contact surface (screwed in manually; not allowed to be tightened with tools);
- Any operation shall be Any operation shall be performed in strict accordance with the product operation manual.

Particular Attention

When a pair of eyebolts are used for lifting, the two eyebolts shall be aligned horizontally after they are completely screwed into the workpiece (see the right figure) to meet the lifting standard.When the eyebolt is completely screwed into the workpiece and the two padeyes are not on the same horizontal line, it is necessary to insert gaskets (adjusting washers) to calibrate the padeyes. The gasket shall be made of steel, with outer diameter not less than the contact surface between the eyebolt and the workpiece. Since the shear force is directly related to the contact surface size during lifting, the gasket thickness shall not be greater than 1/2 of the pitch. In any case the eyebolts should not be tightened for calibration.



Lifting Method And Load Table

Model	Thread size (mm)	Safe working limit load in axially vertical direction of single lifting point(WLL)t	Safe working limit load in axially vertical direction of double lifting points(WLL)t	Axial direction of double lifting points. Max. safe working load of a pair of eyebolts with a lifting angle of ⩽ 90° (WLL)t	The maximum safe working load of the four lifting ring screws in the axial direction of the four lifting points with a lifting angle of ⩽ 90 ° (WLL)t	Horizontal direction of double lifting points. Max. safe working load of a pair of eyebolts with a lifting angle of ⩽ 90° (WLL)t
PC-M8	M8x1.25	**0.6**	1.2	0.5	0.7	0.6
PC-M10	M10x1.5	**1**	2	0.9	1.3	0.9
PC-M12	M12x1.75	**1.6**	3.2	1.4	2.0	1.5
PC-M16	M16x2.0	**3**	6	2.7	3.8	2.8
PC-M20	M20x2.5	**4.5**	9	4.0	5.6	4.2
PC-M24	M24x3.0	**7**	14	6.2	8.7	6.6
PC-M30	M30x3.5	**11**	22	9.8	13.7	10.3
PC-M36	M36x4.0	**13**	26	11.5	16.1	12.2
PC-M42	M42x4.5	**18**	36	16	22.4	16.9
PC-M48	M48x5.0	**24**	48	21.3	29.8	22.5
PC-M56	M56x5.5	**34**	68	30.2	42.3	31.9
PC-M64	M64x6.0	**38**	76	33.7	47.2	36.6
PC-M72	M72x6.0	**42**	84	37.3	52.2	39.4
PC-M80	M80x6.0	**56**	112	49.7	69.6	52.5
PC-M100	M100x6.0	**80**	160	71	99.4	75

Lifting Method And Load Table

PC-U5/16	UNC5/16-18	**0.6**	1.2	0.5	0.7	0.6
PC-U3/8	UNC3/8-16	**1**	2	0.9	1.3	0.9
PC-U1/2	UNC1/2-13	**1.6**	3.2	1.4	2	1.5
PC-U5/8	UNC5/8-11	**3**	6	2.7	3.8	2.8
PC-U3/4	UNC3/4-10	**4.5**	9	4.0	5.6	4.2
PC-U7/8	UNC7/8-9	**6**	12	5.3	7.5	5.7
PC-U1"	UNC1"-8	**7**	14	6.2	8.7	6.6
PC-U1 1/4	UNC1 1/4-7	**11**	22	9.8	13.7	10.3
PC-U1 1/2	UNC1 1/2-6	**13**	26	11.5	16.1	12.2
PC-U1 3/4	UNC1 3/4-5	**18**	36	16	22.4	16.9
PC-U2"	UNC2"-4 1/2	**24**	48	21.3	29.8	22.5
PC-U2 1/2	UNC2 1/2-4	**38**	76	33.7	47.2	36.6

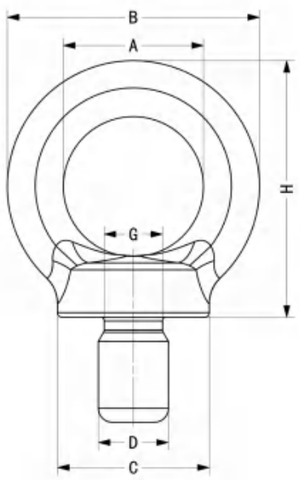
PD DIN580 Carbon Steel Lifting Eyebolts

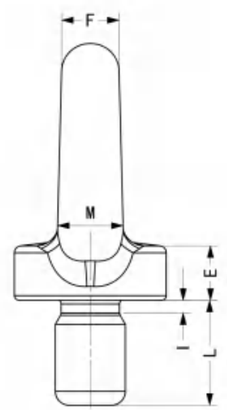
Manufacture and test criteria：

EN ISO 12100:2010,DIN 580:2010–09

Manufacturing process: C20 forging forming – normalizing – CNC precision machining

Drawing / Product specification





Metric Thread(PD)

Model	D	A	B	C	E	F	M	G±0.1	H	I	L+0.2	Weight(KG)
PD-M8	M8x1.25	20 $^{+0.6}_{-1.2}$	36 $^{+1.2}_{-0.6}$	20 $^{+1.2}_{-0.6}$	6 $^{+1}_{-0.5}$	8 $^{+1.1}_{-0.5}$	10 $^{+1.1}_{-0.5}$	6	36 $^{+1.2}_{-0.6}$	2.5	13	0.11
PD-M10	M10x1.5	25 $^{+0.6}_{-1.2}$	45 $^{+1.2}_{-0.6}$	25 $^{+1.2}_{-0.6}$	8 $^{+1}_{-0.5}$	10 $^{+1.1}_{-0.5}$	12 $^{+1.1}_{-0.5}$	7.7	44 $^{+1.2}_{-0.6}$	3	17	0.11
PD-M12	M12x1.75	30 $^{+0.6}_{-1.2}$	54 $^{+1.2}_{-0.6}$	30 $^{+1.2}_{-0.6}$	10 $^{+1}_{-0.5}$	12 $^{+1.1}_{-0.5}$	14 $^{+1.1}_{-0.5}$	9.4	53 $^{+1.2}_{-0.6}$	3.5	20.5	0.16
PD-M14	M14x2.0	35 $^{+0.6}_{-1.2}$	63 $^{+1.2}_{-0.6}$	35 $^{+1.2}_{-0.6}$	12 $^{+1}_{-0.5}$	14 $^{+1.1}_{-0.5}$	16 $^{+1.1}_{-0.5}$	11	62 $^{+1.2}_{-0.6}$	4	24	0.27
PD-M16	M16x2.0	35 $^{+0.6}_{-1.2}$	63 $^{+1.2}_{-0.6}$	35 $^{+1.2}_{-0.6}$	12 $^{+1}_{-0.5}$	14 $^{+1.1}_{-0.5}$	16 $^{+1.1}_{-0.5}$	13	63 $^{+1.2}_{-0.6}$	4	27	0.28
PD-M20	M20x2.5	40 $^{+0.6}_{-1.2}$	72 $^{+1.2}_{-0.6}$	40 $^{+1.2}_{-0.6}$	14 $^{+1}_{-0.5}$	16 $^{+1.1}_{-0.5}$	19 $^{+1.1}_{-0.5}$	16.4	72 $^{+1.2}_{-0.6}$	5	30	0.47
PD-M24	M24x3.0	50 $^{+0.6}_{-1.2}$	90 $^{+1.2}_{-0.6}$	50 $^{+1.2}_{-0.6}$	18 $^{+1}_{-0.5}$	20 $^{+1.1}_{-0.5}$	24 $^{+1.1}_{-0.5}$	19.6	90 $^{+1.2}_{-0.6}$	6	36	0.86
PD-M30	M30x3.5	60 $^{+0.7}_{-1.3}$	108 $^{+1.5}_{-0.7}$	65 $^{+1.3}_{-0.7}$	22 $^{+1.2}_{-0.6}$	24 $^{+1.2}_{-0.6}$	28 $^{+1.2}_{-0.6}$	25	109 $^{+1.5}_{-0.7}$	7	45	1.74
PD-M36	M36x4.0	70 $^{+0.7}_{-1.3}$	126 $^{+1.5}_{-0.7}$	75 $^{+1.3}_{-0.7}$	26 $^{+1.2}_{-0.6}$	28 $^{+1.2}_{-0.6}$	32 $^{+1.2}_{-0.6}$	30.3	128 $^{+1.5}_{-0.7}$	8	54	2.65
PD-M42	M42x4.5	80 $^{+0.8}_{-1.3}$	144 $^{+2.1}_{-1.1}$	85 $^{+1.7}_{-0.8}$	30 $^{+1.7}_{-0.8}$	32 $^{+1.8}_{-0.6}$	38 $^{+1.8}_{-0.6}$	35.6	146 $^{+1.9}_{-0.7}$	9	63	3.68
PD-M48	M48x5.0	90 $^{+0.8}_{-1.3}$	166 $^{+2.1}_{-1.1}$	100 $^{+1.7}_{-0.8}$	35 $^{+1.7}_{-0.8}$	38 $^{+1.2}_{-0.6}$	46 $^{+1.2}_{-0.6}$	41	168 $^{+1.5}_{-0.7}$	10	68	6
PD-M56	M56x5.5	100 $^{+0.8}_{-1.3}$	184 $^{+2.1}_{-1.1}$	110 $^{+1.7}_{-0.8}$	38 $^{+1.7}_{-0.8}$	42 $^{+1.8}_{-0.6}$	50 $^{+1.8}_{-0.6}$	49.8	187 $^{+1.9}_{-0.7}$	11	78	8.8
PD-M64	M64x6.0	110 $^{+0.8}_{-1.3}$	206 $^{+2.1}_{-1.1}$	120 $^{+1.7}_{-0.8}$	42 $^{+1.7}_{-0.8}$	48 $^{+1.2}_{-0.6}$	58 $^{+1.2}_{-0.6}$	55.7	207 $^{+1.5}_{-0.7}$	12	90	12.23
PD-M72	M72x6.0	140 $^{+1.2}_{-2.4}$	260 $^{+3}_{-1.5}$	150 $^{+2.4}_{-1.2}$	50 $^{+2.1}_{-1.1}$	60 $^{+2.1}_{-1.1}$	72 $^{+2.1}_{-1.1}$	63.7	260 $^{+3}_{-1.5}$	12	100	23.68
PD-M80	M80x6.0	160 $^{+1.2}_{-2.4}$	296 $^{+3}_{-1.5}$	170 $^{+2.4}_{-1.2}$	55 $^{+2.1}_{-1.1}$	68 $^{+2.1}_{-1.1}$	80 $^{+2.1}_{-1.1}$	71.7	298 $^{+3}_{-1.5}$	12	112	34.55
PD-M100	M100x6.0	180 $^{+1.2}_{-2.4}$	330 $^{+3}_{-1.5}$	190 $^{+2.4}_{-1.2}$	60 $^{+2.1}_{-1.1}$	75 $^{+2.1}_{-1.1}$	88 $^{+2.1}_{-1.1}$	91.7	330 $^{+3}_{-1.5}$	12	130	49.1

UNC Thread(PD)

Model	D	A	B	C	E	F	M	G±0.1	H	I	L+0.2	Weight(KG)
PD-U5/16	UNC5/16-18	20 $^{+0.6}_{-1.2}$	36 $^{+1.2}_{-0.6}$	20 $^{+1.2}_{-0.6}$	6 $^{+1}_{-0.5}$	8 $^{+1.1}_{-0.5}$	10 $^{+1.1}_{-0.5}$	6	36 $^{+1.2}_{-0.6}$	2.5	13	0.06
PD-U3/8	UNC3/8-16	25 $^{+0.6}_{-1.2}$	45 $^{+1.2}_{-0.6}$	25 $^{+1.2}_{-0.6}$	8 $^{+1}_{-0.5}$	10 $^{+1.1}_{-0.5}$	12 $^{+1.1}_{-0.5}$	7.3	44 $^{+1.2}_{-0.6}$	3	17	0.11
PD-U1/2	UNC1/2-13	30 $^{+0.6}_{-1.2}$	54 $^{+1.2}_{-0.6}$	30 $^{+1.2}_{-0.6}$	10 $^{+1}_{-0.5}$	12 $^{+1.1}_{-0.5}$	14 $^{+1.1}_{-0.5}$	9.9	53 $^{+1.2}_{-0.6}$	3.5	20.5	0.18
PD-U5/8	UNC5/8-11	35 $^{+0.6}_{-1.2}$	63 $^{+1.2}_{-0.6}$	35 $^{+1.2}_{-0.6}$	12 $^{+1}_{-0.5}$	14 $^{+1.1}_{-0.5}$	16 $^{+1.1}_{-0.5}$	12.7	63 $^{+1.2}_{-0.6}$	4	27	0.28
PD-U3/4	UNC3/4-10	40 $^{+0.6}_{-1.2}$	72 $^{+1.2}_{-0.6}$	40 $^{+1.2}_{-0.6}$	14 $^{+1}_{-0.5}$	16 $^{+1.1}_{-0.5}$	19 $^{+1.1}_{-0.5}$	15.6	72 $^{+1.2}_{-0.6}$	5	30	0.43
PD-U7/8	UNC7/8-9	50 $^{+0.6}_{-1.2}$	90 $^{+1.2}_{-0.6}$	50 $^{+1.2}_{-0.6}$	18 $^{+1}_{-0.5}$	20 $^{+1.1}_{-0.5}$	24 $^{+1.1}_{-0.5}$	18.5	90 $^{+1.2}_{-0.6}$	6	36	0.74
PD-U1"	UNC1"-8	50 $^{+0.6}_{-1.2}$	90 $^{+1.2}_{-0.6}$	50 $^{+1.2}_{-0.6}$	18 $^{+1}_{-0.5}$	20 $^{+1.1}_{-0.5}$	24 $^{+1.1}_{-0.5}$	21.2	90 $^{+1.2}_{-0.6}$	6	36	0.97
PD-U1 1/4	UNC1 1/4-7	60 $^{+0.7}_{-1.3}$	108 $^{+1.5}_{-0.7}$	65 $^{+1.3}_{-0.7}$	22 $^{+1.2}_{-0.6}$	24 $^{+1.2}_{-0.6}$	28 $^{+1.2}_{-0.6}$	27.1	109 $^{+1.5}_{-0.7}$	7	45	1.66
PD-U1 1/2	UNC1 1/2-6	70 $^{+0.7}_{-1.3}$	126 $^{+1.5}_{-0.7}$	75 $^{+1.3}_{-0.7}$	26 $^{+1.2}_{-0.6}$	28 $^{+1.2}_{-0.6}$	32 $^{+1.2}_{-0.6}$	32.7	128 $^{+1.5}_{-0.7}$	8	54	2.54
PD-U1 3/4	UNC1 3/4-5	80 $^{+0.8}_{-1.3}$	144 $^{+2.1}_{-1.1}$	85 $^{+1.7}_{-0.8}$	30 $^{+1.7}_{-0.8}$	32 $^{+1.2}_{-0.6}$	38 $^{+1.2}_{-0.6}$	37.8	149 $^{+1.5}_{-0.7}$	9	63	4.03
PD-U2"	UNC2"-4 1/2	90 $^{+0.8}_{-1.3}$	166 $^{+2.1}_{-1.1}$	100 $^{+1.7}_{-0.8}$	35 $^{+1.7}_{-0.8}$	38 $^{+1.2}_{-0.6}$	46 $^{+1.2}_{-0.6}$	43.7	168 $^{+1.5}_{-0.7}$	10	68	6.38
PD-U2 1/2	UNC2 1/2-4	110 $^{+0.8}_{-1.3}$	206 $^{+2.1}_{-1.1}$	120 $^{+1.7}_{-0.8}$	42 $^{+1.7}_{-0.8}$	48 $^{+1.2}_{-0.6}$	58 $^{+1.2}_{-0.6}$	55.4	207 $^{+1.5}_{-0.7}$	12	90	12.4

Product Features：

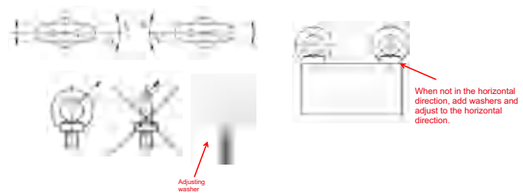
- The eyebolt is forged from G80 high-strength chrome-molybdenum alloy steel, and subject to quenching and tempering to achieve sufficient strength and toughness.
- The eyebolt is manufactured and tested in accordance with the EU specification and relevant standards.
- The products have been certificated for EuroCert CE.
- All products can be traced for quality through the test reports.
- The metric thread of the eyebolt complies with DIN EN 13 (M-6g), the UNC thread complies with ASME/ANSI B18.3.1M (UNC-2A), and the threads are 100% tested by go-no go fixed gauges, and the outer diameter tolerance of the thread is accurate to 6g.
- The products are tested by magnetic particle to ensure that they are free of cracks.
- The products are subject to dynamic fatigue limit test for 20,000 times under 1.5 times of working limit load.

Eyebolt Operation：

- The thread hole is sufficiently long to ensure that the eyebolt thread is completely screwed in;
- The eyebolt thread is securely fastened and fitted tightly to the contact surface (screwed in manually; not allowed to be tightened with tools);
- Any operation shall be Any operation shall be performed in strict accordance with the product operation manual.

Particular Attention

When a pair of eyebolts are used for lifting, the two eyebolts shall be aligned horizontally after they are completely screwed into the workpiece (see the right figure) to meet the lifting standard.When the eyebolt is completely screwed into the workpiece and the two padeyes are not on the same horizontal line, it is necessary to insert gaskets (adjusting washers) to calibrate the padeyes. The gasket shall be made of steel, with outer diameter not less than the contact surface between the eyebolt and the workpiece. Since the shear force is directly related to the contact surface size during lifting, the gasket thickness shall not be greater than 1/2 of the pitch. In any case the eyebolts should not be tightened for calibration.



Lifting Method And Load Table

Model	Thread size (mm)	Axial vertical work safety Ultimate Load (WLL)t	The maximum safe working load of paired eyebolts when the load is in the vertical direction and the lifting angle is less than or equal to 90°(WLL)t	The maximum safe working load of paired eyebolts when the load is in the horizontal direction and the lifting angle is less than or equal to 90°(WLL)t
PD-M8	M8x1.25	**0.14**	0.2	0.14
PD-M10	M10x1.5	**0.23**	0.34	0.23
PD-M12	M12x1.75	**0.34**	0.48	0.34
PD-M14	M14x2.0	**0.6**	0.86	0.6
PD-M16	M16x2.0	**0.7**	1	0.7
PD-M20	M20x2.5	**1.2**	1.72	1.2
PD-M24	M24x3.0	**1.8**	2.58	1.8
PD-M30	M30x3.5	**3.6**	5.04	3.6
PD-M36	M36x4.0	**5.1**	7.14	5.1
PD-M42	M42x4.5	**7**	9.8	7
PD-M48	M48x5.0	**8.6**	12.2	8.6
PD-M56	M56x5.5	**11.5**	16.4	11.5
PD-M64	M64x6.0	**16**	22	16
PD-M72	M72x6.0	**21**	29.4	21
PD-M80	M80x6.0	**28**	40	28
PD-M100	M100x6.0	**40**	58	40

Lifting Method And Load Table

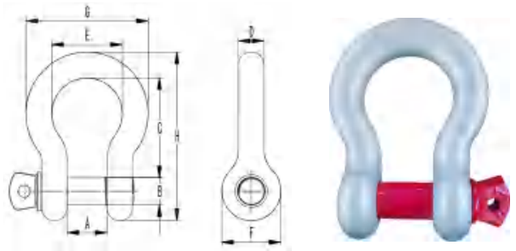
PD-U5/16	UNC5/16-18	**0.14**	0.2	0.14
PD-U3/8	UNC3/8-16	**0.23**	0.34	0.23
PD-U1/2	UNC1/2-13	**0.34**	0.48	0.34
PD-U5/8	UNC5/8-11	**0.7**	1	0.7
PD-U3/4	UNC3/4-10	**1.2**	1.72	1.2
PD-U7/8	UNC7/8-9	**1.4**	1.96	1.4
PD-U1"	UNC1"-8	**1.8**	2.58	1.8
PD-U1 1/4	UNC1 1/4-7	**3.6**	5.04	3.6
PD-U1 1/2	UNC1 1/2-6	**5.1**	7.14	5.1
PD-U1 3/4	UNC1 3/4-5	**7**	9.8	7
PD-U2"	UNC2"-4 1/2	**8.6**	12.2	8.6
PD-U2 1/2	UNC2 1/2-4	**16**	22	16

S6 Bow Shackle

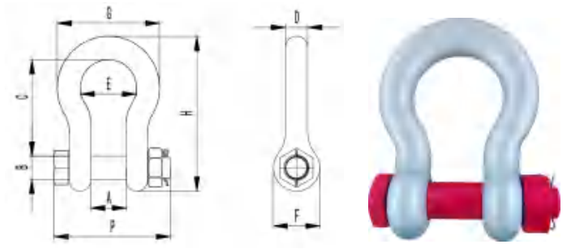
Manufacture and test criteria：
EN 13889:2003+A1:2008 RR–C–271F Type IVA Grade A

Manufacturing process: 40Cr forging forming - annealing treatment - rough machining - quenching and tempering treatment - precision machining - surface Dacromet treatment (salt spray test 720H)

(G-209) Drawing / Product specification



(G-2130) Drawing / Product specification



(G-209) Specifications table

Model	A±1.5	B±0.5	C±1	D±1	E±1.5	F±1.5	G±1	H±3	Weight(kg)	Working Load Limit (WLL) t
PSS-BW-3/16	9.7	6.4	22.4	4.8	15.2	14.2	24.9	37.3	0.03	0.33
PSS-BW-1/4	11.9	7.9	28.7	6.4	19.8	15.5	32.5	46.7	0.05	0.5
PSS-BW-5/16	13.5	9.7	30.9	7.9	21.3	19.1	37.3	53.1	0.09	0.75
PSS-BW-3/8	16.8	11.2	36.6	9.7	26.2	23.1	45.2	63.2	0.14	1
PSS-BW-7/16	19.1	12.7	42.9	11.2	29.5	26.9	51.6	73.9	0.17	1.5
PSS-BW-1/2	20.6	16.0	47.8	12.7	33.3	30.2	58.7	83.3	0.33	2
PSS-BW-5/8	26.9	19.1	60.5	16.0	42.9	38.1	74.7	106.4	0.62	3.25
PSS-BW-3/4	31.8	22.4	71.4	19.1	50.8	46.0	88.9	126.2	1.07	4.75
PSS-BW-7/8	36.6	25.4	84.1	22.4	57.9	53.1	102.4	148.1	1.64	6.5
PSS-BW-1	42.9	28. 7	95.3	25. 4	68. 3	60.5	119.1	166.6	2.28	8.5
PSS-BW-1 1/8	45.0	31. 8	108.0	29. 5	73. 9	68.3	131.1	189.7	3.36	9.5
PSS-BW-1 1/4	51.6	35. 1	119.1	32. 8	82. 6	76.2	146.1	209.6	4.31	12
PSS-BW-1 3/8	57.2	38. 1	133.4	36. 1	92. 2	84.1	162.1	232.7	6.14	13.5
PSS-BW-1 1/2	60.5	41. 4	146.1	39. 1	98. 6	92.2	174.8	254.0	7.80	17
PSS-BW-1 3/4	73.2	50. 8	177.8	46. 7	127. 0	106.4	225.0	314.4	12.6	25
PSS-BW-2	82.6	57. 2	196.9	52. 8	146. 1	122.2	253.2	347.5	20.41	35
PSS-BW-2 1/2	104.9	69. 9	266.7	68. 8	184. 2	144.5	326.9	453.1	38.9	55

(G-2130) Specifications table

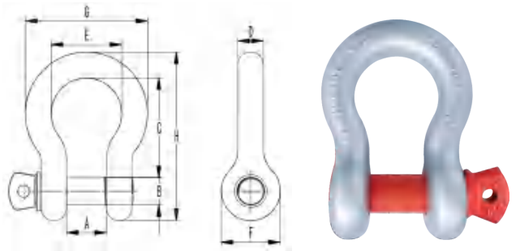
Model	A±1.5	B±0.5	C±1	D±1	E±1.5	F±1.5	G±1	H±3	P±3	Weight(kg)	Working Load Limit (WLL) t
PSS-BX-3/16	9.7	6.4	22.4	4.8	15.2	14.2	24.9	37.3	33	0.04	0.33
PSS-BX-1/4	11.9	7.9	28.7	6.4	19.8	15.5	32.5	46.7	40	0.07	0.5
PSS-BX-5/16	13.5	9.7	30.9	7.9	21.3	19.1	37.3	53.1	47	0.12	0.75
PSS-BX-3/8	16.8	11.2	36.6	9.7	26.2	23.1	45.2	63.2	57	0.19	1
PSS-BX-7/16	19.1	12.7	42.9	11.2	29.5	26.9	51.6	73.9	66	0.23	1.5
PSS-BX-1/2	20.6	16.0	47.8	12.7	33.3	30.2	58.7	83.3	72	0.36	2
PSS-BX-5/8	26.9	19.1	60.5	16.0	42.9	38.1	74.7	106.4	91	0.76	3.25
PSS-BX-3/4	31.8	22.4	71.4	19.1	50.8	46.0	88.9	126.2	106	1.23	4.75
PSS-BX-7/8	36.6	25.4	84.1	22.4	57.9	53.1	102.4	148.1	122	1.97	6.5
PSS-BX-1″	42.9	28. 7	95.3	25. 4	68. 3	60.5	119.1	166.6	138	2.57	8.5
PSS-BX-1 1/8	45.0	31. 8	108.0	29. 5	73. 9	68.3	131.1	189.7	152	3.75	9.5
PSS-BX-1 1/4	51.6	35. 1	119.1	32. 8	82. 6	76.2	146.1	209.6	173	5.31	12
PSS-BX-1 3/8	57.2	38. 1	133.4	36. 1	92. 2	84.1	162.1	232.7	185	7.18	13.5
PSS-BX-1 1/2	60.5	41. 4	146.1	39. 1	98. 6	92.2	174.8	254.0	199	9.43	17
PSS-BX-1 3/4	73.2	50. 8	177.8	46. 7	127. 0	106.4	225.0	314.4	238	15.38	25
PSS-BX-2″	82.6	57. 2	196.9	52. 8	146. 1	122.2	253.2	347.5	270	23.7	35
PSS-BX-2 1/2	104.9	69. 9	266.7	66.5	184. 2	144.5	326.9	453.1	345	44.57	55
PSS-BX-3″	127. 0	82.6	330. 2	76.2	200.2	165. 1	364.7	546. 1	400	69.85	85
PSS-BX-3 1/2	133. 4	95.3	371. 6	91.9	228.6	203. 2	419.1	625. 6	470	120.2	120
PSS-BX-4″	139. 7	108.0	368. 3	104.1	254.0	228. 6	467.9	652. 5	518	153.32	150

T8 Bow Shackle

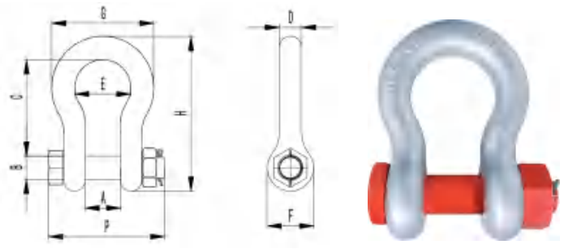
Manufacture and test criteria：
RR–C–271F Type IVA Grade B

Manufacturing process: 35CrMoA forging forming - annealing treatment - rough machining - quenching and tempering treatment - precision machining - surface Dacromet treatment (salt spray test 720H)

(G-209A) Drawing / Product specification



(G-2140) Drawing / Product specification



(G-209A) Specifications table

Model	A±1.5	B±0.5	C±1	D±1	E±1.5	F±1.5	G±1	H±3	Weight(kg)	Working Load Limit (WLL) t
PST-BW-3/16	9.7	6.4	22.4	4.8	15.2	14.2	24.9	37.3	0.03	0.5
PST-BW-1/4	11.9	7.9	28.7	6.4	19.8	15.5	32.5	46.7	0.05	0.75
PST-BW-5/16	13.5	9.7	30.9	7.9	21.3	19.1	37.3	53.1	0.09	1.2
PST-BW-3/8	16.8	11.2	36.6	9.7	26.2	23.1	45.2	63.2	0.14	2
PST-BW-7/16	19.1	12.7	42.9	11.2	29.5	26.9	51.6	73.9	0.17	2.5
PST-BW-1/2	20.6	16.0	47.8	12.7	33.3	30.2	58.7	83.3	0.33	3.3
PST-BW-5/8	26.9	19.1	60.5	16.0	42.9	38.1	74.7	106.4	0.62	5
PST-BW-3/4	31.8	22.4	71.4	19.1	50.8	46.0	88.9	126.2	1.07	7
PST-BW-7/8	36.6	25.4	84.1	22.4	57.9	53.1	102.4	148.1	1.64	9.5
PST-BW-1	42.9	28. 7	95.3	25. 4	68. 3	60.5	119.1	166.6	2.28	12.5
PST-BW-1 1/8	45.0	31. 8	108.0	29. 5	73. 9	68.3	131.1	189.7	3.36	15
PST-BW-1 1/4	51.6	35. 1	119.1	32. 8	82. 6	76.2	146.1	209.6	4.31	18
PST-BW-1 3/8	57.2	38. 1	133.4	36. 1	92. 2	84.1	162.1	232.7	6.14	21
PST-BW-1 1/2	60.5	41. 4	146.1	39. 1	98. 6	92.2	174.8	254.0	7.80	30
PST-BW-1 3/4	73.2	50. 8	177.8	46. 7	127. 0	106.4	225.0	314.4	12.6	40
PST-BW-2	82.6	57. 2	196.9	52. 8	146. 1	122.2	253.2	347.5	20.41	55
PST-BW-2 1/2	104.9	69. 9	266.7	68. 8	184. 2	144.5	326.9	453.1	38.9	85

(G-2140) Specifications table

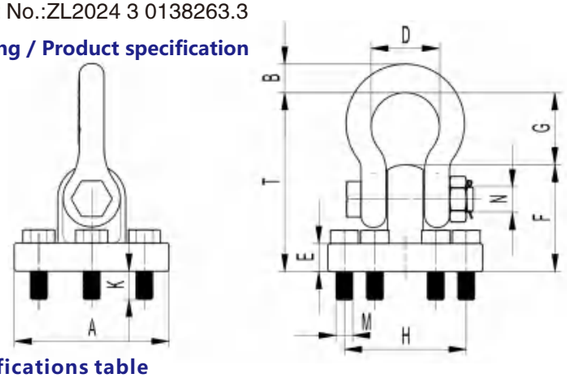
Model	A±1.5	B±0.5	C±1	D±1	E±1.5	F±1.5	G±1	H±3	P±3	Weight(kg)	Working Load Limit (WLL) t
PST-BX-3/16	9.7	6.4	22.4	4.8	15.2	14.2	24.9	37.3	33	0.04	0.5
PST-BX-1/4	11.9	7.9	28.7	6.4	19.8	15.5	32.5	46.7	40	0.07	0.75
PST-BX-5/16	13.5	9.7	30.9	7.9	21.3	19.1	37.3	53.1	47	0.12	1.2
PST-BX-3/8	16.8	11.2	36.6	9.7	26.2	23.1	45.2	63.2	57	0.19	2
PST-BX-7/16	19.1	12.7	42.9	11.2	29.5	26.9	51.6	73.9	66	0.23	2.5
PST-BX-1/2	20.6	16.0	47.8	12.7	33.3	30.2	58.7	83.3	72	0.36	3.3
PST-BX-5/8	26.9	19.1	60.5	16.0	42.9	38.1	74.7	106.4	91	0.76	5
PST-BX-3/4	31.8	22.4	71.4	19.1	50.8	46.0	88.9	126.2	106	1.23	7
PST-BX-7/8	36.6	25.4	84.1	22.4	57.9	53.1	102.4	148.1	122	1.97	9.5
PST-BX-1″	42.9	28.7	95.3	25.4	68.3	60.5	119.1	166.6	138	2.57	12.5
PST-BX-1 1/8	45.0	31.8	108.0	29.5	73.9	68.3	131.1	189.7	152	3.75	15
PST-BX-1 1/4	51.6	35.1	119.1	32.8	82.6	76.2	146.1	209.6	173	5.31	18
PST-BX-1 3/8	57.2	38.1	133.4	36.1	92.2	84.1	162.1	232.7	185	7.18	21
PST-BX-1 1/2	60.5	41.4	146.1	39.1	98.6	92.2	174.8	254.0	199	9.43	30
PST-BX-1 3/4	73.2	50.8	177.8	46.7	127.0	106.4	225.0	314.4	238	15.38	40
PST-BX-2″	82.6	57.2	196.9	52.8	146.1	122.2	253.2	347.5	270	23.7	55
PST-BX-2 1/2	104.9	69.9	266.7	66.5	184.2	144.5	326.9	453.1	345	44.57	85
PST-BX-3″	127.0	82.6	330.2	76.2	200.2	165.1	364.7	546.1	400	69.85	120
PST-BX-3 1/2	133.4	95.3	371.6	91.9	228.6	203.2	419.1	625.6	470	120.2	150
PST-BX-4″	139.7	108.0	368.3	104.1	254.0	228.6	467.9	652.5	518	153.32	175
PST-BX-4-3/4"	184.0	121.0	386.0	121.0	279.0	267.0	529.0	706.0	587	205	200
PST-BX-5"	216.0	127.0	470.0	127.0	330.0	305.0	600.0	829.0	617	269	250
PST-BX-6"	213.0	152.0	475.0	149.0	330.0	330.0	629.0	871.0	646	359	300

PW Universal Rotating Suspension Seat

Manufacture and test criteria：
EN ISO 12100:2010，EN ISO 3266:2010/A1:2015

Patent No.:ZL2024 3 0138263.3

Drawing / Product specification



Specifications table

Model	Load(t)	Weight(KG)	T±2	A±0.5	B±2	D±3	E±0.5	F±1	G±2	H±0.2	K±0.5	M±0.2	N±3	Bolt Specification	Torque
PW-55T	55	80	382	300	61	146	60	230	152	260	60	36	56	6XM36-120	6000Nm
PW-85T	85	167	507	400	79	184	89	296.5	210.5	310	71	48	68	6XM48-160	6000Nm
PW-100T	100	198	587	400	92	200	89	309.5	277.5	310	71	48	82	6XM48-160	6000Nm
PW-120T	120	340	608.5	571	92	200	110	350.5	258	445	75	48	82	6XM48-185	6000Nm
PW-200T	200	615	734.5	650	125	279	100	440	294.5	500	71	48	121	10XM48-171	6000Nm
PW-250T	250	965	872	730	142	330	138	520	352	580	72	48	127	12XM48-210	6000Nm
PW-300T	300	1235	899	790	154	330	160	550	349	670	75	48	152	16XM48-225	6000Nm

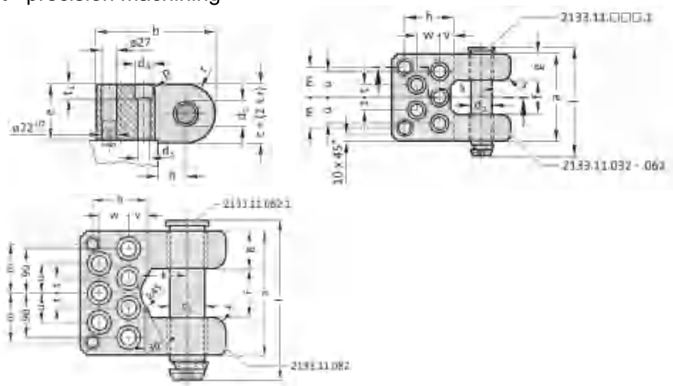
2133.11 Series Lifting Lugs With Lifting Pin With Safety Ring(DMK Series)

Manufacture and test criteria:
EN ISO 12100:2010 FIBRO standard (2133.11), compliant with VDI 3366

Patent No.:ZL 2021 3 0356963.6　ZL 2019 2 0459722.1

Manufacturing process: Suspension module: C20 (C45) forging forming - normalizing - CNC precision machining
Hanging rod: chromium molybdenum alloy steel - annealing treatment - rough machining
- quenching and tempering treatment - precision machining

Drawing / Product specification



Specifications table

Model	Max. bearing capacity of each pair(kg)	d1	d2	a	b	c	e	f	g	h	k	l	m	n	s	t	u	v	w	d3	d4	t1	Weight (kg)	Supporting suspension rod model
2133.11.032	6400	30	32	126	185	80	75	50	38	85	50	160.5	45	40	16	20	40	30	35	17.5	26	17.5	9	2133.11.032.1
2133.11.042	10000	40	42	150	210	100	95	60	45	87	55	190	52	50	20	22.5	45	25	40	22	33	21.5	14.6	2133.11.042.1
2133.11.052	16000	50	52	175	240	120	115	75	50	95	70	222	62.5	60	24	25	50	35	45	26	40	25.5	22.7	2133.11.052.1
2133.11.062	25000	60	62	200	300	140	130	80	60	145	80	247	77.5	65	30	35	65	60	65	39	57	38	36.54	2133.11.062.1
2133.11.082	36000	80	82	250	300	160	150	100	75	105	95	307	100	90	30	30	60	30	60	33	48	32	62.20	2133.11.082.1

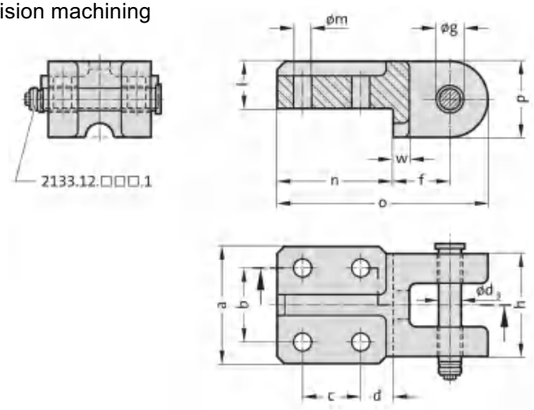
Note: When calculating the maximum allowable bearing capacity, at least two suspension modules should be used and molds should be used. Special specifications can be customized as needed.

2133.12 Series Lifting Lugs With Lifting Pin With Safety Ring

Manufacture and test criteria：
EN ISO 12100:2010 FIBRO standard

Manufacturing process: Suspension module: C20 (C45) forging forming - normalizing - CNC precision machining
Hanging rod: chromium molybdenum alloy steel - annealing treatment - rough machining
- quenching and tempering treatment - precision machining

Drawing / Product specification



Specifications table

Model	Max. bearing capacity of each pair(kg)	a	b	c	d	f	g(H13)	h	l	m	n	o	p	w	d3	Weight (kg)	Supporting suspension rod model
2133.12.016	1200	80	50	40	22.5	39	16	70	32	12.5	80	145	52	11	15.6	1.92	2133.12.016.1
2133.12.021	2000	90	60	40	27.5	42	21	79	36	16.5	90	160	56	13	20.6	2.57	2133.12.021.1
2133.12.026	4000	100	65	65	32.5	60	26	90	50	21	120	215	70	20	25.6	5.52	2133.12.026.1

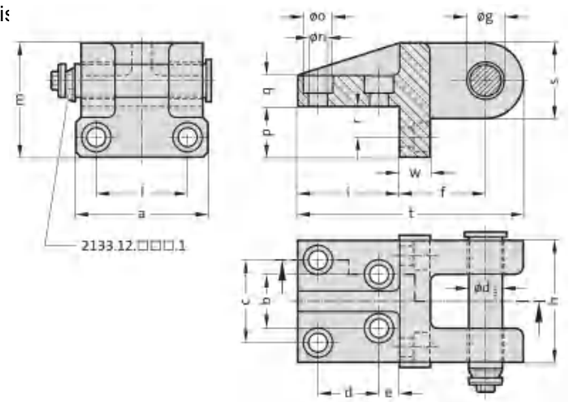
Note: When calculating the maximum allowable bearing capacity, at least two suspension modules should be used and molds should be used. Special specifications can be customized as needed.

2133.12 Series Lifting Lugs With Lifting Pin With Safety Ring

Manufacture and test criteria：
EN ISO 12100:2010 FIBRO standard

Manufacturing process: Suspension module: C20 (C45) forging forming - normalizing - CNC precision machining
Hanging rod: chromium molybdenum alloy steel - annealing treatment - rough machining
- quenching and tempering treatment - precis

Drawing / Product specification



Specifications table

Model	Max. bearing capacity of each pair(kg)	a	b	c	d	e	f	g(H13)	h	l	l	m	n	o	p	q	r	s	t	w	d3	Weight (kg)	Supporting suspension rod model
2133.12.034	8000	135	56	84	60	20	85	34	125	100	95	111	18	28	50	30	30	72	221	30	33	8.63	2133.12.034.1
2133.12.044	14000	180	80	110	70	30	100	44	160	125	130	140	22	36	60	40	35	90	270	40	43	17.27	2133.12.044.1

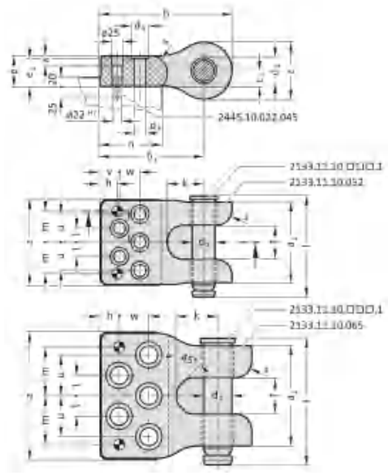
Note: When calculating the maximum allowable bearing capacity, at least two suspension modules should be used and molds should be used. Special specifications can be customized as needed.

2133.11.10 Series Lifting Lugs With Lifting Pin With Safety Ring

Manufacture and test criteria：
EN ISO 12100:2010 FIBRO standard

Manufacturing process: Suspension module: C20 (C45) forging forming - normalizing - CNC precision machining
Hanging rod: chromium molybdenum alloy steel - annealing treatment - rough machining - quenching and tempering treatment - precision machining

Drawing / Product specification



Specifications table

Model	Max. bearing capacity of each pair(kg)	d_1	d_2	a	a_1	b	b_1	c	c_1	e	f	h	k	l	m	n	s	t	u	v	w	x	d_5	d_6	e_2	Supporting suspension rod model
2133.11.10.052	16000	50	52	188	177	290	227.5	125	35	67	75	37.5	80	221	68.5	135	35	31	62	42.5	45	20	26	40	65	2133.11.10.052.1
2133.11.10.065	25000	63	65	280	220	333	258	150	47	91	80	42	90	277	107	150	35	45	90	42	65	46	39	58	84	2133.11.10.065.1

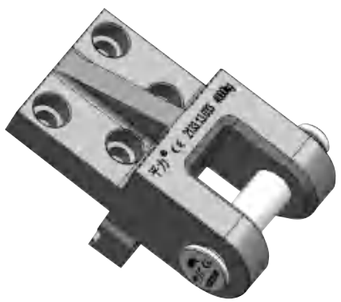
Note: When calculating the maximum allowable bearing capacity, at least two suspension modules should be used and molds should be used. Special specifications can be customized as needed.

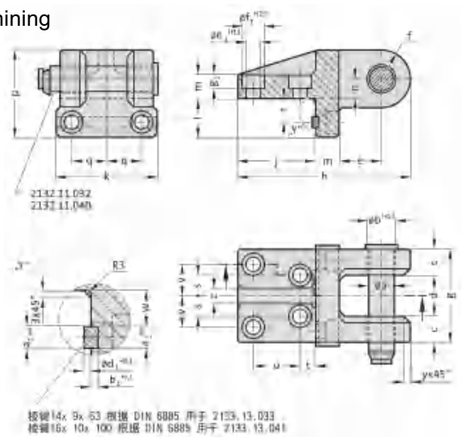
2133.13 Series Lifting Lugs With Lifting Pin With Safety Ring

Manufacture and test criteria：
EN ISO 12100:2010 FIBRO standard

Manufacturing process: Suspension module: C20 (C45) forging forming - normalizing - CNC precision machining
Hanging rod: chromium molybdenum alloy steel - annealing treatment - rough machining - quenching and tempering treatment - precision machining

Drawing / Product specification





Specifications table

Model	Max. bearing capacity of each pair(kg)	a	b	c	d	e	f	g(H13)	h	j	k	l	m	n	p	q	r	s	t	u	v	w	y	z	a_1	b_1	d_2	e_1	f_1	g_1	Supporting suspension rod model
2133.13.033	8000	32	33	35	55	55	36	125	221	100	135	50	30	25	111	48	30	28	20	60	42	24	10	20	14	4.5	4.5	18	28	17	2132.11.032
2133.13.041	12600	40	41	50	60	60	45	160	270	125	180	60	40	35	140	65	35	40	30	70	55	27	12.5	25	16	5	5	22	36	21	2132.11.040

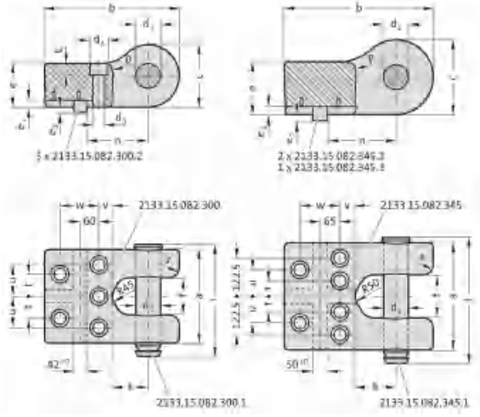
Note: When calculating the maximum allowable bearing capacity, at least two suspension modules should be used and molds should be used. Special specifications can be customized as needed.

2133.15 Series Lifting Lugs With Lifting Bolt Pin Safety Ring

Manufacture and test criteria：
EN ISO 12100:2010 FIBRO standard

Manufacturing process: Suspension module: C20 (C45) forging forming - normalizing - CNC precision machining
Hanging rod: chromium molybdenum alloy steel - annealing treatment - rough machining - quenching and tempering treatment - precision machining

Drawing / Product specification



Specifications table

Model	Max. bearing capacity of each pair(kg)	d_1	d_2	a	b	c	e	f	k	l	n	p	s	t	u	v	w	d_3	d_4	t_1	e_1	e_2	Supporting suspension rod model
2133.15.082.300	50000	80	82	300	435	200	140	120	115	360	199	30	30	70	100	45	125	39	58	37	21	19	2133.15.082.300.1
2133.15.082.345	63000	80	82	345	480	240	170	135	130	405	220	30	30	50	85	50	130	39	58	37	26	22	2133.15.082.345.1

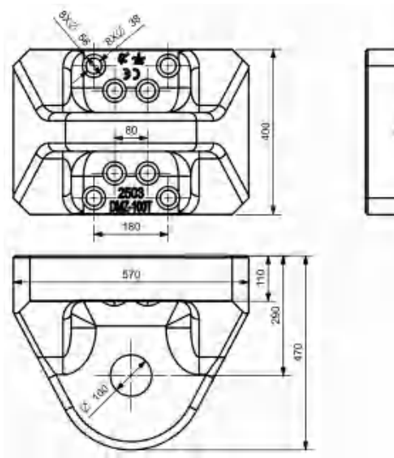
Note: When calculating the maximum allowable bearing capacity, at least two suspension modules should be used and molds should be used. Special specifications can be customized as needed.

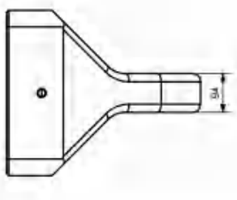
G80 Alloy Steel Lifting Lugs

Manufacture and test criteria：Made by custom

Manufacturing process: high-strength chromium molybdenum alloy steel - forging forming - normalizing treatment - rough machining - quenching and tempering treatment - precision machining

Drawing / Product specification





Lifting method			
Number of lifting points	1	2	2
Lifting angle	0°	0°	β≤45°
Working Load Limit (WLL) t	100	200	140

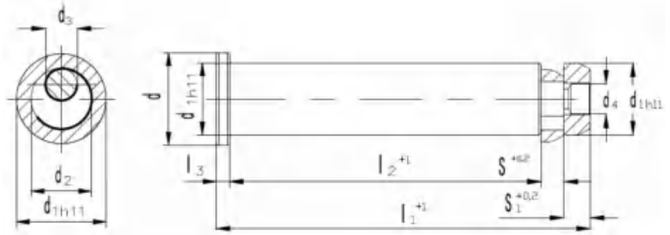
Lifting Pin

Manufacture and test criteria：
EN ISO 12100:2010 FIBRO standard (2133.11), Complies with BMW standards, VDI 3366 standards, VW standards, CNOMO standards, GM standards, misumi standards, OMCR standards

Patent No.:ZL 2021 2 1291877.2

Manufacturing process: 42CrMoA alloy steel – annealing treatment – rough machining – quenching and tempering treatment – precision machining

Product Diagrams of Mold Lifting Bar 2133.11 Series, 2133.12 Series, 2132.10 Series, 2132.10.55 Series, 2132.11 Series, B02.10 Series, B02.11 Series, B02.12 Series, B02.30 Series, B02.35 Series, B02.44 Series, B02.45 Series and B02.40 Series



Specifications table

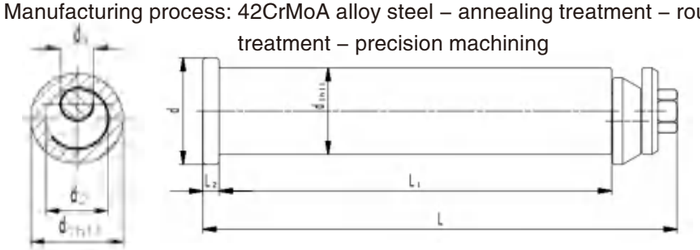
Model	Max. bearing capacity of each pair(kg)	d	d_1	d_2	d_3	d_4	l_1	l_2	l_3	S	S_1	Weight(kg)
2133.11.032.1	6400	40	30	22	13	M10	160.5	135	6	10.5	9	0.88
2133.11.042.1	10000	50	40	28	15	M14	190	155	10	15	10	1.83
2133.11.052.1	16000	60	50	32	20	M20	222	180	11	16	15	3.34
2133.11.062.1	25000	75	60	42	28	M28	247	205	11	16	15	5.38
2133.11.082.1	36000	90	80	56	36	M36	307	257	12	21	17	11.85
2133.11.10.052.1	16000	60	50	32	20	M20	223	182	11	15	15	5.6
2133.11.10.065.1	25000	75	63	42	28	M28	269	225	14	15	15	7
2133.15.082.300.1	50000	95	80	56	36	M36	360	310	12	21	17	13.5
2133.15.082.345.1	63000	95	80	56	36	M36	405	355	12	21	17	15.7
2132.10.032	6400	40	32	22	13	M10	170	145	6	10	9	1.08
2132.10.040	10000	50	40	28	15	M14	220	188	8	14	10	2.15
2132.10.050	16000	60	50	32	20	M20	270	230	10	15	15	4.09
2132.10.063	25000	75	63	42	28	M28	337	295	12	15	15	8.2
2132.10.076	63000	95	76	56	36	M36	419	360	12	20	27	14.5
2132.10.55.032	6400	40	32	22	13	M10	170	145	6	10	9	1.05
2132.10.55.040	10000	50	40	28	15	M14	220	188	8	14	10	2.17
2132.10.55.050	16000	60	50	32	20	M20	270	230	10	15	15	4.12
2132.10.55.063	25000	75	63	42	28	M28	337	295	12	15	15	8.2
2132.10.55.076	63000	95	76	56	36	M36	419	360	12	20	27	14.95
2132.11.032	12000	40	32	22	13	M10	157	132	6	10	9	0.96
2132.11.040	18000	50	40	28	15	M14	202	170	8	14	10	1.96
2132.11.050	28000	60	50	32	20	M20	252	212	10	15	15	3.81
2132.11.063	45000	75	63	42	28	M28	307	265	12	15	15	7.4
B02.10.32	6400	40	32	22	13	M10	170	145	6	10	9	1.05
B02.10.40	10000	50	40	28	15	M14	220	188	8	14	10	2.17
B02.10.50	16000	60	50	32	20	M20	270	230	10	15	15	4.12
B02.10.63	25000	75	63	42	28	M28	337	295	12	15	15	8.12
B02.10.76	63000	95	76	56	36	M36	418	360	12	19	27	14.5
B02.11.32	6400	40	32	22	13	M10	170	145	6	10	9	1.05
B02.11.40	10000	50	40	28	15	M14	220	188	8	14	10	2.17
B02.11.50	16000	60	50	32	20	M20	270	230	10	15	15	4.12
B02.11.63	25000	75	63	42	28	M28	337	295	12	15	15	8.12
B02.11.76	63000	95	76	56	36	M36	418	360	12	19	27	14.5
B02.12.32	6400	40	32	22	13	M10	170	145	6	10	9	1.05
B02.12.40	10000	50	40	22	15	M14	220	188	8	14	10	2.17
B02.12.50	16000	60	50	32	20	M20	270	230	10	15	15	4.12
B02.12.63	25000	75	63	42	28	M28	337	295	12	15	15	8.12
B02.12.76	63000	95	76	56	36	M36	418	360	12	19	27	14.5
B02.30.32	12000	40	32	22	13	M10	157	132	6	10	9	1.00
B02.30.40	18000	50	40	28	15	M14	202	170	8	14	10	2.00

Model	Max. bearing capacity of each pair(kg)	d	d_1	d_2	d_3	d_4	l_1	l_2	l_3	S	S_1	Weight(kg)
B02.30.50	28000	60	50	32	20	M20	252	212	10	15	15	3.78
B02.30.63	45000	75	63	42	28	M28	307	265	12	15	15	4.31
B02.23.40	4000	60	40	28	15	M14	199	160	15	14	10	
B02.23.50	6000	70	50	32	20	M20	265	220	15	15	15	
B02.23.60	10000	80	60	42	28	M28	275	230	15	15	15	
B02.23.70	15000	90	70	56	36	M36	311	250	15	19	27	
B02.23.80	35000	100	80	56	36	M36	361	300	15	19	27	
B02.35.40	5000	50	40	28	15	M14	192	160	8	14	10	
B02.35.63C	16000	75	63	42	28	M28	274	230	14	15	15	
B02.35.63	24000	75	63	42	28	M28	319	275	14	15	15	
B02.35.80	40000	95	80	56	36	M36	401	340	15	19	27	
B02.40.30	6400	40	30	22	13	M10	160.5	135	6	10.5	9	0.9
B02.40.40	10000	50	40	28	15	M14	190	155	10	15	10	1.88
B02.40.50	16000	60	50	32	20	M20	222	180	11	16	15	2.46
B02.40.60	25000	75	60	42	28	M28	247	205	11	16	15	5.6
B02.40.80	36000	90	80	56	36	M36	307	257	12	21	17	11.7
B02.40.80A	50000	90	80	56	36	M36	360	310	12	21	17	13.5
B02.40.80B	63000	90	80	56	36	M36	415	355	22	21	17	15.7
B02.44.50	16000	60	50	32	20	M20	223	182	11	15	15	5.6
B02.44.63	25000	75	63	42	28	M28	269	225	14	15	15	7
B02.45.100	85000	125	99	56	36	M36	413	350	17	19	27	15.7

Note: When calculating the maximum allowable bearing capacity, at least two suspension rods should be used and molds should be used. Special specifications can be customized as needed.

Product Diagrams of Mold Lifting Bar 2133.12 Series, B02.42 Series, B02.15 Series and ST-KG Series

Manufacturing process: 42CrMoA alloy steel – annealing treatment – rough machining – quenching and tempering treatment – precision machining

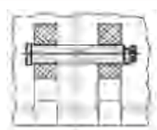


Specifications table

Model	Max. bearing capacity of each pair(kg)	d	d_1	d_2	d_3	L	L_1	L_2	Weight(kg)
2133.12.016.1	1200	25	15.6	11	6	103	77	6	0.16
2133.12.021.1	2000	30	20.6	14	7	114	86	6	0.29
2133.12.026.1	4000	35	25.6	17	9	130.5	100	6	0.5
2133.12.034.1	8000	43	33	22	12	168.5	105	6	1.07
2133.12.044.1	14000	53	43	28	16	215	175	8	2.31
B02.42.15	1200	25	15.6	11	6	103	77	6	0.16
B02.42.20	2000	30	20.6	14	7	114	86	6	0.29
B02.42.25	4000	35	25.6	17	9	130.5	100	6	0.5
B02.42.33	8000	43	33	22	12	168.5	135	6	1.07
B02.42.43	14000	53	43	28	16	215	175	8	2.31
ST-KG600-P	1200	25	15.6	11	6	103	77	6	0.16
ST-KG1000-P	2000	30	20.6	14	7	114	86	6	0.29
ST-KG2000-P	4000	35	25.6	17	9	130.5	100	6	0.5
ST-KG4000-P	8000	43	33	22	12	168.5	135	6	1.07
ST-KG7000-P	14000	53	43	28	16	215	175	8	2.31
B02.15.29	4000	38	29	22	13	178.5	150	6	0.9
B02.15.33	6400	43	33	28	15	200.5	170	6	1.5
B02.15.43	10000	53	43	28	15	235	195	8	2.54
B02.15.53	16000	65	53	32	20	282	235	10	4.68
B02.15.53C	16000	65	53	32	20	227	180	10	4.8
B02.15.63	24000	78	63	42	28	352.5	295	12	8.21
B02.15.63C	26000	78	63	42	28	272.5	215	12	8.4
B02.15.78	60000	95	78	56	36	421.5	355	14	15.04

Note: When calculating the maximum allowable bearing capacity, at least two suspension rods should be used and molds should be used. Special specifications can be customized as needed.

Installation Instructions for Supporting Mold Lifting Block and Mold Lifting Bar



- Reserve a safety space on the two outer sides of the cast iron wall and a installation space on one side.
- The mold lifting bar shall always be inserted into the middle of the mold from the outside.
- The mold lifting bar shall be fully inserted into the supporting ring. The stop ring at the front end of the mold lifting bar can clamp the supporting ring to make the lifting rod not slide out of the supporting ring.

Lifting Pin With Safety Pin

Manufacture and test criteria:EN ISO 12100:2010 Complies with GM and Misumi standards

Patent No.:ZL 2021 2 1291877.2

Manufacturing process: 42CrMoA alloy steel – annealing treatment – rough machining – quenching and tempering treatment – precision machining

Product Diagrams of Mold Lifting Bar 90.15.00, B02.26 Series, CML01 Series and B02.22 Series

Specifications table

Model	Max. bearing capacity of each pair(kg)	d_1	d_2	a_1	a_2	a_5	b_1	f_1	e_1	t	Weight(kg)
90.15.00-32A	3400	32	40	177	155	4	8	8	28	M14×2.0	1.08
90.15.00-40B	5650	40	50	220	188	10	14	10	32	M14×2.0	2.06
90.15.00-50	8950	50	60	270	230	10	15	15	38	M20×2.5	3.29
90.15.00-63	14350	63	75	342	295	10	15	15	50	M28×2.0	8.15
90.15.00-80	26700	80	89	387	335	10	15	20	63	M36×4.0	14.54
B02.26.32	3400	32	40	177	155	4	8	8	28	M14×2.0	1.05
B02.26.40	5650	40	50	220	188	10	14	10	32	M14×2.0	2.06
B02.26.50	8950	50	60	270	230	10	15	15	38	M20×2.5	3.29
B02.26.63	14350	63	75	342	295	10	15	15	50	M28×2.0	8.03
B02.26.80	26700	80	89	387	335	10	15	20	63	M36×4.0	15
CML013512	6000	35	46	165	125	5	14	15	30	M14×2.0	1.05
CML015019	9500	50	63	230	190	8	14	15	35	M20×2.5	3.37
CML016328	14000	63	76	320	280	8	14	15	50	M28×2.0	7.55
CML018032	16000	80	89	370	320	15	16.5	17.5	63	M36×4.0	14.05
B02.22.35	1500	35	45	165	125	5	14	15	30	M14×2.0	1.05
B02.22.50	5000	50	63	230	190	8	14	15	35	M20×2.5	3.37
B02.22.63	20000	63	76	320	280	8	14	15	50	M28×2.0	7.46
B02.22.80	30000	80	89	370	320	15	16.5	17.5	63	M36×4.0	13.9

Note: When calculating the maximum allowable bearing capacity, at least two suspension rods should be used and molds should be used. Special specifications can be customized as needed.

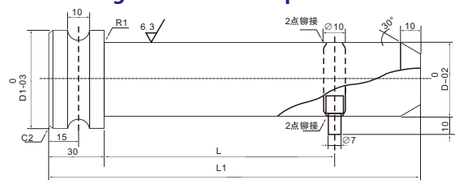
Lifting Pin With Safety Pin

Manufacture and test criteria: EN ISO 12100:2010 Meets Misumi standards

Patent No.:ZL 2021 3 0593638.1

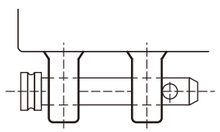
Manufacturing process: 42CrMoA alloy steel – annealing treatment – rough machining – quenching and tempering treatment – precision machining

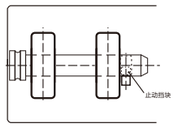
Product diagram of HLFB suspension rod



Installation Instructions

- Make sure that the stop block is downward during installation and operation.
- Do not make the flange protrude from the mold during installation and operation.





Specifications table

Model	D1	L1	L	D	Max. bearing capacity (kg) of 4 bars
HLFB25	34	185	135	25	3000
HLFB35	44	240	190	35	5000
HLFB40	50	260	210	40	9000
HLFB50	60	290	240	50	14000
HLFB65	75	330	280	65	17000

PM G80 Alloy Steel Lifting Rods With Thread

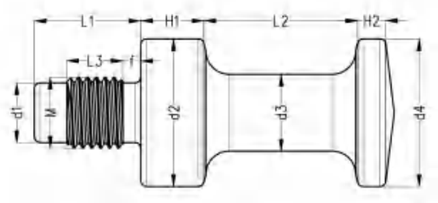
Manufacture and test criteria：EN ISO 12100:2010

Patent No.:ZL 2018 3 0003917.6

Manufacturing process: high-strength chromium molybdenum alloy steel - forging forming - annealing treatment - rough machining - quenching and tempering treatment - precision machining

The hanging mold rod is a simple lifting tool that facilitates the rapid lifting, lifting, flipping, and flipping of plates and molds in the manufacturing process of the mold industry and mechanical manufacturing industry. It is safe, convenient, and fast to use.

Drawing / Product specification



Metric Thread(PM)

Model	M	L1	L2	H1	H2	L3	d1	d2	d3	d4	f	Weight(kg)
PM-M10	M10x1.5	17	46	14	6.5	10	7.6	30	18	29	3	0.28
PM-M12	M12x1.75	21	46	14	6.5	11.5	9.4	30	18	29	3.5	0.30
PM-M16	M16x2.0	27	46	14	6.5	13	13.0	30	18	29	4	0.24
PM-M20	M20x2.5	30	51	20	8.5	16	16.4	50	26	49	5	0.76
PM-M24	M24x3.0	36	51	20	8.5	19	19.6	50	26	49	6	0.81
PM-M30	M30x3.5	45	85	26	11	24	25.0	75	38	74	7	2.43
PM-M36	M36x4.0	54	85	26	11	26	30.3	75	38	74	8	2.6
PM-M42	M42x4.5	63	120	35	13.5	28	35.6	100	50	90	9	6.02
PM-M48	M48x5.0	68	120	35	13.5	31	41.0	100	50	90	10	6.05

Lifting Method And Load Table

Model	M10	M12	M16	M20	M24	M30	M36	M42	M48	The lifting method is shown in the diagram (the load must be in the horizontal direction, and the lifting angle cannot exceed 60 °)
Working ultimate load of paired support bolts (WLL) t	0.8	1.0	1.8	3.0	4.4	6.6	8	11.2	15	

G80 Alloy Steel Lifting Columns With Thread

Manufacture and test criteria：Made by custom

Manufacturing process: high-strength chromium molybdenum alloy steel - forging forming - annealing treatment - rough machining - quenching and tempering treatment - precision machining

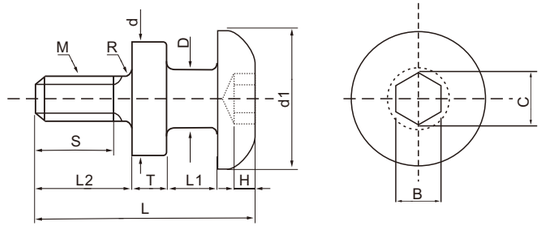
Drawing / Product specification

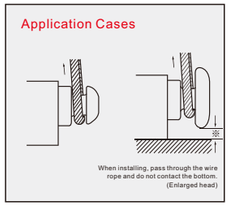
CHN/CHNL Hooks- Bolt Type/Large Head Bolt Type

Manufacture and test criteria：
EN ISO 12100:2010 Meets Misumi standards

Manufacturing process: high-strength chromium molybdenum alloy steel - forging forming - annealing treatment - rough machining - quenching and tempering treatment - precision machining

Drawing / Product specification





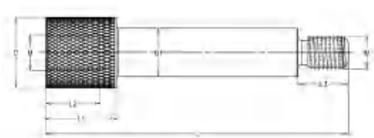
M×P	D	d	CHN/d1	CHNL/d1	CHN/L1	CHNL/L1	L2	S	T	CHN/L	CHNL/L	R	H	B	C	Single maximum load (kg)
10×1.5	13	32	32	42	10	18	20	16	8	46	54	1.5	5	8	9.2	250
12×1.75	16	36	36	48	13	20	24	20	10	57	64	1.5	6	10	11.7	360
16×2.0	20	40	40	52	18	25	30	25	13	75	82	2	9	14	16.3	680
20×2.5	25	48	48	62	20	28	37	32	16	90	98	2	12	17	19.8	1060
24×3.0	32	58	58	76	25	33	47	40	20	111	119	2.5	13	19	22.1	1530
30×3.5	36	68	68	88	30	40	56	48	22	131	141	3	16	22	25.6	2430
36×4.0	40	78	78	100	30	40	68	58	25	148	158	3	18	27	31.4	3550

G80 Alloy Steel Extension Rods for lifting eyebolt

Manufacture and test criteria：Made by custom

Manufacturing process: high-strength chromium molybdenum alloy steel - annealing treatment - rough machining - quenching and tempering treatment - precision machining

Drawing / Product specification



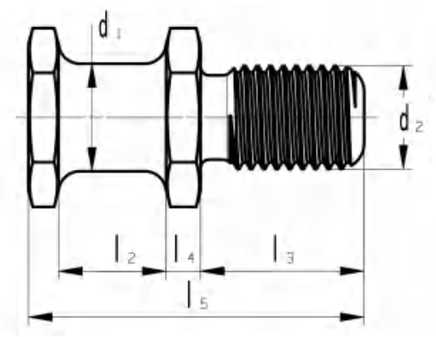
Model	D	D1	L	L1	L2	L3	Lifting method		
							Number of lifting points	1	2
PYC-M8×85	20	14	85	25	15	13	Working tension (kg)	600	200
PYC-M10×90	25	16	90	30	21	17		900	300
PYC-M12×100	30	20	100	40	23	21		1100	400
PYC-M16×120	35	24	120	40	30	27		2000	600
PYC-M20×120	39	28	120	50	35	30		3000	800
PYC-M24×150	50	34	150	57	43	36		4000	1500

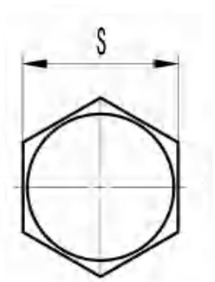
213.12(B02.05) Support Bolts

Manufacture and test criteria：EN ISO 12100:2010 Compliant with VDI 3366 standard

Manufacturing process: high-strength chromium molybdenum alloy steel - forging forming - annealing treatment - rough machining - quenching and tempering treatment - precision machining
Support bolts are a simple lifting tool that facilitates the rapid lifting, lifting, flipping, and mold flipping processes in the mold and mechanical manufacturing industries. They are safe, convenient, and fast to use.

Drawing / Product specification

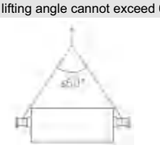




Metric Thread

Model		d_1	d_3	l_2	l_3	l_4	l_5	S	Single maximum load (kg)
213.12.016	B02.05.16	16	M16	20	28	5	58	24	320
213.12.020	B02.05.20	20	M20	22	34	6	68	30	500
213.12.024	B02.05.25	25	M24	25	38	8	78	36	1000
213.12.030	B02.05.32	32	M30	32	45	10	95	41	1500
213.12.036	B02.05.40	40	M36	40	56	12	118	50	2500

Lifting Method And Load Table

Support bolt specifications	213.12.016 B02.05.16	213.12.020 B02.05.20	213.12.024 B02.05.25	213.12.030 B02.05.32	213.12.036 B02.05.40	The lifting method is shown in the diagram (the load must be in the horizontal direction, and the lifting angle cannot exceed 60 °)
Working ultimate load of paired support bolts (WLL) t	0.64	1.0	2.0	3.0	5.0	

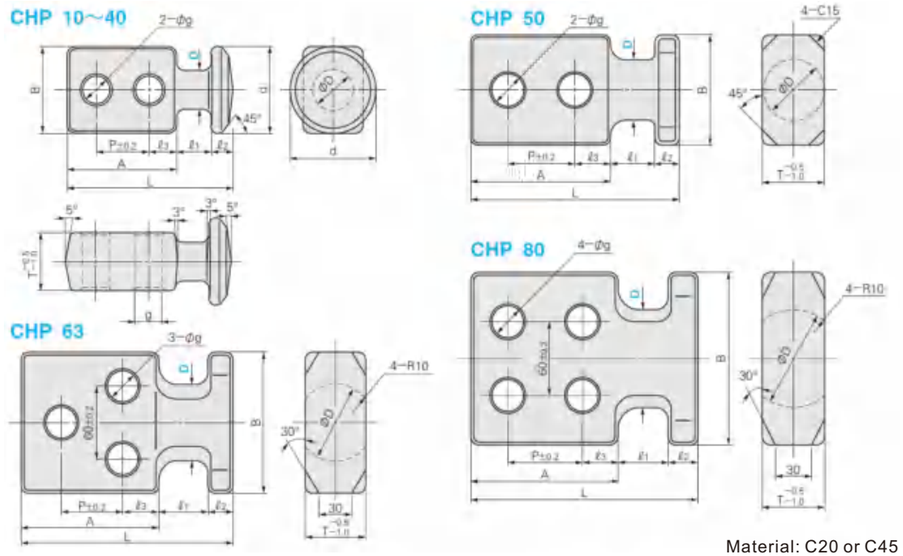
Lifting tools: When using support bolts to lift workpieces, only soft connection lifting tools such as standard lifting straps and standard chains wrapped with fabric are allowed for lifting. The lifting tools should be in full contact as much as possible to prevent relative displacement.
It is not allowed to use hooks and other hard connected lifting tools for lifting.

CHP Lifting Hooks-Plate Type

Manufacture and test criteria：
EN ISO 12100:2010 Meets Misumi standards
Patent No.:ZL 2021 3 0357115.7
ZL 2021 2 1293530.1

Manufacturing process: C20 (C45) forging forming - normalizing - CNC precision machining

Drawing / Product specification



Material: C20 or C45

Specifications table

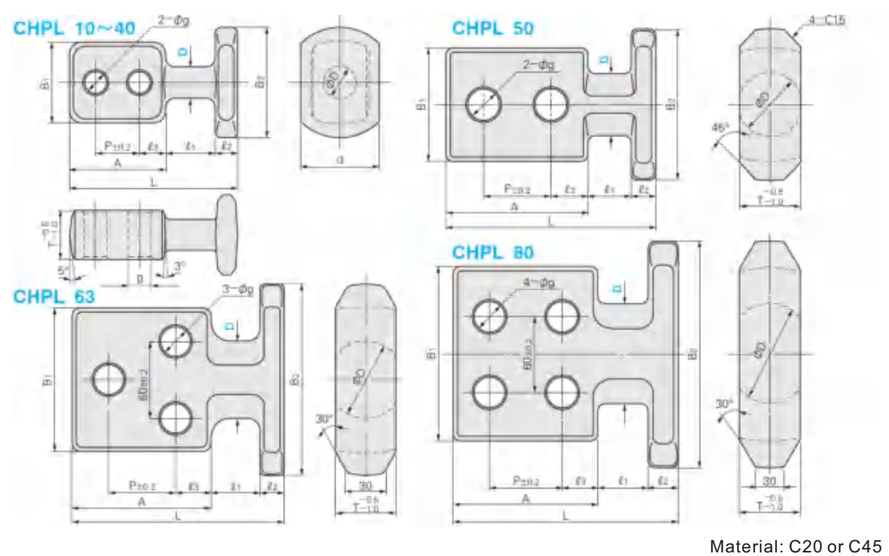
Model	D	d	B	T	L	A	ℓ_1	ℓ_2	ℓ_3	p	g	Single maximum load (kg)	Weight (kg)
CHP-10	10	28	28	18	50	32	10	8	8	16	7	160	0.13
CHP-12	12	32	32	20	56	38	10	8	10	18	9	360	0.19
CHP-16	16	36	36	24	67	46	13	8	12	22	11	460	0.32
CHP-20	20	40	40	26	88	60	18	10	15	30	14	560	0.5
CHP-25	25	48	48	35	92	60	20	12	15	30	14	670	0.87
CHP-32	32	55	55	40	118	80	25	13	20	40	18	1240	1.44
CHP-40	40	70	70	50	138	93	30	15	24	45	22	1950	2.7
CHP-50	50	-	90	50	170	115	35	20	30	55	26	2800	4.4
CHP-63	63	-	115	50	175	115	40	20	30	55	26	4000	5.8
CHP-80	80	-	140	50	185	120	40	25	30	60	26	5200	7.4

CHPL Lifting Hooks-Large Head Plate Type

Manufacture and test criteria：
EN ISO 12100:2010 Meets Misumi standards
Patent No.:ZL 2021 3 0357115.7
ZL 2021 2 1293530.1

Manufacturing process: C20 (C45) forging forming - normalizing - CNC precision machining

Drawing / Product specification



Material: C20 or C45

Specifications table

Model	D	d	B_1	B_2	T	L	A	ℓ_1	ℓ_2	ℓ_3	p	g	Single maximum load (kg)	Weight (kg)
CHPL-10	10	28	28	38	18	61	32	20	9	8	16	7	160	0.17
CHPL-12	12	32	32	44	20	67	38	20	9	10	18	9	360	0.24
CHPL-16	16	36	36	50	24	78	46	20	12	12	22	11	460	0.41
CHPL-20	20	40	40	56	26	97	60	25	12	15	30	14	560	0.61
CHPL-25	25	48	48	68	35	98	60	25	13	15	30	14	670	0.96
CHPL-32	32	55	55	77	40	125	80	30	15	20	40	18	1240	1.73
CHPL-40	40	70	70	100	50	143	93	35	15	24	45	22	1950	3.05
CHPL-50	50	-	90	120	50	170	115	35	20	30	55	26	2800	4.69
CHPL-63	63	-	115	155	50	175	115	40	20	30	55	26	4000	6.1
CHPL-80	80	-	140	180	50	185	120	40	25	30	60	26	5200	7.12

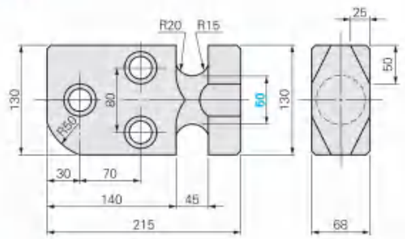
CHU Lifting Hooks-Insert Type

Manufacture and test criteria：
EN ISO 12100:2010 Meets Misumi standards

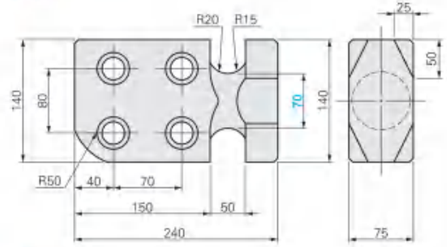
Manufacturing process: C20 (C45) forging forming – normalizing – CNC precision machining

Drawing / Product specification

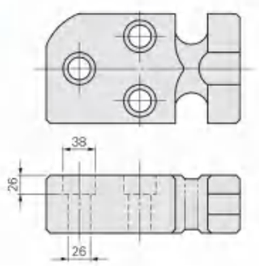
CHU60R



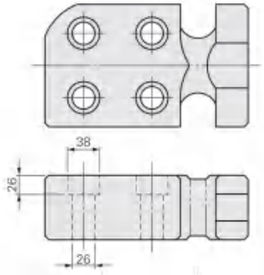
CHU70R



CHU60L



CHU70L

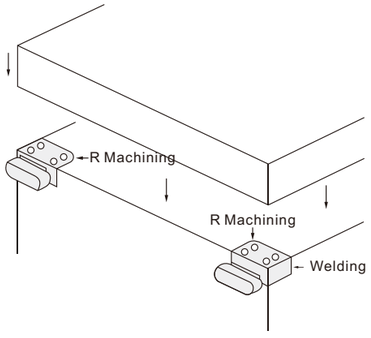


N{kgf}/1个 (safety factor of copper bushing: 10)	Catalog No.	
42170{4300}	CHU	60R
		60L
47070{4800}		70R
		70L

Load (kgf)= load N × 0.101972

CHU Installation using bolts (Strength classification: 10.9)

Length of thread	Catalog No.
	Type M-L
Full thread	CB 24 — 80
60	90 100 120



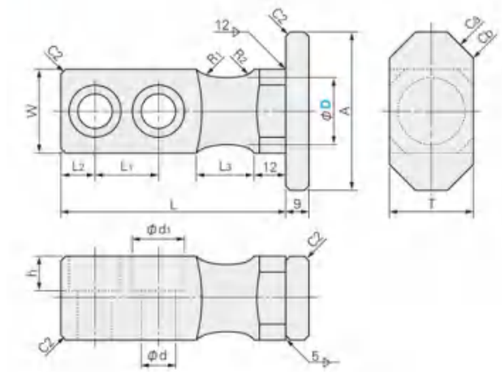
CHPH Lifting Hooks

Manufacture and test criteria：
EN ISO 12100:2010 Meets Misumi standards

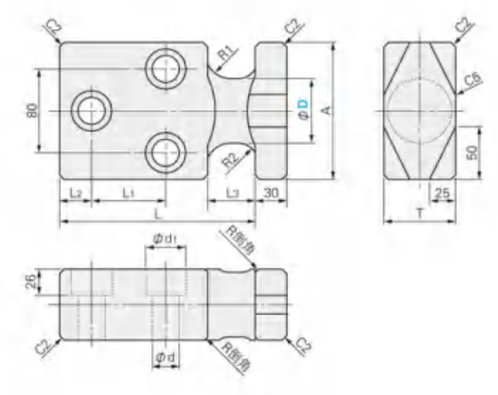
Manufacturing process: C20 (C45) forging forming – normalizing – CNC precision machining

Drawing / Product specification

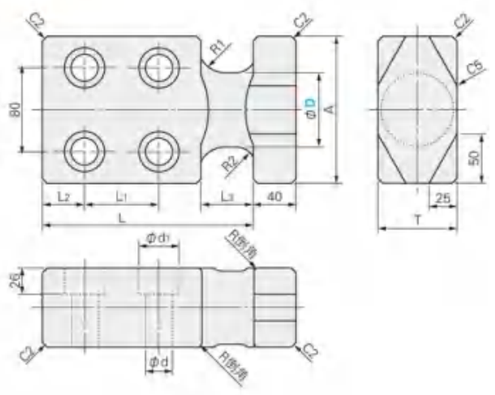
CHPH25~50



CHPH60



CHPH70



Specifications table

A	L	L_1	L_2	L_3	W	R_1	R_2	d	d_1	T	Ca	Cb	Allowable load(kgf/1P)	Catalog No.	D
60	85	24	13	22	32	15	10	13	20	32	10	2	800	CHPH	25
80	120	44	16	32	40	15	10	18	26	40	10	2	1500		32
90	140	52	18	40	50	20	12	22	32	50	10	2	2400		40
120	160	59	22	45	60	20	12	26	38	60	20	5	3500		50
130	185	70	30	45	-	20	15	26	38	68	-	-	6000		60
140	200	70	40	50	-	20	15	26	38	75	-	-	8000		70

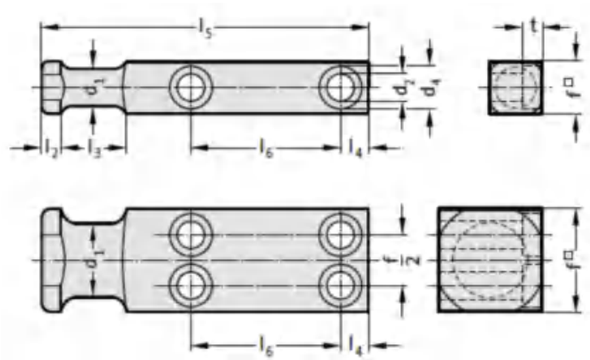
WARNING
Do not exceed the maximum safe lifting load

2130.11 Lifting Hooks(Lifting Studs)

Manufacture and test criteria：
EN ISO 12100:2010 Compliant with FIBRO standards VDI 3366

Manufacturing process: C20 (C45) forging forming - normalizing - CNC precision machining

Drawing / Product specification

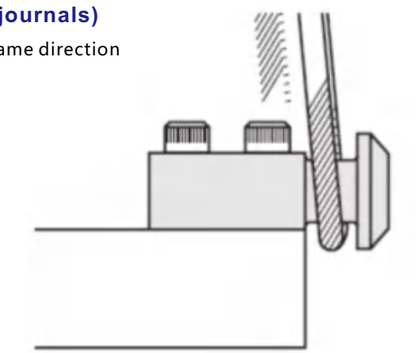


Specifications table

Model	d_1	d_2	d_4	f	l_2	l_3	l_4	l_5	l_6	t	Quantity of bolts	Single maximum load (kg)	Weight (kg)
2130.11.020	16	9	15	20	6	20	10	80	34	9	2	320	0.19
2130.11.025	20	11	18	25	8	25	10	90	37	11	2	630	0.32
2130.11.035	25	13.5	20	35	8	30	12	100	38	13	2	1250	0.67
2130.11.040	32	17.5	26	40	10	32	16	120	46	17.5	2	2000	1.01
2130.11.050	40	22	33	50	10	40	18	140	54	21.5	2	3200	1.8
2130.11.060	50	26	40	60	12	45	22	160	59	25.5	2	5000	3.11
2130.11.080	63	22	33	80	12	50	20	200	78	21.5	4	8000	7.1
2130.11.100	80	26	40	100	15	65	25	250	100	25.5	4	12500	14.7
2130.11.120	100	33	48	120	15	80	30	300	125	30	4	20000	25.4

Installation instructions for plate type hooks (supporting journals)

- When installing and using, confirm that the lifting direction is in the same direction as the installation bolt axis.
- Installation requires the use of grade 12.9 or 10.9 bolts.

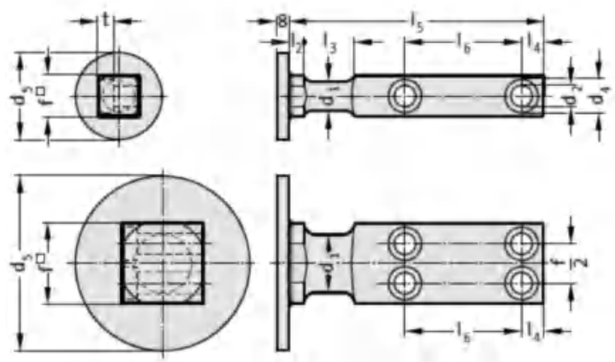


2130.12 Lifting Hooks(Lifting Studs)

Manufacture and test criteria：
EN ISO 12100:2010 Compliant with FIBRO standards VDI 3366

Manufacturing process: C20 (C45) forging forming - normalizing - CNC precision machining

Drawing / Product specification



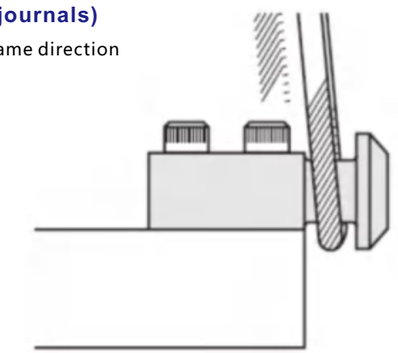
Note: 2130.12 Plate type hook with rope lock protection (supporting shaft neck), with welded disc (steel wire rope anti detachment disc welded to the hook)

Specifications table

Model	d_1	d_2	d_4	d_5*	f	l_2	l_3	l_4	l_5	l_6	t	Quantity of bolts	Single maximum load (kg)	Weight (kg)
2130.12.020	16	9	15	60	20	6	20	10	80	34	9	2	320	0.35
2130.12.025	20	11	18	70	25	8	25	10	90	37	11	2	630	0.55
2130.12.035	25	13.5	20	70	35	8	30	12	100	38	13	2	1250	0.9
2130.12.040	32	17.5	26	110	40	10	32	16	120	46	17.5	2	2000	1.65
2130.12.050	40	22	33	110	50	10	40	18	140	54	21.5	2	3200	2.45
2130.12.060	50	26	40	150	60	12	45	22	160	59	25.5	2	5000	4.2
2130.12.080	63	22	33	150	80	12	50	20	200	78	21.5	4	8000	8.2
2130.12.100	80	26	40	150	100	15	65	25	250	100	25.5	4	12500	15.8
2130.12.120	100	33	48	150	120	15	80	30	300	125	30	4	20000	26.5

Installation instructions for plate type hooks (supporting journals)

- When installing and using, confirm that the lifting direction is in the same direction as the installation bolt axis.
- Installation requires the use of grade 12.9 or 10.9 bolts.

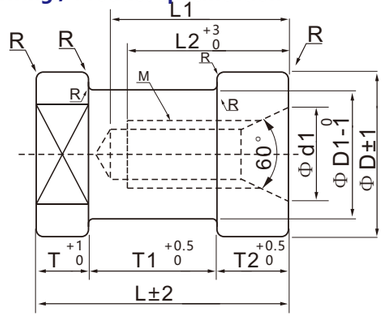


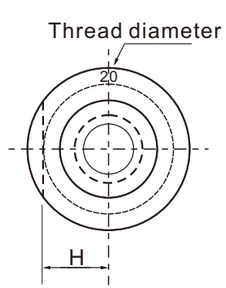
CSN Cast-in Lifting Bolts

Manufacture and test criteria：EN ISO 12100:2010 Meets Misumi standards

Manufacturing process: 42CrMoA alloy steel – annealing treatment – rough machining – quenching and tempering treatment – precision machining

Drawing / Product specification





Specifications table

M×P	D	D1	d1	L2	L1	L	T	T1	T2	H	R	Bearing capacity of lifting bolt (kg)	Bearing capacity of eyebolt (1 pcs vertically) (kg)	Bearing capacity of eyebolt (45°2 pcs) (kg)
12×1.75	38	28	18	30	40	55	10	30	15	14	2	380	220	220
16×2.0	46	36	22	35	45	55	10	30	15	18	2	675	450	450
20×2.5	48	38	28	45	55	70	15	35	20	19	2	900	600	600
24×3.0	55	45	36	55	65	85	20	45	20	22.5	2	1360	1000	1000
30×3.5	65	52	42	65	75	95	25	50	20	26	3	2020	1700	1700
36×4.0	85	70	48	75	90	110	30	55	25	35	3	5960	2300	2300

T-Shaped Bolts

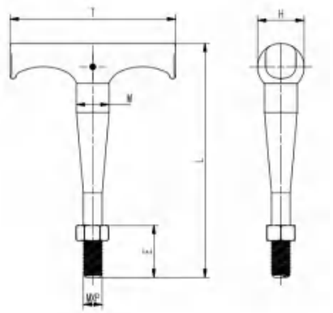
Manufacture and test criteria：EN ISO 12100:2010 Meets Misumi standards

Patent No.:ZL 2022 2 3392646.8　ZL 2022 3 0837815.0

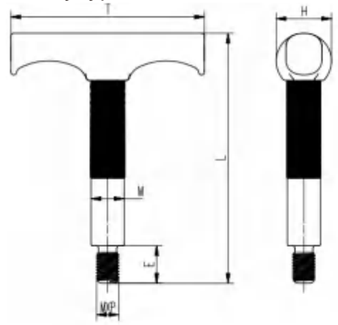
Manufacturing process: high-strength alloy steel - forging forming - annealing treatment - rough machining - quenching and tempering treatment - precision machining

Drawing / Product specification

Fixed type：TG



Rotary type：TX



Specifications table

Model	T	H	L	MXP	Fixed E	Fixed M	Rotary E	Rotary M	Weight(kg)	Lifting method		
										Number of lifting points	1	2
T-M8×1.25	110	27	135	M8×1.25	22	18	13	16	0.4		600	200
T-M10×1.5	110	27	140	M10×1.5	28	18	17	18	0.4		900	300
T-M12×1.75	110	27	150	M12×1.75	34	18	20.5	20	0.45	Working tension(kg)	1100	400
T-M16×2.0	140	40	180	M16×2.0	45	28	27	24	1.12		2000	600
T-M20×2.5	140	40	200	M20×2.5	50	28	30	28	1.26		3000	800
T-M24×3.0	140	40	250	M24×3.0	65	28	36	28	1.58		4000	1500

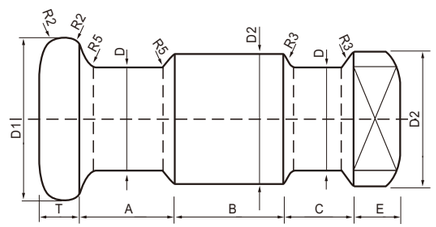
CHF/CHFL Cast-in Lifting Hooks

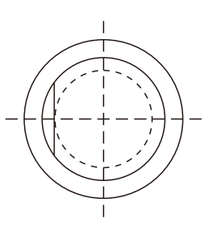
Implementation criteria：

EN ISO 12100:2010 Meets Misumi standards

Manufacturing process: C20 (C45) forging forming - normalizing - precision machining

Drawing / Product specification





Specifications table

Model	D	CHF(D1)	CHFL(D1)	D2	T	A	B	C	E	Single maximum load (kg)
CHF/CHFL-25	25	46	60	36	12.6	25	30	15	16.6	810
CHF/CHFL-32	32	55	70	42	13.1	30	40	20	16.8	1340
CHF/CHFL-36	36	60	80	46	18.5	35	45	25	17	1690
CHF/CHFL-40	40	70	90	55	18.9	35	60	30	17.4	2090
CHF/CHFL-50	50	90	120	70	25.2	35	70	40	18.1	3270
CHF/CHFL-70	70	120	140	100	31.1	40	80	40	19.4	6410

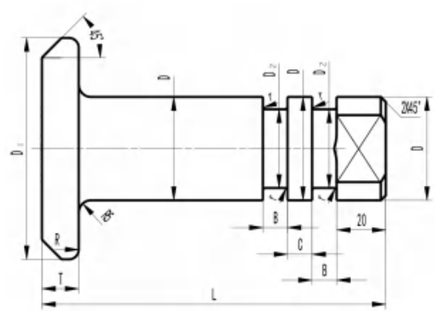
PCHT Cast-in Lifting Hooks

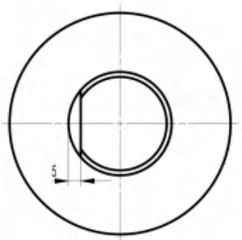
Implementation criteria:

EN ISO 12100:2010 Meets Misumi standards

Manufacturing process: C20 (C45) forging forming – normalizing – precision machining

Drawing / Product specification





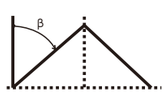
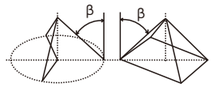
Specifications table

Model	D	D_1	D_2	L	T	B	C	R	r	Single maximum load (kg)
PCHT-42	42	90	32	140	15	10	10	4	1	2090
PCHT-50	50	120	40	175	20	15	15	5	2	3270
PCHT-60	60	120	50	205	20	15	25	5	2	5380
PCHT-70	70	130	60	230	25	20	25	5	2	6410

PL G80 Chain Slings

Manufacture and test criteria：
EN ISO 12100:2010,EN 818–4:1996+A1:2008

Drawing / Product specification

Model	Chain diameter	Single leg chain hoist	Double leg chain hoist		3-4 leg chain hoist		Circular chain hoist
Hoisting diagram							
	φ		0 °< β ≤ 45 °	45°< β≤60 °	0 °< β ≤ 45 °	45°< β≤60 °	
	mm	WLL/t	WLL/t	WLL/t	WLL/t	WLL/t	WLL/t
PL-06	6	1.12	1.6	1.12	2.36	1.7	1.8
PL-08	8	2	2.8	2	4.25	3	3.15
PL-10	10	3.15	4.25	3.15	6.7	4.75	5
PL-13	13	5.3	7.5	5.3	11.2	8	8.5
PL-16	16	8	11.2	8	17	11.8	12.5
PL-18	18	10	14	10	21.2	15	16
PL-20	20	12.5	17	12.5	26.5	19	20
PL-22	22	15	21.2	15	31.5	22.4	23.6
PL-26	26	21.2	30	21.2	45	31.5	33.5
PL-32	32	31.5	45	31.5	67	47.5	50

Warning: When lifting, attention should be paid to the working tension of the supporting lifting force ring or mother ring to determine its lifting tension (because some supporting lifting force rings or mother ring have lower tension). When lifting asymmetrically, the WLL should be halved

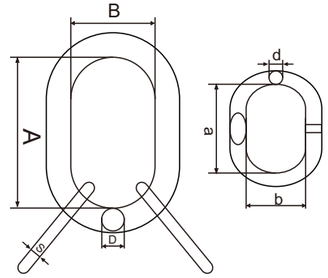
WLL REDUCTION

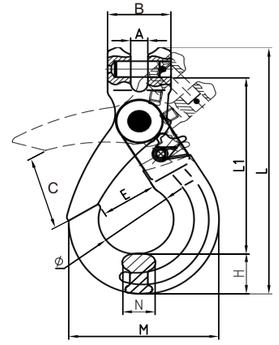
CHAIN SLING TEMPERATURE	REDUCTION IN WORKING LOAD LIMIT
– 40℃– 200℃	Not reduced
200℃– 300℃	Reduced by 10%
300℃– 400℃	Reduced by 25%
above 400℃	Do not use !!

Pingli G80 Lifting Instruction Suspension Plate

G80 Master Link Assembly/Self Locking Hooks

Drawing / Product specification





PL01-G80 EUROPEAN TYPE G80 MASTER LINK ASSEMBLY

Specifications table

Article No.	Fit with G80 chain Diameter MM 3-leg or 4-leg chain	Unit weight (KG)	WLL/t	Size					
				A	B	D	a	b	d
PL01-6	6	1.18	2.36	135	75	18	54	25	13
PL01-8	8	2.2	4.25	160	90	22	70	38	16
PL01-10	10	3.4	6.7	180	100	26	85	40	18
PL01-13	13	6.1	11.2	200	110	32	115	50	22
PL01-16	16	9.98	17	260	140	36	140	65	26
PL01-18	18	18.9	21.2	340	180	45	180	100	32
PL01-20	20	22.6	26.5	350	190	50	180	100	32
PL01-22	22	25.2	31.5	350	190	50	180	100	36
PL01-26	26	35.2	45	400	200	56	180	100	40
PL01-28	28	47	50	430	220	63	180	100	45
PL01-32	32	66.46	67	460	250	72	200	110	50

- The breaking tension is 4 times the working tension.
- The working tension is based on the lifting angle of 0° to 45° when 3-leg or 4-leg chain is used for lifting.
- Warning: Never exceed the working tension.

PL05-G80 Improved Self Locking Hooks

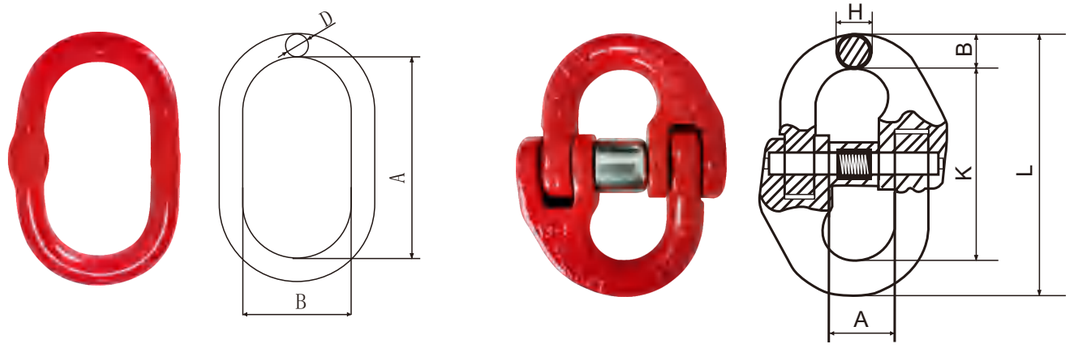
Specifications table

Article No.	Fit with G80 chain size	Unit weight (KG)	WLL/t	Size									
				A	B	C	E	L1	L	H	φ	N	M
6-8	6	0.44	1.12	8±0.5	32±1	32±2	28±1	99±3	134±3	20±1	34±1	15±0.5	73±2
7/8-8	8	0.8	2	9.5±0.5	38.5±1	40±3	35±1	119±3	162±3	26±1	44±1	20±0.5	91±2
10-8	10	1.38	3.15	12.5±0.5	46±1	48±3	45±2	142±3	195±3	30±1.5	58±2	26±1	108±2
13-8	13	2.81	5.3	15±0.5	59±1	57±3	52.5±2	179±4	248±4	40±1.5	70±2	33±1	142±3
16-8	16	6	8	18.5±0.5	77±1.5	65±4	63±2	225±4	310±4	50.5±2	86±2	38±2	168.6±3
18-8	18	7.25	12.5	24±1	81±1.5	82±4	82±2	238±5	335±5	55±2	97±2	50±2	185±4
20-8	20	7.25	12.5	24±1	81±1.5	82±4	82±2	238±5	335±5	55±2	97±2	50±2	185±4
22-8	22	12.8	15	25±1	97.5±2	80±5	76±3	277±5	392±5	67±2	98±3	52±2	202±4
26-8	26	21.8	21.2	30±1.5	118±2	109±5	96±4	312±6	449±6	75±3	110±4	60±3	239±5
32-8	32	49.6	31.5	35±1.5	150±2	131±6	131±4	416±6	590±6	97±3	164±4	79.5±3	329±5

- The breaking tension is 4 times the working tension.
- Warning: Never exceed the working tension.

G80 Master Link/Connecting Link

Drawing / Product specification



PL02-G80 European Standard Master Link

Specifications table

Article No.	Fit with G80 chain size				Size		
	Single-leg sling mm	Dual-leg sling mm	Unit weight (KG)	WLL/t	A	B	D
PL02-76	7	6	0.34	1.6	110	60	13
PL02-87	8	7	0.54	2.12	110	60	16
PL02-108	10	8	0.82	3.15	135	75	18
PL02-1310	13	10	1.5	5.3	160	90	22
PL02-1613	16	13	2.3	8	180	100	26
PL02-1816	18	16	3.95	11.2	200	110	32
PL02-2018	20	18	6.34	14	260	140	36
PL02-2220	22	20	8.96	17	300	160	40
PL02-2622	26	22	12.8	21.2	340	180	45
PL02-3226	32	26	16.55	31.5	350	190	50
PL02-3632	36	32	23.28	45	400	200	56
PL02-4036	40	36	32	56	430	220	63
PL02-72MM	45	40	45.76	63	460	250	72
PL02-80MM	45	45	62	85.46	500	270	80

- The breaking tension is 4 times the working tension.
- The working tension is based on the lifting angle of 0 to 45 degrees when lifting with both legs.
- Warning: Never exceed the working tension.

PL03-G80 CONNECTING LINK

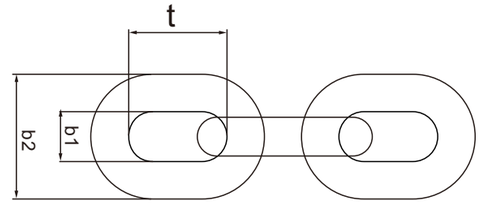
Specifications table

Article No.	Fit with G80 chain size	Unit weight (KG)	WLL/t	Size				
				A±1.5	B±1	L±2.5	K±2	H±1
PL03-6	6	0.08	1.12	15	7.5	58	42	7
PL03-7/8	7/8	0.146	2	20.5	9.5	79.5	60.5	8.5
PL03-8	8	0.16	2	20.5	9.5	79.5	60.5	8.5
PL03-10	10	0.3	3.15	26	12	90.5	68	11.5
PL03-13	13	0.65	5.3	30	15	117	87	15
PL03-16	16	1.15	8	35	19.8	148	108.4	19.8
PL03-18	18	1.84	10	38	21	154	112	21
PL03-20	20	2.1	12.5	41	24	169.5	121.5	24
PL03-22	22	2.87	15	49.5	26	193.5	141.5	26
PL03-26	26	4.5	21.2	57.5	31	220	158	30
PL03-32	32	8.21	31.5	67.5	38	281	205	37

- The breaking tension is 4 times the working tension.
- Warning: Never exceed the working tension.

G80 Lifting Chain

Drawing / Product specification



PL04-G80 EN818-2 standard lifting chain G80 Lifting Chain

Specifications table

ITEM NO	WLL/t	D(mm)	t(mm)	b1(mm)min	b2(mm)max
6mm	1.12	6	18	7.8	22.2
8mm	2	8	24	10.4	29.6
10mm	3.15	10	30	13	37
13mm	5.3	13	39	18.9	48.1
16mm	8	16	48	20.8	59.2
18mm	10	18	54	23.4	66.6
20mm	12.5	20	60	26	74
22mm	15	22	66	28.6	81.4
26mm	21.2	26	78	33.8	96.2
32mm	31.5	32	96	41.6	118

- The verification test is conducted under 2.5 times of the working tension, and the breaking force is 4 times the working tension.
- Warning: Never exceed the working tension.

Storage Rack-Lifting Eyebolt

Patent No.:ZL 2019 2 0456983.8 ZL 2019 3 0148526.8

Drawing / Product specification

- Customized as required by custome
- The special storage rack for eyebolts is designed to facilitate the safe and standardized management of the eyebolts in enterprise and factory. In addition, the standard for the safe operation of lifting eyebolts is provided for employees to learn and refer to, which can effectively improve the safety awareness of employees to avoid illegal operations, reduce potential safety hazards and prevent against safety incidents.