

GUANGDONG JINKAITE POWER FITTINGS CO., LTD.

OPTICAL CABLE FITTINGS

PRODUCT CATALOG

ADSS & OPGW assemblies
Fasteners and connecting hardware



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PRODUCT NAVIGATION

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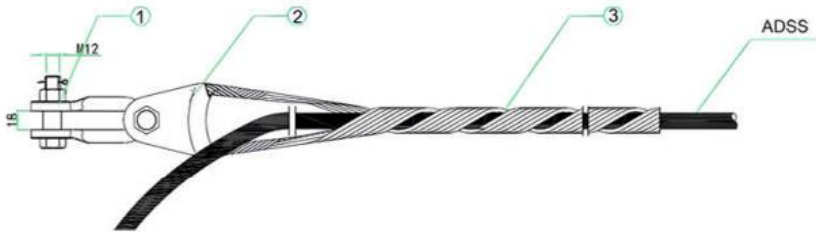
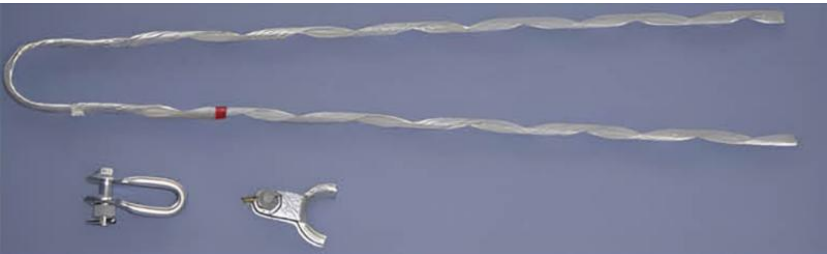
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ADSS CABLE FITTINGS

Short-span Dead-end Clamp for ADSS

Aluminum-clad steel or galvanized steel helical rods for strain, corner, intermediate connection and terminal towers with spans of up to 100 m.



1 U-clevis 2 Thimble 3 Helical dead-end

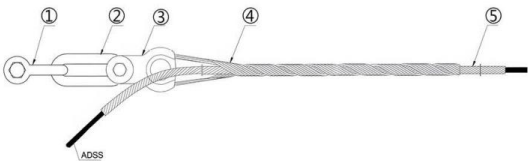
TECHNICAL SPECIFICATIONS

Model	Cable diameter (mm)	Dead-end length (mm)	Ref. weight (kg)	U-clevis	Thimble
ANJ 0950	9.0-9.5	700	0.4	U-4	TC-2
ANJ 1050	9.6-10.5	850	0.5	U-4	TC-2
ANJ 1160	10.6-11.6	1000	0.5	U-4	TC-2
ANJ 1280	11.7-12.8	960	0.7	U-4	TC-2
ANJ 1410	12.9-14.1	1080	0.8	U-4	TC-2
ANJ 1560	14.2-15.6	1160	1.2	U-4	TC-2
ANJ 1700	15.7-17.0	1160	1.2	U-4	TC-2

ADSS CABLE FITTINGS

Medium / Long-span Dead-end Clamp for ADSS

Aluminum-clad steel or galvanized steel rods for strain, corner and terminal towers. Medium-span assemblies cover 200-400 m; long-span assemblies are used above 400 m.



1 U-clevis 2 PH-link 3 Thimble 4 Dead-end rods 5 Reinforcing rods

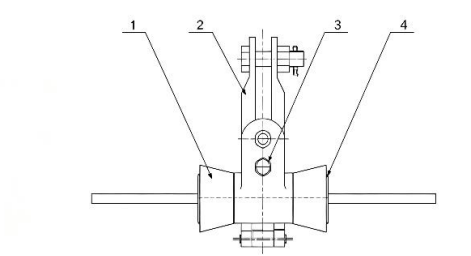
TECHNICAL SPECIFICATIONS

Cable dia. (mm)	Grip (kN)	Dead-end (mm)	Inner rods (mm)	Ref. wt. (kg)	Link	Thimble	Clevis	Span (m)
8.6-9.4	20	800	1100	0.9	PH-4	TC-2	U-4	200-300
9.5-10.1	20	800	1100	0.9	PH-4	TC-2	U-4	200-300
8.6-9.4	30	1100	1400	1.2	ZH-4	TC-2	U-4	300-400
9.5-10.1	30	1100	1400	1.2	ZH-4	TC-2	U-4	300-400
11.5-12.2	40	1260	1800	2	PH-7	TC-7	U-7	400-500
12.3-12.9	40	1260	1800	2	PH-7	TC-7	TC-7	400-500
13.0-13.7	50	1400	2000	2.9	PH-7	TC-7	U-7	500-700
13.8-14.6	50	1400	2000	3	PH-7	TC-7	U-7	500-700
13.8-14.6	60	1560	2200	3.3	PH-7	PH-7	PH-7	600-800
14.7-15.5	60	1560	2200	3.7	PH-10	TC-10	U-10	600-800
14.7-15.5	80	2000	3000	5.5	PH-10	PH-10	PH-10	800-1000
15.6-16.5	80	2000	3000	5.6	PH-10	PH-10	PH-10	800-1000

ADSS CABLE FITTINGS

Tangent Suspension Clamp for ADSS

Suspension clamps for ADSS cable connections on short spans of up to 100 m.



1 AGS clamp 2 U-clevis 3 Bolt 4 Inner rubber

TECHNICAL SPECIFICATIONS

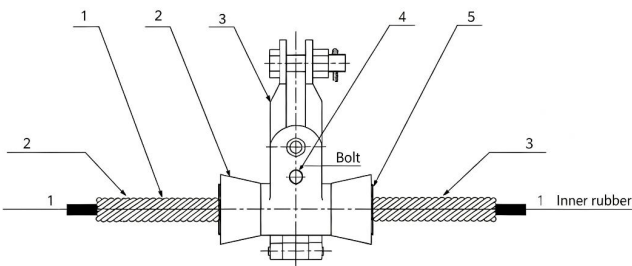
Model	Cable diameter (mm)	Clamp	Weight (kg)	U-clevis	Span (m)
AXQ 1110	9.0-11.1	XGT-25	1	U-4	100
AXQ 1330	11.2-13.3	XGT-25	1	U-4	100
AXQ 1550	13.4-15.5	XGT-25	1	U-4	100
AXQ 1770	15.6-17.7	XGT-25	1	U-4	100
AXQ 1900	17.8-19.0	XGT-25	1	U-4	100

The source table lists 100 m; its original section heading states span < 100 m. Confirm the applicable limit when selecting the assembly.

ADSS CABLE FITTINGS

Single-rod Suspension Clamp for ADSS

For ADSS suspension applications approaching 200 m, the assembly uses a single layer of armor rods.



1 Preformed rods 2 AGS clamp 3 U-clevis 4 Bolt 5 Inner rubber

TECHNICAL SPECIFICATIONS

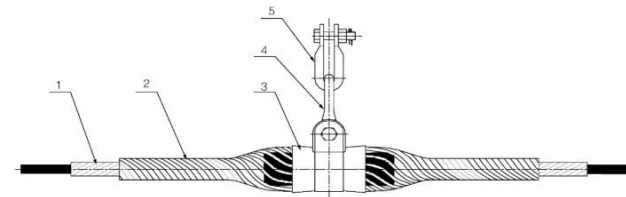
Model	Cable diameter (mm)	Rod value*	Clamp / weight (kg)	U-clevis	Span (m)
AXD 0950	9.0-9.5	800	XGT-25 / 1.00	U-4	< 200
AXD 1050	9.6-10.5	800	XGT-25 / 1.00	U-4	< 200
AXD 1160	10.6-11.6	800	XGT-25 / 1.00	U-4	< 200
AXD 1280	11.7-12.8	860	XGT-25 / 1.00	U-4	< 200
AXD 1410	12.9-14.1	900	XGT-25 / 1.00	U-4	< 200
AXD 1560	14.2-15.6	1000	XGT-25 / 1.00	U-4	< 200
AXD 1700	15.7-17.0	1000	XGT-25 / 1.00	U-4	< 200

*The source lists 800-1000 in this column without an unambiguous heading or unit; values are retained for confirmation. Preformed rods: aluminum alloy wire.

ADSS CABLE FITTINGS

Medium / Long-span Suspension Clamp for ADSS

Double-layer preformed rod design. Clamp breaking strength is at least 70 kN, with grip strength of at least 15% of the cable rated tensile strength (RTS).



1 Reinforcing rods 2 Outer rods 3 AGS clamp 4 ZH link 5 U-clevis

TECHNICAL SPECIFICATIONS

Model	Cable dia. (mm)	Inner rods (mm)	Outer rods (mm)	Ref. wt. (kg)	Clamp	Link	Clevis	Span (m)
AXY 0940 300	8.6-9.4	1500	1060	1.2	TK-3		U-4	200-300
AXY 1010 300	9.5-10.1	1500	1060	1.2	TK-3		U-4	200-300
AXY 1070 300	10.2-10.7	1540	1080	1.3	TK-3		U-4	200-300
AXY 0940 400	8.6-9.4	1600	1100	1.2	TK-3	/	U-4	300-400
AXY 1220 400	11.5-12.2	1720	1200	1.5	TK-3	/	U-4	300-400
AXY 1220 500	11.5-12.2	1760	1260	1.8	AGS-4	/	U-7	400-500
AXY 1290 500	12.3-12.9	1760	1260	1.6	AGS-4	/	U-7	400-500
AXY 1370 500	13-13.7	1860	1300	1.8	AGS-4	/	U-7	400-500
AXY 1370 700	13-13.7	1920	1360	2.5	AGS-5	ZH-7	U-7	500-700
AXY 1460 700	13.8-14.6	1680	1300	2.2	AGS-5	ZH-7	U-7	500-700
AXY 1370 800	13-13.7	2060	1460	2.7	AGS-5	ZH-7	U-7	600-800
AXY 1550 1000	14.7-15.5	2340	1560	3.3	AGS-6	ZH-7	U-7	800-1000

ADSS CABLE FITTINGS

Double Suspension Set for ADSS

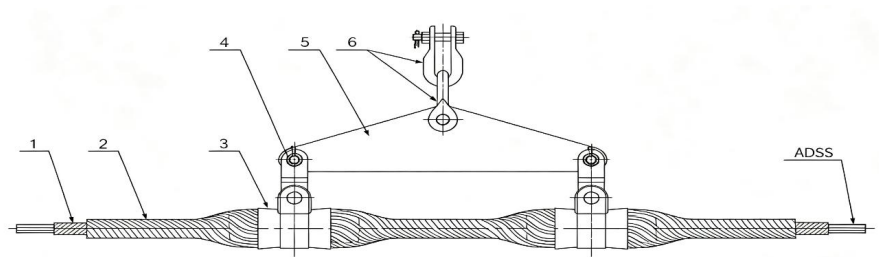
For tangent towers with significant elevation differences, spans over 800 m or single-side suspension angles of 30-36 degrees. Grip strength: at least 15% of cable RTS.



TECHNICAL SPECIFICATIONS

Model	Cable dia. (mm)	Outer rods (mm)	Inner rods (mm)	Ref. wt. (kg)	Yoke plate	Clamp	Clevis
AXS 0940	8.6-9.4	1900	1600	1.7	L-1040	AGS-4	U-10
AXS 1010	9.5-10.1	1900	1600	1.8	L-1040	AGS-4	U-10
AXS 1070	10.2-10.7	1900	1600	1.9	L-1040	AGS-4	U-10
AXS 1220	11.5-12.2	2000	1700	2.2	L-1040	AGS-4	U-10
AXS 1290	12.3-12.9	2000	1800	2.3	L-1040	AGS-5	U-10
AXS 1550	14.7-15.5	2200	1900	4.0	L-1040	AGS-5	U-10
AXS 1870	17.6-18.7	2400	2000	4.7	L-1040	AGS-6	U-10

Preformed wire materials: outer layer, aluminum alloy; inner layer, aluminum-clad steel.

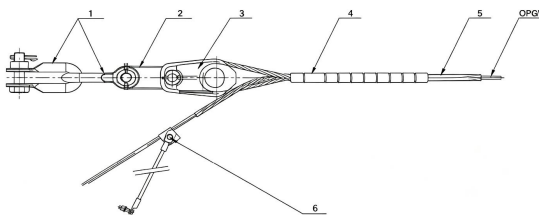


1 Reinforcing rods 2 Outer rods 3 AGS clamp
4 PS-link 5 Yoke plate 6 U-clevis

OPGW CABLE FITTINGS

Preformed Dead-end Clamp for OPGW

Aluminum-clad steel assemblies for corner, intermediate and terminal towers. Inner and outer rods protect and support the cable; grip strength is at least 95% of cable RTS.



1 U-clevis 2 PD-clevis 3 Thimble 4 Outer rods
5 Reinforcing rods 6 Grounding clamp

TECHNICAL SPECIFICATIONS

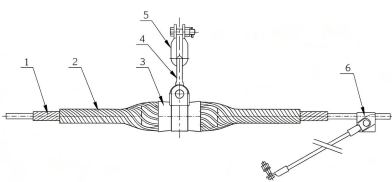
Model	Cable min. (mm)	Cable max. (mm)	Inner rods (mm)	Outer rods (mm)	Ref. wt. (kg)	Breaking (kN)	Clevis	Thimble	U-clevis
ONY0780	7.2	7.8	1400	1000	1.1	70	PD-7	TC-7	2*U-7
ONY0880	7.9	8.8	1400	1000	1.2	70	PD-7	TC-7	2*U-7
ONY1010	8.9	10.1	1500	1100	1.4	70	PD-7	TC-7	2*U-7
ONY1140	10.2	11.4	1540	1120	1.9	90	PD-7	TC-7	2*U-7
ONY1280	11.5	12.8	1720	1300	2.2	100	PD-10	TC-10	2*U-10
ONY1410	12.9	14.1	1660	1240	2.5	110	PD-10	TC-10	2*U-10
ONY1550	14.2	15.5	1840	1360	3.2	110	PD-12	TC-12	2*U-12
ONY1730	15.6	17.3	2000	1480	4.0	120	PD-12	TC-12	2*U-12
ONY1840	17.4	18.4	2000	1480	4.1	120	PD-12	TC-12	2*U-12

Simple installation without special equipment. Alternative connecting fittings may be specified on request.

OPGW CABLE FITTINGS

Single Suspension Set for OPGW

For tangent towers and line angles below 15 degrees. Inner and outer helical rods, a suspension housing and connecting fittings distribute stress, support the cable and dampen vibration.



1 Reinforcing rods 2 Outer rods 3 AGS clamp
4 ZH link 5 U-clevis 6 Grounding clamp

TECHNICAL SPECIFICATIONS

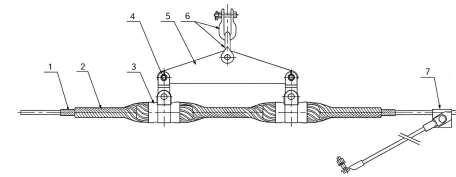
Model	Cable dia. (mm)	Outer rods (mm)	Inner rods (mm)	Ref. wt. (kg)	Clamp	Link	Clevis
OXY 0940	8.9-9.4	1400	1000	0.88	AGS-4	ZH-7	U-7
OXY 1010	9.5-10.1	1690	1140	1.38	AGS-4	ZH-7	U-7
OXY 1070	10.2-10.7	1690	1140	1.48	AGS-4	ZH-7	U-7
OXY1140	10.8-11.4	1760	1180	1.55	AGS-4	ZH-7	U-7
OXY 1220	11.5-12.2	1840	1240	1.73	AGS-5	ZH-7	U-7
OXY 1290	12.3-12.9	1960	1320	1.84	AGS-5	ZH-7	U-7
OXY1370	13.0-13.7	1960	1320	2.74	AGS-5	ZH-7	U-7
OXY1460	13.8-14.6	2000	1360	2.99	AGS-6	ZH-7	U-7
OXY 1550	14.7-15.5	2120	1440	3.38	AGS-6	ZH-7	U-7
OXY 1650	15.6-16.5	2120	1440	3.59	AGS-6	ZH-7	U-7
OXY1750	16.6-17.5	2400	1620	4.07	AGS-6	ZH-7	U-7
OXY 1870	17.6-18.7	2400	1620	4.31	AGS-6	ZH-7	U-7

Source grip-strength statements: description > 15% RTS; specification table >= 18% RTS. Confirm the required rating before ordering.

OPGW CABLE FITTINGS

Double Suspension Set for OPGW

Dual suspension heads, inner and outer preformed rods, a triangular yoke plate and connecting fittings. For significant elevation differences, spans over 800 m or line angles of 30-36 degrees.



1 Reinforcing rods 2 Outer rods 3 AGS clamp
4 PS-link 5 Yoke plate 6 U-clevis 7 Grounding clamp

TECHNICAL SPECIFICATIONS

Model	Cable dia. (mm)	Outer rods (mm)	Inner rods (mm)	Ref. wt. (kg)	Clamp	Link fittings
OXS 0940	8.6-9.4	2100	1600	1.71	2*AGS-4	2*U-10+L-1040+2*PS-7
OXS 1010	9.5-10.1	2200	1600	1.79	2*AGS-4	2*U-10+L-1040+2*PS-7
OXS 1070	10.2-10.7	2200	1600	1.93	2*AGS-4	2*U-10+L-1040+2*PS-7
OXS 1140	10.8-11.4	2200	1600	1.93	2*AGS-4	2*U-10+L-1040+2*PS-7
OXS 1220	11.5-12.2	2300	1700	2.16	2*AGS-5	2*U-10+L-1040+2*PS-7
OXS 1290	12.3-12.9	2400	1800	2.26	2*AGS-5	2*U-10+L-1040+2*PS-7
OXS 1370	13.0-13.7	2400	1800	3.35	2*AGS-5	2*U-10+L-1040+2*PS-7
OXS 1460	13.8-14.6	2400	1800	3.59	2*AGS-6	2*U-12+L-1240+2*PS-7
OXS 1550	14.7-15.5	2500	1900	3.99	2*AGS-6	2*U-12+L-1240+2*PS-7
OXS 1650	15.6-16.5	2500	1900	4.24	2*AGS-6	2*U-12+L-1240+2*PS-7
OXS 1750	16.6-17.5	2600	2000	4.41	2*AGS-6	2*U-12+L-1240+2*PS-7
OXS 1870	17.6-18.7	2600	2000	4.67	2*AGS-6	2*U-12+L-1240+2*PS-7

Source specification states grip strength $\geq 30\%$ RTS, but labels it as a single suspension clamp. Confirm applicability. Rods: aluminum-clad steel.

FASTENERS

Down-lead Clamps

For securing optical cables during down-lead and jumper connections. The source specifies one set every 1.5-2.0 m.



Rubber / pole



Metal / pole



Rubber / tower



Metal / tower

Type / mounting*	Model	Cable diameter (mm)	Weight (kg)	Cable system
Rubber / pole	TGY 1440-H	9.0-14.4	0.85	ADSS
Rubber / pole	TGY 1770-H	14.5-17.7	0.85	ADSS
Metal / pole	TGY240-H	8.5-24.0	0.85	OPGW
Rubber / tower	TGY 1440-T	9.0-14.4	0.95	ADSS
Rubber / tower	TGY 1770-T	14.5-17.7	0.95	ADSS
Metal / tower	TGY 240-T	8.5-24.0	0.95	OPGW

Materials: aging-resistant rubber or aluminum alloy clamp; stainless steel band; aluminum alloy support; galvanized steel U-section.

*Mounting names follow the original English labels and illustrations; the Chinese labels differ. Confirm mounting type before ordering.

FASTENERS

Pole Hoops

Hot-dip galvanized steel hoops for fixing tension and suspension clamps to poles.



Model	Pole diameter (mm)	Weight (kg)	Breaking load (kN)
HBG 070 125	101-125	2.3	70
HBG 070 150	126-150	2.5	70
HBG 070 175	151-175	2.7	70
HBG 070 200	176-200	2.9	70
HBG 070 225	201-225	3.2	70
HBG 070 250	226-250	3.4	70
HBG 070 275	251-275	4	70
HBG 070 300	276-300	4.2	70
HBG 070 325	301-325	4.4	70
HBG 070 350	326-350	4.6	70
HBG 070 375	351-375	4.9	70
HBG 070 400	376-400	5.1	70
HBG 070 425	401-425	5.3	70
HBG 070 450	426-450	5.5	70

CONNECTING HARDWARE

Connecting Fittings

Accessory components for optical cable fitting assemblies.



Z-shackle



Chain link



Twisted strap (GD type)



PS-shackle



DB adjusting plate



AGS clamp



Thimble



Eye chain link



Yoke plate



Shackle

CONNECTING HARDWARE

Connecting Fittings | Continued

Accessory components for optical cable fitting assemblies.



Ground wire clamp



Yoke plate



Ground wire clamp



PT adjusting plate



P-shackle



UB-shackle

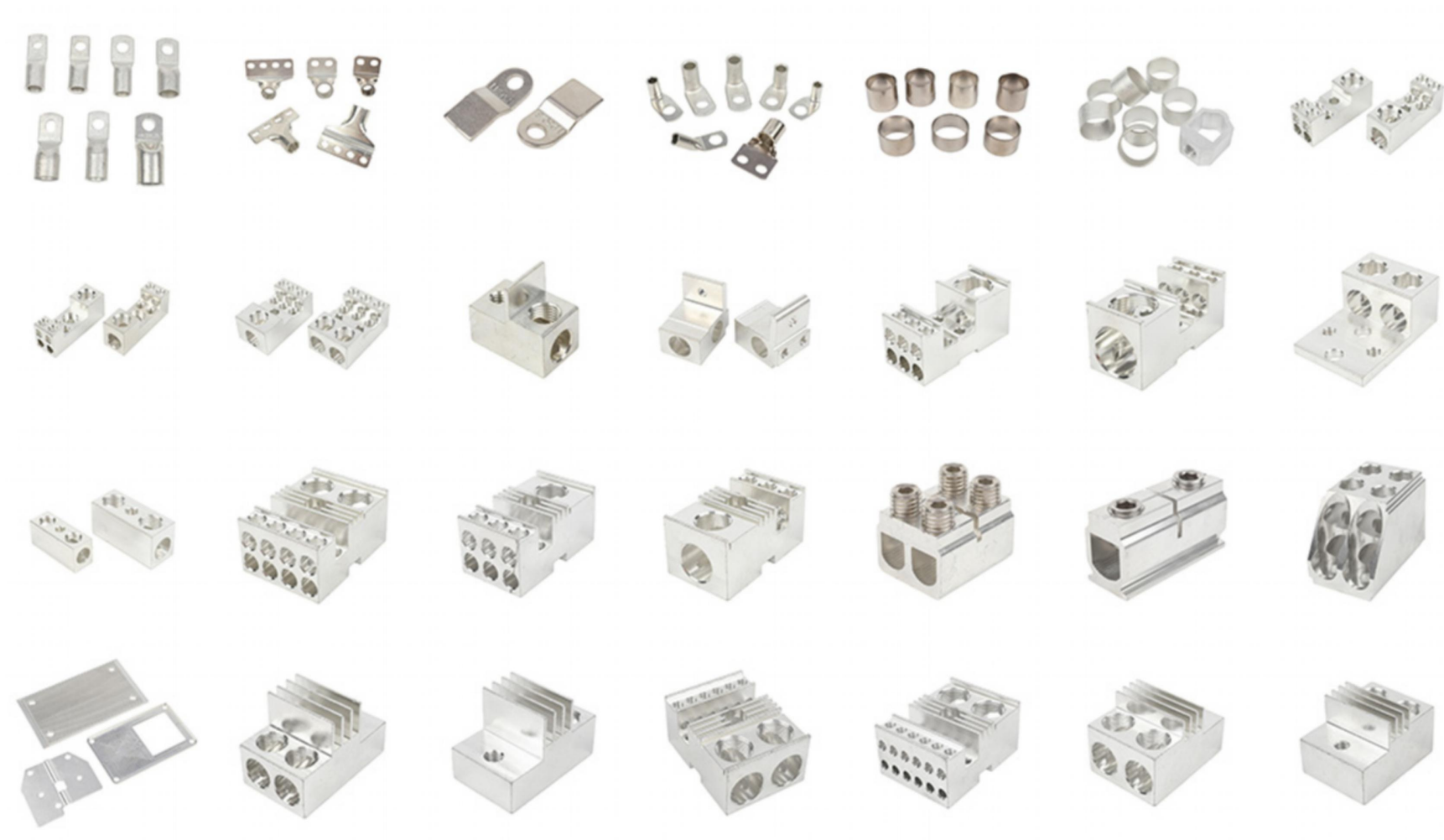


ZS-shackle

NON-STANDARD PRODUCTS

Non-standard Power Fittings

Product range overview



NON-STANDARD PRODUCTS

Non-standard Power Fittings | Continued

Product range overview



CONTACT

Discuss Your Cable Fitting Requirements

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FOR PRODUCT SELECTION

Please provide the cable type and diameter, span, required mechanical rating, quantity and mounting details.