



Power Industry Product



PT. PERSADA INDAH ELEKTRINDO

TRADING - SUPPLYING - CASTING

Hardware For Substation Equipment Power Line Accessories Product

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Email : Persadaindahelektrindo@yahoo.co.id

The companies



Perusahaan **PT. Persada Indah Elektrindo** membuat produk-produk lokal accessories transmission line 150 KV dan berkembang ke arah 500 KV.

Hasil uji kuat tarik dan chemical properti (komposisi material) FCD 45 - FCD 70 telah diuji melalui lembaga independen teknik metalurgi dan manufacture Institut Teknologi Sepuluh Nopember (ITS) dengan hasil telah memenuhi standar dan layak pakai oleh PT. PLN (Persero) di seluruh Indonesia.

Perencanaan, desain, aplikasi serta pengawasan mutu ditangani sendiri, sedang pembuatannya didukung sebuah company yang mempunyai Standar Mutu Management Produk ISO 9002 - LMK jasa teknik kelistrikan dengan laporan teknik 194.ULL 012A97. Kuat arus minimal 875 Ampere. Adapun jenis product transmission line diantaranya :

- Anchor Sacle
- Socket Eye Short
- Ball Eye Short
- Socket Eye Long
- Ball Eye Long
- Socket Clevise
- Ball Clevis
- Clevise Eye
- Twisted Double Clevise
- Speacer Single
- Speacer Double
- Suspansion Clamp GSW 55 mm
- Suspansion Clamp 240 mm
- Suspansion Clamp 435 mm
- Terminal Clamp Single
and double 240 mm/800 mm
- Tension Clamp GSW 55 mm
- Tension Clamp 240 mm
- Tension Clamp 435 mm
- PG Clamp GSW 55 mm
- Join Sleve 55 mm
- Join Sleve 240 mm
- Join Sleve 435 mm
- Dead End Clamp GSW 55
- Dead End Clamp 240 mm
- Dead End Calmp 435 mm
- Joge Plate
- Arnching Horn
- Repaire Sleeve
- Arrmorrod
- PG Clamp 240mm, 400mm
500mm, 800mm

OFFICE :

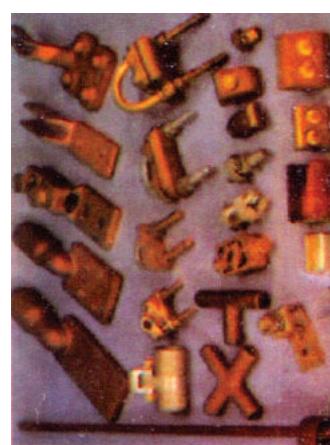
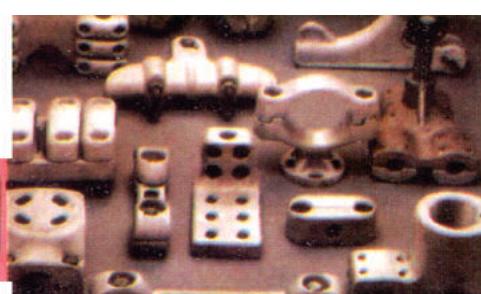
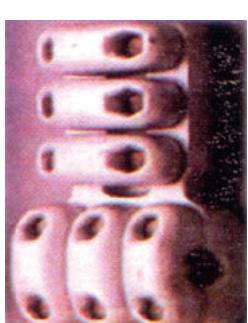
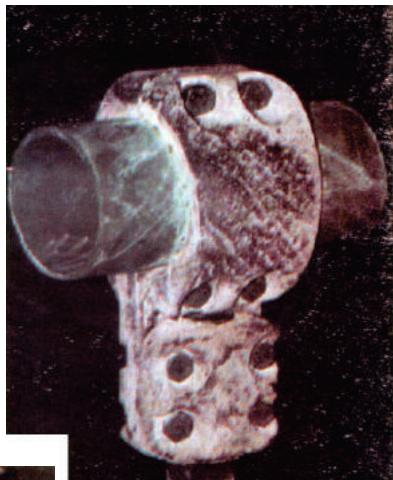
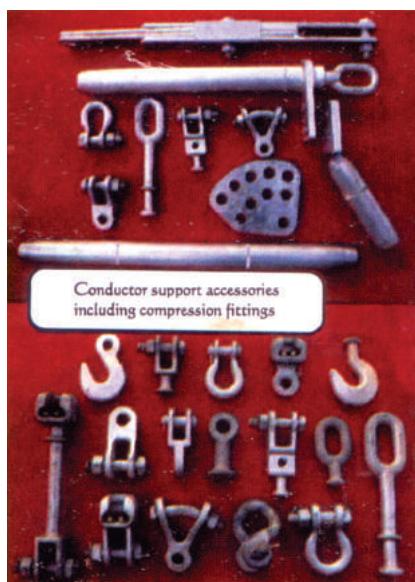
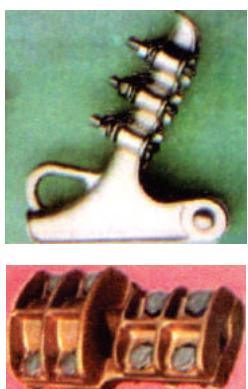
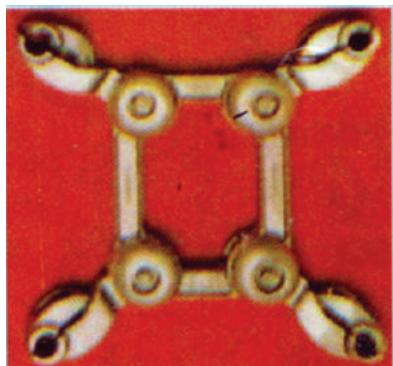
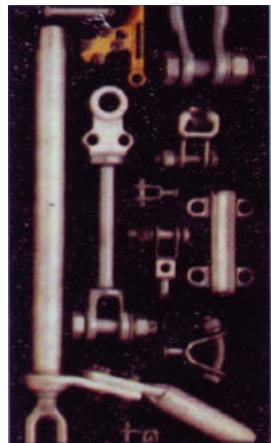
Jl. Ketintang Barat II/6 Surabaya - Indonesia

Telp./Faximile : 031-8291545

HP : 0822 - 3153 - 0749

e-mail : persadaindahelektrindo@yahoo.co.id

Transmission



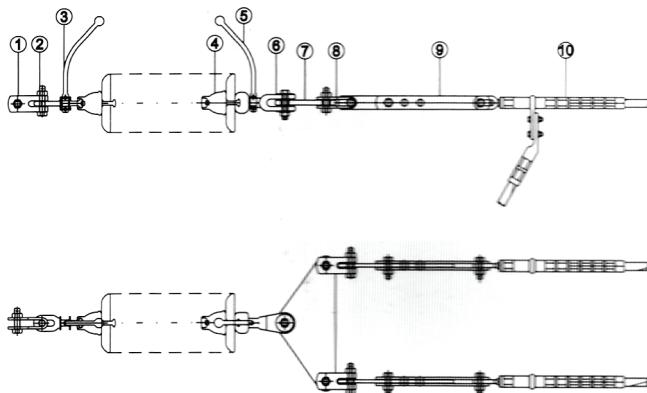
the
Products

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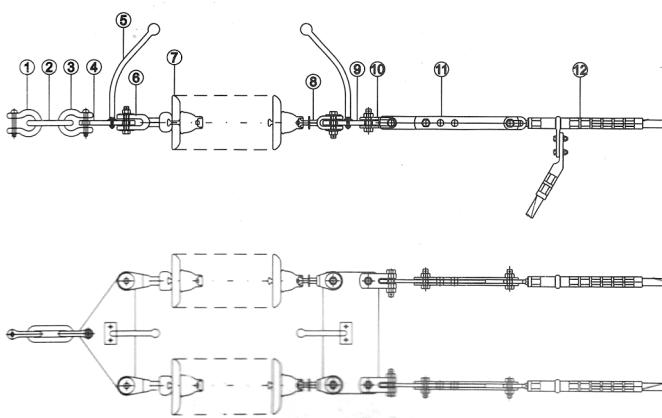
PT. PERSADA INDAH ELEKTRINDO

SINGLE TENSION INSULATOR FOR 2 x ACSR 435/55 mm² LIGHT DUTY TENSION



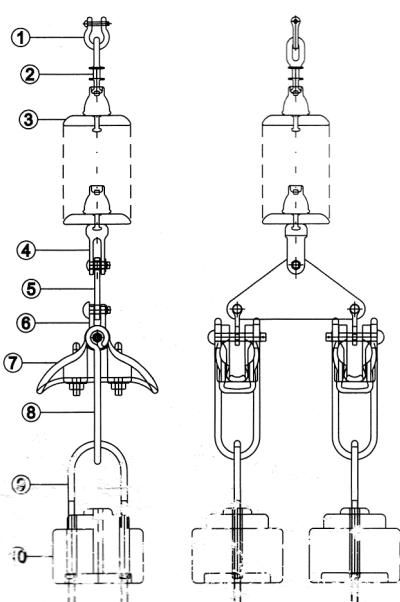
NO	NAME	ULTIMATE STRENGTH (kN)
1	TWISTED DOUBLE CLEVIS	160
2	BALL EYE	160
3	ARCHING HORN	-
4	INSULATOR	160
5	ARCHING HORN	-
6	SOCKET CLEVIS	160
7	TRIANGULAR YOKE	160
8	TWISTED DOUBLE CLEVIS	160
9	ADJUSTABLE	160
10	COMPRESSION DEADEND	160

INVERSE DOUBLE TENSION INSULATOR STRINGSET



NO	NAME	ULTIMATE STRENGTH (kN)
1	ANCHOR SHACKLE	160
2	CHAIN LINK	160
3	ANCHOR SHACKLE	160
4	TRIANGULAR YOKE	160
5	ARCHING HORN	-
6	SOCKET CLEVIS	160
7	INSULATOR	160
8	BALL CLEVIS	160
9	RECTANGULAR YOKE	160
10	TWISTED DOUBLE CLEVIS	160
11	ADJUSTABLE	160
12	COMPRESSION DEADEND	160

JUMPER SINGLE SUSPENSION INSULATOR STRINGSET

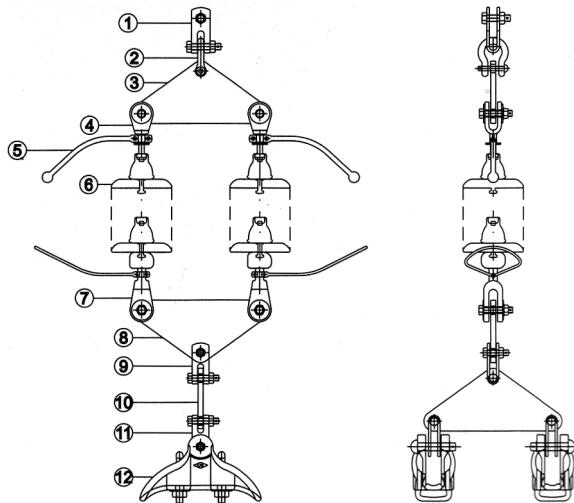


NO	NAME	ULTIMATE STRENGTH (kN)
1	ANCHOR SHACKLE	160
2	BALL EYE	160
3	INSULATOR	160
4	SOCKET CLEVIS	160
5	TRIANGULAR YOKE	160
6	CLEVIS TONGUE	160
7	SUSPENSION CLAMP	160
8	COUNTER WEIGHT SHACKLE	160
9	COUNTER WEIGHT U-BOLT	160



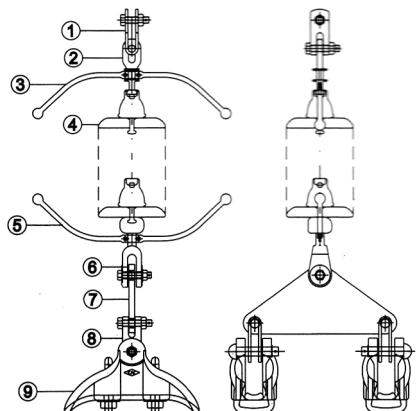
PT. PERSADA INDAH ELEKTRINDO

DOUBLE SUSPENSION INSULATOR STRING FOR 2 x ACSR 435/55 mm²



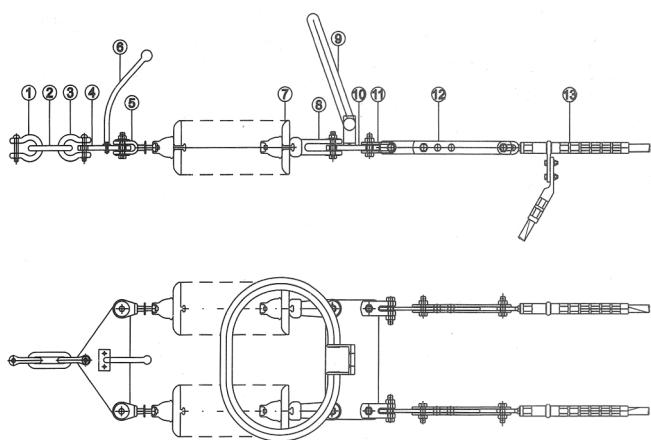
NO	NAME	ULTIMATE STRENGTH (kN)
1	TWISTED DOUBLE CLEVIS	210
2	ANCHOR SHACKLE	210
3	TRIANGULAR YOKE	210
4	BALL CLEVIS	210
5	ARCHING HORN	-
6	INSULATOR	210
7	SOCKET CLEVIS	160
8	TRIANGULAR YOKE	160
9	TWISTED DOUBLE CLEVIS	160
10	TRIANGULAR YOKE	160
11	TWISTED CLEVIS TONGUE	160
12	SUSPENSION CLAMP	160

SINGLE SUSPENSION INSULATOR STRING FOR 2 x ACSR 435/55 mm²



NO	NAME	ULTIMATE STRENGTH (kN)
1	TWISTED DOUBLE CLEVIS	160
2	BALL EYE	160
3	ARCHING HORN	-
4	INSULATOR	160
5	ARCHING HORN	-
6	SOCKET CLEVIS	160
7	TRIANGULAR YOKE	160
8	CLEVIS TONGUE	160
9	SUSPENSION CLAMP	160

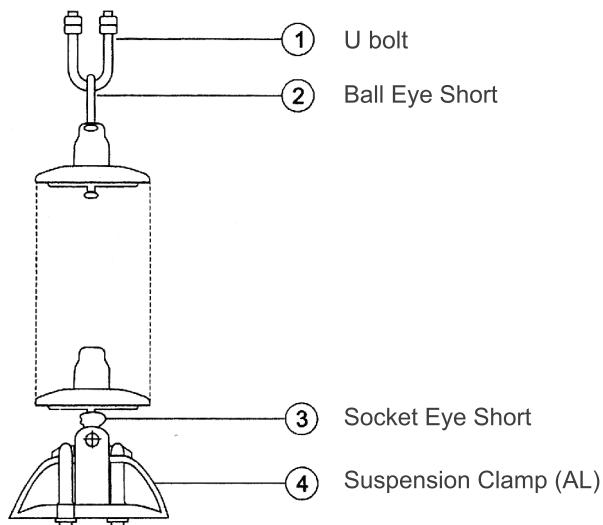
DOUBLE TENSION INSULATOR FOR 2 x ACSR 435/55 mm²



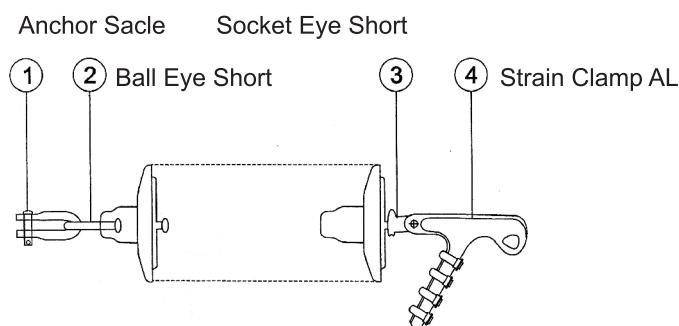
NO	NAME	ULTIMATE STRENGTH (kN)
1	ANCHOR SHACKLE	210
2	CHAIN LINK	210
3	ANCHOR SHACKLE	210
4	TRIANGULAR YOKE	210
5	BALL CLEVIS	210
6	ARCHING HORN	-
7	INSULATOR	210
8	SOCKET CLEVIS	160
9	RING ARCHING HORN	-
10	RECTANGULAR YOKE	210
11	TWISTED DOUBLE CLEVIS	160
12	ADJUSTABLE	160
13	COMPRESSION DEADEND	160

PT. PERSADA INDAH ELEKTRINDO

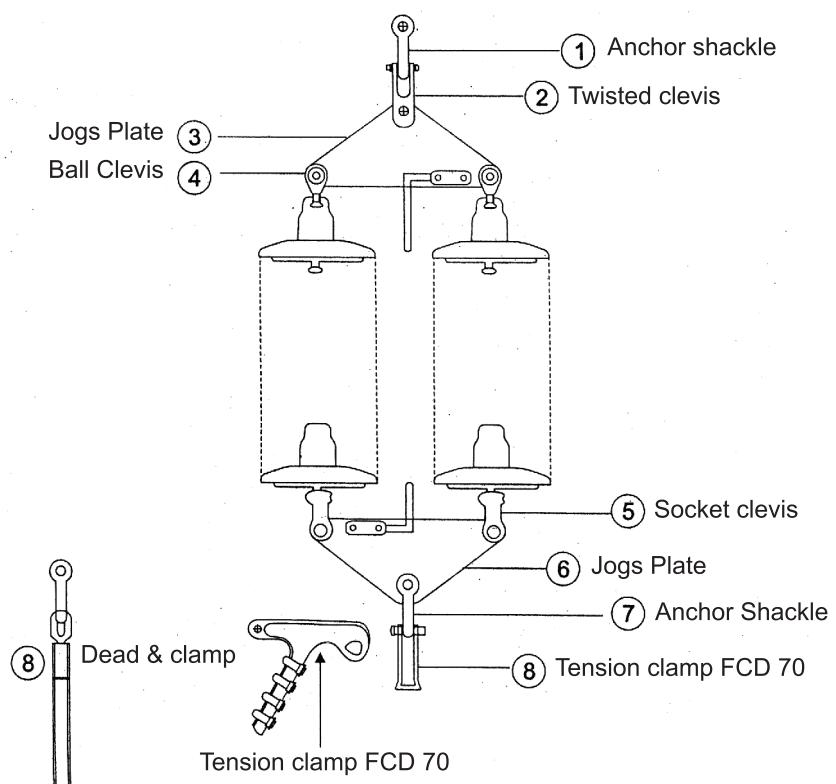
SINGLE SUSPENSION CLAMP INSULATORS STRING FOR GARDU INDUK 150 KV



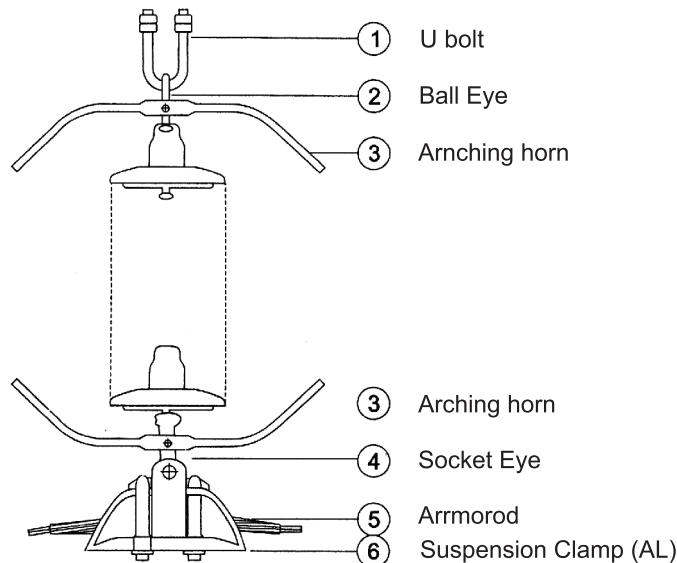
SINGLE TENSION CLAMP INSULATORS STRING FOR GARDU INDUK 150 KV



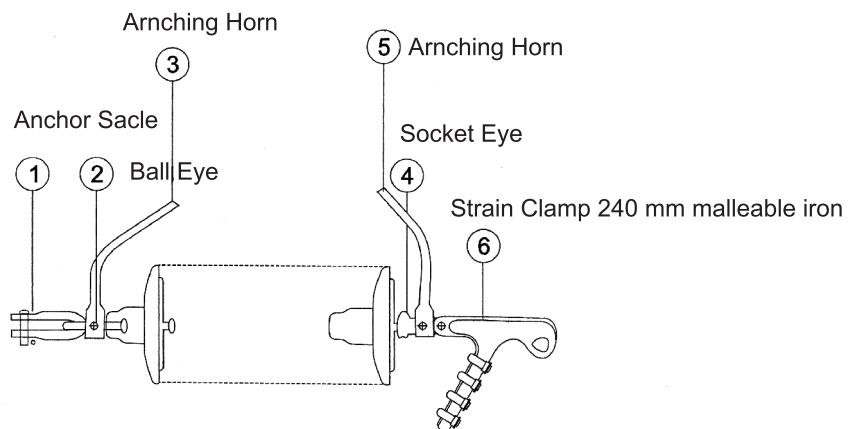
DOUBLE TENSION INSULATOR STRING 150 KV SINGLE CONDUCTOR



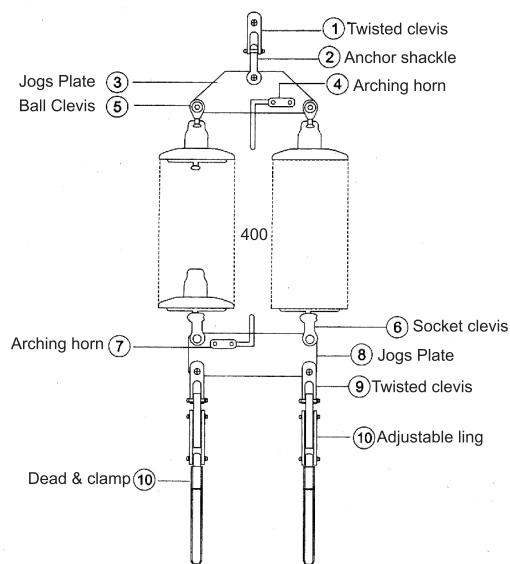
SINGLE SUSPENSION INSULATORS STRING



SINGLE TENSION CLAMP INSULATOR STRING FOR TRANSMISSION LINE 150 KV



DOUBLE TENSION STRING FOR TWO CONDUCTOR 150 KV





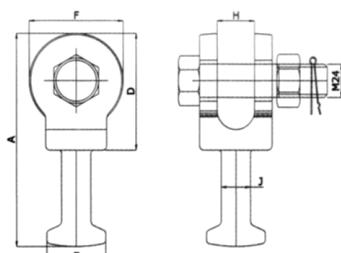
STRING SET AND ACCESSORIES POWER LINE





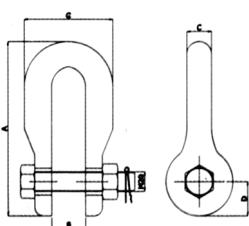
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BALL CLEVIS



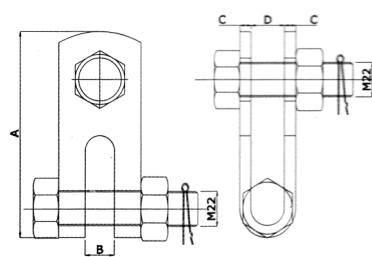
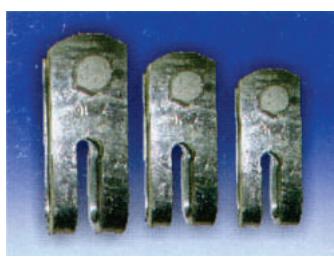
TYPE	Dimension (mm)						UTS (kN)	Weight (Kg)
	A	D	E	F	J	H		
Q 210 KN	142	16	48	64	20	25	210	1.0
Q 120 KN	139	15	33	60	19	19	120	0.85

SHACKLE



TYPE	Dimension (mm)					UTS (kN)	Weight (Kg)
	A	B	C	D	G		
U 20	157	30	25	40	80	210	2.0
U 16	154	27	22	34	72	160	1.5
U 12	178	26	20	31	78	120	0.9
U 10	127	23	18	23	60	100	0.5

TWISTE DOUBLE CLEVIS

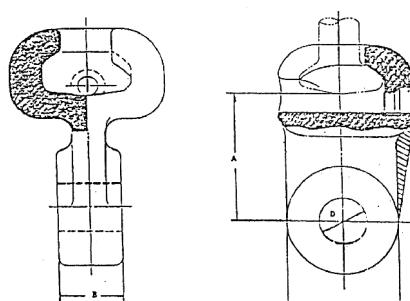


Z 16	Dimension (mm)				UTS (kN)	Weight (Kg)
	A	B	C	D		
Z 16	175	25	10	29	160	0.97

SOCKET EYE (SHORT)



TYPE (SE 16)	SOCKET EYE (SHORT)				STRENGTH
	A	B	C	D	
STANDARD	51	36	38	17,5	12.000
STANDARD	51	19	38	17,5	7.000



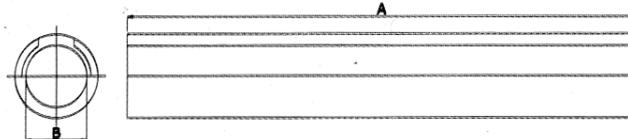


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REPAIR SLEEVE



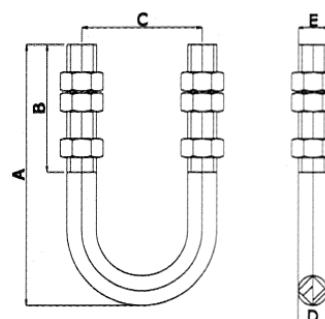
TYPE	Dimension (mm)		UTS (kN)	Weight (Kg)
	A	B		
K 16 G (400)	320	29	210	0.7
K 16 G (300)	270	26	160	0.5
K 16 G (240)	220	23	120	0.3



U BOLT



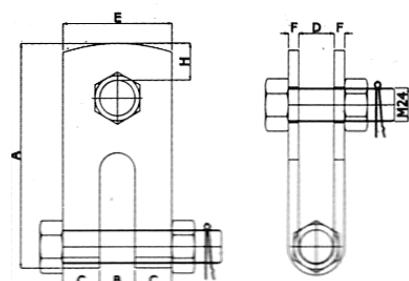
TYPE	Dimension (mm)					UTS (kN)	Weight (Kg)
	A	B	C	D	E		
UB-18	180	90	80	22	22	0.95	0.95
UB-12	101	51	51	11	11	0.55	0.55



CLEVIS TONGUE



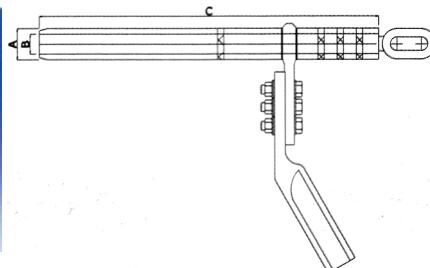
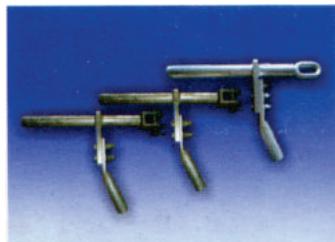
K 15 G								UTS (kN)	Weight (Kg)
A	B	C	D	E	F	G	H		
153	90	24	18	16	22	21	20	160	0.75





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DEADEND CLAMP

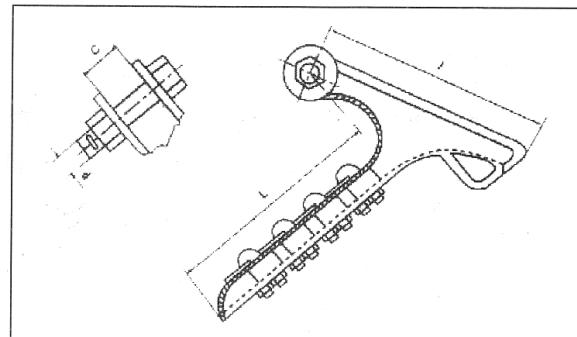


TYPE	Dimension (mm)			UTS (kN)	Weight (Kg)
	A	B	C		
K 10 G (435)	474	29	47	210	2.0
K 10 G (340)	472	27	42	160	1.8
K 10 G (240)	432	24	37	120	1.6

NPL Aluminium Alloy Strain Clamp and Insulating Cover



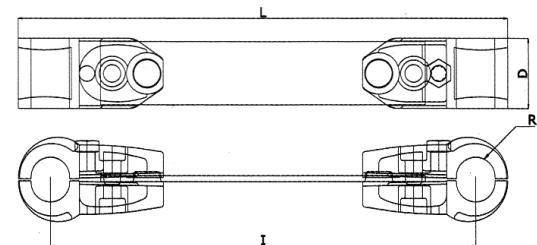
Type	Conductor (mm)	Dimensions (mm)				Failure load (KN)
		L	I	C	D	
NLL-1	5.1 ~ 11.4	125	110	19	16	40
NLL-2	8.9 ~ 18.5	175	186	24	16	40
NLL-3	5.0 ~ 15.0	190	205	18	16	70
NLL-4	12.1 ~ 21.8	300	285	30	18	90
NLL-5	12.1 ~ 21.8	300	285	30	18	90



SPACER TRANSMISI



TYPE	Dimension (mm)					Weight (Kg)
	L	I	R	B	D	
KA 12 G	285	200	29	4.6	48.7	1.7
KA 12 GA	500	400	29	4.6	48.7	2.3





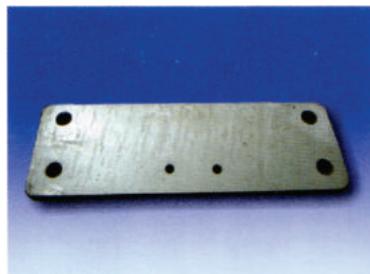
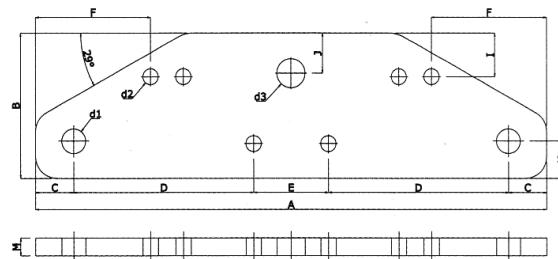
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YODE PLATE



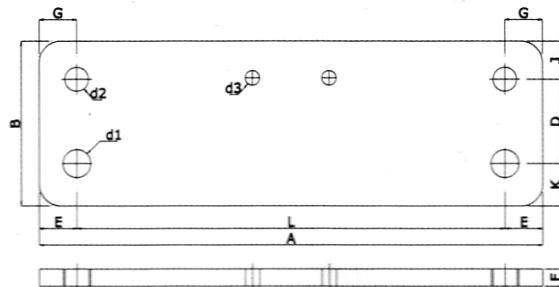
TRIANGULAR YOKE

Dimension (mm)													UTS (kN)	Weight (Kg)
A	B	C	D	E	F	I	J	K	M	d1	d2	d3		
473	131	35	166	71	106	39	36	33	16	22	14	26	160	1.5

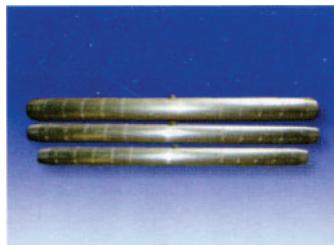


RECTANGULAR YOKE

Dimension (mm)													UTS (kN)	Weight (Kg)
A	B	D	E	F	J	K	L	d1	d2	d3				
470	152	78	35	16	35	39	400	26	22	14				1.5

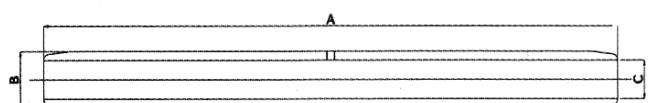


MIDSPAN JOIN



MIDSPAN JOIN

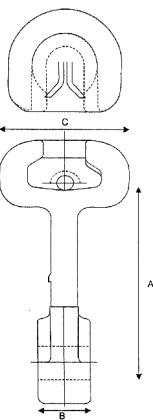
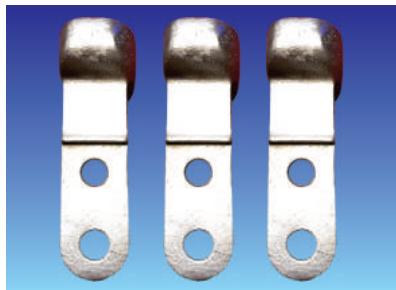
TYPE	Dimension (mm)			UTS (kN)	Weight (Kg)
	A	B	C		
K 10 G (435)	600	600	600	210	1.3
K 10 G (340)	570	570	570	160	1.2
K 10 G (240)	500	500	500	120	1





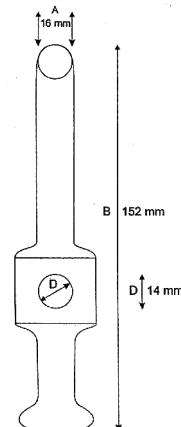
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SOCKET EYE (LONG)



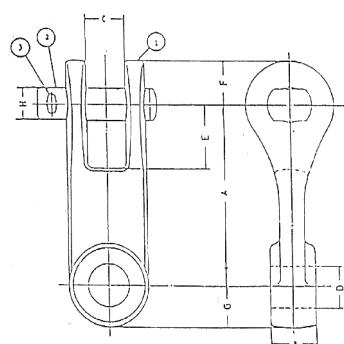
TYPE (SE 16)	SOCKET EYE (LONG)				STRENGTH
	A	B	C	D	
STANDARD	120	36	44	18	12.000
STANDARD	120	19	44	18	12.000

BALL EYE (LONG)



TYPE (SE 16)	BALL EYE (LONG)				STRENGTH
	A	B	C	D	
STANDARD	16	152	-	14	12.000

CLEVISE EYE

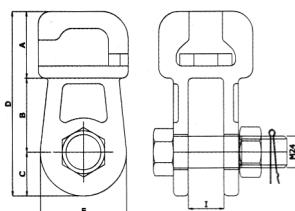


DIMENSIONS CLEVISE EYE								ULTIMATE STRENGTH K1
A	B	C	D	E	F	G	H	
89	16	22	17,5	35	22	25	16	14.000
89	19	22	17,5	35	22	24	16	14.000



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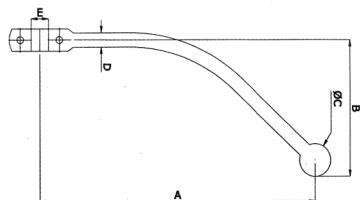
SOCKET CLEVIS



SOCKET CLEVIS

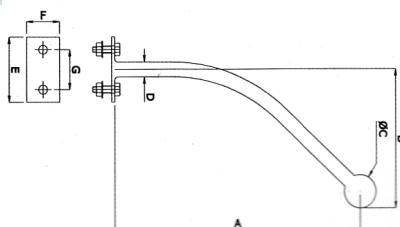
TYPE	Dimension (mm)						UTS (kN)	Weight (Kg)
	A	B	C	D	E	I		
WS 160 KN	47	59	33	135	64	26	160	1.6
WS 120 KN	42	52	33	127	63	26	120	1.4

ARCHING HORN



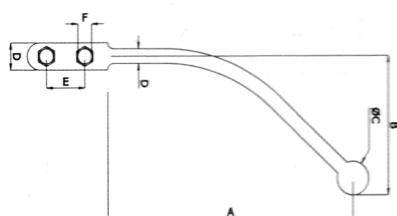
SINGLE ARCHING HORN (EARTH)

Dimension (mm)					Weight (Kg)
A	B	C	D	E	
400	150	24	16	38	0.72



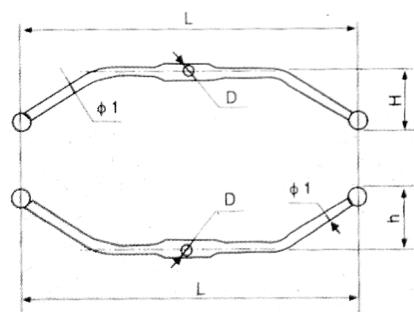
SINGLE ARCHING HORN (LINE)

Dimension (mm)							Weight (Kg)
A	B	C	D	E	F	G	
400	150	24	16	105	48	71	0.83



ARCHING HORN

Dimension (mm)						Weight (Kg)
A	B	C	D	E	F	
400	150	24	25	30	14	0.9



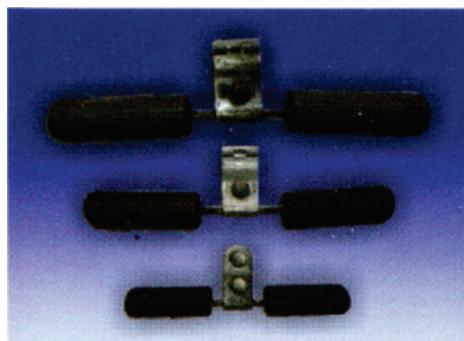
DOUBLE ARCHING HORN

Dimension (mm)					Weight (Kg)
D	H	L	Ø1	h	
14.5	197	712	16	114	1.2

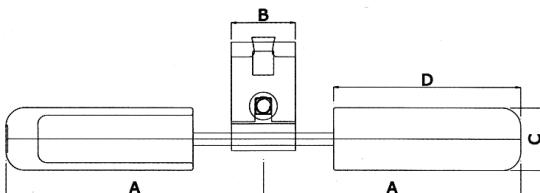


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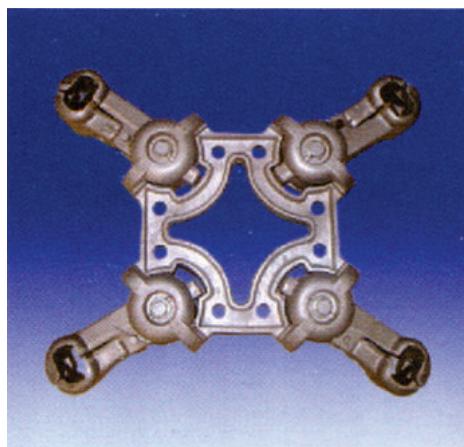
DUMPER



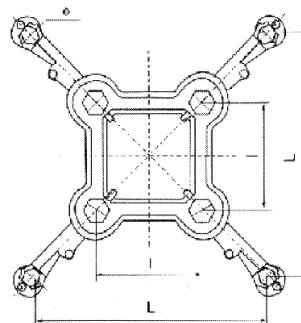
TYPE	Dimension (mm)				Weight (Kg)
	A	B	C	D	
FD - 5	276	69	67	202	7.6
FD - 4	250	60	64	175	5.5
FD - 50	432	24	37	37	2.5



SPACER DUMPER



TYPE	Suitable conductor dia. (mm)	Dimension(mm)			Weight (kg)
		L	I	Ø	
JZF4-45300	LGJ-300/40	450	223	19.4	7.5
JZF4-45400	LGJ-400/35	450	223	23	7.5



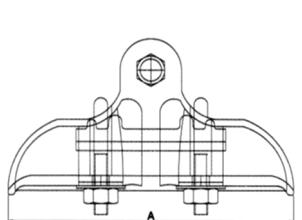
PT. PERSADA INDAH ELEKTRINDO



HIGH VOLTAGE CONECTOR CLAMP FOR SUBSTATION



SUSPENSION CLAMP



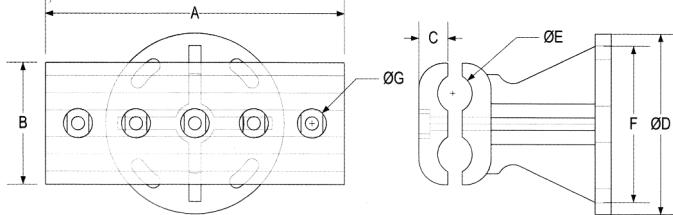
XGH 8			UTS (kN)	Weight (Kg)
A	B	C		
243	79	46	160	1.95

PARALLEL GROOVE BUS BAR



Measuring Point (mm)

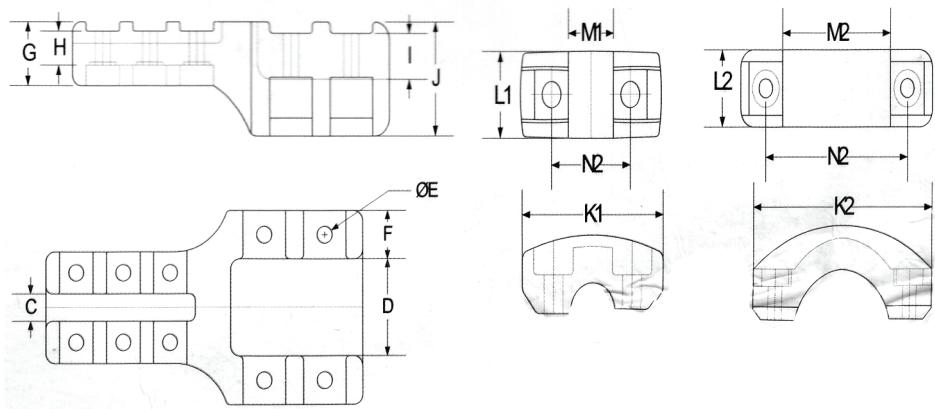
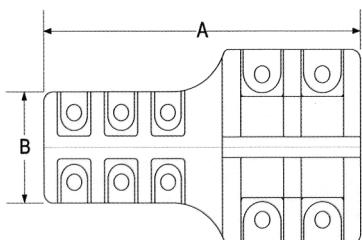
A	B	C	D	E	F	G
298	120	29	178	38	154	29



I CLAMP

Measuring Point (mm)

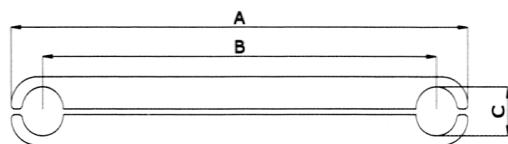
A	B	C	D	E	F	G	H	I	J	K1	L1	M1	N1	K2	L2	M2	N2
283	89	22	77	14	39	45	24	32	79	126	56	41	71	160	50	96	127





PT. PERSADA INDAH ELEKTRINDO

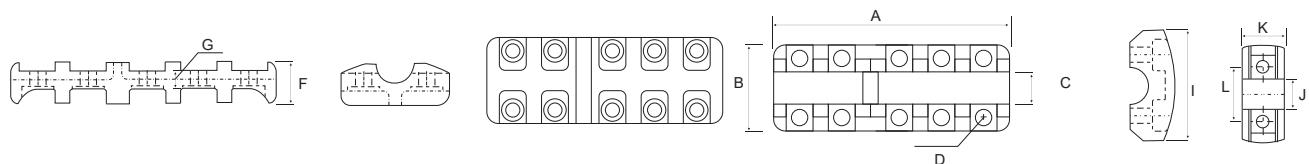
SPACER GI



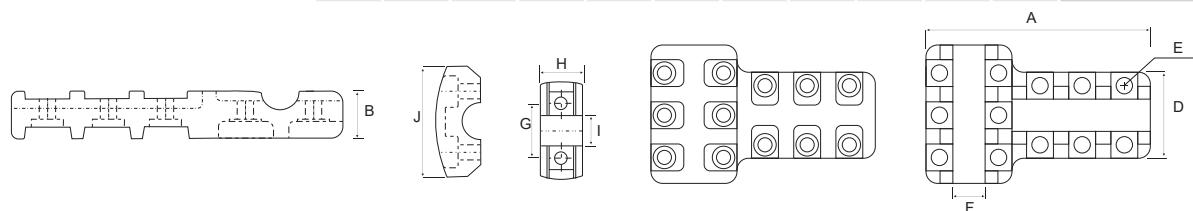
Measuring Point (mm)			Weight (Kg)
A	B	C	
265	200	44	0.82



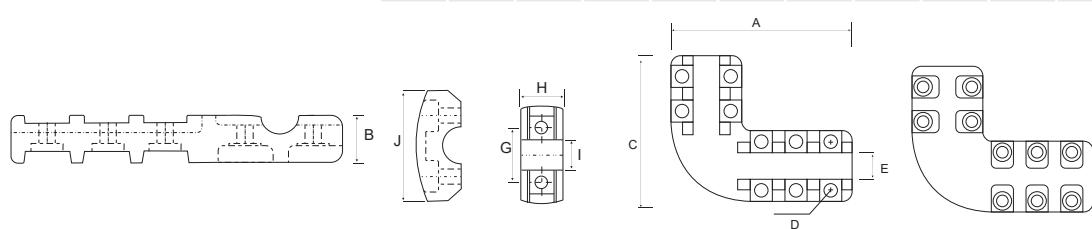
Measuring Point (mm)													Weight (gram)
A	B	C	D	E	F	G	H	I	J	K	L		
195	83	27	13	-	31	15	-	83	30	35	50		1.040



Measuring Point (mm)												Weight (gram)
A	B	C	D	E	F	G	H	I	J	K		
190	31	-	31	83	27	50	35	30	83	-		1.620



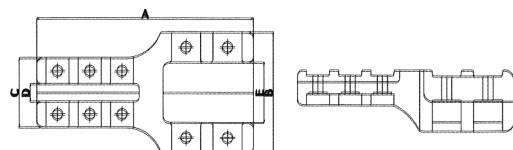
Measuring Point (mm)												Weight (gram)
A	B	C	D	E	F	G	H	I	J	K		
190	31	155	13	27	-	50	35	30	83	-		1.620





PT. PERSADA INDAH ELEKTRINDO

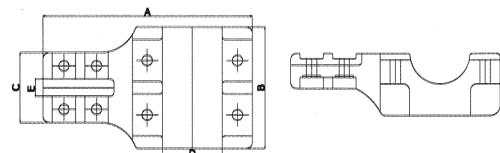
CLAMP HOLLOW



I CLAMP HOLLOW

Measuring Point (mm)

A	B	C	D	E	WEIGHT (Kg)
295	233	112	33	140	2.0

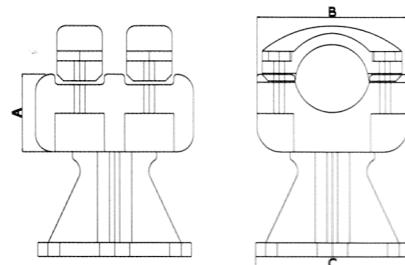


T CLAMP HOLLOW

Measuring Point (mm)

A	B	C	D	E	WEIGHT (Kg)
365	142	112	140	50	1.9

PARALLEL GROOVE HOLLOW

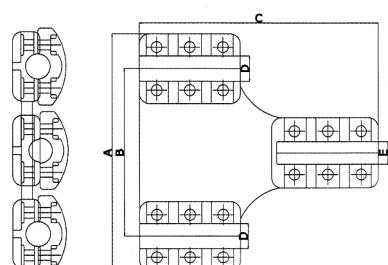


T CLAMP HOLLOW

Measuring Point (mm)

A	B	C	WEIGHT (Kg)
75	230	178	1.5

I CLAMP 3 CUP



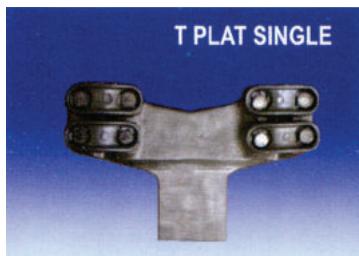
T CLAMP HOLLOW

Measuring Point (mm)

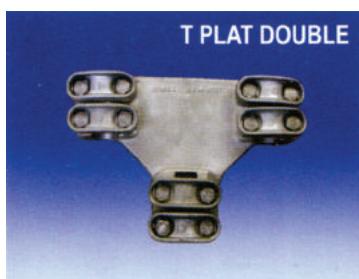
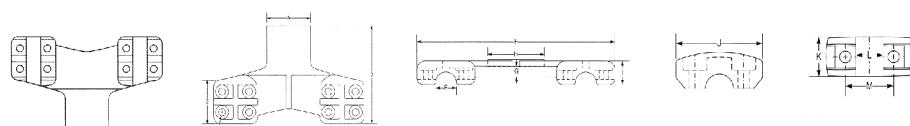
A	B	C	D	E	WEIGHT (Kg)
310	200	320	45	36	1.5



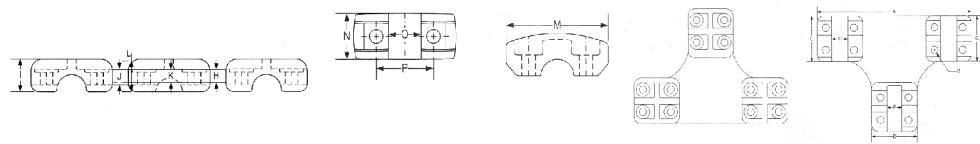
PT. PERSADA INDAH ELEKTRINDO



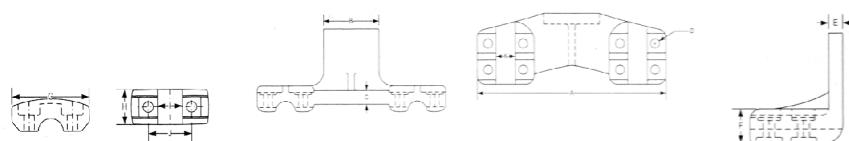
Measuring Point (mm)												Weight (gram)
A	B	C	D	E	F	G	H	I	J	K		
275	80	15	15	15	32	82	34	30	50	28		2.140



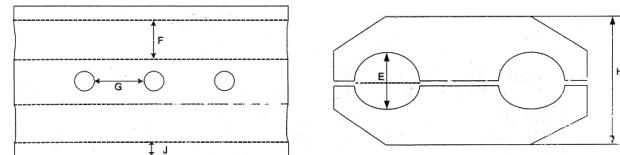
Measuring Point (mm)															Weight (gram)	
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	
280	15	29	83	81	24	81	13	31	15	15	32	82	34	30	50	2.560



Measuring Point (mm)													Weight (gram)
A	B	C	D	E	F	G	H	I	J	K	L	M	
80	82	15	184	25	280	14	10	32	82	34	30	50	2.000



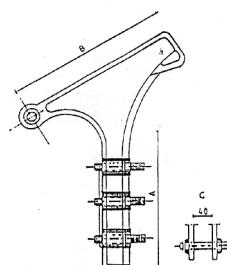
Measuring Point (mm)											Weight (gram)
A	B	C	D	E	F	G	H	I	J		
184	100	15	13	26	25	32	52	24	10		1.820





PT. PERSADA INDAH ELEKTRINDO

TENSION CLAMP (AL)

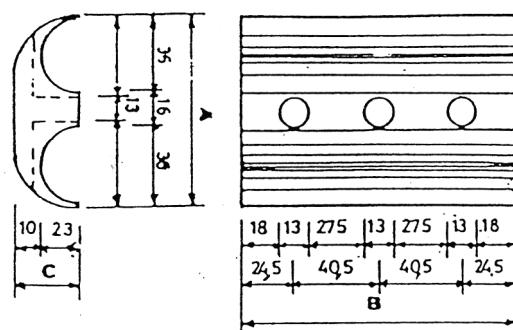


TENSION CLAMP (AL)					Conductor Type A3C-TAL-HAL- ACSR-TACSR
Catalogue	Dimensi (MM)			Strength (Kg)	Notes
TC. 01	A	B	C	-	- U Bolt Pen (FCD) 70 Galvanis
	350	300	40	-	

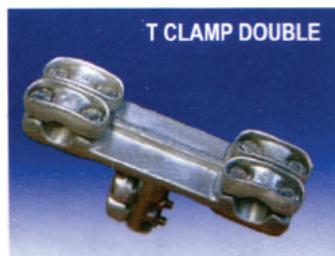
PARALLEL GROUP (PG CLAMP)



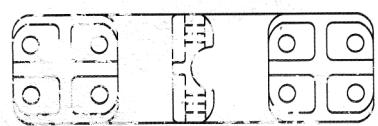
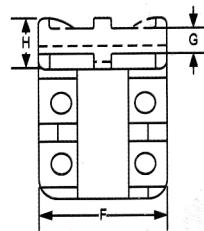
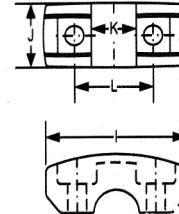
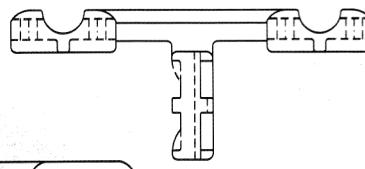
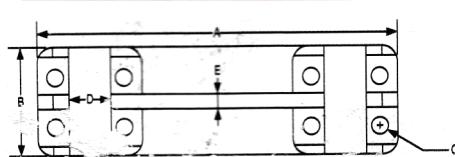
Conductor Type	Dia Cond		Dimensi (mm)					Bolt (mm)		Weight (Kg)	Material
	min	max	A	B	C	D	E	Dia	Lingth		
A3C-TAL-HAL	27	36	88	130	33	-	-	10	50	1,4	Aluminium
								60			



TWISTE DOUBLE CLEVIS



Measuring Point (mm)												Weight (gram)
A	B	C	D	E	F	G	H	I	J	K	L	
279	82	13	31	10	280	15	31	82	34	30	50	2.56



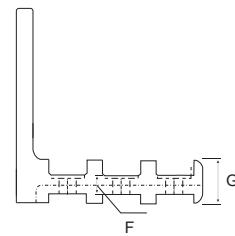
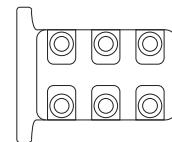
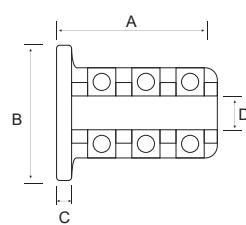
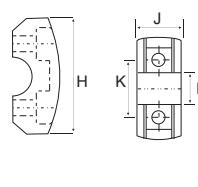


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I PLATE CLAMP 90°



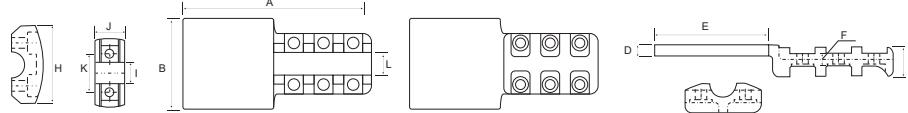
Measuring Point (mm)													Weight (gram)
A	B	C	D	E	F	G	H	I	J	K	L		
140	120	18	35	-	18	36	92	35	35	60	-		1.040



I PLATE CLAMP



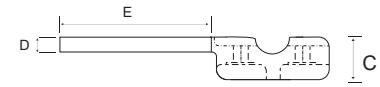
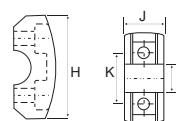
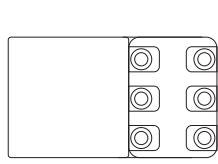
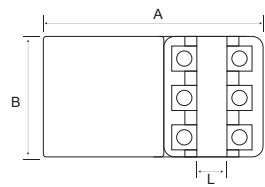
Measuring Point (mm)													Weight (gram)
A	B	C	D	E	F	G	H	I	J	K	L		
240	120	-	15	120	18	31	83	30	35	50	27		1.040



T PLATE CLAMP



Measuring Point (mm)													Weight (gram)
A	B	C	D	E	F	G	H	I	J	K	L		
203	120	31	15	120	-	-	83	30	35	50	27		1.040





PT. PERSADA INDAH ELEKTRINDO



CONDUCTOR SUPPORT ACCESSORIES INCLUDING COMPRESSION FITTING

TRANSMISSION DAN GARDU INDUK



Conductor support accessories
including compression fittings

Helically formed wire products