

Catalog Number	Diameter Range (mm)	Nominal Conductor Size	Below 1kV GB125 27-90	10kV GB14049 -93 Thin insulation	10kV GB14049- 93 Common insulation	Units	Weight (kg)	Length (mm)	Color Code	Matched fitting
						Per carton				
DGD-2510	5.82-6.53	#6,7W,2/64s #6,Solid,3/64s	10			100	9.1	457	Orange	VTCB-11- B
DGD-2511	6.55-7.34	#4,Solid,2/64s #6,7w,3/64s	16			100	15.9	533	Yellow	
DGD-2512	7.37-8.26	#6,7w,4/64s #4,7w,2/64s				100	18.2	660	Red	
DGD-2513	8.28-9.25	#4,7w,3/64s #4,7w,4/64s	25			100	27.2	686	Green	
DGD-2514	9.26-10.39	#2,7w,3/64s #4,7w,5/64s	35			100	27.2	686	Yellow	
DGD-2515	10.40-11.68	#2,7w,5/64s #2,7w,4/64s	50		10	50	20.4	737	Blue	
DGD-2516	11.69-13.11	#1,19w,5/64s 1/0,7w,4/64s	70	25 35	16	50	20.4	787	Orange	
DGD-2517	13.12-14.66	1/0,19w,5/64s 1/0,19w,6/64s		50	25	50	29.5	864	Purple	
DGD-2100	16.67-16.59	3/0,7w,4/64s 4/0,7w,4/64s	95 120	70	35 50	25	20.4	889	Blue	
DGD-2101	16.60-18.77	250,19w,4/64s 266.8, 19w,4/64s	150	95	70	25	27.2	965	Red	VTCB-17- B
DGD-2102	18.78-21.26	300,19w,5/64s 336.4,19w,8/64s	185	120 150	95 120	10	18.2	1016	Brown	
DGD-2103	21.27-24.05	336.4,19w,8/64s 397.5,19w,6/64s	240	185	150	10	20.4	1016	Green	VTCB-27- B
DGD-2104	24.06-27.20	477,37w,5/64s 500,37w,8/64s		240 300	185 240	10	22.7	1016	Black	
DGD-2105	27.21-30.78	350,19w,12/64s 500,37w,12/64s			300	10	31.8	1016	Purple	



Preformed conductor dead end(For ACSR)

Catalog Number	Diameter Range(mm)	Conductor Type	Conductor Type	Length (mm)	Weight (kg)	Color Code	Matched Fittings
		ACSR	GB1179-83 ACSR LGJ/LGJF				
DGD-4540	5.17-5.79		16/3	444	0.10	Brown	VTCB-11-B
DGD-4555	6.54-7.34		25/4	546	0.10	Yellow	
DGD-4541	5.82-6.53	#4,6/1 #4,7/1		432	0.10	Orange	
DGD-4542	7.35-8.26	#2,6/1 #2,7/1	35/6	600	0.2	Red	
DGD-4543	8.28-9.25	#1,6/1		660	0.2	Green	
DGD-4544	9.26-10.39	1.0,6/1	50/8	685	0.2	Yellow	
DGD-4545	10.40-11.68	2/0,6/1	70/10	736	0.3	Blue	
DGD-4546	11.71-13.11	3/0,6/1					
DGD-4547	13.12-14.66	4/0,6/1	50/30	876	0.6	Red	VTCB-17-B
			70/40				
			95/15				
			95/20				
			120/7				
DGD-4548	14.67-16.59	266.8,18/1	120/20	889	0.8	Black	VTCB-27-B
			95/55				
			120/25				
			150/8				
DGD-4549	16.60-18.77	336.4,18/1	150/20	1016	1.1	Green	
			150/25				
			150/35				
			120/70				
			185/10				
DGD-4550	18.78-21.26	397.5,18/1 477,36/1 477,18/1	185/25	1155	1.7	Orange	
			185/30				
			210/10				

			185/45				
			210/25				
			210/35				
			210/50				
DGD-4551	21.27-24.05	556.5,36/1 605,36/1, 636.18/1	240/30	1270	2.3	Blue	VTCB-35-B
			240/40				
			240/55				
			300/15				
			300/20				
			300/25				
			300/40				
DGD-4552	24.06-27.20	666.6,36/1 715.5,36/1 795,36/1	300/50	1422	3.0	Brown	
			300/70				
			400/20				
			400/25				
			400/35				
			400/50				
DGD-4553	27.21-30.78	874.5,36/1 954,36/1 1033.5,36/1	400/65	1651	4.9	Orange	
			400/95				
			500/35				
			500/45				

Preformed conductor dead end(For Aluminum Strand)

Catalog Number	Diameter Range (mm)	Conductor type	Conductor type GB1179-83	Length (mm)	Weight (kg)	Color Code	Matched Fittings
		Alu. Strand	Alu. Strand (LJ)				
DGD-4554	4.62-5.16	-	16	406	0.1	Blue	VTCB-11-B
DGD-4541	5.80-6.53	#4,6/1	25	444	0.1	Orange	
DGD-4542	7.35-7.26	#2,6/1	35	622	0.2	Red	VTCB-17-B
DGD-4543	8.27-9.25	#1,6/1	50	685	0.2	Green	VTCB-27-B
DGD-4544	9.27-10.39	1/0,6/1	-	685	0.2	Yellow	
DGD-4545	10.40-11.68	2/0,6/1	70	736	0.4	Blue	
DGD-4546	11.69-13.11	3/0,6/1	95	800	0.4	Orange	
DGD-4547	13.12-14.66	4/0,6/1	120	876	0.6	Red	
DGD-4548	14.67-16.59	-	150	889	0.8	Black	
DGD-4549	16.60-18.77	-	185	1016	1.1	Green	
DGD-4549	16.60-18.77	-	210	1016	1.1	Green	
DGD-4550	18.78-21.26	-	240	1155	1.7	Orange	
DGD-4551	21.27-24.05	-	300	1270	2.3	Blue	VTCB-35-B
DGD-4552	24.06-27.20	-	400	1422	3.0	Brown	
DGD-4553	27.21-30.78	-	500	1651	4.9	Orange	

Double Preformed conductor dead end(For 220kV Line)

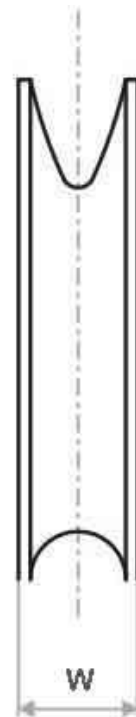
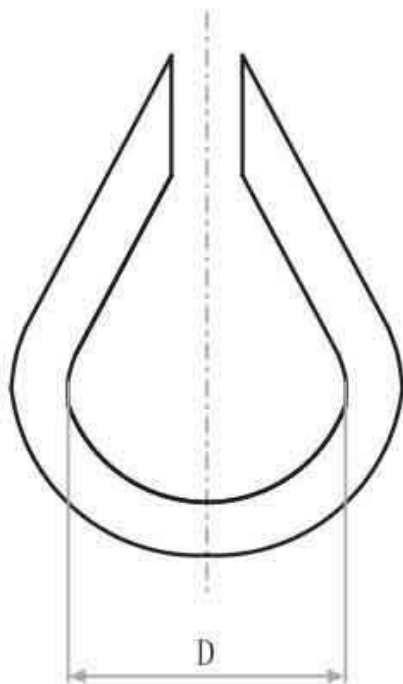
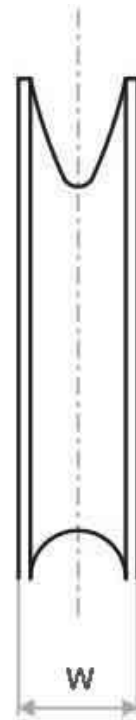
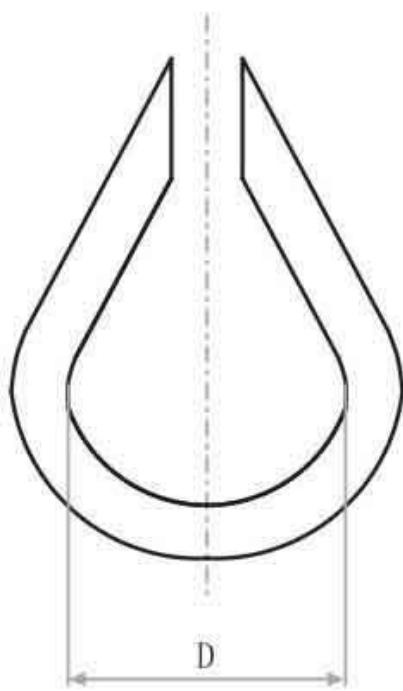
Catalog Number	Diameter Range (mm)	Nominal Conductor Type (GB-1179-83) ACSR LGJ/LGJF	Length (mm)	Weight (kg)	Color Code
DGD-4632	21.47-21.73	240/30	1350	2	Blue
		240/40			
DGD-4633	22.27-22.54	240/55	1400	2.2	White
DGD-4634	22.87-23.15	300/15	1400	2.3	Green
DGD-4635	23.29-23.57	300/20	1450	2.3	Black
DGD-4636	23.62-23.90	300/25	1450	2.3	White
DGD-4637	23.80-24.09	300/40	1450	2.4	Red
DGD-4638	24.11-24.41	300/50	1500	2.4	Green
DGD-4639	25.05-25.35	300/70	1550	3.0	Orange
DGD-4640	26.48-26.80	400/25 400/35 400/20	1650	3.2	Yellow

Matching Fittings

Thimble

DGD twisted is designed for matching fittings with smooth surface, such as thimble, insulator, strain insulator etc. width and diameter of groove in the fitting are listed in the table.

Catalog Number	Groove Width W(mm)	Thimble Diameter D(mm)
DGD-4554	≥6.4	32-60
DGD-4541	≥6.4	32-60
DGD-4542	≥6.4	32-60
DGD-4543	≥6.4	32-60
DGD-4544	≥9.5	40-60
DGD-4545	≥9.5	40-60
DGD-4546	≥11.1	40-60
DGD-4547	≥11.1	40-60
*DGD-4548	≥11.1	40-60
DGD-4549	≥12.7	40-60
*DGD-4550	≥15.9	40-60
DGD-4551	≥19.1	40-60
*DGD-4552	≥19.1	40-60
DGD-4553	≥22.2	40-60



Thimble

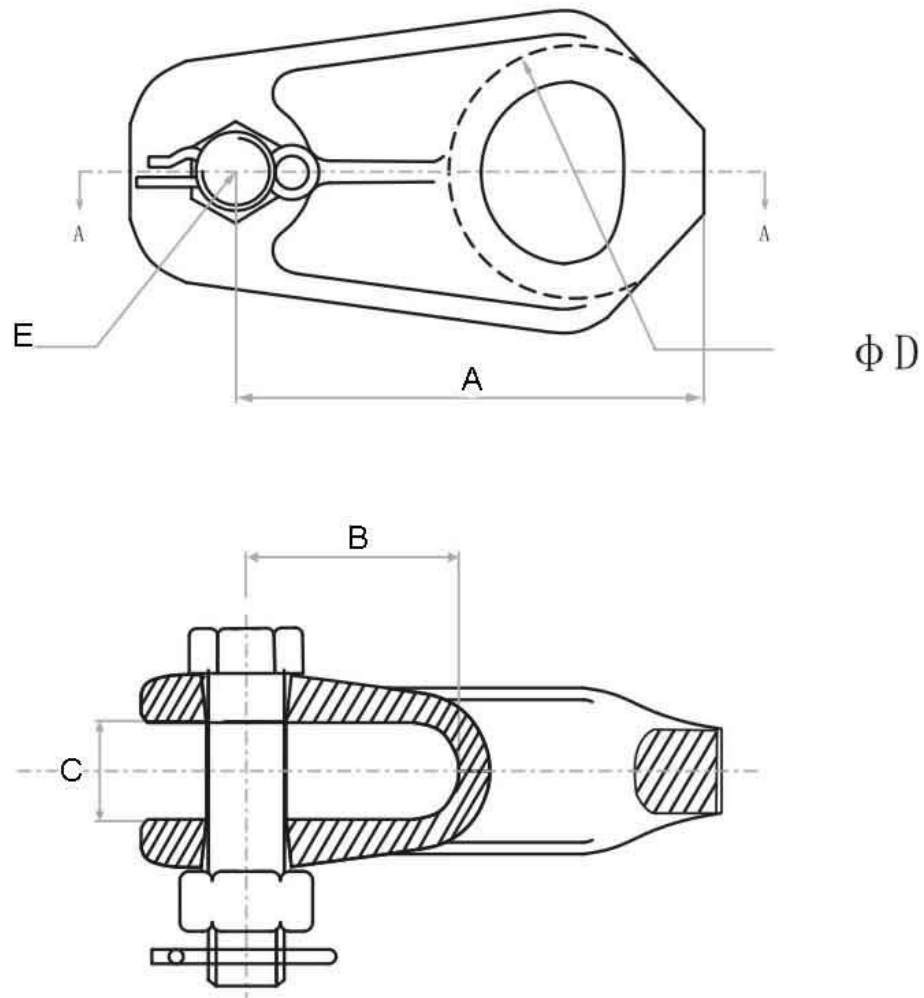
It is a part used combined with helical-formed stain clamps, fit for joint between clamp and strain pylon to realized fixing of conducting wire on transmission line, distribution line and transformer station.

Materials

Principal part: heat zinc coated nodular cast iron

Bolt: heat zinc coated steel part

split pin: stainless steel/bronze



Catalog Number	Breaking strength (kN)	Weight (kg)	Dimension(mm)				
			A	B	C	D	E
VTCB-11-B	50	0.33	60	45	20	40	Ø16
VTCB-17-B	70	0.44	60	45	20	42	Ø16
VTCB-27-B	120	0.9	107	48	24	57	M16
VTCB-35-B	156	1.7	124	57	25.4	64	M18
VTCB-35-M	156	1.7	124	57	25.4	64	M16