

Chardon Shear Bolt Connector



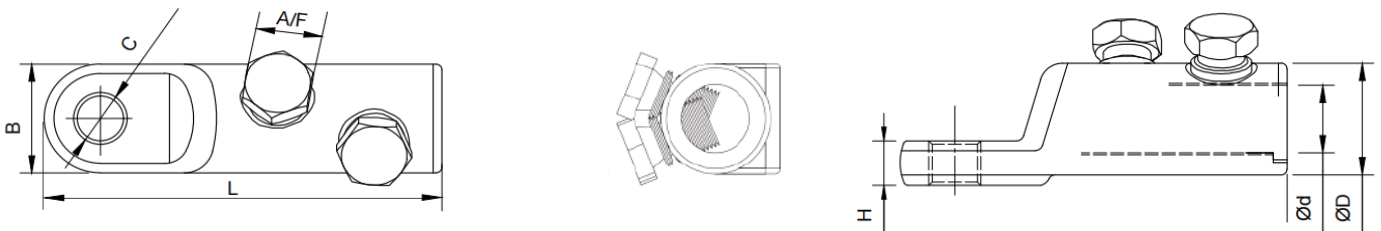
APPLICATION

Chardon Shear Bolt Connectors are designed for use in low and medium voltage connection. The tool required is a standard ratchet wrench with a hexagonal socket; no crimping tool is needed in field operation.

The connector is manufactured from high conductivity aluminum for heavy duty utility

application. The cable entry opening is chamfered inside to provide easy insertion of cable. The shear bolts in the connector ensures the correct torque and optimal contact force and ensure a reliable current path.

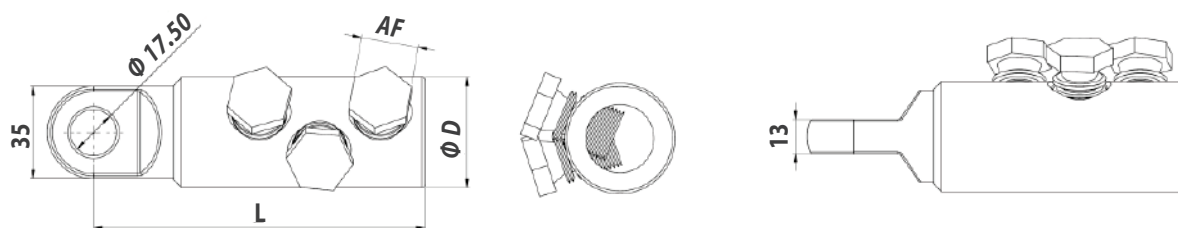
ORDERING INFORMATION



DIMENSION INFORMATION OF "SBC-A SERIES"

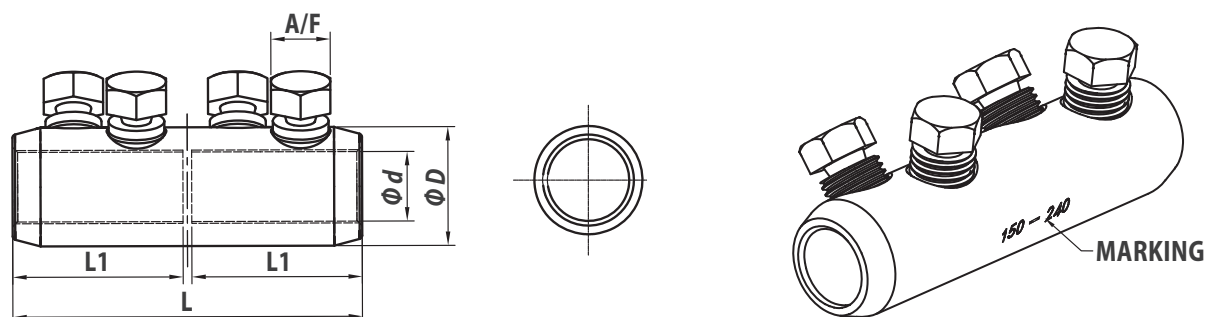
CATALOG NO.	Conductor Range(mm ²)	Dimensions(mm)						AF Head Size	Bolt Quantity
		φD	φd	L	B	H	φC		
SBC-A-25-95-12/1L	25-95	24.0	13.3	76.5	24.0	9.0	13.0	13.0	1
SBC-A-25-95-16/1L									
SBC-A-35-150-12/1L	35-150	28.0	16.0	86.5	28.0	10.0	17.0	17.0	1
SBC-A-35-150-16/1L									
SBC-A-35-150-12/2L		28.0	16.0	99.0	28.0	10.0	17.0	17.0	2
SBC-A-35-150-16/2L	70-240	33.0	20.0	114.0	33.0	13.0	19.0	19.0	2
SBC-A-70-240-12/2L									
SBC-A-70-240-16/2L	120-300	38.0	24.0	125.5	38.0	14.0	22.0	22.0	2
SBC-A-120-300-12/2L									
SBC-A-120-300-16/2L	185-400	42.0	26.0	141.0	42.0	16.0	22.0	22.0	3
SBC-A-185-400-12/3L									
SBC-A-185-400-16/3L									

ORDERING INFORMATION



DIMENSION INFORMATION OF "SBC-B SERIES"

CATALOG No.	Conductor Range (mm ²)	Dimensions (mm)		AF Head Size	Bolt Quantity
		φD	L		
SBC-B-25-50/1	25 - 50	24	71	13	1
SBC-B-70-120/2	70 - 120	33	103	19	2
SBC-B-150-240/2	150 - 240	33	103	19	2
SBC-B-300-400/3	300 - 400	42	126	22	3
SBC-B-500/3	500	48	142	24	3
SBC-B-500-630/3	500 - 630	52	142	24	3



DIMENSION INFORMATION OF "SBSC"

CATALOG NO.	Conductor Range(mm ²)	Dimensions(mm)				AF Head Size	Bolt Quantity
		L	L1	φD	d		
SBSC-25-95/2/L	25-95	55	26.0	25	12.9	13	2
SBSC-70-150/2/L	70-150	80	38.5	30	15.5	17	2
SBSC-120-240/4/L	120-240	97	47.0	36	20.8	17	4
SBSC-185-300/4/L	185-300	140	68.0	38	23.0	22	4
SBSC-240-400/6/L	240-400	170	83.0	42	26.0	22	6
SBSC-400-630/6/C	400-630	170	83.0	50	33.0	22	6



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