



## MV Mechanical Shearbolt Terminal Lugs and Ferrules










- Range finding and suitable for copper and aluminium conductors
- Tapered enabling centralised conductors making them suitable for use up to 19/33kV
- No special tooling required or calibration

Shrink Polymer Systems offers a range of high quality mechanical shearbolt lugs and ferrules for use on medium voltage cables to 33kV.

Multiple shear head bolts with defined torque guarantees, ensure the necessary contact pressure and tensile strength of the connectors. The range has successfully passed tests to IEC 1238-1 and have been tested with our own medium voltage joints to BS 7888 and Cenelec 628 S1 and 629.1 S1.



Size	Usage of Concentric Sleeves for Conductor Types DIN VDE 0295							
	Sleeve	 (comp.)			 90°	 120°	 90°	 120°
1	blue	25-35	25	25-35				
	yellow	50-70	35-50	50-70	35	35	50	
	–	95	70	95	50-95(r)	50-70(*)	70-95(*)	50-95(r)
2	blue	50-70	50	50-70			50	
	yellow	95-120	70-95	95-120	50-70	50-70	70-95	50-70
	–	150	120	150	95-150(r)	95(*)-120(r)	120-150(r)	95-150(r)
3	blue	70-95	70	70-95	70		70	70
	yellow	120	95	120		70	95	
	red	150-185	120-150	150-185	95-120	95	120-150	95-120
	–	240	185	240	150-185(*)	120-185(r)	185-240(r)	150-185(*)
4	blue	120		120				
	yellow	150-185	120-150	150-185	120		120-150	120
	red	240	185	240	150	120	185	150
	–	300	240-300	300	185-300(r)	150-240(r)	240	185-240
5	blue	95		95				
	yellow	120-185	95-150	120-185	95-120	95	95-150	95-120
	red	240-300	185-240	240-300	150-185	120-150	185	150-185
	–	400	300-400	400	240-300	185-300(r)	240	240
6	blue	300		300				
	yellow	400	300	400				
	red	500	400	500	300			
	–	630	500-630	630	400	300-400(*)		

Key: (comp.) = compacted conductor (r) = rounded conductor (\*) = slight rounding of conductor, e.g. with flat nose pliers

To select Terminal Lug, use code: MVML, add size 1-6, then state stud size

Example: Conductor size = 185mm<sup>2</sup> circular stranded and you require M12 stud = MVML 3-M12

To select Through Connector, use code: MVMC, add size

Example: Conductor size = 240mm<sup>2</sup> sector stranded = MVMC 5