

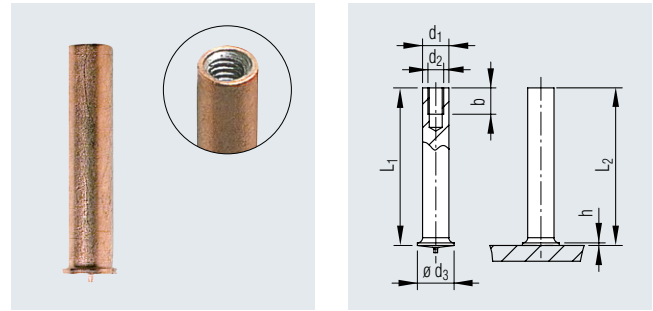


# POLYSTIC® weld studs

Weld studs with internal thread, cylindrical, smooth, Type IT, for capacitor discharge (CD) stud welding

### Material

Steel (4.8) copper-plated finish



Internal thread d2	Pin length L1 [mm]	Flange Ø d3 ±0.2 [mm]	Flange height h [mm]	Outer Ø d1 [mm]	Pin length after welding L2 [mm]	Thread depth b [mm]	Article No.
M3	8.0	7.0	0.5	5.0	L1-0.3	5.0	
M4	8.0	7.5	0.6	6.0	L1-0.3	6.0	
	10.0	7.5	0.6	6.0	L1-0.3	6.0	434 820 000
	15.0	7.5	0.6	6.0	L1-0.3	6.0	434 822 002
M5	12.0	8.0	0.7	7.1	L1-0.3	7.0	434 831 000
	20.0	8.0	0.7	7.1	L1-0.3	7.0	
M6	20.0				L1-0.3		

Please note: Not all dimensions or materials in stock

On request: other dimensions, strengths and finishes

Other materials for product

When using weld studs with dissimilar material (e.g. S 235 / 1.4301), the products may not install correctly. It is strongly recommended that you perform appropriate welding tests prior to beginning the installation work to determine if the desired strengths and corrosion properties can be achieved with the combination of materials selected.

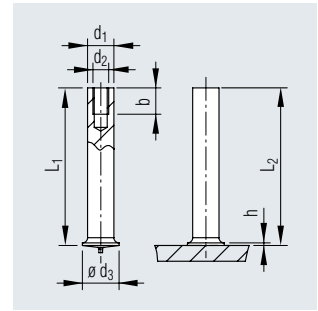
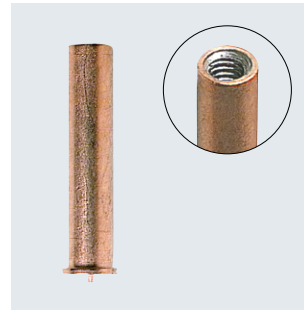


## POLYSTIC® weld studs

Weld studs with internal thread, cylindrical, smooth, Type IT, for capacitor discharge (CD) stud welding

### Material

A2 stainless steel



Internal thread d2	Pin length L1 [mm]	Flange Ø d3 ±0.2 [mm]	Flange height h [mm]	Outer Ø d1 [mm]	Pin length after welding L2 [mm]	Thread depth b [mm]	Article No.
M3	8.0	7.0	0.5	5.0	L1-0.3	5.0	434 840 002
M4	8.0	7.5	0.6	6.0	L1-0.3	6.0	434 850 000
	10.0	7.5	0.6	6.0	L1-0.3	6.0	
	15.0	7.5	0.6	6.0	L1-0.3	6.0	
M5	12.0	8.0	0.7	7.1	L1-0.3	7.0	434 847 002
	20.0	8.0	0.7	7.1	L1-0.3	7.0	434 865 002
M6	20.0				L1-0.3		434 880 000

Please note: Not all dimensions or materials in stock

On request: other dimensions, strengths and finishes

Other materials for product

When using weld studs with dissimilar material (e.g. S 235 / 1.4301), the products may not install correctly. It is strongly recommended that you perform appropriate welding tests prior to beginning the installation work to determine if the desired strengths and corrosion properties can be achieved with the combination of materials selected.