

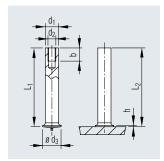
## POLYSTIC® weld studs

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

## Material

Steel (4.8) copper-plated finish





L1	43 ±0 3			Pin length after welding L2 [mm]	Thread depth b [mm]	Article No.
	d3 ±0.2 [mm]	h [mm]	d1 [mm]			
[mm]						
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
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	
20.0				L1-0.3		
	[mm] 8.0 8.0 10.0 15.0 12.0 20.0	[mm] [mm] 8.0 7.0 8.0 7.5 10.0 7.5 15.0 7.5 12.0 8.0 20.0 8.0	[mm]         [mm]         [mm]           8.0         7.0         0.5           8.0         7.5         0.6           10.0         7.5         0.6           15.0         7.5         0.6           12.0         8.0         0.7           20.0         8.0         0.7	[mm]         [mm]         [mm]           8.0         7.0         0.5         5.0           8.0         7.5         0.6         6.0           10.0         7.5         0.6         6.0           15.0         7.5         0.6         6.0           12.0         8.0         0.7         7.1           20.0         8.0         0.7         7.1	[mm]         [mm]         [mm]         [mm]           8.0         7.0         0.5         5.0         L1-0.3           8.0         7.5         0.6         6.0         L1-0.3           10.0         7.5         0.6         6.0         L1-0.3           15.0         7.5         0.6         6.0         L1-0.3           12.0         8.0         0.7         7.1         L1-0.3           20.0         8.0         0.7         7.1         L1-0.3	[mm]         [mm]         [mm]         [mm]           8.0         7.0         0.5         5.0         L1-0.3         5.0           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           15.0         7.5         0.6         6.0         L1-0.3         6.0           12.0         8.0         0.7         7.1         L1-0.3         7.0           20.0         8.0         0.7         7.1         L1-0.3         7.0

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

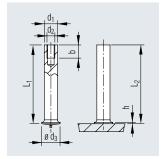
Weld studs with internal thread, cylindrical, smooth, Type IT, for capacitor discharge (CD) stud welding

## Material

A2 stainless steel







Internal thread Pin length d2 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.							
							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								
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							
20.0				L1-0.3		434 880 000							
	L1 [mm] 8.0 8.0 10.0 15.0 12.0 20.0	L1     d3 ±0.2       [mm]     [mm]       8.0     7.0       8.0     7.5       10.0     7.5       15.0     7.5       12.0     8.0       20.0     8.0	L1     d3 ±0.2     h       [mm]     [mm]     [mm]       8.0     7.0     0.5       8.0     7.5     0.6       10.0     7.5     0.6       15.0     7.5     0.6       12.0     8.0     0.7       20.0     8.0     0.7	L1         d3 ±0.2         h         d1           [mm]         [mm]         [mm]           8.0         7.0         0.5         5.0           8.0         7.5         0.6         6.0           10.0         7.5         0.6         6.0           15.0         7.5         0.6         6.0           12.0         8.0         0.7         7.1           20.0         8.0         0.7         7.1	L1         d3 ±0.2         h         d1         L2           [mm]         [mm]         [mm]         [mm]           8.0         7.0         0.5         5.0         L1-0.3           8.0         7.5         0.6         6.0         L1-0.3           10.0         7.5         0.6         6.0         L1-0.3           15.0         7.5         0.6         6.0         L1-0.3           12.0         8.0         0.7         7.1         L1-0.3           20.0         8.0         0.7         7.1         L1-0.3	L1         d3 ±0.2         h         d1         L2         b           [mm]         [mm]         [mm]         [mm]           8.0         7.0         0.5         5.0         L1-0.3         5.0           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           15.0         7.5         0.6         6.0         L1-0.3         6.0           12.0         8.0         0.7         7.1         L1-0.3         7.0           20.0         8.0         0.7         7.1         L1-0.3         7.0							

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