

## M3 Male to Female Brass PCB Spacers



### DESCRIPTION

5mm AF hexagonal male to female brass spacers with an M3 tapped hole and threaded stud.

### DISTINCTIVE FEATURES

- All sizes have undercut as standard
- No need for washers in assembly
- Flush fit

### APPLICATIONS

Mounting printed circuit boards or other panels on to a chassis. Ideal for applications where non-ferrous parts are required.

Brass

M-F

M3

Undercut



## GENERAL SPECIFICATION

Series	Brass PCB Spacers
Type	Male-Female (M-F) M3 thread
Across Flats (AF)	5mm
Stud Length	8mm



## MATERIALS

Material	Material acc. to DIN 17660: Cu Zn 39 Pb 3
Material Number	2.0401
Finish	Surface finish acc. to DIN 267: nickel plated (G 3 E)
Tensile Strength	Minimum 430 N/mm <sup>2</sup>
Elongation after fracture min. (%)	11



## CERTIFICATION AND STANDARDS

Material Specification	DIN 17660
Plating Specification	DIN 267
Undercut Specification	DIN 76-B



## ENVIRONMENTAL/OPERATING SPECIFICATION

Maximum Tightening Torque	0.5 Nm
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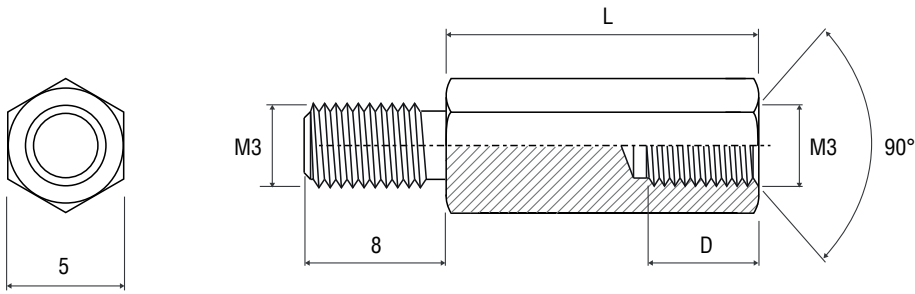
## OPTIONS

Lengths	Custom lengths are available
Material	E.g., steel, stainless steel, aluminium*
Undercut	Available without undercut
MOQ may apply	



## DIMENSIONS/DRAWINGS

Dimensions	mm
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## PART NUMBER TABLE

Part Number Units	Body Length (L) mm	Pack quantity (pieces)	Thread Depth (D) mm	Weight (per piece) g	EAN	UNSPSC	Country of origin
52-4405	5	25	3	1.028	5053556004218	31161816	Germany
52-4406	6	25	4	1.176	5053556004225	31161816	Germany
52-4407	8	25	5	1.4	5053556004232	31161816	Germany
52-4408	10	25	6	1.76	5053556004249	31161816	Germany
52-4409	12	25	7	1.988	5053556004256	31161816	Germany
52-4410	15	25	10	2.536	5053556004263	31161816	Germany
52-4411	16	25	10	2.7	5053556004270	31161816	Germany
52-4412	18	25	10	3.16	5053556004287	31161816	Germany
52-4413	20	25	10	3.448	5053556004294	31161816	Germany
52-4414	25	25	10	1.72	5053556004300	31161816	Germany
52-4415	30	25	10	5.36	5053556004317	31161816	Germany
52-4416	40	25	10	7.04	5053556004324	31161816	Germany

# R-TECH

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