

P16 and P28 have a wide range of tip styles and spring pressures for mechanical fixtures, 2.54mm centres P16 has 4.4mm travel. P28 has 5.3mm travel

SPECIFICATION

SERIES 16

PROBE P16

Recommended minimum centres: 2.54mm

MECHANICAL
 Full travel: 4.4mm
 Recommended working travel: 3.50mm

SPRING FORCE
 Preload: 0.25N 0.4N 0.4N 0.6N
 @ Working travel: 0.7N 1.0N 1.5N 3.0N

ELECTRICAL
 Max current: 3.0 amps
 Terminal resistance: <30m ohms

Recommended hole size: 1.7mm

Note: -00 spring force only available in certain tips

TIP STYLES

P16-A/A1/A2 P16-B/B2 P16-BT80/BT81 P16-C0/C1/C2/C3/C4 P16-D/D2/D5

P16-A/A1/A2
 A \varnothing 1.8
 A1 \varnothing 1.5
 A2 \varnothing 1.35

P16-B/B2
 B \varnothing 0.75
 B2 \varnothing 1.0

P16-BT80/BT81
 BT80 \varnothing 0.75
 BT81 \varnothing 1.0

P16-C0/C1/C2/C3/C4
 C0 \varnothing 1.0
 C1 \varnothing 1.8
 C2 \varnothing 2.4
 C3 \varnothing 3.5
 C4 \varnothing 1.5

P16-D/D2/D5
 D \varnothing 1.25
 D2 \varnothing 1.8
 D5 \varnothing 1.5

STEEL / BeCu STEEL STEEL STEEL / BeCu STEEL / BeCu

P16-D1/D3/D4 P16-D7† P16-E/E1/E3/E4/E6 P16-F P16-F1/F3

P16-D1/D3/D4
 D1 \varnothing 0.75
 D3 \varnothing 0.65
 D4 \varnothing 1.0

P16-D7†
 \varnothing 0.65
 OAL 24.6mm
 \varnothing 1.5

P16-E/E1/E3/E4/E6
 E \varnothing 1.8
 E1 \varnothing 1.5
 E3 \varnothing 3.0
 E4 \varnothing 2.5
 E6 \varnothing 4.0

P16-F
 \varnothing 1.8

P16-F1/F3
 F1 \varnothing 1.04
 F3 \varnothing 0.75

STEEL / BeCu STEEL STEEL / BeCu STEEL STEEL / BeCu

RECEPTACLES

RECEPTACLES

R16-C R16-P R16-S R16-W

Note: Receptacles: Various special types available, please request data

STEEL / BeCu STEEL STEEL / BeCu STEEL STEEL / BeCu

P16-B8 P16-H/H1/H0 P16-H5 P16-K P16-L

P16-B8
 \varnothing 0.38

P16-H/H1/H0
 H \varnothing 1.8
 H1 \varnothing 3.0
 H0 \varnothing 1.3

P16-H5
 \varnothing 1.0

P16-K
 K \varnothing 1.8

P16-L
 \varnothing 0.75

STEEL STEEL / BeCu STEEL / BeCu STEEL STEEL

P16-M1 P16-P P16-Q/Q1/Q2/Q3 P16-S

P16-M1
 \varnothing 1.45
 1.4

P16-P
 \varnothing 0.75

P16-Q/Q1/Q2/Q3
 Q \varnothing 1.5
 Q1 \varnothing 1.0
 Q2 \varnothing 1.8
 Q3 \varnothing 1.3

P16-S
 \varnothing 0.64
 1.6
 \varnothing 1.5

BeCu BeCu STEEL / BeCu BeCu

SPECIFICATION

SERIES 28

Recommended minimum centres: 2.54mm

PROBE P28 PROBE P28/5 PROBE P28/5R

MECHANICAL
 Full travel: 5.3mm
 Recommended working travel: 4.0mm

SPRING FORCE
 Preload: 0.35N 0.8N
 @ Working travel: 1.5N 3.0N

ELECTRICAL
 Max current: 3 amps
 Terminal resistance: <25m ohms

Recommended hole size: 2.0mm

P28-C5/INS-2 P28-D1/D2/D0 P28-D3/D4 P28-EB P28-F P28-FN P28-G1/G3 P28-H/H1/H2

P28-C5/INS-2
 \varnothing 1.8
 Nylon Insulator

P28-D1/D2/D0
 \varnothing 1.3
 D1 \varnothing 0.65
 D2 \varnothing 0.80
 D0 \varnothing 0.70

P28-D3/D4
 D3 \varnothing 2.0
 D4 \varnothing 1.5

P28-EB
 \varnothing 1.8

P28-F
 \varnothing 1.0

P28-FN
 \varnothing 0.63

P28-G1/G3
 G1 \varnothing 1.5
 G3 \varnothing 2.0
 60°

P28-H/H1/H2
 H \varnothing 1.4
 H1 \varnothing 2.0
 H2 \varnothing 1.8

BeCu STEEL BeCu STEEL STEEL / BeCu STEEL / BeCu

Note: The P28 Series uses R21 receptacles

P28 Tip Styles Green = P28 only
 Orange = P28 / P28/5 / P28/5R

PROBE ORDER CODE
P16 - B - 0
 Series Tip Style Spring Force

Note: Purple = Minimum order quantity

Note: Tip Material shown Black - Standard Stock Item Blue - Optional On Request

STEEL / BeCu STEEL STEEL STEEL STEEL