

Series 2021 • 1021

- Metric design
- Contacting of assembled PCBs
- Large selection of head styles
- Variable installation heights from various collar dimensions

Mechanical Data

| | |
|--------------------------------|---|
| Center | 2.54 mm/100 mil |
| Full Travel | 5.30 mm |
| Working Travel | 4.00 mm |
| Pre-loaded Spring Force | 0.30/ 0.40/ 0.50/ 0.70/ 1.00/ 1.00 N |
| Spring Force at Working Travel | 0.70/ 1.00/ 1.50/ 2.25/ 3.00/ 5.00 N |
| 1 | |

Electrical Data

| | |
|-------------------------------|-------------|
| Max. Current Rating | 5.0...8.0 A |
| Typical Continuity Resistance | <= 25 mOhm |

Materials

| | |
|------------|---------------------------|
| Barrel | Bronze/Brass, gold plated |
| Spring | Spring Steel, gold plated |
| Plunger | Steel, Plastic |
| Receptacle | Bronze, gold plated |

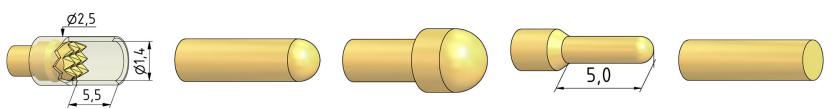
Recommended Diameter of Drill

| | |
|----------------------|---------|
| HP 2361.1 (Trolitax) | 1.99 mm |
| HGW 2372 | 2.00 mm |

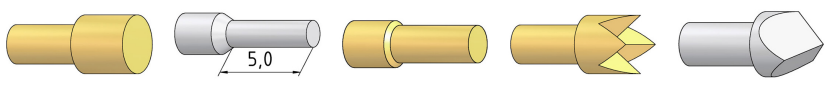
Tip style - Diameter - Plating



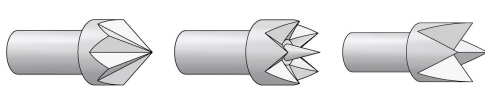
| A | B | BST | C | C15 |
|---------------|--|------------|--|---------------------|
| 2.00 Au/Ni/Rh | 0.65 Ni 0.80 Au/Ni/Rh 1.00 Au/Ni | 0.80 Au/Ni | 1.30 Au/Ni/Rh 1.50 Au 1.80 Au/Ni/Rh 2.00 Au/Ni 2.30 Rh 2.50 Ni 3.00 Rh | 1.20/2.00 Au/HTK |



| C55 | D | D | D1 | F |
|---------------------|--|---|--------------------|-------------------------------|
| 1.40/2.50 Au/HTK | 0.65 Au 0.65 Ni 0.80 Au 1.00 Au | 1.30 Au 1.30 Ni 1.40 Au 1.80 Ni 2.00 Au | 0.65 Au 0.65 Ni | 0.80 Au 1.00 Au 1.00 Ni |



| F | F1 | F4 | G | H |
|--|---------|---------|--|--------------------|
| 1.50 Au 1.80 Au 2.00 Au 2.00 Ni | 0.65 Ni | 0.80 Au | 1.30 Ni 1.80 Au 1.80 Rh 2.00 Au | 1.80 Rh 2.00 Rh |



| K | M | Q |
|-------------------------------|---------|-------------------------------|
| 1.15 Ni 1.75 Ni 2.00 Rh | 1.80 Rh | 1.00 Ni 1.30 Au 1.30 Ni |

| Serie | Collar Height X/mm | Extension Height Y/mm | Overall Length Z/mm |
|-------|--------------------|-----------------------|---------------------|
| 2021 | 2.0 | 10.5 | 32.3 |
| 2021 | 5.0 | 13.5 | 35.3 |
| 1021 | 7.0 | 15.5 | 37.3 |
| 1021 | 8.0 | 16.5 | 38.3 |
| 1021 | 9.0 | 17.5 | 39.3 |
| 1021 | 10.0 | 18.5 | 40.3 |

How to Order

2021/ 5 - F - 1.5 N - Au - 2.0
 1 2 3 4 5 6
 1. Series 2. Collar Height 3. Tip Style
 4. Spring Force 5. Tip Plating 6. Tip Diameter

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