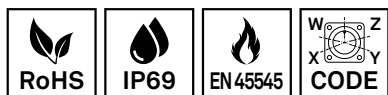


# Plug with threaded coupling nut

Series GT

Item number: GT60-32-1PN-EAC

Packing unit: 1



## MECHANICAL PROPERTIES

|                                           |                |
|-------------------------------------------|----------------|
| Size:                                     | 32             |
| Contact type:                             | Pin            |
| Number of coding options:                 | 4              |
| Number of contacts:                       | 5              |
| Number of contacts, size 0:               | 2              |
| Number of contacts, size 12:              | 3              |
| Shell material:                           | Aluminum alloy |
| Surface:                                  | Zinc           |
| Type of surface:                          | Passivated     |
| Thickness of surface treatment [ $\mu$ ]: | 12-15 $\mu$    |
| Surface colour:                           | Black          |
| Corrosion resistance [h]:                 | 200            |
| Operation temperature [ $^{\circ}$ C]:    | -55 - +90      |

## MECHANICAL PROPERTIES

Temperature shock [°C]: -55 - +125

Conductivity (MΩ):  $\leq 0.5$

Coupling-torque to lock [Nm]: max. 8.0

Coupling-torque to open [Nm]: min. 3.6

## THERMAL PROPERTIES

Material contact insert: Ethylene acrylate GXF

Operating temperature insert [°C]: -55 - +150

## ELECTRICAL PROPERTIES

|                                    |              |
|------------------------------------|--------------|
| Contact numbers:                   | A            |
| Operating voltage DC [V]:          | 1750         |
| Operating voltage AC [V]:          | 1250         |
| Test voltage AC [V]:               | 3500         |
| Insulation resistance (mΩ):        | ≥ 5000       |
| Insulation creepage distance [mm]: | ≥ 6.3        |
| Voltage class:                     | MIL-DTL-5015 |
| Contact numbers:                   | Rest         |
| Operating voltage DC [V]:          | 1250         |
| Operating voltage AC [V]:          | 900          |
| Test voltage AC [V]:               | 2800         |
| Insulation resistance (mΩ):        | ≥ 5000       |
| Insulation creepage distance [mm]: | ≥ 4.8        |
| Voltage index:                     | MIL-DTL-5015 |

## ELECTRICAL PROPERTIES CONTACTS

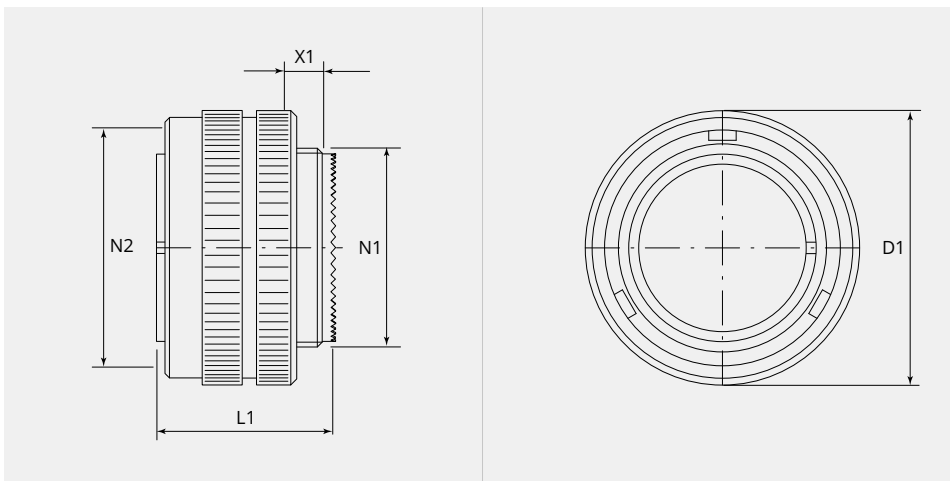
|                                             |     |
|---------------------------------------------|-----|
| Size 0 - rated current (continuous) [A]:    | 200 |
| Size 0 - maximum current (short-term) [A]:  | 300 |
| Size 0 - test current [A]:                  | 240 |
| Size 12 - rated current (continuous) [A]:   | 23  |
| Size 12 - maximum current (short-term) [A]: | 41  |
| Size 12 - test current [A]:                 | 35  |

## STANDARDS

Fire protection class EN 45545-2:

R23/HL3

## DIMENSIONS



## DIMENSIONS

|            |                 |
|------------|-----------------|
| D1 Ø [mm]: | 57              |
| L1 [mm]:   | 38.0            |
| N1:        | 1 7/8"-16 UN 2A |
| N2:        | 2"-18 UNS 2B    |
| X1 [mm]:   | 10.5            |

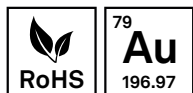
- Please contact your Gimota partner for other shell materials, surface coatings or contact insert materials.
- Voltage classes tested acc. MIL-DTL-5015 Power transmission verification acc. VG95234 / 2 test 5.10.1 and VG95210 / 37
- Corrosion resistance tested acc. MIL 1344A Test 101.1 Temperature shock tested acc. MIL 202F, 107G Method Electrical conductivity acc. MIL 1344A, Test 3007

## Pin contact size 12, 2.5mm<sup>2</sup>

Item number: 10-40561-22AU

Product weight (kg): 0.0023 kg

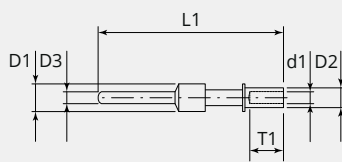
Packing unit:



### MECHANICAL PROPERTIES CONTACTS

|                                   |                    |
|-----------------------------------|--------------------|
| Contact type:                     | Pin                |
| Maximum current (short-term) [A]: | 41                 |
| Test current [A]:                 | 35                 |
| Rated current (continuous) [A]:   | 23                 |
| Contact Material:                 | CU alloy           |
| Protective layer:                 | Gold plated, 0.5µm |
| Connection type:                  | Crimp              |
| Wire section [mm <sup>2</sup> ]:  | 2.5                |
| Wire section [AWG]:               | 14                 |
| Stripping length [mm]:            | 9                  |

## DIMENSIONS



## DIMENSIONS

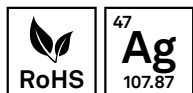
|            |      |
|------------|------|
| D1 Ø [mm]: | 4.8  |
| D2 Ø [mm]: | 3.95 |
| D3 Ø [mm]: | 2.4  |
| d1 Ø [mm]: | 2.25 |
| L1 [mm]:   | 38   |
| T1 [mm]:   | 8.5  |

## Pin contact size 0, 50mm<sup>2</sup>

Item number: 10-660-0-502G10

Product weight (kg): 0.0441 kg

Packing unit:

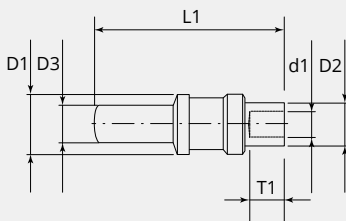


### MECHANICAL PROPERTIES CONTACTS

|                                   |                      |
|-----------------------------------|----------------------|
| Contact type:                     | Pin                  |
| Maximum current (short-term) [A]: | 245                  |
| Test current [A]:                 | 200                  |
| Rated current (continuous) [A]:   | 150                  |
| Contact Material:                 | CU alloy             |
| Protective layer:                 | Silver plated, 3.5µm |
| Connection type:                  | Crimp                |
| Wire section [mm <sup>2</sup> ]:  | 50                   |
| Wire section [AWG]:               | 0                    |
| Stripping length [mm]:            | 22                   |



## DIMENSIONS



## DIMENSIONS

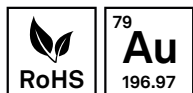
|            |      |
|------------|------|
| D1 Ø [mm]: | 15   |
| D2 Ø [mm]: | 14.6 |
| D3 Ø [mm]: | 9    |
| d1 Ø [mm]: | 10.5 |
| L1 [mm]:   | 56   |
| T1 [mm]:   | 20.5 |

## Pin contact size 12, 0.75 - 1.0mm<sup>2</sup>

Item number: 10-40561-15AU

Product weight (kg): 0.0022 kg

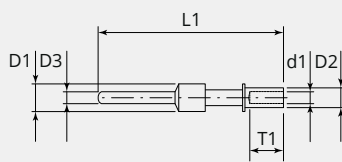
Packing unit:



### MECHANICAL PROPERTIES CONTACTS

|                                   |                    |
|-----------------------------------|--------------------|
| Contact type:                     | Pin                |
| Maximum current (short-term) [A]: | 41                 |
| Test current [A]:                 | 35                 |
| Rated current (continuous) [A]:   | 23                 |
| Contact Material:                 | CU alloy           |
| Protective layer:                 | Gold plated, 0.5µm |
| Connection type:                  | Crimp              |
| Wire section [mm <sup>2</sup> ]:  | 0.75 - 1.0         |
| Wire section [AWG]:               | 22 - 18            |
| Stripping length [mm]:            | 9                  |

## DIMENSIONS



## DIMENSIONS

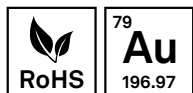
|            |      |
|------------|------|
| D1 Ø [mm]: | 4.8  |
| D2 Ø [mm]: | 3.35 |
| D3 Ø [mm]: | 2.4  |
| d1 Ø [mm]: | 1.45 |
| L1 [mm]:   | 38   |
| T1 [mm]:   | 8.5  |

## Pin contact size 12, 1.5mm<sup>2</sup>

Item number: 10-40561-18AU

Product weight (kg): 0.0024 kg

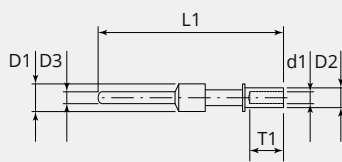
Packing unit:



### MECHANICAL PROPERTIES CONTACTS

|                                   |                    |
|-----------------------------------|--------------------|
| Contact type:                     | Pin                |
| Maximum current (short-term) [A]: | 41                 |
| Test current [A]:                 | 35                 |
| Rated current (continuous) [A]:   | 23                 |
| Contact Material:                 | CU alloy           |
| Protective layer:                 | Gold plated, 0.5µm |
| Connection type:                  | Crimp              |
| Wire section [mm <sup>2</sup> ]:  | 1.5                |
| Wire section [AWG]:               | 18 - 16            |
| Stripping length [mm]:            | 9                  |

## DIMENSIONS



## DIMENSIONS

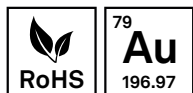
|            |      |
|------------|------|
| D1 Ø [mm]: | 4.8  |
| D2 Ø [mm]: | 3.95 |
| D3 Ø [mm]: | 2.4  |
| d1 Ø [mm]: | 1.75 |
| L1 [mm]:   | 38   |
| T1 [mm]:   | 8.5  |

# Pin contact size 12, 0.5mm<sup>2</sup>

Item number: 10-40561-11AU

Product weight (kg): 0.0022 kg

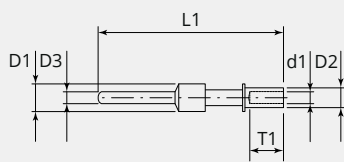
Packing unit:



## MECHANICAL PROPERTIES CONTACTS

|                                   |                    |
|-----------------------------------|--------------------|
| Contact type:                     | Pin                |
| Maximum current (short-term) [A]: | 41                 |
| Test current [A]:                 | 35                 |
| Rated current (continuous) [A]:   | 23                 |
| Contact Material:                 | CU alloy           |
| Protective layer:                 | Gold plated, 0.5µm |
| Connection type:                  | Crimp              |
| Wire section [mm <sup>2</sup> ]:  | 0.5                |
| Wire section [AWG]:               | 20                 |
| Stripping length [mm]:            | 9                  |

## DIMENSIONS



## DIMENSIONS

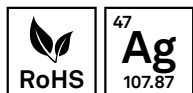
|            |     |
|------------|-----|
| D1 Ø [mm]: | 4.8 |
| D2 Ø [mm]: | 3   |
| D3 Ø [mm]: | 2.4 |
| d1 Ø [mm]: | 1.1 |
| L1 [mm]:   | 38  |
| T1 [mm]:   | 8.5 |

## Pin contact size 0, 16mm<sup>2</sup>

Item number: 10-660-0-162G62

Product weight (kg): 0.0334 kg

Packing unit:

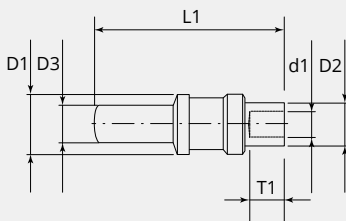


### MECHANICAL PROPERTIES CONTACTS

|                                   |                      |
|-----------------------------------|----------------------|
| Contact type:                     | Pin                  |
| Maximum current (short-term) [A]: | 245                  |
| Test current [A]:                 | 200                  |
| Rated current (continuous) [A]:   | 150                  |
| Contact Material:                 | CU alloy             |
| Protective layer:                 | Silver plated, 3.5µm |
| Connection type:                  | Crimp                |
| Wire section [mm <sup>2</sup> ]:  | 16                   |
| Stripping length [mm]:            | 17                   |



## DIMENSIONS



## DIMENSIONS

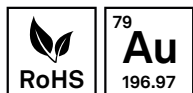
|            |     |
|------------|-----|
| D1 Ø [mm]: | 15  |
| D2 Ø [mm]: | 9.3 |
| D3 Ø [mm]: | 9   |
| d1 Ø [mm]: | 6.2 |
| L1 [mm]:   | 51  |
| T1 [mm]:   | 17  |

## Pin contact size 12, 4.0mm<sup>2</sup>

Item number: 10-40561-30AU

Product weight (kg): 0.0025 kg

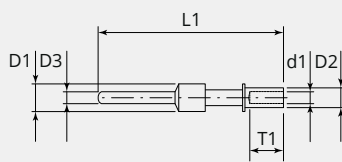
Packing unit:



### MECHANICAL PROPERTIES CONTACTS

|                                   |                    |
|-----------------------------------|--------------------|
| Contact type:                     | Pin                |
| Maximum current (short-term) [A]: | 41                 |
| Test current [A]:                 | 35                 |
| Rated current (continuous) [A]:   | 23                 |
| Contact Material:                 | CU alloy           |
| Protective layer:                 | Gold plated, 0.5µm |
| Connection type:                  | Crimp              |
| Wire section [mm <sup>2</sup> ]:  | 4                  |
| Wire section [AWG]:               | 12 - 10            |
| Stripping length [mm]:            | 9                  |

## DIMENSIONS



## DIMENSIONS

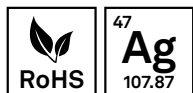
|            |      |
|------------|------|
| D1 Ø [mm]: | 4.8  |
| D2 Ø [mm]: | 4.75 |
| D3 Ø [mm]: | 2.4  |
| d1 Ø [mm]: | 2.95 |
| L1 [mm]:   | 38   |
| T1 [mm]:   | 8.5  |

## Pin contact size 0, 35mm<sup>2</sup>

Item number: 10-660-0-352G89

Product weight (kg): 0.0402 kg

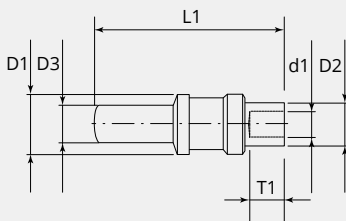
Packing unit:



### MECHANICAL PROPERTIES CONTACTS

|                                   |                      |
|-----------------------------------|----------------------|
| Contact type:                     | Pin                  |
| Maximum current (short-term) [A]: | 245                  |
| Test current [A]:                 | 200                  |
| Rated current (continuous) [A]:   | 150                  |
| Contact Material:                 | CU alloy             |
| Protective layer:                 | Silver plated, 3.5µm |
| Connection type:                  | Crimp                |
| Wire section [mm <sup>2</sup> ]:  | 35                   |
| Wire section [AWG]:               | 2 - 1                |
| Stripping length [mm]:            | 18                   |

## DIMENSIONS



## DIMENSIONS

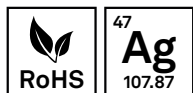
|            |     |
|------------|-----|
| D1 Ø [mm]: | 15  |
| D2 Ø [mm]: | 13  |
| D3 Ø [mm]: | 9   |
| d1 Ø [mm]: | 8.9 |
| L1 [mm]:   | 53  |
| T1 [mm]:   | 19  |

# Pin contact size 0, 25mm<sup>2</sup>

Item number: 10-660-0-252G76

Product weight (kg): 0.0376 kg

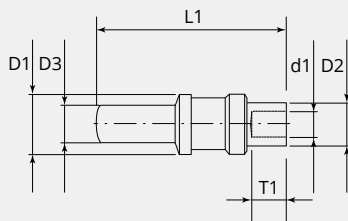
Packing unit:



## MECHANICAL PROPERTIES CONTACTS

|                                   |                      |
|-----------------------------------|----------------------|
| Contact type:                     | Pin                  |
| Maximum current (short-term) [A]: | 245                  |
| Test current [A]:                 | 200                  |
| Rated current (continuous) [A]:   | 150                  |
| Contact Material:                 | CU alloy             |
| Protective layer:                 | Silver plated, 3.5µm |
| Connection type:                  | Crimp                |
| Wire section [mm <sup>2</sup> ]:  | 25                   |
| Stripping length [mm]:            | 18                   |

## DIMENSIONS



## DIMENSIONS

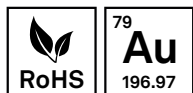
|            |      |
|------------|------|
| D1 Ø [mm]: | 15   |
| D2 Ø [mm]: | 11.7 |
| D3 Ø [mm]: | 9    |
| d1 Ø [mm]: | 7.6  |
| L1 [mm]:   | 52   |
| T1 [mm]:   | 17   |

## Pin contact size 12, 6.0mm<sup>2</sup>

Item number: 10-40561-38AU

Product weight (kg): 0.0023 kg

Packing unit:

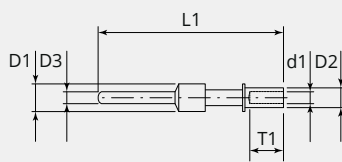


### MECHANICAL PROPERTIES CONTACTS

|                                   |                    |
|-----------------------------------|--------------------|
| Contact type:                     | Pin                |
| Maximum current (short-term) [A]: | 41                 |
| Test current [A]:                 | 35                 |
| Rated current (continuous) [A]:   | 23                 |
| Contact Material:                 | CU alloy           |
| Protective layer:                 | Gold plated, 0.5µm |
| Connection type:                  | Crimp              |
| Wire section [mm <sup>2</sup> ]:  | 6                  |
| Wire section [AWG]:               | 10                 |
| Stripping length [mm]:            | 9                  |



## DIMENSIONS



## DIMENSIONS

|            |      |
|------------|------|
| D1 Ø [mm]: | 4.8  |
| D2 Ø [mm]: | 4.75 |
| D3 Ø [mm]: | 2.4  |
| d1 Ø [mm]: | 3.5  |
| L1 [mm]:   | 38   |
| T1 [mm]:   | 8.5  |