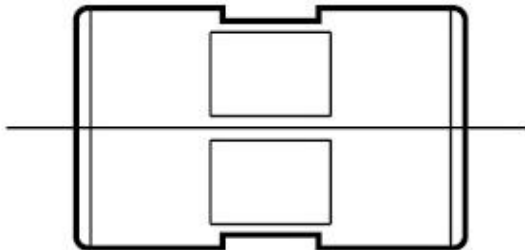


## TILOK TKT connectors

### Straight connectors pipe-pipe

Item codes : from 387870 to 387875



#### SUMMARY

#### PAGES

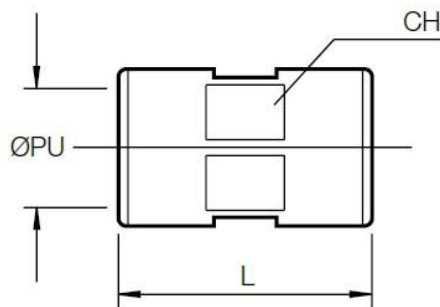
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### 1. DESCRIPTION AND APPLICATIONS

Straight metal patented connector with fast coupling system to connect two metal rigid pipes. Suitable for most applications it ensures the connection of pipes with high mechanical and thermal performances, high resistance to traction and torque and a good resistance to vibration. Used together with TAZ or TAIX conduits and it guarantees an IP68 protection index with a good tightening and a fast patented coupling system. It's the ideal solution for energy, signal or power distribution in industrial, commercial, infrastructures and residential applications.

### 2. DIMENSIONS AND COMPATIBILITY

#### Dimensions and packaging:



Item TKT	Conduit diameter [mm]*	Dimensions [mm]			Pack [pcs]
		ØPU	CH	L	
387870	16	14,0	24,0	49,0	10
387871	20	18,0	28,0	50,0	10
387872	25	22,6	33,0	53,0	5
387873	32	29,6	40,0	56,0	5
387874	40	37,6	50,0	60,0	3
387875	50	47,6	59,0	64,0	2

\* External diameter of the pipe

#### Compatibility:

Conduits TAZ and TAIX series, metal accessories and equipments.



#### Patent:

All the TILOK connectors have a patented quick system to be coupled with the rigid metal pipes. The patented quick system works without any tools and ensures a protection index IP68 (used with TAZ or TAIX conduits).

**PATENT  
LEGRAND**

### 3. TECHNICAL FEATURES

#### Raw material:

Body: nickel plated brass UNI EN 12164 CW 614N with nickel plating  $2 \div 5 \mu\text{m}$ .

Gasket: Thermosetting elastomeric.

#### Resistance to corrosion:

Represents the resistance to corrosion in different environments: all TILOK connectors have been subjected to the corrosion tests.

Resistance to corrosion in neutral saline mist in according to UNI ISO 9227 (pluviometric index 1,8 ml/hours): no signs of corrosion after 192 hours.

Resistance to corrosion in constant damp humidity in according to DIN 50017 SK (conditions: 38 °C / 100 °F with 100% of relative humidity): no signs of corrosion after 1000 hours.

## Straight connectors pipe-pipe

### Operating temperature:

Minimum: -25° C / -13° F  
Maximum: +150° C / +302° F








### Electric properties:

Electric continuity guaranteed.

### IP protection index:

IP68 with TAZ and TAIX series conduits.

1 <sup>st</sup> digit IP	
Protection against the ingress of solid bodies	
<b>0</b>	No protection
 <b>1</b>	Protection against solid bodies larger than 50 mm (e.g.: accidental contact)
 <b>2</b>	Protection against solid bodies larger than 12 mm (e.g.: finger)
 <b>3</b>	Protection against solid bodies larger than 2.5 mm
 <b>4</b>	Protection against solid bodies larger than 1 mm
 <b>5</b>	Protection against dust
 <b>6</b>	Complete protection against dust

2 <sup>nd</sup> digit IP	
Protection against the ingress of liquids	
 <b>2</b>	Protection against drops of water falling at up to 15° from the vertical
 <b>3</b>	Protection against drops of rain water at up to 60° from the vertical
 <b>4</b>	Protection against sprays of water from all directions
 <b>5</b>	Protection against jets of water from all directions
 <b>6</b>	Protection against jets of water of similar force to heavy seas
 <b>7</b>	Protection against the effects of immersion
 <b>8</b>	Protection against prolonged effects of immersion under pressure

## 4. ENVIRONMENTAL PROFILE

All the items identified in this technical sheet respect in terms of concentration of substances and raw materials the European legislations about dangerous and forbidden substances and chemical preparations.

## 5. CONFORMITY AND APPROVALS



All the items identified in this technical sheet are compliant to all the requirements and the regulations currently in force in the European Union about safety, health and environmental issues.



IMQ mark: items from 387870 to 387875.



RINA mark: items from 387870 to 387875.

For technical documentation, test reports, commercial information or any other needs please refer to the local LEGRAND office.