

# DYROS 90

Brass connectors with 9 mm passage capacity\* for water, grease, air, oil etc. ....

- developed specifically for coolants in plastic tools

Today Dyros 90 can be found everywhere:

- on plastic moulds
- on compressed-air plants
- on oxygen and gas cylinders
- in operating rooms
- and in numerous other places

In short, Dyros can be found wherever small dimensions, reliability and safety are a must.

All connectors have built-in valves that are perfectly tight even at very low pressure.

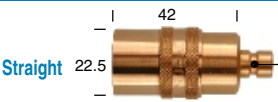
A locking device is automatically released upon engagement, so that the connector can be operated by one hand.

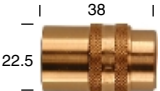
| Connectors with hose fitting                            |                      | 3/8" (9,5 <sup>o</sup> )                    | 7/16" (11 <sup>o</sup> )                    | 1/2" (12,7 <sup>o</sup> )                      | 5/8" (15,85 <sup>o</sup> )                  |   |   |
|---|----------------------|---|---|--|---|---|---|
| Straight<br>90°<br>45°                                  |                      | Art. No. LK 916<br>*Clearance 7 mm          | Art. No. LK 911                             | Art. No. LK 918                                | Art. No. LK 958                             |   |   |
|   |                      |   | Art. No. VK 911/90                          | Art. No. VK 918/90                             |   |   |   |
|   |                      |   | Art. No. VK 911/45                          | Art. No. VK 918/45                             |   |   |   |
| Connectors with internal thread                         |                      | BSP1/4"                                     | BSP3/8"                                     | BSP1/2"  | M14x1.5                                     | M16x1.5                                     | M18x1.5                                     |
| Straight  |                      | Art. No. LKR 914<br>(HEX = 21)              | Art. No. LKR 938<br>(HEX = 21)              | Art. No. LKR 912<br>(HEX = 24)                 | Art. No. LKM 945<br>(HEX = 21)              | Art. No. LKM 965<br>(HEX = 21)              | Art. No. LKM 985<br>(HEX = 21)              |
| Connectors with external thread                         |                      | BSP1/4"                                     | BSP3/8"                                     | BSP1/2"  | M14x1.5                                     | M16x1.5                                     | M18x1.5                                     |
| Straight<br>90°<br>45°                                  |                      | Art. No. LKUR 914<br>(L = 53)<br>(HEX = 21) | Art. No. LKUR 938<br>(L = 53)<br>(HEX = 21) | Art. No. LKUR 912<br>(L = 53)<br>(HEX = 21)    | Art. No. LKUM 945<br>(L = 53)<br>(HEX = 21) | Art. No. LKUM 965<br>(L = 53)<br>(HEX = 21) | Art. No. LKUM 985<br>(L = 53)<br>(HEX = 21) |
|   |                      |   |   | Art. No. LKUR 938/38<br>(L = 38)<br>(HEX = 22) |   |   |   |
|   |                      | Art. No. VKUR 914/90                        | Art. No. VKUR 938/90                        |  | Art. No. VKUM 945/90                        | Art. No. VKUM 965/90                        | Art. No. VKUM 985/90                        |
|   | Art. No. VKUR 914/45 | Art. No. VKUR 938/45                        |   | Art. No. VKUM 945/45                           | Art. No. VKUM 965/45                        | Art. No. VKUM 985/45                        |   |
| Connector with external thread BSP1/2" and hose fitting |                      | 1/2" (12,7 <sup>o</sup> )                   |   |  |   |   |   |
| Straight  |                      |   |   | Art. No. LKUR 912/18                           |   |   |   |

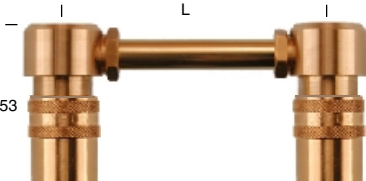
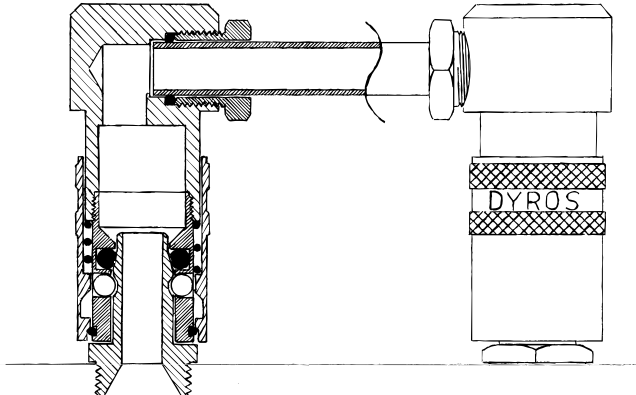
# DYROS 90

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- developed specifically for coolants in plastic tools

| Adaptor connector with nipple fitting serie:   | 30                  | 40                  | 6                   | 80                  |
|--|---------------------|---------------------|---------------------|---------------------|
|  <p>Straight 22.5</p> | Art. No. LK 900/300 | Art. No. LK 900/400 | Art. No. LK 900/600 | Art. No. LK 900/800 |

| Connector - Blind   |                 |
|---|-----------------|
|  <p>22.5</p> | Art. No. BK 900 |

| Connector bridge with two connectors and interconnecting brass tube                           |                                |                                |                                |
|---|--------------------------------|--------------------------------|--------------------------------|
|  <p>53</p> | Art. No. LKD 981/125 (L = 125) | Art. No. LKD 981/250 (L = 250) | Art. No. LKD 981/500 (L = 500) |
|            |                                |                                |                                |

## Dyros products are unimpeachable quality - down to the smallest detail

The connectors are manufactured from solid brass (CuZn39Pb3). locking rings, springs and the 6 locking balls are made of stainless steel. The O-ring seals are made of a VITON quality FPM 137449 which withstands temperatures between -25° to +200° C (230° C for brief periods). VITON FPM 137449 is chemically resistant to mineral oil and grease, most acids and bases, petrol and hydrocarbons such as methane, propane, ethylene, acetylene, etc. FPM 137449 is peroxide vulcanized and especially resistant to water emulsions, hot water and steam.

The connectors on these two pages are also made without valve (OV).

Order e.g. with valve no. LK 918. Without valve order no. LK 918OV.

The Thread BSP corresponds to G1/8" - G 1/4" - G 3/8" - G 1/2"

All connectors on this page can also be delivered with coloured red and blue caps.

Order e.g. valve no. LK 918R = red cap



LK 918B = blue cap

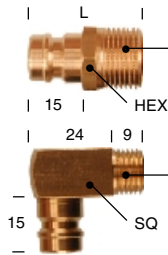


# DYROS 90

Brass nipples with  
9 mm passage capacity\*  
for water, grease, air, oil  
etc. ....

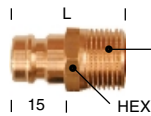
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## Nipples with external thread



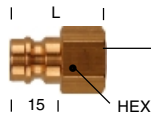
| BSP1/8"  | BSP1/4"  | BSP3/8"  | BSP1/2"                                     | M10x1   | M10x1.5   | M14x1.5  | M16x1.5  |
|--|--|--|---|---|---|--|--|
| Art. No.<br>N 918<br>(L = 27)<br>(HEX = 14)<br>* Clearance 6 mm      | Art. No.<br>N 914<br>(L = 27)<br>(HEX = 14)      | Art. No.<br>N 938<br>(L = 31)<br>(HEX = 17)      | Art. No.<br>N 912<br>(L = 32)<br>(HEX = 22) | Art. No.<br>N 910<br>(L = 27)<br>(HEX = 14)<br>* Clearance 6 mm | Art. No.<br>N 910/1.5<br>(L = 27)<br>(HEX = 14)<br>* Clearance 6 mm | Art. No.<br>N 945<br>(L = 27)<br>(HEX = 14)      | Art. No.<br>N 965<br>(L = 31)<br>(HEX = 17)      |
|  | Art. No.<br>VN 914<br>(SQ = 14)                  | Art. No.<br>VN 938<br>(SQ = 17)                  |   |   |   | Art. No.<br>VN 945<br>(SQ = 14)                  | Art. No.<br>VN 965<br>(SQ = 17)                  |
| Art. No.<br>N 918/100<br>(L = 100)<br>(HEX = 14)<br>* Clearance 6 mm | Art. No.<br>N 914/100<br>(L = 100)<br>(HEX = 14) | Art. No.<br>N 938/100<br>(L = 100)<br>(HEX = 17) |   |   |   | Art. No.<br>N 945/100<br>(L = 100)<br>(HEX = 14) | Art. No.<br>N 965/100<br>(L = 100)<br>(HEX = 17) |

## Nipples with ext. thread and valve



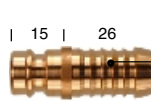
| BSP1/4"                                      | BSP3/8"                                      | M14x1.5                                      | M16x1.5                                      |
|--|--|--|--|
| Art. No.<br>N 914V<br>(L = 29)<br>(HEX = 14) | Art. No.<br>N 938V<br>(L = 31)<br>(HEX = 17) | Art. No.<br>N 945V<br>(L = 29)<br>(HEX = 14) | Art. No.<br>N 965V<br>(L = 31)<br>(HEX = 17) |

## Nipples with internal thread



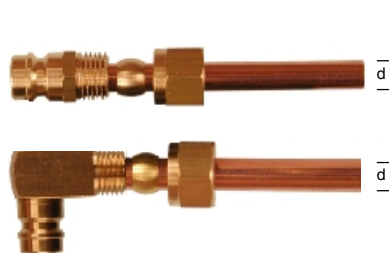
| BSP1/8"                                      | BSP1/4"                                      | BSP3/8"                                      | BSP1/2"                                      |
|--|--|--|--|
| Art. No.<br>NI 918<br>(L = 27)<br>(HEX = 14) | Art. No.<br>NI 914<br>(L = 27)<br>(HEX = 17) | Art. No.<br>NI 938<br>(L = 27)<br>(HEX = 20) | Art. No.<br>NI 912<br>(L = 28)<br>(HEX = 24) |

## Nipples with hose fitting



| 3/8" (9,5 <sup>o</sup> )              | 1/2" (12,7 <sup>o</sup> ) |
|---------------------------------------|---------------------------|
| Art. No.<br>N 926<br>* Clearance 7 mm | Art. No.<br>N 928         |

## Nipples with compression ring for copper tube



| d = 8 mm              | 10 mm                  |
|-----------------------|------------------------|
| Art. No.<br>N 914/K8  | Art. No.<br>N 938/K10  |
| Art. No.<br>VN 914/K8 | Art. No.<br>VN 938/K10 |

## Nipples with 14 mm brass tube



| L = 70mm             | 150mm                 | 300mm                 | 450mm                 |
|----------------------|-----------------------|-----------------------|-----------------------|
| Art. No.<br>N 908/70 | Art. No.<br>N 908/150 | Art. No.<br>N 908/300 | Art. No.<br>N 908/450 |

## Double nipples



| Series 90 to 90     | 90 to 6                |
|---------------------|------------------------|
| Art. No.<br>N 900/D | Art. No.<br>N 600/900D |