

# DYROS



# DYROS



## Safety Connector

The Safety Connector is available in all sizes:  
Series 6, 10, 30, 40, 80 and 90.

By rotating the knurled safety ring it is impossible to release the valve by operating the outer jacket.

In this simple way it is no more possible to release the connector unintentionally.

A special profile is applied to the safety ring's internal thread to secure easy operation even after prolonged engagement.

## Stannizised Connector for corrosive environments



The Stannizised Connector and nipple is available in all sizes: Series 6, 10, 30, 40, 80 and 90.

A new surface coating - **STANNIZATION** - makes the DYROS connector well suited for operation in corrosive environments.

Applications of stannizised connectors in laboratories and food processing plants has proven a prolonged life cycle of up to 50% compared to a normal, solid brass connector.

Stannizised connectors are in many applications as good a choice as stainless connectors and nipples - and by far cheaper !

# DYROS connectors

## With Push Lock Hose Fitting



DYROS - connectors can be delivered with  
**PUSH LOCK** hose fitting



Size 3/8" and 1/2" in the following series:  
Series 6, Series 10, Series 30, Series 40, Series 90

+

Safety connectors in the same series



Write "S" after the number you order

# DYROS 6

- developed specifically for coolants in plastic tools

Today Dyros 6 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.

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

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

Push Lock  
hose fitting

## Connectors with hose fitting

|          |      | 1/4" (6,3°)        | 5/16" (8°)         | 3/8" (9,5°)        | 1/2" (12,7°)    | 3/8" (9,5°)         |
|----------|------|--------------------|--------------------|--------------------|-----------------|---------------------|
| Straight | 17.5 | Art. No. LK 614    | Art. No. LK 615    | Art. No. LK 616    | Art. No. LK 618 | Art. No. LK 616     |
|          |      | *Clearance 4 mm    |                    |                    |                 |                     |
|          | 90°  | Art. No. VK 614/90 | Art. No. VK 615/90 | Art. No. VK 616/90 |                 | Art. No. VKS 616/90 |
| 45°      | 17.5 | Art. No. VK 614/45 | Art. No. VK 615/45 | Art. No. VK 616/45 |                 | Art. No. VKS 616/45 |
|          |      | *Clearance 4 mm    |                    |                    |                 |                     |

## Connectors with internal thread

|          |      | BSP1/8"                        | BSP1/4"                        | BSP3/8"                        | M10x1                          | M14x1,5 | M16x1,5 |
|----------|------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------|---------|
| Straight | 17.5 | Art. No. LKR 618<br>(HEX = 17) | Art. No. LKR 614<br>(HEX = 17) | Art. No. LKR 638<br>(HEX = 20) | Art. No. LKM 610<br>(HEX = 17) |         |         |
|          |      |                                |                                |                                |                                |         |         |

## Connectors with external thread

|          |      | BSP1/8"                                     | BSP1/4"                                        | BSP3/8"                                        | M10x1                                       | M14x1,5                                     | M16x1,5                                    |
|----------|------|---------------------------------------------|------------------------------------------------|------------------------------------------------|---------------------------------------------|---------------------------------------------|--------------------------------------------|
| Straight | 17.5 | Art. No. LKUR 618<br>(L = 47)<br>(HEX = 17) | Art. No. LKUR 614<br>(L = 47)<br>(HEX = 17)    | Art. No. LKUR 638<br>(L = 47)<br>(HEX = 17)    | Art. No. LKUM 610<br>(L = 47)<br>(HEX = 17) | Art. No. LKUM 645<br>(L = 47)<br>(HEX = 17) | Art. No. LKUM 665<br>(L = 47)<br>(NV = 17) |
|          |      |                                             | Art. No. LKUR 614/38<br>(L = 38)<br>(HEX = 20) | Art. No. LKUR 638/38<br>(L = 38)<br>(HEX = 20) |                                             |                                             |                                            |
|          | 90°  | Art. No. VKUR 618/90                        | Art. No. VKUR 614/90                           | Art. No. VKUR 638/90                           |                                             | Art. No. VKUM 645/90                        | Art. No. VKUM 665/90                       |
| 45°      | 17.5 | Art. No. VKUR 618/45                        | Art. No. VKUR 614/45                           | Art. No. VKUR 638/45                           |                                             | Art. No. VKUM 645/45                        | Art. No. VKUM 665/45                       |
|          |      |                                             |                                                |                                                |                                             |                                             |                                            |

## Connectors with hose fitting 3/8" (9,5°) and external thread

|          |      | BSP1/4"              | BSP3/8"              |  |  |  |
|----------|------|----------------------|----------------------|--|--|--|
| Straight | 17.5 | Art. No. LKUR 614/16 | Art. No. LKUR 638/16 |  |  |  |
|          |      |                      |                      |  |  |  |

# DYROS 6

- developed specifically for coolants in plastic tools

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

Adaptor connector with nipple fitting for series: 30 40 90



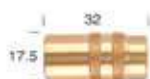
Art. No.  
LK600/300

Art. No.  
LK600/400

Art. No.  
LK600/900

Connector - Blind

Serie 6

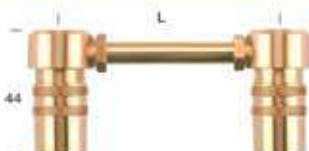


Art. No.  
BK600

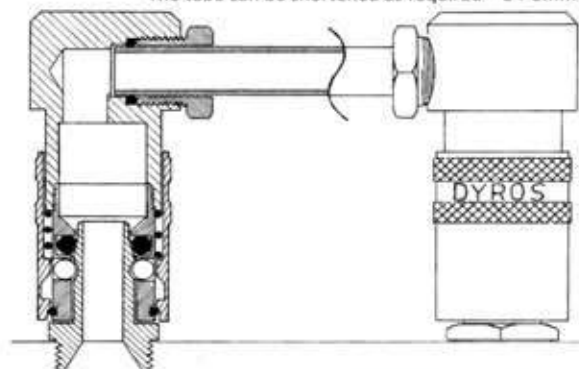
Connector bridge with two connectors and interconnecting brass tube

Art. No.

Art. No.  
TUBE



The tube can be shortened as required  $\approx L \pm 3\text{mm}$



LKD668/125

(L = 125)

LKD 36870032

LKD668/250

(L = 250)

LKD 36871032

LKD668/500

(L = 500)

LKD 36872032

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. Max pressures: 10 Bar.

The O-ring seals are made of a Viton quality Type FPM 137449, Which withstands temperatures between  $\pm 25^\circ$  og  $+200^\circ$  VITON FPM 137449 is chemically resistat 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 OV after Art. No.  
e.g.: LK 616OV.

The Thread BSP corresponds to  
G1/8" - G1/4" - G3/8".

Nito products made of brass contain Pb (lead) above 0,1 % w/w. Lead (Pb, CAS: 7439-92-1) is at the REACH SVHC candidate list

All connectors can also be delivered with red, blue and green caps. Order R - B - or G after Art. No. e.g.:

LK 616R = red cap  
LK 616OVR

LK 616B = blue cap  
LK 616OVB

LK 616G = green cap  
LK 616OVG



# SAFETY CONNECTORS

# DYROS 6

- developed specifically for coolants in plastic tools

Today Dyros 6 can be found everywhere:

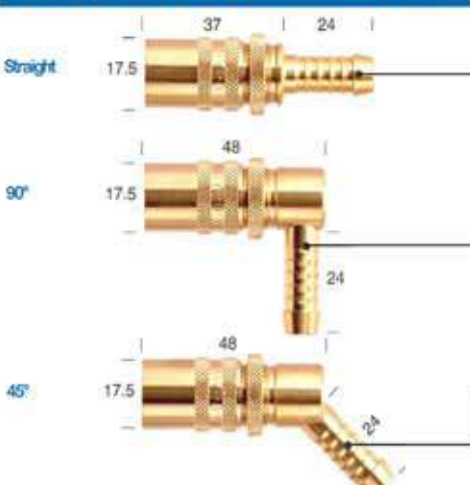
- on plastic moulds
- on compressed-air plants
- on oxygen and gas cylinders
- in operating rooms
- and in numerous other places

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

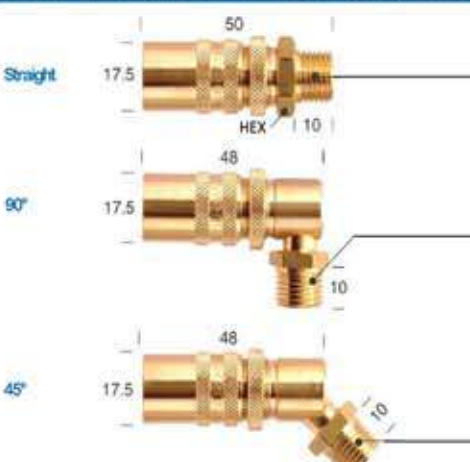
All connectors have built-in valves that are perfectly tight even at very low pressure.

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

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

| Safety connectors with hose fitting                                               |  |  |  | Push Lock hose fitting  |                          |                         |
|-----------------------------------------------------------------------------------|--|--|--|-------------------------|--------------------------|-------------------------|
|                                                                                   |  |  |  | 3/8"(9,5 <sup>ø</sup> ) | 1/2"(12,7 <sup>ø</sup> ) | 3/8"(9,5 <sup>ø</sup> ) |
|  |  |  |  | Art. No.<br>SLK 616     | Art. No.<br>SLK 618      | Art. No.<br>SLKS 616    |
|                                                                                   |  |  |  | Art. No.<br>SVK 616/90  |                          | Art. No.<br>SVKS 616/90 |
|                                                                                   |  |  |  | Art. No.<br>SVK 616/45  |                          | Art. No.<br>SVKS 616/45 |

| Safety connectors with internal thread                                             |  | BSP1/4" | BSP3/8"              |                      |  |
|------------------------------------------------------------------------------------|--|---------|----------------------|----------------------|--|
|  |  |         | Art. No.<br>SLKR 614 | Art. No.<br>SLKR 638 |  |
|                                                                                    |  |         | (HEX = 17)           | (HEX = 20)           |  |

| Safety connectors with external thread                                             |  | BSP1/8" | BSP1/4"                  | BSP3/8"                  | M14x1,5                  | M16x1,5                  |
|------------------------------------------------------------------------------------|--|---------|--------------------------|--------------------------|--------------------------|--------------------------|
|  |  |         | Art. No.<br>SLKUR 614    | Art. No.<br>SLKUR 638    | Art. No.<br>SLKUM 645    | Art. No.<br>SLKUM 665    |
|                                                                                    |  |         | (HEX = 17)               | (HEX = 17)               | (HEX = 17)               | (HEX = 17)               |
|                                                                                    |  |         | Art. No.<br>SVKUR 618/90 | Art. No.<br>SVKUR 614/90 | Art. No.<br>SVKUR 638/90 | Art. No.<br>SVKUM 645/90 |
|                                                                                    |  |         | Art. No.<br>SVKUR 618/45 | Art. No.<br>SVKUR 614/45 | Art. No.<br>SVKUR 638/45 | Art. No.<br>SVKUM 645/45 |
|                                                                                    |  |         |                          |                          | Art. No.<br>SVKUM 665/90 | Art. No.<br>SVKUM 665/45 |

| Safety adaptor connectors with nipple fitting for series:                          |  |  |  | 30                      | 40                      | 90                      |
|------------------------------------------------------------------------------------|--|--|--|-------------------------|-------------------------|-------------------------|
|  |  |  |  | Art. No.<br>SLK 600/300 | Art. No.<br>SLK 600/400 | Art. No.<br>SLK 600/900 |
|                                                                                    |  |  |  |                         |                         |                         |

# DYROS 6

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

- developed specifically for coolants in plastic tools

| Nipples with external thread                                                     | BSP1/8"                                                   | BSP1/4"                                                       | BSP3/8"                                                   | M8x0,75                                                                      | M10x1                                                     | M10x1,5                                        | M14x1,5                                                   | M16x1,5                           |
|----------------------------------------------------------------------------------|-----------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------|-----------------------------------------------------------|-----------------------------------|
| L<br>18 HEX<br><br>20 9 HEX<br><br>50<br>14,5 HEX 9<br><br>100<br>14,5 HEX 60 10 | Art. No.<br>N618<br>(L = 25)<br>(HEX = 11)                | Art. No.<br>N614<br>(L = 26)<br>(HEX = 14)                    | Art. No.<br>N638<br>(L = 29)<br>(HEX = 17)                | Art. No.<br>N608<br>(L = 25)<br>(HEX = 11)<br><small>*Distance 4,5mm</small> | Art. No.<br>N610<br>(L = 25)<br>(HEX = 11)                | Art. No.<br>N610/1,5<br>(L = 25)<br>(HEX = 11) | Art. No.<br>N645<br>(L = 26)<br>(HEX = 14)                |                                   |
|                                                                                  | Art. No.<br>VN618<br>(SQ = 12)                            | Art. No.<br>VN614<br>(SQ = 14)                                | Art. No.<br>VN638<br>(SQ = 17)                            |                                                                              | Art. No.<br>VN610<br>(SQ = 12)                            |                                                | Art. No.<br>VN645<br>(SQ = 14)                            |                                   |
|                                                                                  | Art. No.<br>N618/50<br>(HEX = 11)                         | Art. No.<br>N614/50<br>(HEX = 14)                             |                                                           |                                                                              | Art. No.<br>N610/50<br>(HEX = 11)                         |                                                |                                                           |                                   |
|                                                                                  | Art. No.<br>N618/100<br>(HEX = 11)                        | Art. No.<br>N614/100<br>(HEX = 14)                            | Art. No.<br>N638/100<br>(HEX = 17)                        |                                                                              | Art. No.<br>N610/100<br>(HEX = 14)                        |                                                | Art. No.<br>N645/100<br>(HEX = 14)                        | Art.No.<br>N665/100<br>(HEX = 17) |
| Nipples with external thread and internal hexagon                                | BSP1/8"                                                   | BSP1/4"                                                       | BSP3/8"                                                   | M10x1                                                                        |                                                           | M14x1,5                                        |                                                           |                                   |
| L D<br>A B<br>L = 26,3<br><br>L D<br>A B<br>L = 26,3                             | Art. No.<br>N618/6R<br>(A = 14,3)<br>(B = 8)<br>(D = ø18) | Art. No.<br>N614/6R<br>(A = 14,3)<br>(B = 9)<br>(D = ø18)     | Art. No.<br>N638/6R<br>(A = 14,3)<br>(B = 9)<br>(D = ø22) |                                                                              | Art. No.<br>N610/6R<br>(A = 14,3)<br>(B = 8)<br>(D = ø18) |                                                | Art. No.<br>N645/6R<br>(A = 14,3)<br>(B = 9)<br>(D = ø18) |                                   |
|                                                                                  | Art. No.<br>N618/6B<br>(A = 14,3)<br>(B = 8)<br>(D = ø18) | Art. No.<br>N614/6B<br>(A = 14,3)<br>(B = 9)<br>(D = ø18)     | Art. No.<br>N638/6B<br>(A = 14,3)<br>(B = 9)<br>(D = ø22) |                                                                              | Art. No.<br>N610/6B<br>(A = 14,3)<br>(B = 8)<br>(D = ø18) |                                                | Art. No.<br>N645/6B<br>(A = 14,3)<br>(B = 9)<br>(D = ø18) |                                   |
| Nipples with external thread and valve                                           | BSP1/4"                                                   |                                                               | BSP3/8"                                                   |                                                                              |                                                           | M14x1,5                                        |                                                           |                                   |
| 29<br>18 HEX                                                                     |                                                           | Art. No.<br>N614V<br>(HEX = 14)                               | Art. No.<br>N638V<br>(HEX = 17)                           |                                                                              |                                                           |                                                | Art. No..<br>N645V<br>(HEX = 14)                          |                                   |
| Nipples with internal thread                                                     | BSP1/8"                                                   | BSP1/4"                                                       |                                                           |                                                                              |                                                           |                                                |                                                           |                                   |
| 27<br>14,5 HEX                                                                   | Art. No.<br>NI618<br>(HEX = 14)                           | Art. No.<br>NI614<br>(HEX = 17)                               |                                                           |                                                                              |                                                           |                                                |                                                           |                                   |
| Nipples with hose fitting                                                        | 1/4"(6,3°)                                                |                                                               | 5/16"(8°)                                                 | 3/8"(9,5°)                                                                   | 1/2"(12,7°)                                               |                                                |                                                           |                                   |
| L d                                                                              |                                                           | Art. No.<br>N624<br>(L = 35)<br><small>*Distance 4 mm</small> | Art. No.<br>N625<br>(L = 40)                              | Art. No.<br>N626<br>(L = 40)                                                 | Art. No.<br>N628<br>(L = 40)                              |                                                |                                                           |                                   |
| Nipples with compression ring for copper tube                                    |                                                           |                                                               |                                                           |                                                                              | d =    8°     10°                                         |                                                |                                                           |                                   |
| d                                                                                |                                                           |                                                               |                                                           |                                                                              | Art. No.<br>N614/K8                                       | Art. No.<br>N638/K10                           |                                                           |                                   |
| d                                                                                |                                                           |                                                               |                                                           |                                                                              | Art. No.<br>VN614/K8                                      | Art. No.<br>VN638/K10                          |                                                           |                                   |
| Nipples with 10mm brass tube                                                     | L = 50mm                                                  | 65mm                                                          | 80mm                                                      | 100mm                                                                        | 120mm                                                     | 240mm                                          | 360mm                                                     |                                   |
| L                                                                                | Art. No.<br>N608/50                                       | Art. No.<br>N608/65                                           | Art. No.<br>N608/80                                       | Art. No.<br>N608/100                                                         | Art. No.<br>N608/120                                      | Art. No.<br>N608/240                           | Art. No.<br>N608/360                                      |                                   |
| 21                                                                               |                                                           |                                                               |                                                           |                                                                              |                                                           |                                                |                                                           |                                   |
| Double nipples                                                                   | Series: 6 til 6    6 til 90                               |                                                               | Nipple - Blind                                            |                                                                              |                                                           |                                                |                                                           |                                   |
|                                                                                  | Art. No.<br>N600/D                                        | Art. No.<br>N600/900D                                         | Art. No.<br>BN600                                         |                                                                              |                                                           |                                                |                                                           |                                   |

# DYROS 10

- developed specifically for coolants in plastic tools

Today Dyros 10 can be found everywhere:

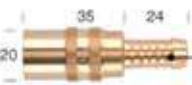
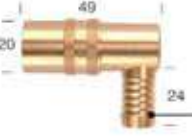
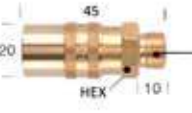
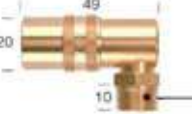
- on plastic moulds
- on compressed-air plants
- on oxygen and gas cylinders
- in operating rooms
- and in numerous other places

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.

Brass connectors with 6 mm passage capacity\* for water, grease, air, oil etc. ....

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

|                                                                           |                                                                                     | Push Lock hose fitting          |                                 |                                 |                           |                          |
|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------|--------------------------|
| Connectors with hose fitting                                              |                                                                                     | 1/4" (6,3 <sup>ø</sup> )        | 5/16" (8 <sup>ø</sup> )         | 3/8" (9,5 <sup>ø</sup> )        | 1/2" (12,7 <sup>ø</sup> ) | 3/8" (9,5 <sup>ø</sup> ) |
| Straight                                                                  |    | Art. No. LK 14                  | Art. No. LK 15                  | Art. No. LK 16                  | Art. No. LK 18            | Art. No. LK 16           |
|                                                                           |                                                                                     | *Clearance 4 mm                 |                                 |                                 |                           |                          |
|                                                                           |                                                                                     | Art. No. VK 14/90               | Art. No. VK 15/90               | Art. No. VK 16/90               | Art. No. VK 18/90         | Art. No. VK 16/90        |
| 90°                                                                       |    | Art. No. VK 14/45               | Art. No. VK 15/45               | Art. No. VK 16/45               | Art. No. VK 18/45         | Art. No. VK 16/45        |
| 45°                                                                       |   | *Clearance 4 mm                 |                                 |                                 |                           |                          |
| Connectors with internal thread                                           |                                                                                     | BSP1/4"                         | BSP3/8"                         |                                 |                           |                          |
| Straight                                                                  |  | Art. No. LKR 114<br>(HEX = 18)  | Art. No. LKR 138<br>(HEX = 20)  |                                 |                           |                          |
| Connectors with external thread                                           |                                                                                     | BSP1/8"                         | BSP1/4"                         | BSP3/8"                         | M14x1,5                   | M16x1,5                  |
| Straight                                                                  |  | Art. No. LKUR 118<br>(HEX = 18) | Art. No. LKUR 114<br>(HEX = 18) | Art. No. LKUR 138<br>(HEX = 20) |                           |                          |
| 90°                                                                       |  | Art. No. VKUR 118/90            | Art. No. VKUR 114/90            | Art. No. VKUR 138/90            | Art. No. VKUM 145/90      | Art. No. VKUM 165/90     |
| 45°                                                                       |  | Art. No. VKUR 118/45            | Art. No. VKUR 114/45            | Art. No. VKUR 138/45            | Art. No. VKUM 145/45      | Art. No. VKUM 165/45     |
| Connectors with hose fitting 3/8" (9,5 <sup>ø</sup> ) and external thread |                                                                                     | BSP1/4"                         | BSP3/8"                         |                                 |                           |                          |
| Straight                                                                  |  | Art. No. LKUR 114/16            | Art. No. LKUR 138/16            |                                 |                           |                          |

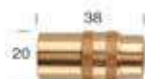
# DYROS 10

- developed specifically for coolants in plastic tools

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

## Connector - Blind

## Series 10



Art. No.  
BK10

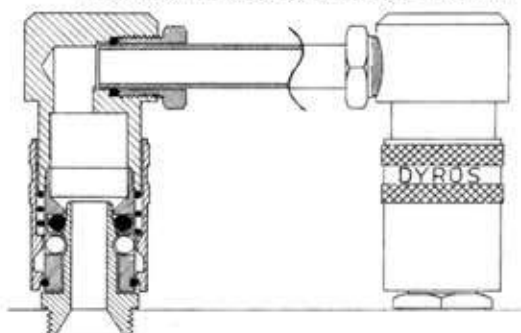
## Connector bridge with two connectors and interconnecting brass tube

## Art. No.

## Art. No. TUBE



The tube can be shortened as required =  $L \pm 3\text{mm}$



LKD168/125

(L = 125)

LKD 36870032

LKD168/250

(L = 250)

LKD 36871032

LKD168/500

(L = 500)

LKD 36872032

## 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. Max pressures: 10 Bar. The O-ring seals are made of a Viton quality Type FPM 137449, Which withstands temperatures between  $\pm 25^\circ$  og  $+200^\circ$ . 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 OV after Art. No.  
e.g.: LK 16OV.

The Thread BSP corresponds to  
G1/8" - G1/4" - G3/8"

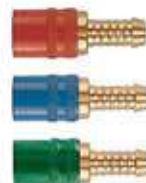
Nito products made of brass contain Pb (lead) above 0,1 % w/w. Lead (Pb, CAS: 7439-92-1) is at the REACH SVHC candidate list

All connectors can also be delivered with red, blue and green caps. Order R - B - or G after Art. No. e.g.:

LK 16R = red cap  
LK 16OVR

LK 16B = blue cap  
LK 16OVB

LK 16G = green cap  
LK 16OVG



# SAFETY CONNECTORS DYROS 10

- developed specifically for coolants in plastic tools

Today Dyros 10 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.

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

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

Push Lock  
hose fitting

## Safety connectors with hose fitting

3/8" (9,5°) 1/2" (12,7°) 3/8" (9,5°)

| Straight | 20 | 36 | 24 |  | Art. No.<br>SLK 16    | Art. No.<br>SLK 18     |
|----------|----|----|----|--|-----------------------|------------------------|
|          | 20 | 47 | 24 |  | Art. No.<br>SVK 16/90 | Art. No.<br>SVKS 16/90 |
|          | 20 | 47 | 24 |  | Art. No.<br>SVK 16/45 | Art. No.<br>SVKS 16/45 |

## Safety connectors with internal thread

BSP1/4"

| Straight | 20 | 46  |  | Art. No.<br>SLKR 114 |  |  |
|----------|----|-----|--|----------------------|--|--|
|          | 20 | HEX |  | (HEX=18)             |  |  |

## Safety connectors with external thread

BSP1/8"

BSP1/4"

BSP3/8"

M14x1,5

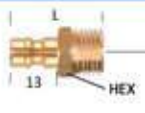
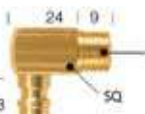
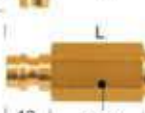
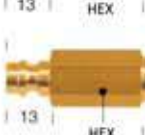
M16x1,5

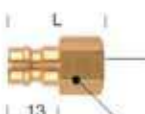
| Straight | 20 | 48  | 10 | Art. No.<br>SLKUR 114    | Art. No.<br>SLKUR 138    |                          |                          |                          |
|----------|----|-----|----|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
|          | 20 | HEX | 10 | (HEX=18)                 | (HEX=18)                 |                          |                          |                          |
|          | 20 | 47  | 10 | Art. No.<br>SVKUR 118/90 | Art. No.<br>SVKUR 114/90 | Art. No.<br>SVKUR 138/90 | Art. No.<br>SVKUM 145/90 | Art. No.<br>SVKUM 165/90 |
| 90°      | 20 | 47  | 10 | Art. No.<br>SVKUR 118/45 | Art. No.<br>SVKUR 114/45 | Art. No.<br>SVKUR 138/45 | Art. No.<br>SVKUM 145/45 | Art. No.<br>SVKUM 165/45 |
|          | 20 | 47  | 10 |                          |                          |                          |                          |                          |

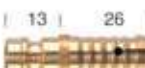
# DYROS 10

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

- developed specifically for coolants in plastic tools

| Nipples with external thread                                                      | BSP1/8"                                    | BSP1/4"                                    | BSP3/8"                                    |  | M10x1                                      | M14x1,5                            | M16x1,5                            |
|-----------------------------------------------------------------------------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|--|--------------------------------------------|------------------------------------|------------------------------------|
|  | Art. No.<br>N118<br>(L = 24)<br>(HEX = 11) | Art. No.<br>N114<br>(L = 25)<br>(HEX = 14) | Art. No.<br>N138<br>(L = 30)<br>(HEX = 17) |  | Art. No.<br>N110<br>(L = 24)<br>(HEX = 11) |                                    |                                    |
|  | Art. No.<br>VN118<br>(SQ = 12)             | Art. No.<br>VN114<br>(SQ = 14)             | Art. No.<br>VN138<br>(SQ = 17)             |  | Art. No.<br>VN110<br>(SQ = 12)             | Art. No.<br>VN145<br>(SQ = 14)     |                                    |
|  | Art. No.<br>N118/50<br>(HEX = 11)          | Art. No.<br>N114/50<br>(HEX = 14)          |                                            |  |                                            |                                    |                                    |
|  | Art. No.<br>N118/100<br>(HEX = 11)         | Art. No.<br>N114/100<br>(HEX = 14)         | Art. No.<br>N138/100<br>(HEX = 17)         |  | Art. No.<br>N110/100<br>(HEX = 14)         | Art. No.<br>N145/100<br>(HEX = 14) | Art. No.<br>N165/100<br>(HEX = 17) |

| Nipples with internal thread                                                        | BSP1/8"                         | BSP1/4"                         |  |  |  |  |  |
|-------------------------------------------------------------------------------------|---------------------------------|---------------------------------|--|--|--|--|--|
|  | Art. No.<br>NI118<br>(HEX = 14) | Art. No.<br>NI114<br>(HEX = 17) |  |  |  |  |  |

| Nipples with hose fitting                                                           | 3/16"(4,7°)                        | 1/4"(6,3°)                         | 5/16"(8°)        | 3/8"(9,5°)       | 1/2"(12,7°)      |  |  |
|-------------------------------------------------------------------------------------|------------------------------------|------------------------------------|------------------|------------------|------------------|--|--|
|  | Art. No.<br>N123<br>*Clearance 3mm | Art. No.<br>N124<br>*Clearance 4mm | Art. No.<br>N125 | Art. No.<br>N126 | Art. No.<br>N128 |  |  |

| Nipples with compression ring for copper tube                                       | d = 8°               | 10°                  |  |  |
|-------------------------------------------------------------------------------------|----------------------|----------------------|--|--|
|  | Art. No.<br>N114/K8  | Art. No.<br>N138/K10 |  |  |
|  | Art. No.<br>VN114/K8 |                      |  |  |

| Double nipple                                                                       | Series 10 til 10   |
|-------------------------------------------------------------------------------------|--------------------|
|  | Art. No.<br>N100/D |

|                                                                                       |                   |
|---------------------------------------------------------------------------------------|-------------------|
| Nipple - Blind                                                                        |                   |
|  | Art. No.<br>BN100 |

# DYROS 30

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

- developed specifically for coolants in plastic tools

Today Dyros 30 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.

|                                                                           |                         | PushLock hose fitting                          |                                                   |                                                   |                                                |                                                |                                                |
|---------------------------------------------------------------------------|-------------------------|------------------------------------------------|---------------------------------------------------|---------------------------------------------------|------------------------------------------------|------------------------------------------------|------------------------------------------------|
| Connectors with hose fitting                                              |                         | 1/4" (6,3 <sup>ø</sup> )                       | 5/16" (8 <sup>ø</sup> )                           | 3/8" (9,5 <sup>ø</sup> )                          | 1/2" (12,7 <sup>ø</sup> )                      | 3/8" (9,5 <sup>ø</sup> )                       |                                                |
| Straight                                                                  | 28   23  <br>17.5       | Art. No.<br>LK 314                             | Art. No.<br>LK 315                                | Art. No.<br>LK 316                                | Art. No.<br>LK 318                             | Art. No.<br>LKS 316                            |                                                |
|                                                                           | 39<br>17.5              | *Clearance 4 mm<br>Art. No.<br>VK 314/90       | Art. No.<br>VK 315/90                             | Art. No.<br>VK 316/90                             |                                                | Art. No.<br>VKS 316/90                         |                                                |
|                                                                           | 39<br>17.5              | *Clearance 4 mm<br>Art. No.<br>VK 314/45       | Art. No.<br>VK 315/45                             | Art. No.<br>VK 316/45                             |                                                | Art. No.<br>VKS 316/45                         |                                                |
| 90°                                                                       | 24                      |                                                |                                                   |                                                   |                                                |                                                |                                                |
| 45°                                                                       | 24                      |                                                |                                                   |                                                   |                                                |                                                |                                                |
| Connectors with internal thread                                           |                         | BSP1/8"                                        | BSP1/4"                                           | BSP3/8"                                           | M10x1                                          | M14x1,5                                        | M16x1,5                                        |
| Straight                                                                  | 42<br>17.5<br>HEX       | Art. No.<br>LKR 318<br>(HEX = 17)              | Art. No.<br>LKR 314<br>(HEX = 17)                 | Art. No.<br>LKR 338<br>(HEX = 20)                 | Art. No.<br>LKM 310<br>(HEX = 17)              |                                                |                                                |
|                                                                           |                         |                                                |                                                   |                                                   |                                                |                                                |                                                |
| Connectors with external thread                                           |                         | BSP1/8"                                        | BSP1/4"                                           | BSP3/8"                                           | M10x1                                          | M14x1,5                                        | M16x1,5                                        |
| Straight                                                                  | L   10  <br>17.5<br>HEX | Art. No.<br>LKUR 318<br>(L = 45)<br>(HEX = 17) | Art. No.<br>LKUR 314<br>(L = 45)<br>(HEX = 17)    | Art. No.<br>LKUR 338<br>(L = 45)<br>(HEX = 17)    | Art. No.<br>LKUM 310<br>(L = 45)<br>(HEX = 17) | Art. No.<br>LKUM 345<br>(L = 45)<br>(HEX = 17) | Art. No.<br>LKUM 365<br>(L = 45)<br>(HEX = 17) |
|                                                                           |                         |                                                | Art. No.<br>LKUR 314/38<br>(L = 38)<br>(HEX = 20) | Art. No.<br>LKUR 338/38<br>(L = 38)<br>(HEX = 20) |                                                |                                                |                                                |
|                                                                           |                         |                                                |                                                   |                                                   |                                                |                                                |                                                |
| 90°                                                                       | 39   10  <br>17.5       | Art. No.<br>VKUR 318/90                        | Art. No.<br>VKUR 314/90                           | Art. No.<br>VKUR 338/90                           |                                                | Art. No.<br>VKUM 345/90                        | Art. No.<br>VKUM 365/90                        |
|                                                                           |                         |                                                |                                                   |                                                   |                                                |                                                |                                                |
| 45°                                                                       | 39   10  <br>17.5       | Art. No.<br>VKUR 318/45                        | Art. No.<br>VKUR 314/45                           | Art. No.<br>VKUR 338/45                           |                                                | Art. No.<br>VKUM 345/45                        | Art. No.<br>VKUM 365/45                        |
|                                                                           |                         |                                                |                                                   |                                                   |                                                |                                                |                                                |
| Connectors with 3/8" (9,5 <sup>ø</sup> ) hose fitting and external thread |                         | BSP1/4"                                        | BSP3/8"                                           |                                                   |                                                |                                                |                                                |
| Straight                                                                  | 10   27  <br>17.5<br>72 | Art. No.<br>LKUR 314/16                        | Art. No.<br>LKUR 338/16                           |                                                   |                                                |                                                |                                                |
|                                                                           |                         |                                                |                                                   |                                                   |                                                |                                                |                                                |

# DYROS 30

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

- developed specifically for coolants in plastic tools

Adaptor connectors with nipple fitting for series: 40 6 90

Straight



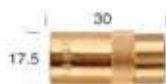
Art. No.  
LK300/400

Art. No.  
LK300/600

Art.No.  
LK300/900

Connector - Blind

Serie 30

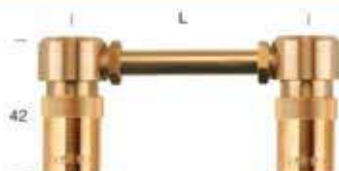


Art. No.  
BK300

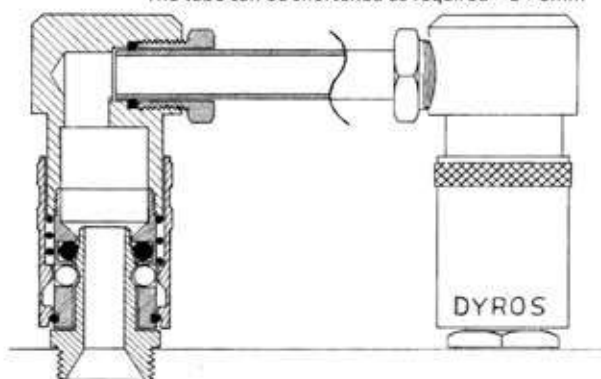
Connector bridge with two connectors and interconnecting brass tube

Art. No.

Art. No.  
TUBE



The tube can be shortened as required =  $L \pm 3\text{mm}$



LKD368/125

(L = 125)

LKD 36870032

LKD368/250

(L = 250)

LKD 36871032

LKD368/500

(L = 500)

LKD 36872032

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. Max pressures: 10 Bar.  
The O-ring seals are made of a Viton quality Type FPM 137449, Which withstands temperatures between  $\pm 25^\circ$  og  $+200^\circ$   
VITON FPM 137449 is chemically resistat to mineral oil and grease, most acids and bases, petrol and hydrocarbons such as methane, probane, 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 OV after Art. No.  
e.g.: LK 316OV.

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

Nito products made of brass contain Pb (lead) above 0,1 % w/w.  
Lead (Pb, CAS: 7439-92-1) is at the REACH SVHC candidate list

All connectors can also be delivered with red, blue and green caps.  
Order R - B - or G after Art. No.  
e.g.:

LK 316R = red cap  
LK 316OVR



LK 316B = blue cap  
LK 316OVB



LK 316G = green cap  
LK 316OVG



# SAFETY CONNECTORS DYROS 30

- developed specifically for coolants in plastic tools

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

Today Dyros 30 can be found everywhere:

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

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

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

Push Lock  
hose fitting

## Safety connectors with hose fitting

3/8" (9,5<sup>ø</sup>) 1/2" (12,7<sup>ø</sup>) 3/8" (9,5<sup>ø</sup>)

|  | Straight 17.5 | 90° 17.5 | 45° 17.5 |  |  |  | Art. No.<br>SLK 316    | Art. No.<br>SLK 318 | Art. No.<br>SLKS 316    |
|--|---------------|----------|----------|--|--|--|------------------------|---------------------|-------------------------|
|  |               |          |          |  |  |  |                        |                     |                         |
|  |               |          |          |  |  |  |                        |                     |                         |
|  |               |          |          |  |  |  | Art. No.<br>SVK 316/90 |                     | Art. No.<br>SVKS 316/90 |
|  |               |          |          |  |  |  | Art. No.<br>SVK 316/45 |                     | Art. No.<br>SVKS 316/45 |

## Safety connectors with internal thread

BSP1/4" BSP3/8"

|  | Straight 17.5 |  | Art. No.<br>SLKR 314<br>(HEX = 17) | Art. No.<br>SLKR 338<br>(HEX = 20) |  |  |  |  |  |
|--|---------------|--|------------------------------------|------------------------------------|--|--|--|--|--|
|  |               |  |                                    |                                    |  |  |  |  |  |
|  |               |  |                                    |                                    |  |  |  |  |  |

## Safety connectors with external thread

BSP1/8" BSP1/4" BSP3/8" M14x1,5 M16x1,5

|  | Straight 17.5 | 90° 17.5 | 45° 17.5 |  |  |  |                                     |                                     |                          |  |
|--|---------------|----------|----------|--|--|--|-------------------------------------|-------------------------------------|--------------------------|--|
|  |               |          |          |  |  |  |                                     |                                     |                          |  |
|  |               |          |          |  |  |  |                                     |                                     |                          |  |
|  |               |          |          |  |  |  | Art. No.<br>SLKUR 314<br>(HEX = 17) | Art. No.<br>SLKUR 338<br>(HEX = 17) |                          |  |
|  |               |          |          |  |  |  | Art. No.<br>SVKUR 318/90            | Art. No.<br>SVKUR 314/90            | Art. No.<br>SVKUR 338/90 |  |
|  |               |          |          |  |  |  | Art. No.<br>SVKUR 318/45            | Art. No.<br>SVKUR 314/45            | Art. No.<br>SVKUR 338/45 |  |
|  |               |          |          |  |  |  |                                     |                                     |                          |  |
|  |               |          |          |  |  |  |                                     |                                     |                          |  |

## Safety adaptor connectors with nipple fitting for series:

6 40 90

|  | Straight 17.5 |  |  |  |  |  |                         |                         |                         |  |
|--|---------------|--|--|--|--|--|-------------------------|-------------------------|-------------------------|--|
|  |               |  |  |  |  |  |                         |                         |                         |  |
|  |               |  |  |  |  |  |                         |                         |                         |  |
|  |               |  |  |  |  |  | Art. No.<br>SLK 300/600 | Art. No.<br>SLK 300/400 | Art. No.<br>SLK 300/900 |  |

# DYROS 30

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

- developed specifically for coolants in plastic tools

| Nipples with external thread                                                      | BSP1/8"                                    | BSP1/4"                                    | BSP3/8"                                    | M10x1                                      | M14x1,5                            | M16x1,5                            |  |  |
|-----------------------------------------------------------------------------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|--------------------------------------------|------------------------------------|------------------------------------|--|--|
|  | Art. No.<br>N318<br>(L = 27)<br>(HEX = 14) | Art. No.<br>N314<br>(L = 27)<br>(HEX = 14) | Art. No.<br>N338<br>(L = 31)<br>(HEX = 17) | Art. No.<br>N310<br>(L = 27)<br>(HEX = 14) |                                    |                                    |  |  |
|  | Art. No.<br>VN318<br>(SQ = 12)             | Art. No.<br>VN314<br>(SQ = 14)             | Art. No.<br>VN338<br>(SQ = 17)             | Art. No.<br>VN310<br>(SQ = 12)             | Art. No.<br>VN345<br>(SQ = 14)     |                                    |  |  |
|  | Art. No.<br>N318/100<br>(HEX = 11)         | Art. No.<br>N314/100<br>(HEX = 14)         | Art. No.<br>N338/100<br>(HEX = 17)         | Art. No.<br>N310/100<br>(HEX = 14)         | Art. No.<br>N345/100<br>(HEX = 14) | Art. No.<br>N365/100<br>(HEX = 17) |  |  |

| Nipples with external thread and valve                                            | BSP1/4"                                     | BSP3/8"                                     | M14x1,5                                     |  |  |  |  |
|-----------------------------------------------------------------------------------|---------------------------------------------|---------------------------------------------|---------------------------------------------|--|--|--|--|
|  | Art. No.<br>N314V<br>(L = 24)<br>(HEX = 14) | Art. No.<br>N338V<br>(L = 25)<br>(HEX = 17) | Art. No.<br>N345V<br>(L = 24)<br>(HEX = 14) |  |  |  |  |

| Nipples with internal thread                                                        | BSP1/8"                         | BSP1/4"                         | BSP3/8"                         |  |  |  |  |
|-------------------------------------------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|--|--|--|--|
|  | Art. No.<br>NI318<br>(HEX = 14) | Art. No.<br>NI314<br>(HEX = 17) | Art. No.<br>NI338<br>(HEX = 20) |  |  |  |  |

| Nipples with hose fitting                                                           | 3/8" (9.5")      |  |  |  |  |  |  |
|-------------------------------------------------------------------------------------|------------------|--|--|--|--|--|--|
|  | Art. No.<br>N326 |  |  |  |  |  |  |

| Nipples with compression ring for copper tube                                       | d = 8 <sup>ø</sup>   | 10 <sup>ø</sup>       |  |  |  |  |
|-------------------------------------------------------------------------------------|----------------------|-----------------------|--|--|--|--|
|  | Art. No.<br>N314/K8  | Art. No.<br>N338/K10  |  |  |  |  |
|  | Art. No.<br>VN314/K8 | Art. No.<br>VN338/K10 |  |  |  |  |

| Nipples with 10mm brass tube                                                        | L = 120mm            | 240mm                | 360mm                |  |
|-------------------------------------------------------------------------------------|----------------------|----------------------|----------------------|--|
|  | Art. No.<br>N308/120 | Art. No.<br>N308/240 | Art. No.<br>N308/360 |  |

| Double nipples                                                                      | Series: 30 til 30    |
|-------------------------------------------------------------------------------------|----------------------|
|  | Bestil.nr.<br>N300/D |

| Nipple - Blind                                                                        | Art. No.<br>BN300 |
|---------------------------------------------------------------------------------------|-------------------|
|  |                   |

# DYROS 40

- developed specifically for coolants in plastic tools

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

Today Dyros 40 can be found everywhere:

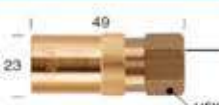
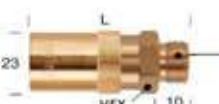
- on plastic moulds
- on compressed-air plants
- on oxygen and gas cylinders
- in operating rooms
- and in numerous other places

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.

Push Lock  
hose fitting

| Connectors with hose fitting                                             |                                                                                     | 3/8"(9,5 <sup>ø</sup> )                        | 7/16"(11 <sup>ø</sup> )                           | 1/2"(12,7 <sup>ø</sup> )                       | 5/8"(15,85 <sup>ø</sup> )                      | 1/2"(12,7 <sup>ø</sup> )                       |                                                |
|--------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------|---------------------------------------------------|------------------------------------------------|------------------------------------------------|------------------------------------------------|------------------------------------------------|
| Straight                                                                 |    |                                                | Art. No.<br>LK 416                                | Art. No.<br>LK 411                             | Art. No.<br>LK 418                             | Art. No.<br>LK 458                             | Art. No.<br>LKS 418                            |
|                                                                          |                                                                                     | *Clearance 7 mm                                |                                                   |                                                |                                                |                                                |                                                |
|                                                                          |    |                                                |                                                   | Art. No.<br>VK 411/90                          | Art. No.<br>VK 418/90                          |                                                | Art. No.<br>VKS 418/90                         |
| 90°                                                                      |                                                                                     |                                                |                                                   |                                                |                                                |                                                |                                                |
| 45°                                                                      |   |                                                |                                                   | Art. No.<br>VK 411/45                          | Art. No.<br>VK 418/45                          |                                                | Art. No.<br>VKS 418/45                         |
|                                                                          |                                                                                     |                                                |                                                   |                                                |                                                |                                                |                                                |
| Connectors with internal thread                                          |                                                                                     | BSP1/4"                                        | BSP3/8"                                           | BSP1/2"                                        |                                                |                                                |                                                |
| Straight                                                                 |  | Art. No.<br>LKR 414<br>(HEX = 21)              | Art. No.<br>LKR 438<br>(HEX = 21)                 | Art. No.<br>LKR 412<br>(HEX = 24)              |                                                |                                                |                                                |
|                                                                          |                                                                                     |                                                |                                                   |                                                |                                                |                                                |                                                |
| Connectors with external thread                                          |                                                                                     | BSP1/4"                                        | BSP3/8"                                           | BSP1/2"                                        | M14x1,5                                        | M16x1,5                                        | M18x1,5                                        |
| Straight                                                                 |  | Art. No.<br>LKUR 414<br>(L = 53)<br>(HEX = 21) | Art. No.<br>LKUR 438<br>(L = 53)<br>(HEX = 21)    | Art. No.<br>LKUR 412<br>(L = 53)<br>(HEX = 21) | Art. No.<br>LKUM 445<br>(L = 53)<br>(HEX = 21) | Art. No.<br>LKUM 465<br>(L = 53)<br>(HEX = 21) | Art. No.<br>LKUM 485<br>(L = 53)<br>(HEX = 21) |
|                                                                          |                                                                                     |                                                | Art. No.<br>LKUR 438/38<br>(L = 38)<br>(HEX = 22) |                                                |                                                |                                                |                                                |
| 90°                                                                      |  | Art. No.<br>VKUR 414/90                        | Art. No.<br>VKUR 438/90                           | Art. No.<br>VKUR 412/90                        | Art. No.<br>VKUR 445/90                        | Art. No.<br>VKUM 465/90                        | Art. No.<br>VKUM 485/90                        |
| 45°                                                                      |  | Art. No.<br>VKUR 414/45                        | Art. No.<br>VKUR 438/45                           | Art. No.<br>VKUR 412/45                        | Art. No.<br>VKUR 445/90                        | Art. No.<br>VKUM 465/45                        | Art. No.<br>VKUM 485/45                        |
|                                                                          |                                                                                     |                                                |                                                   |                                                |                                                |                                                |                                                |
| Connector with 1/2"(12,7 <sup>ø</sup> ) hose fitting and external thread |                                                                                     | BSP1/2"                                        |                                                   |                                                |                                                |                                                |                                                |
| Straight                                                                 |  |                                                |                                                   | Art. No.<br>LKUR 412/18                        |                                                |                                                |                                                |
|                                                                          |                                                                                     |                                                |                                                   |                                                |                                                |                                                |                                                |

# DYROS 40

- developed specifically for coolants in plastic tools

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

Adaptor connectors with nipple for series:

30

6

80

90

Straight



Art. No.  
LK400/300

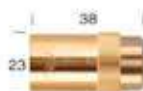
Art. No.  
LK400/600

Art. No.  
LK400/800

Art. No.  
LK400/900

Connector - Blind

Series 40

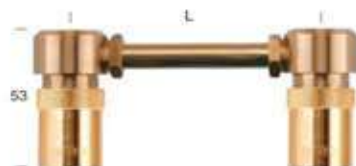


Art. No.  
BK400

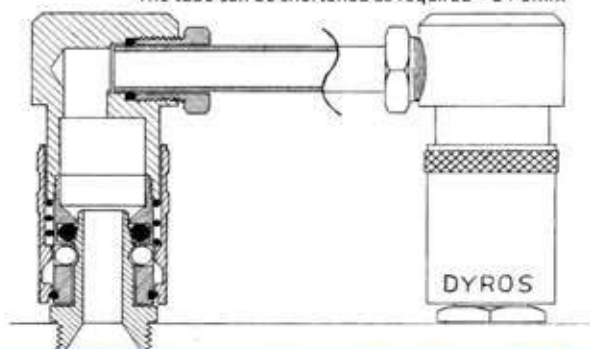
Connector bridge with two connectors and interconnecting brass tube

Art. No.

Art. No.  
TUBE



The tube can be shortened as required =  $L + 3\text{mm}$



LKD481/125

(L = 125)

LKD 47170032

LKD481/250

(L = 250)

LKD 47171032

LKD481/500

(L = 500)

LKD 47172032

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. Max pressures: 15 Bar. The O-ring seals are made of a Viton quality Type FPM 137449, Which withstands temperatures between +25° og +200° VITON FPM 137449 is chemically resistat 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 OV after Art. No.  
e.g.: LK 418OV.

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

Nito products made of brass contain Pb (lead) above 0,1 % w/w. Lead (Pb, CAS: 7439-92-1) is at the REACH SVHC candidate list

All connectors can also be delivered with red, blue and green caps. Order R - B - or G after Art. No. e.g.:

LK 418R = red cap  
LK 418OVR

LK 418B = blue cap  
LK 418OVB

LK 418G = green cap  
LK 418OVG



# SAFETY CONNECTORS DYROS 40

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

Today Dyros 40 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.

Push Lock  
hose fitting

## Safety connectors with hose fitting 7/16"(11<sup>ø</sup>) 1/2"(12,7<sup>ø</sup>) 1/2"(12,7<sup>ø</sup>)

|          |                                                                                   |                        |                        |  |  |  |                         |
|----------|-----------------------------------------------------------------------------------|------------------------|------------------------|--|--|--|-------------------------|
| Straight |  | Art. No.<br>SLK 411    | Art. No.<br>SLK 418    |  |  |  | Art. No.<br>SLKS 418    |
|          |  | Art. No.<br>SVK 411/90 | Art. No.<br>SVK 418/90 |  |  |  | Art. No.<br>SVKS 418/90 |
|          |  | Art. No.<br>SVK 411/45 | Art. No.<br>SVK 418/45 |  |  |  | Art. No.<br>SVKS 418/45 |

## Safety connector with long hose fitting 1/2"(12,7<sup>ø</sup>)

|          |                                                                                     |  |                                     |  |  |  |  |
|----------|-------------------------------------------------------------------------------------|--|-------------------------------------|--|--|--|--|
| Straight |  |  | Art. No.<br>SLK 418/41L<br>(L = 41) |  |  |  |  |
|----------|-------------------------------------------------------------------------------------|--|-------------------------------------|--|--|--|--|

## Safety connectors with internal thread BSP3/8" BSP1/2"

|          |                                                                                     |  |                                    |                                    |  |  |  |
|----------|-------------------------------------------------------------------------------------|--|------------------------------------|------------------------------------|--|--|--|
| Straight |  |  | Art. No.<br>SLKR 438<br>(HEX = 21) | Art. No.<br>SLKR 412<br>(HEX = 24) |  |  |  |
|----------|-------------------------------------------------------------------------------------|--|------------------------------------|------------------------------------|--|--|--|

## Safety connectors with external thread BSP1/4" BSP3/8" BSP1/2" M14x1,5 M16x1,5 M18x1,5

|          |                                                                                     |                                     |                                     |                                     |                                     |                                     |                                     |
|----------|-------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Straight |  | Art. No.<br>SLKUR 414<br>(HEX = 21) | Art. No.<br>SLKUR 438<br>(HEX = 21) | Art. No.<br>SLKUR 412<br>(HEX = 21) | Art. No.<br>SLKUM 445<br>(HEX = 21) | Art. No.<br>SLKUM 465<br>(HEX = 21) | Art. No.<br>SLKUM 485<br>(HEX = 21) |
|          |  | Art. No.<br>SVKUR 414/90            | Art. No.<br>SVKUR 438/90            | Art. No.<br>SVKUR 412/90            | Art. No.<br>SVKUM 445/90            | Art. No.<br>SVKUM 465/90            | Art. No.<br>SVKUM 485/90            |
|          |  | Art. No.<br>SVKUR 414/45            | Art. No.<br>SVKUR 438/45            | Art. No.<br>SVKUR 412/45            | Art. No.<br>SVKUM 445/45            | Art. No.<br>SVKUM 465/45            | Art. No.<br>SVKUM 485/45            |

## Safety connectors with nipple fitting for series: 6 30 90 80

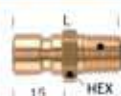
|          |                                                                                     |  |  |                         |                         |                         |                         |
|----------|-------------------------------------------------------------------------------------|--|--|-------------------------|-------------------------|-------------------------|-------------------------|
| Straight |  |  |  | Art. No.<br>SLK 400/600 | Art. No.<br>SLK 400/300 | Art. No.<br>SLK 400/900 | Art. No.<br>SLK 400/800 |
|----------|-------------------------------------------------------------------------------------|--|--|-------------------------|-------------------------|-------------------------|-------------------------|

# DYROS 40

- developed specifically for coolants in plastic tools

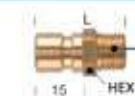
Brass nipples with  
9 mm passage capacity\*  
for water, grease, air, oil  
etc. ....

## Nipples with external thread BSPT1/4" BSPT3/8"



|                                            |                                            |  |  |  |  |  |  |
|--------------------------------------------|--------------------------------------------|--|--|--|--|--|--|
| Art. No.<br>N414<br>(L = 34)<br>(HEX = 14) | Art. No.<br>N438<br>(L = 35)<br>(HEX = 17) |  |  |  |  |  |  |
|--------------------------------------------|--------------------------------------------|--|--|--|--|--|--|

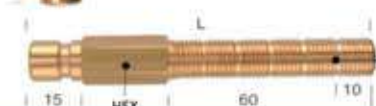
## Nipples with external thread BSP1/8" BSP1/4" BSP3/8" BSP1/2" M10x1 M14x1,5 M16x1,5 M13x1



|                                            |  |  |                                            |                                                                             |  |  |                                            |
|--------------------------------------------|--|--|--------------------------------------------|-----------------------------------------------------------------------------|--|--|--------------------------------------------|
| Art. No.<br>N418<br>(L = 28)<br>(HEX = 14) |  |  | Art. No.<br>N412<br>(L = 33)<br>(HEX = 22) | Art. No.<br>N410<br>(L = 28)<br>(HEX = 14)<br><small>*Clearance 6mm</small> |  |  | Art. No.<br>N413<br>(L = 27)<br>(HEX = 14) |
|--------------------------------------------|--|--|--------------------------------------------|-----------------------------------------------------------------------------|--|--|--------------------------------------------|

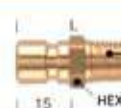


|  |                                |                                |  |  |  |  |  |
|--|--------------------------------|--------------------------------|--|--|--|--|--|
|  | Art. No.<br>VN414<br>(SQ = 14) | Art. No.<br>VN438<br>(SQ = 17) |  |  |  |  |  |
|--|--------------------------------|--------------------------------|--|--|--|--|--|



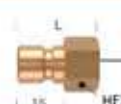
|                                                                     |                                    |                                    |  |                                                                     |                                    |                                    |  |
|---------------------------------------------------------------------|------------------------------------|------------------------------------|--|---------------------------------------------------------------------|------------------------------------|------------------------------------|--|
| Art. No.<br>N418/100<br>(HEX = 14)<br><small>*Clearance 6mm</small> | Art. No.<br>N414/100<br>(HEX = 14) | Art. No.<br>N438/100<br>(HEX = 17) |  | Art. No.<br>N410/100<br>(HEX = 14)<br><small>*Clearance 6mm</small> | Art. No.<br>N445/100<br>(HEX = 14) | Art. No.<br>N465/100<br>(HEX = 17) |  |
|---------------------------------------------------------------------|------------------------------------|------------------------------------|--|---------------------------------------------------------------------|------------------------------------|------------------------------------|--|

## Nipples with external thread and valve BSPT1/4" BSPT3/8" BSP1/2"



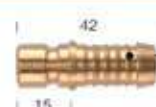
|                                             |                                             |                                             |  |  |  |  |  |
|---------------------------------------------|---------------------------------------------|---------------------------------------------|--|--|--|--|--|
| Art. No.<br>N414V<br>(L = 34)<br>(HEX = 14) | Art. No.<br>N438V<br>(L = 35)<br>(HEX = 17) | Art. No.<br>N412V<br>(L = 36)<br>(HEX = 22) |  |  |  |  |  |
|---------------------------------------------|---------------------------------------------|---------------------------------------------|--|--|--|--|--|

## Nipples with internal thread BSP1/8" BSP1/4" BSP3/8" BSP1/2"



|                                 |                                 |                                 |                                 |  |  |  |  |
|---------------------------------|---------------------------------|---------------------------------|---------------------------------|--|--|--|--|
| Art. No.<br>NI418<br>(HEX = 14) | Art. No.<br>NI414<br>(HEX = 17) | Art. No.<br>NI438<br>(HEX = 20) | Art. No.<br>NI412<br>(HEX = 24) |  |  |  |  |
|---------------------------------|---------------------------------|---------------------------------|---------------------------------|--|--|--|--|

## Nipples with hose fitting 3/8" (9,5") 1/2" (12,7")



|  |  |                                                   |                  |  |  |  |  |
|--|--|---------------------------------------------------|------------------|--|--|--|--|
|  |  | Art. No.<br>N426<br><small>*Clearance 7mm</small> | Art. No.<br>N428 |  |  |  |  |
|--|--|---------------------------------------------------|------------------|--|--|--|--|

## Nipples with compression ring for copper tube d = 8° 10°

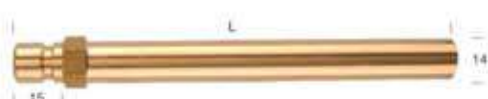


|                     |                      |  |  |
|---------------------|----------------------|--|--|
| Art. No.<br>N414/K8 | Art. No.<br>N438/K10 |  |  |
|---------------------|----------------------|--|--|



|                      |                       |  |  |
|----------------------|-----------------------|--|--|
| Art. No.<br>VN414/K8 | Art. No.<br>VN438/K10 |  |  |
|----------------------|-----------------------|--|--|

## Nipples with 14mm brass tube L = 150mm 300mm 450mm Nipple - Blind



|                      |                      |                      |
|----------------------|----------------------|----------------------|
| Art. No.<br>N408/150 | Art. No.<br>N408/300 | Art. No.<br>N408/450 |
|----------------------|----------------------|----------------------|



|                   |
|-------------------|
| Art. No.<br>BN400 |
|-------------------|

# DYROS 80

- developed specifically for coolants in plastic tools

Brass connectors with  
13 mm passage capacity  
for water, grease, air, oil  
etc. ....

Today Dyros 80 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

1/2"(12,7<sup>ø</sup>) 3/4"(19<sup>ø</sup>)

|          |    |    | 1/2"(12,7 <sup>ø</sup> ) |  |                       |  | 3/4"(19 <sup>ø</sup> ) |  |  |  |
|----------|----|----|--------------------------|--|-----------------------|--|------------------------|--|--|--|
|          |    |    | Art. No.<br>LK 818       |  | Art. No.<br>LK 819    |  |                        |  |  |  |
| Straight | 60 | 32 |                          |  |                       |  |                        |  |  |  |
|          | 31 |    |                          |  |                       |  |                        |  |  |  |
|          |    |    |                          |  |                       |  |                        |  |  |  |
| 90°      | 82 | 32 |                          |  | Art. No.<br>VK 819/90 |  |                        |  |  |  |
|          | 31 |    |                          |  |                       |  |                        |  |  |  |
|          |    |    |                          |  |                       |  |                        |  |  |  |
| 45°      | 82 | 32 |                          |  | Art. No.<br>VK 819/45 |  |                        |  |  |  |
|          | 31 |    |                          |  |                       |  |                        |  |  |  |
|          |    |    |                          |  |                       |  |                        |  |  |  |

\*Clearance 9 mm

## Connectors with external thread

BSP1/2"

BSP3/4"

|          |    |     | BSP1/2"                                    |  | BSP3/4"                                    |  |  |  |  |  |
|----------|----|-----|--------------------------------------------|--|--------------------------------------------|--|--|--|--|--|
|          |    |     | Art. No.<br>LKUR 812<br>(L=12)<br>(HEX=30) |  | Art. No.<br>LKUR 834<br>(L=16)<br>(HEX=30) |  |  |  |  |  |
| Straight | 64 | L   |                                            |  |                                            |  |  |  |  |  |
|          | 31 | HEX |                                            |  |                                            |  |  |  |  |  |
|          |    |     |                                            |  |                                            |  |  |  |  |  |

## Adaptor connectors with nipple fitting for series:

40

90

|          |    |  |  |  |  |  | 40                     |  | 90                     |  |
|----------|----|--|--|--|--|--|------------------------|--|------------------------|--|
|          |    |  |  |  |  |  | Art. No.<br>LK 800/400 |  | Art. No.<br>LK 800/900 |  |
| Straight | 60 |  |  |  |  |  |                        |  |                        |  |
|          | 31 |  |  |  |  |  |                        |  |                        |  |
|          |    |  |  |  |  |  |                        |  |                        |  |

## 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. Max pressures: 20 Bar. The O-ring seals are made of a Viton quality Type FPM 137449, Which withstands temperatures between  $\pm 25^{\circ}$  og  $+200^{\circ}$ . VITON FPM 137449 is chemically resistat 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 OV after Art. No.  
e.g.: LK 819OV.

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

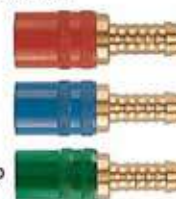
Nito products made of brass contain Pb (lead) above 0,1 % w/w.  
Lead ( Pb, CAS: 7439-92-1)  
is at the REACH SVHC candidate list

All connectors can also be delivered with red, blue and green caps.  
Order R - B - or G after Art. No.  
e.g.:

LK 819R = red cap  
LK 819OVR

LK 819B = blue cap  
LK 819OVB

LK 819G = green cap  
LK 819OVG



# SAFETY CONNECTORS

# DYROS 80

- developed specifically for coolants in plastic tools

Brass connectors with  
13 mm passage capacity  
for water, grease, air, oil  
etc. ....

Today Dyros 80 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.

| Safety connectors with hose fitting |                                                                                     | 1/2"(12,7 <sup>ø</sup> ) 3/4"(19 <sup>ø</sup> ) |                       |  |  |  |  |
|-------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------|-----------------------|--|--|--|--|
| Straight<br>90°<br>45°              |    | Art. No.<br>LK818                               | Art. No.<br>SLK 819   |  |  |  |  |
|                                     |   | *Clearance 9 mm                                 | Art. No.<br>SVK819/90 |  |  |  |  |
|                                     |  |                                                 | Art. No.<br>SVK819/45 |  |  |  |  |

| Safety connectors with external thread |                                                                                     | BSP1/2"                                         | BSP3/4"                                         |  |  |  |  |
|----------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------|-------------------------------------------------|--|--|--|--|
| Straight                               |  | Art. No.<br>SLKUR 812<br>(L = 12)<br>(HEX = 30) | Art. No.<br>SLKUR 834<br>(L = 16)<br>(Hex = 30) |  |  |  |  |

| Safety adaptor connectors with nipple fitting for series: |                                                                                     |  |  |  |  | 40                      | 90                      |
|-----------------------------------------------------------|-------------------------------------------------------------------------------------|--|--|--|--|-------------------------|-------------------------|
| Straight                                                  |  |  |  |  |  | Art. No.<br>SLK 800/400 | Art. No.<br>SLK 800/900 |
|                                                           |                                                                                     |  |  |  |  |                         |                         |

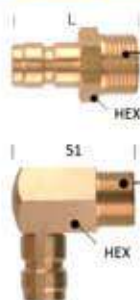
# DYROS 80

- developed specifically for coolants in plastic tools

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

## Nipples with external thread

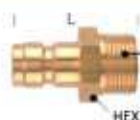
BSP1/2" BSP3/4" M24x1,5



|                                            |                                            |                                            |  |  |  |  |
|--------------------------------------------|--------------------------------------------|--------------------------------------------|--|--|--|--|
| Art. No.<br>N812<br>(L = 47)<br>(HEX = 22) | Art. No.<br>N834<br>(L = 51)<br>(HEX = 27) | Art. No.<br>N824<br>(L = 51)<br>(HEX = 27) |  |  |  |  |
| Art. No.<br>VN812<br>(HEX = 27)            | Art. No.<br>VN834<br>(HEX = 27)            |                                            |  |  |  |  |

## Nipples with external thread and valve

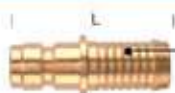
BSP1/2" BSP3/4" M24x1,5



|                                             |                                             |                                            |  |  |  |  |
|---------------------------------------------|---------------------------------------------|--------------------------------------------|--|--|--|--|
| Art. No.<br>N812V<br>(L = 47)<br>(HEX = 22) | Art. No.<br>N834V<br>(L = 51)<br>(HEX = 27) | Art.No.<br>N824V<br>(L = 51)<br>(HEX = 27) |  |  |  |  |
|---------------------------------------------|---------------------------------------------|--------------------------------------------|--|--|--|--|

## Nipples with hose fitting

1/2"(12,7") 3/4"(19")



|                                                                |                              |  |  |  |  |  |
|----------------------------------------------------------------|------------------------------|--|--|--|--|--|
| Art. No.<br>N828<br>(L = 53)<br><small>*Clearance 10mm</small> | Art. No.<br>N819<br>(L = 62) |  |  |  |  |  |
|----------------------------------------------------------------|------------------------------|--|--|--|--|--|

# 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.

Push Lock  
hose fitting

| Connectors with hose fitting |                                                                                    | 3/8"(9,5°)         | 7/16"(11°)            | 1/2"(12,7°)           | 5/8"(15,85°)       | 1/2"(12,7°)            |
|------------------------------|------------------------------------------------------------------------------------|--------------------|-----------------------|-----------------------|--------------------|------------------------|
| Straight                     |   | Art. No.<br>LK 916 | Art. No.<br>LK 911    | Art. No.<br>LK 918    | Art. No.<br>LK 958 | Art. No.<br>LKS 918    |
|                              |                                                                                    | *Clearance 7 mm    |                       |                       |                    |                        |
|                              |   |                    | Art. No.<br>VK 911/90 | Art. No.<br>VK 918/90 |                    | Art. No.<br>VKS 918/90 |
| 90°                          |                                                                                    |                    |                       |                       |                    |                        |
| 45°                          |  |                    | Art. No.<br>VK 911/45 | Art. No.<br>VK 918/45 |                    | Art. No.<br>VKS 918/45 |
|                              |                                                                                    |                    |                       |                       |                    |                        |

| Connectors with internal thread |                                                                                     | BSP1/4"             | BSP3/8"             | BSP1/2"             |  |  |
|---------------------------------|-------------------------------------------------------------------------------------|---------------------|---------------------|---------------------|--|--|
| Straight                        |  | Art. No.<br>LKR 914 | Art. No.<br>LKR 938 | Art. No.<br>LKR 912 |  |  |
|                                 |                                                                                     | (HEX = 21)          | (HEX = 21)          | (HEX = 24)          |  |  |

| Connectors with external thread |                                                                                     | BSP1/4"                 | BSP3/8"                 | BSP1/2"                 | M14x1,5                 | M16x1,5                 | M18x1,5                 |
|---------------------------------|-------------------------------------------------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Straight                        |  | Art. No.<br>LKUR 914    | Art. No.<br>LKUR 938    | Art. No.<br>LKUR 912    | Art. No.<br>LKUM 945    | Art. No.<br>LKUM 965    | Art. No.<br>LKUM 985    |
|                                 |                                                                                     | (L = 53)<br>(HEX = 21)  | (L = 53)<br>(HEX = 21)  | (L = 53)<br>(HEX = 21)  | (L = 53)<br>(HEX = 21)  | (L = 53)<br>(HEX = 21)  | (L = 53)<br>(HEX = 21)  |
|                                 |                                                                                     |                         | Art. No.<br>LKUR 938/38 |                         |                         |                         |                         |
|                                 |                                                                                     |                         | (L = 38)<br>(HEX = 22)  |                         |                         |                         |                         |
| 90°                             |  | Art. No.<br>VKUR 914/90 | Art. No.<br>VKUR 938/90 | Art. No.<br>VKUR 912/90 | Art. No.<br>VKUR 945/90 | Art. No.<br>VKUM 965/90 | Art. No.<br>VKUM 985/90 |
|                                 |                                                                                     |                         |                         |                         |                         |                         |                         |
| 45°                             |  | Art. No.<br>VKUR 914/45 | Art. No.<br>VKUR 938/45 | Art. No.<br>VKUR 912/45 | Art. No.<br>VKUR 945/90 | Art. No.<br>VKUM 965/45 | Art. No.<br>VKUM 985/45 |
|                                 |                                                                                     |                         |                         |                         |                         |                         |                         |

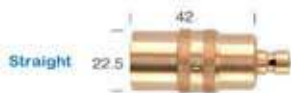
| Connector with 1/2" (12,7°) hose fitting and external thread |                                                                                     | BSP1/2" |  |                         |  |  |
|--------------------------------------------------------------|-------------------------------------------------------------------------------------|---------|--|-------------------------|--|--|
| Straight                                                     |  |         |  | Art. No.<br>LKUR 912/18 |  |  |
|                                                              |                                                                                     |         |  |                         |  |  |

# DYROS 90

- developed specifically for coolants in plastic tools

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

Adaptor connector with nipple fitting for series: 30 40 6 80



Art. No.  
LK900/300

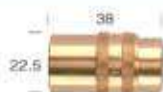
Art. No.  
LK900/400

Art. No.  
LK900/600

Art. No.  
LK900/800

Connector - Blind

Series 90



Art. No.  
BK900

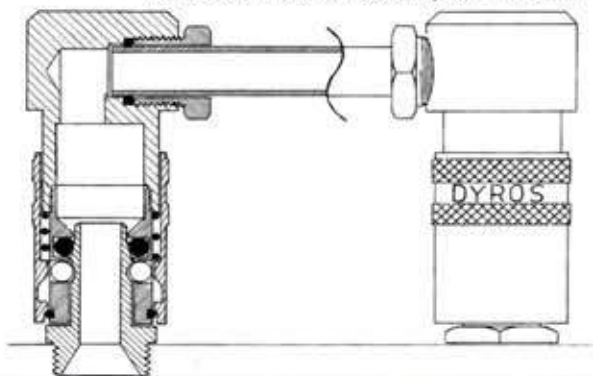
Connector bridge with two connectors and interconnecting brass tube

Art. No.

Art. No.  
TUBE



The tube can be shortened as required = L + 3mm



LKD981/125

(L = 125)

LKD 47170032

LKD981/250

(L = 250)

LKD 47171032

LKD981/500

(L = 500)

LKD 47172032

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. Max pressures: 15 Bar. The O-ring seals are made of a Viton quality Type FPM 137449, which withstands temperatures between +25° og +200° VITON FPM 137449 is chemically resistat 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 OV after Art. No. e.g.: LK 918OV.

The Thread BSP corresponds to G1/4" - G3/8" - 1/2".

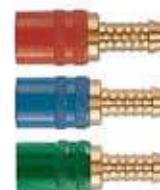
Nito products made of brass contain Pb (lead) above 0,1 % w/w. Lead ( Pb, CAS: 7439-92-1) is at the REACH SVHC candidate list

All connectors can also be delivered with red, blue and green caps. Order R - B - or G after Art. No. e.g.:

LK 918R = red cap  
LK 918OVR

LK 918B = blue cap  
LK 918OVB

LK 918G = green cap  
LK 918OVG



# SAFETY CONNECTORS 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.

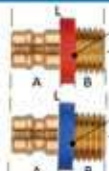
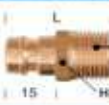
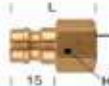
A locking device is automatically released upon engagement, so that the connector can be operated by one hand.

|                                                   |                                                                                     | Push Lock hose fitting           |                                  |                                  |                                  |                                  |                                  |
|---------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| Safety connectors with hose fitting               |                                                                                     | 7/16" (11 <sup>ø</sup> )         | 1/2" (12,7 <sup>ø</sup> )        |                                  |                                  |                                  | 1/2" (12,7 <sup>ø</sup> )        |
| Straight<br>90°<br>45°                            |    | Art. No. SLK 911                 | Art. No. SLK 918                 |                                  |                                  |                                  | Art. No. SLKS 918                |
|                                                   |    | Art. No. SVK 911/90              | Art. No. SVK 918/90              |                                  |                                  |                                  | Art. No. SVKS 918/90             |
|                                                   |   | Art. No. SVK 911/45              | Art. No. SVK 918/45              |                                  |                                  |                                  | Art. No. SVKS 918/45             |
| Safety connector with long hose fitting           |                                                                                     | 1/2" (12,7 <sup>ø</sup> )        |                                  |                                  |                                  |                                  |                                  |
| Straight                                          |  |                                  | Art. No. SLK 918/41L<br>(L = 41) |                                  |                                  |                                  |                                  |
| Safety connectors with internal thread            |                                                                                     | BSP3/8"                          |                                  | BSP1/2"                          |                                  |                                  |                                  |
| Straight                                          |  |                                  | Art. No. SLKR 938<br>(HEX = 21)  | Art. No. SLKR 912<br>(HEX = 24)  |                                  |                                  |                                  |
| Safety connectors with external thread            |                                                                                     | BSP1/4"                          | BSP3/8"                          | BSP1/2"                          | M14x1,5                          | M16x1,5                          | M18x1,5                          |
| Straight<br>90°<br>45°                            |  | Art. No. SLKUR 914<br>(HEX = 21) | Art. No. SLKUR 938<br>(HEX = 21) | Art. No. SLKUR 912<br>(HEX = 21) | Art. No. SLKUM 945<br>(HEX = 21) | Art. No. SLKUM 965<br>(HEX = 21) | Art. No. SLKUM 985<br>(HEX = 21) |
|                                                   |  | Art. No. SVKUR 914/90            | Art. No. SVKUR 938/90            | Art. No. SVKUR 912/90            | Art. No. SVKUM 945/90            | Art. No. SVKUM 965/90            | Art. No. SVKUM 985/90            |
|                                                   |  | Art. No. SVKUR 914/45            | Art. No. SVKUR 938/45            | Art. No. SVKUR 912/45            | Art. No. SVKUM 945/45            | Art. No. SVKUM 965/45            | Art. No. SVKUM 985/45            |
| Safety connectors with nipple fitting for series: |                                                                                     |                                  |                                  |                                  |                                  |                                  |                                  |
| Straight                                          |  |                                  |                                  | Art. No. SLK 900/600             | Art. No. SLK 900/300             | Art. No. SLK 900/900             | Art. No. SLK 900/800             |

# DYROS 90

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

- developed specifically for coolants in plastic tools

| Nipples with external thread                                                        |                                                                                        | BSP1/8"                                               | BSP1/4"                                               | BSP3/8"                                  | BSP1/2"                                                                                | M10x1                                                                        | M10x1,5                                               | M14x1,5                                  | M16x1,5 |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|------------------------------------------|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------|-------------------------------------------------------|------------------------------------------|---------|
|    | Art. No. N918<br>(L = 27)<br>(HEX = 14)<br><small>*Clearance 6mm</small>               | Art. No. N914<br>(L = 27)<br>(HEX = 14)               | Art. No. N938<br>(L = 31)<br>(HEX = 17)               | Art. No. N912<br>(L = 32)<br>(HEX = 22)  | Art. No. N910<br>(L = 27)<br>(HEX = 14)<br><small>*Clearance 6mm</small>               | Art. No. N610/1,5<br>(L = 27)<br>(HEX = 14)<br><small>*Clearance 6mm</small> | Art. No. N945<br>(L = 27)<br>(HEX = 14)               | Art. No. N938<br>(L = 31)<br>(HEX = 17)  |         |
|                                                                                     |                                                                                        | Art. No. VN914<br>(SQ = 14)                           | Art. No. VN938<br>(SQ = 17)                           |                                          |                                                                                        |                                                                              |                                                       |                                          |         |
|                                                                                     | Art. No. N918/100<br>(HEX = 14)<br><small>*Clearance 6mm</small>                       | Art. No. N914/100<br>(HEX = 14)                       | Art. No. N938/100<br>(HEX = 17)                       |                                          | Art. No. N910/100<br>(HEX = 14)<br><small>*Clearance 6mm</small>                       |                                                                              | Art. No. N945/100<br>(HEX = 14)                       | Art. No. N965/100<br>(HEX = 17)          |         |
| Nipples with external thread and internal hexagon                                   |                                                                                        | BSP1/8"                                               | BSP1/4"                                               | BSP3/8"                                  | M10x1                                                                                  |                                                                              | M14x1,5                                               |                                          |         |
|    | Art. No. N918/6R<br>(A = 14.3)<br>(B = 8)<br>(D = 18)<br><small>*Clearance 6mm</small> | Art. No. N914/6R<br>(A = 14.3)<br>(B = 9)<br>(D = 18) | Art. No. N938/6R<br>(A = 14.3)<br>(B = 9)<br>(D = 22) |                                          | Art. No. N910/6R<br>(A = 14.3)<br>(B = 8)<br>(D = 18)<br><small>*Clearance 6mm</small> |                                                                              | Art. No. N945/6R<br>(A = 14.3)<br>(B = 9)<br>(D = 18) |                                          |         |
|                                                                                     | Art. No. N918/6B<br>(A = 14.3)<br>(B = 8)<br>(D = 18)<br><small>*Clearance 6mm</small> | Art. No. N914/6B<br>(A = 14.3)<br>(B = 9)<br>(D = 18) | Art. No. N938/6B<br>(A = 14.3)<br>(B = 9)<br>(D = 22) |                                          | Art. No. N910/6B<br>(A = 14.3)<br>(B = 8)<br>(D = 18)<br><small>*Clearance 6mm</small> |                                                                              | Art. No. N945/6B<br>(A = 14.3)<br>(B = 9)<br>(D = 18) |                                          |         |
| Nipples with external thread and valve                                              |                                                                                        | BSP1/4"                                               |                                                       | BSP3/8"                                  | M14x1,5 M16x1,5                                                                        |                                                                              |                                                       |                                          |         |
|  |                                                                                        | Art. No. N914V<br>(L = 29)<br>(HEX = 14)              | Art. No. N938V<br>(L = 31)<br>(HEX = 17)              |                                          |                                                                                        |                                                                              | Art. No. N945V<br>(L = 27)<br>(HEX = 14)              | Art. No. N965V<br>(L = 31)<br>(HEX = 17) |         |
|                                                                                     |                                                                                        |                                                       |                                                       |                                          |                                                                                        |                                                                              |                                                       |                                          |         |
| Nipples with internal thread                                                        |                                                                                        | BSP1/8"                                               | BSP1/4"                                               | BSP3/8"                                  | BSP1/2"                                                                                |                                                                              |                                                       |                                          |         |
|  | Art. No. NI918<br>(L = 27)<br>(HEX = 14)                                               | Art. No. NI914<br>(L = 27)<br>(HEX = 17)              | Art. No. NI938<br>(L = 27)<br>(HEX = 20)              | Art. No. NI912<br>(L = 28)<br>(HEX = 24) |                                                                                        |                                                                              |                                                       |                                          |         |
|                                                                                     |                                                                                        |                                                       |                                                       |                                          |                                                                                        |                                                                              |                                                       |                                          |         |
| Nipples with hose fitting                                                           |                                                                                        | 3/8" (9.5")                                           |                                                       | 1/2" (12.7")                             |                                                                                        |                                                                              |                                                       |                                          |         |
|  |                                                                                        |                                                       | Art. No. N926<br><small>*Clearance 7mm</small>        | Art. No. N928                            |                                                                                        |                                                                              |                                                       |                                          |         |
|                                                                                     |                                                                                        |                                                       |                                                       |                                          |                                                                                        |                                                                              |                                                       |                                          |         |
| Nipples with compression ring for copper tube                                       |                                                                                        | d = 8 <sup>ø</sup>                                    |                                                       | 10 <sup>ø</sup>                          |                                                                                        |                                                                              |                                                       |                                          |         |
|  |                                                                                        | Art. No. N914/K8                                      | Art. No. N938/K10                                     |                                          |                                                                                        |                                                                              |                                                       |                                          |         |
|                                                                                     |     |                                                       | Art. No. VN914/K8                                     | Art. No. VN938/K10                       |                                                                                        |                                                                              |                                                       |                                          |         |
| Nipples with 14mm brass tube                                                        |                                                                                        | L = 70mm                                              |                                                       | 150mm                                    | 300mm                                                                                  | 450mm                                                                        |                                                       |                                          |         |
|  |                                                                                        | Art. No. N908/70                                      | Art. No. N908/150                                     | Art. No. N908/300                        | Art. No. N908/450                                                                      |                                                                              |                                                       |                                          |         |
|                                                                                     |                                                                                        |                                                       |                                                       |                                          |                                                                                        |                                                                              |                                                       |                                          |         |
| Double nipples                                                                      |                                                                                        | Series: 90 til 90 90 til 6                            |                                                       | Nipple - Blind                           |                                                                                        |                                                                              |                                                       |                                          |         |
|  | Art. No. N900/D                                                                        | Art. No. N600/900D                                    |                                                       |                                          |                                                                                        |                                                                              |                                                       | Art. No. BN900                           |         |
|                                                                                     |                                                                                        |                                                       |                                                       |                                          |                                                                                        |                                                                              |                                                       |                                          |         |
| Nipples with external thread and internal hexagon                                   |                                                                                        | M13x1                                                 |                                                       | Bestil.nr. N913                          |                                                                                        |                                                                              |                                                       |                                          |         |
|  |                                                                                        |                                                       |                                                       |                                          |                                                                                        |                                                                              |                                                       |                                          |         |
|                                                                                     |                                                                                        |                                                       |                                                       |                                          |                                                                                        |                                                                              |                                                       |                                          |         |

# DYROS banjo bridge

- specially developed for cooling agents in plastic moulds

With the Dyros banjo bridge permanent connections can be established between two cooling in- or outlets and thus cut down on the number of loose hoses on the plastic mould.

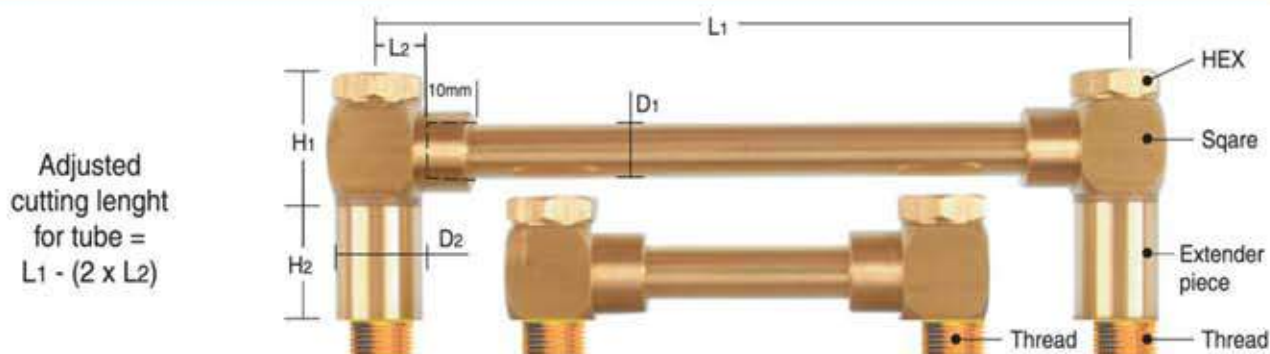
The result is easier setup, less hoses and a safer and more tidy workspace.

Extender pieces are part of the bridge selection allowing the banjo bridge connections to pass each other in two levels.

The Dyros banjo bridge can be mounted on existing as well as new moulds by simply adjusting the centre distance between the banjos with simple tube cutting tools.

O-ring seals secure tight connections under all circumstances.

## Banjo bridge



|          | L1  | L2  | H1 | D1 | Hex | Square | Passage diam. | Art. No.   |
|----------|-----|-----|----|----|-----|--------|---------------|------------|
| BSP 1/8" | 125 | 7   | 21 | 8  | 14  | 14     | 6             | B 1818/125 |
|          | 250 | 7   | 21 | 8  | 14  | 14     | 6             | B 1818/250 |
|          | 500 | 7   | 21 | 8  | 14  | 14     | 6             | B 1818/500 |
| BSP 1/4" | 125 | 8,5 | 24 | 10 | 17  | 17     | 8             | B 1414/125 |
|          | 250 | 8,5 | 24 | 10 | 17  | 17     | 8             | B 1414/250 |
|          | 500 | 8,5 | 24 | 10 | 17  | 17     | 8             | B 1414/500 |
| M 10x1   | 125 | 7   | 21 | 8  | 14  | 14     | 6             | B 1010/125 |
|          | 250 | 7   | 21 | 8  | 14  | 14     | 6             | B 1010/250 |
|          | 500 | 7   | 21 | 8  | 14  | 14     | 6             | B 1010/500 |
| M 14x1,5 | 125 | 8,5 | 24 | 10 | 17  | 17     | 8             | B 4545/125 |
|          | 250 | 8,5 | 24 | 10 | 17  | 17     | 8             | B 4545/250 |
|          | 500 | 8,5 | 24 | 10 | 17  | 17     | 8             | B 4545/500 |

| Extender piece | H2 | D2 | Passage diam. | Art. No.  |
|----------------|----|----|---------------|-----------|
| BSP 1/8"       | 20 | 14 | 6             | B 1818/20 |
| BSP 1/4"       | 22 | 17 | 8             | B 1414/22 |
| M 10x1         | 20 | 14 | 6             | B 1010/20 |
| M 14x1,5       | 22 | 17 | 8             | B 4545/22 |

# DYROS manifolds

- specially developed for coolants to plastic moulds

The Dyros manifold offers a quick and safe way to tidy up the coolant tubes on the extruder. Its compact construction facilitates shorter tubes and mounting closer to the mould.

The shorter tubes makes the work space more tidy - and thus safer for the operator. The distributor can be used wherever small dimensions, dependability and safety is a must.

All connectors have built in valves which are leak proof - even at very low pressures. A locking device automatically releases, when a nipple is pressed against the connector. This feature makes one hand operation of the connector possible.

| Manifold with 3/4" hose fittings                                                  |           | Connectors         | Height (H) | Length (L) | Width (W) | Art. No.     |
|-----------------------------------------------------------------------------------|-----------|--------------------|------------|------------|-----------|--------------|
|  | Series 6  | 4 blue and 4 red   | 64         | 145        | 66        | KB0608/BR145 |
|                                                                                   |           | 6 blue and 6 red   | 64         | 215        | 66        | KB0612/BR215 |
|                                                                                   |           | 8 blue and 8 red   | 64         | 285        | 66        | KB0616/BR285 |
|                                                                                   |           | 10 blue and 10 red | 64         | 355        | 66        | KB0620/BR355 |
|  | Series 10 | 4 blue and 4 red   | 71         | 145        | 66        | KB1008/BR145 |
|                                                                                   |           | 6 blue and 6 red   | 71         | 215        | 66        | KB1012/BR215 |
|                                                                                   |           | 8 blue and 8 red   | 71         | 285        | 66        | KB1016/BR285 |
|                                                                                   |           | 10 blue and 10 red | 71         | 355        | 66        | KB1020/BR355 |
|  | Series 30 | 4 blue and 4 red   | 64         | 145        | 66        | KB3008/BR145 |
|                                                                                   |           | 6 blue and 6 red   | 64         | 215        | 66        | KB3012/BR215 |
|                                                                                   |           | 8 blue and 8 red   | 64         | 285        | 66        | KB3016/BR285 |
|                                                                                   |           | 10 blue and 10 red | 64         | 355        | 66        | KB3020/BR355 |
|  | Series 40 | 4 blue and 4 red   | 64         | 145        | 66        | KB4008/BR145 |
|                                                                                   |           | 6 blue and 6 red   | 64         | 215        | 66        | KB4012/BR215 |
|                                                                                   |           | 8 blue and 8 red   | 64         | 285        | 66        | KB4016/BR285 |
|                                                                                   |           | 10 blue and 10 red | 64         | 355        | 66        | KB4020/BR355 |
|  | Series 90 | 4 blue and 4 red   | 64         | 145        | 66        | KB9008/BR145 |
|                                                                                   |           | 6 blue and 6 red   | 64         | 215        | 66        | KB9012/BR215 |
|                                                                                   |           | 8 blue and 8 red   | 64         | 285        | 66        | KB9016/BR285 |
|                                                                                   |           | 10 blue and 10 red | 64         | 355        | 66        | KB9020/BR355 |

DYROS Manifold is anodized surface 50 My (µ)

We can now delivery our Batteries in Stainless Steel AISI 304, if it should have interest please contact Dyros.

# DYROS components

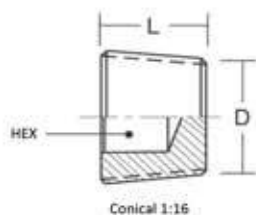
## - practical components for plastic moulds

Dyros offers a whole line of components which are indispensable in the making, operation and upkeeping of plastic moulds.

Dyros components are manufactured according to the same high quality standards used in the production of connectors and nipples.

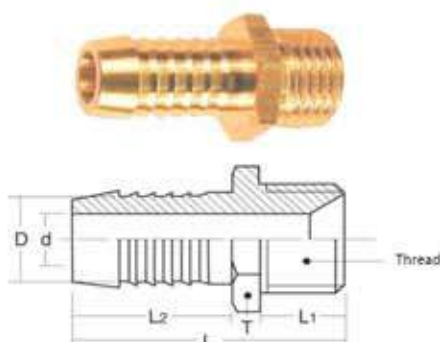
As for all products sold by Dyros great importance is attached to quality, accuracy and safety. Dyros products adds to safer manufacturing.

### Conical brass threaded stopper



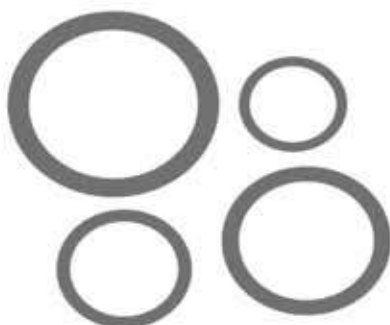
| D          | L  | HEX | Art. No. |
|------------|----|-----|----------|
| M 6 x 0,75 | 7  | 3   | KP 2106  |
| M 8 x 0,75 | 8  | 4   | KP 2108  |
| M 10 x 1   | 8  | 5   | KP 2110  |
| M 12 x 1,5 | 10 | 6   | KP 2125  |
| M 14 x 1,5 | 10 | 7   | KP 2145  |
| BSPT 1/8"  | 8  | 5   | KP 2118  |
| BSPT 1/4"  | 10 | 7   | KP 2114  |
| BSPT 3/8"  | 10 | 8   | KP 2138  |
| BSPT 1/2"  | 10 | 10  | KP 2112  |

### Threaded brass hose fitting



| Thread     | D    | d   | L  | L1 | L2 | T      | Art. No. |
|------------|------|-----|----|----|----|--------|----------|
| M 8 x 0,75 | 3/8" | 4,5 | 28 | 7  | 18 | HEX 11 | GS 0826  |
| M 10 x 1   | 3/8" | 6   | 28 | 7  | 18 | HEX 11 | GS 1026  |
| M 12 x 1,5 | 3/8" | 6   | 30 | 9  | 18 | HEX 15 | GS 2526  |
| M 14 x 1,5 | 3/8" | 6   | 30 | 9  | 18 | HEX 15 | GS 4526  |
| BSP 1/8"   | 3/8" | 6   | 28 | 7  | 18 | HEX 11 | 2766AA4  |
| BSP 1/4"   | 3/8" | 6   | 30 | 9  | 18 | HEX 15 | 2764BA4  |
| M 12 x 1,5 | 1/2" | 8   | 36 | 9  | 24 | HEX 15 | GS 0828  |
| M 14 x 1,5 | 1/2" | 9   | 36 | 9  | 24 | HEX 15 | GS 4528  |
| M 16 x 1,5 | 1/2" | 9   | 36 | 9  | 24 | HEX 17 | GS 6528  |
| BSP 1/4"   | 1/2" | 9   | 36 | 9  | 24 | HEX 15 | 2766BA4  |
| BSP 3/8"   | 1/2" | 9   | 36 | 9  | 24 | HEX 17 | 2766CA4  |

### O-ring seals manufactured from Viton



Dyros O-ring seals are manufactured exclusively for Dyros.

Operation temperature: +25° C to +200° C

Dyros O-ring seals are resistant to grease, acid, base, petrol etc. and especially durable to water, steam and water emulsions.

| Series    | Position  | Art. No. |
|-----------|-----------|----------|
| Series 6  | Connector | 609 V    |
| Series 6  | Valve     | 6528 V   |
| Series 10 | Connector | 609 V    |
| Series 10 | Valve     | 605 V    |
| Series 30 | Connector | 6100 V   |
| Series 30 | Valve     | 6528 V   |
| Series 40 | Connector | 6140 V   |
| Series 40 | Valve     | 609 V    |
| Series 80 | Connector | 6183 V   |
| Series 80 | Valve     | 6143 V   |
| Series 90 | connector | 6123 V   |
| Series 90 | Valve     | 607 V    |

# DYROS components

- practical components for plastic moulds

Nipple with external and internal thread

Series 6  
6mm Passage diam.



| Art. No.   | Thread   | L   |
|------------|----------|-----|
| NRI618/75  | BSP 1/8" | 75  |
| NRI618/100 | BSP 1/8" | 100 |
| NRI618/125 | BSP 1/8" | 125 |
| NRI618/150 | BSP 1/8" | 150 |
| NRI614/75  | BSP 1/4" | 75  |
| NRI614/100 | BSP 1/4" | 100 |
| NRI614/125 | BSP 1/4" | 125 |
| NRI614/150 | BSP 1/4" | 150 |

Nipple with external thread

Series 6  
6mm Passage diam.

Series 90  
9mm Passage diam.



| Art. No.  | Thread   | L   |
|-----------|----------|-----|
| NR618/50  | BSP 1/8" | 50  |
| NR618/100 | BSP 1/8" | 100 |
| NR618/150 | BSP 1/8" | 150 |
| NR614/50  | BSP 1/4" | 50  |
| NR614/100 | BSP 1/4" | 100 |
| NR614/150 | BSP 1/4" | 150 |

| Art. No.  | Thread   | L   |
|-----------|----------|-----|
| NR914/50  | BSP 1/4" | 50  |
| NR914/100 | BSP 1/4" | 100 |
| NR914/150 | BSP 1/4" | 150 |
| NR938/50  | BSP 3/8" | 50  |
| NR938/100 | BSP 3/8" | 100 |
| NR938/150 | BSP 3/8" | 150 |

Blue spraypistol with nipple for

Series 100

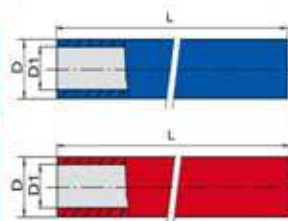
Art. No.  
DY405



Adjustable nozzle.  
Adjustable volume.  
Handbar with on/off funktion.  
Insulating handpiece.

# DYROS hose

| Art. No.    | D1   | D  | L    | Colour | Working-pressure | Bursting-pressure | Used for      | Working-temperature | Associated-Cap |
|-------------|------|----|------|--------|------------------|-------------------|---------------|---------------------|----------------|
| <b>EPDM</b> |      |    |      |        |                  |                   |               |                     |                |
| EPDM 10 B   | 9,5  | 18 | 50 M | Blue   | 5 Bar            | 15 Bar            | Water / Steam | -20°~ +120°         | Cap 19         |
| EPDM 10 R   | 9,5  | 18 | 50 M | Red    | 5 Bar            | 15 Bar            | Water / Steam | -20°~ +120°         | Cap 19         |
| EPDM 13 B   | 12,7 | 23 | 50 M | Blue   | 5 Bar            | 15 Bar            | Water / Steam | -20°~ +120°         | Cap 24         |
| EPDM 13 R   | 12,7 | 23 | 50 M | Red    | 5 Bar            | 15 Bar            | Water / Steam | -20°~ +120°         | Cap 24         |

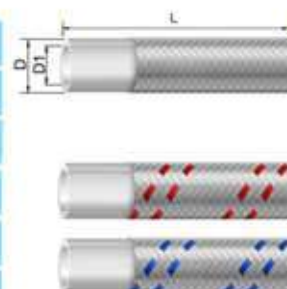


## PUSH LOCK

|       |      |      |      |      |        |  |               |             |  |
|-------|------|------|------|------|--------|--|---------------|-------------|--|
| PL10R | 9,5  | 17,4 | 50 M | Red  | 28 Bar |  | Water / Steam | - 40°~+140° |  |
| PL10B | 9,5  | 17,4 | 50 M | Blue | 28 Bar |  | Water / Steam | - 40°~+140° |  |
| PL13R | 12,7 | 21,3 | 50 M | Red  | 28 Bar |  | Water / Steam | - 40°~+140° |  |
| PL13B | 12,7 | 21,3 | 50 M | Blue | 28 Bar |  | Water / Steam | - 40°~+140° |  |

## SILICONE

|           |     |      |      |             |        |        |             |             |             |
|-----------|-----|------|------|-------------|--------|--------|-------------|-------------|-------------|
| SILI 10   | 9,5 | 14   | 25 M | Neutral     | 25 Bar | 75 Bar | Air / Water | -40°~ +170° | Cap 15      |
| SILI 10 B | 9,5 | 14   | 25 M | Blue ribbon | 25 Bar | 75 Bar | Air / Water | -40°~ +170° | Cap 15      |
| SILI 10 R | 9,5 | 14   | 25 M | Red ribbon  | 25 Bar | 75 Bar | Air / Water | -40°~ +170° | Cap 15      |
| SILI 13   | 13  | 17,5 | 25 M | Neutral     | 25 Bar | 75 Bar | Air / Water | -40°~ +170° | Cap 19 Sili |
| SILI 13 B | 13  | 17,5 | 25 M | Blue ribbon | 25 Bar | 75 Bar | Air / Water | -40°~ +170° | Cap 19 Sili |
| SILI 13 R | 13  | 17,5 | 25 M | Red ribbon  | 25 Bar | 75 Bar | Air / Water | -40°~ +170° | Cap 19 Sili |



The Sili hoses can be used for Glycol Coolant.



## Caps for hoses

| Art. No.    | For hoses type | d      | D      | H     |
|-------------|----------------|--------|--------|-------|
| Cap 15      | SILI 10        | Ø 11,5 | Ø 15,0 | 21 mm |
| Cap 17      | NBR 10         | Ø 11,0 | Ø 17,5 | 21 mm |
| Cap 19      | EPDM 10        | Ø 12,0 | Ø 19,0 | 21 mm |
| Cap 19 Sili | SILI 13        | Ø 14,6 | Ø 19,0 | 21 mm |
| Cap 22      | NBR 13         | Ø 15,0 | Ø 22,0 | 24 mm |
| Cap24       | EPDM 13        | Ø 15,0 | Ø 24,0 | 24 mm |



Materiale: stainless steel AISI 304

Material thickness: 0,4 mm