



## OUTSIDE PROTECTIVE BRAIDS

Aproximate values of standard outside protective braids.  
For example series H12

| Nominal Ø DN     | 04 | 06 | 08 | 10 | 12 | 16 | 20 | 25 | 32 | 40 | 50 |
|------------------|----|----|----|----|----|----|----|----|----|----|----|
| Outer Ø mm ± 10% | 40 | 40 | 40 | 45 | 45 | 50 | 50 | 55 | 60 | 70 | 85 |

If other outside protective braids or a different heating hose series is used, the outside diameter might increase by up to 10mm



### Standard protective braid

Material: PA 6 polyamide. Temperature up to 150 °C. Very flexible and light.  
Standard color black  
But also deliverable in other colors.

### Metal protective braid

Material : steel galvanized or V2A. Temperature up to 300 °C, with peaks of 500 ° C.  
Very flexible and light.  
Very resistance to abrasion

### Plastic corrugated hose

Material: PA 6 polyamide. Temperature up to 150 °C Very flexible and light.  
Flame retardant, alojen free

### PU corrugated hose

Material: PU Polyuretane. Temperature up to 150 °C. Very flexible and light.  
Very suitable for applications on robots, hard-wearing  
Flame retardant, alojen free

### Metal corrugated hose

Material: galvanized steel.. Temperature up to 300 °C.  
Very flexible, hard-wearing , very resistant against sharp objects and chips.

### Glass fabric protective hose.

Material: glass fiber black. Temperature stability up to 400 °C.  
Very flexible with very good protection against abrasión. Protection against  
down-falling glowing chips

## OPTIONAL EQUIPEMENT

Internal temperature sensor, Pt 100 or thermocouple.  
Thermostat contact in the interior, calibrated to fixed values. 80 ° C, 100 ° C, 180 ° C or 200 ° C  
Power cables of different lengths  
Power + Cable temperature sensor 7-pole DIN connector

## ARMATURES

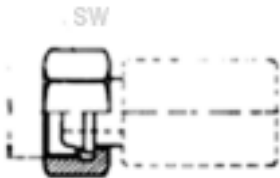
In the standard models are connecting fittings Galvanized steel.

For special fittings can be mounted on special steel (1.4301 or 1.4571) or brass.

It must be noted that the inside diameter of the fitting is narrower than the diameter Inner tube nominal.

| NOMINAL Ø DN           | 4   | 6   | 8   | 10  | 12   | 16   | 20   | 25   | 32   | 40   |
|------------------------|-----|-----|-----|-----|------|------|------|------|------|------|
| INNER Ø ARMATURE (mm.) | 3,0 | 4,5 | 6,0 | 7,5 | 10,0 | 12,5 | 16,0 | 20,1 | 27,5 | 31,5 |

### DKR DIN 3863



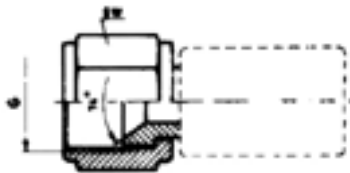
### RSL / RSS



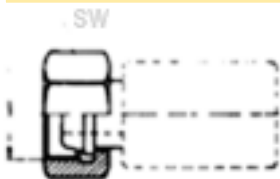
| DKR DIN 3863<br>Universal conical nipple<br>Union nut inch BSP |               |               |
|----------------------------------------------------------------|---------------|---------------|
| DN mm.                                                         | THREAD inch   |               |
| 4                                                              | G 1/8" - 28   | G 1/4" - 19   |
| 6                                                              | G 1/4" - 19   |               |
| 8                                                              | G 3/8" - 19   |               |
| 10                                                             | G 3/8" - 14   |               |
| 10                                                             | G 1/2" - 14   |               |
| 12                                                             | G 1/2" - 14   |               |
| 12                                                             | G 5/8" - 14   |               |
| 16                                                             | G 3/4" - 14   |               |
| 20                                                             | G 1" - 11     |               |
| 25                                                             | G 1" - 11     | G 1 1/4" - 11 |
| 32                                                             | G 1 1/4" - 11 | G 1 1/2" - 11 |
| 40                                                             | G 1 1/2" - 11 |               |

| RSL / RSS<br>Pipe Connection. Light / heavy duty series<br>for cutting ring |                |       |
|-----------------------------------------------------------------------------|----------------|-------|
| DN mm.                                                                      | OUTSIDE Ø TUBE |       |
|                                                                             | light          | heavy |
| 4                                                                           | 6              | 8     |
| 6                                                                           | 8              | 10    |
| 8                                                                           | 10             | 12    |
| 10                                                                          | 12             | 14    |
| 10                                                                          | 15             | 16    |
| 16                                                                          | 18             | 20    |
| 20                                                                          | 22             | 25    |
| 25                                                                          | 28             | 30    |
| 32                                                                          | 35             | 38    |
| 40                                                                          | 42             |       |

### DKJ



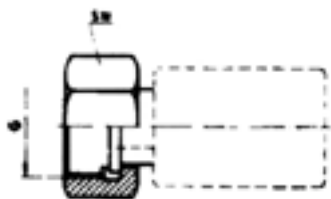
### DKL / DKM / DKS



| DKJ<br>Nipple with 74° conus JIC<br>Union nut UNF thread |                  |
|----------------------------------------------------------|------------------|
| DN mm.                                                   | THREAD inch -UNF |
| 4                                                        | 7/16"-20         |
| 6                                                        | 1/2"-20          |
| 8                                                        | 1/2"-20 5/8"-18  |
| 8                                                        | 9/16"-18         |
| 10                                                       | 9/16"-18         |
| 10                                                       | 3/4"-16          |
| 12                                                       | 3/4"-16          |
| 16                                                       | 7/8"-14          |
| 20                                                       | 1 1/16"-12       |
| 25                                                       | 15/16"-12        |
| 32                                                       | 1 1/8"-12        |
| 40                                                       | 1 7/8"-12        |

| DKL / DKM / DKS DIN 3863<br>Universal conical nipple. Union nut metric thread Light / heavy duty series |          |          |          |
|---------------------------------------------------------------------------------------------------------|----------|----------|----------|
| DN mm.                                                                                                  | THREAD   |          |          |
|                                                                                                         | DKL      | DKM      | DKS      |
| 4                                                                                                       | 12 x 1,5 |          |          |
| 6                                                                                                       | 14 x 1,5 |          | 18 x 1,5 |
| 8                                                                                                       | 16 x 1,5 |          | 20 x 1,5 |
| 10                                                                                                      | 18 x 1,5 |          | 22 x 1,5 |
| 12                                                                                                      | 22 x 1,5 |          | 24 x 1,5 |
| 16                                                                                                      | 26 x 1,5 |          | 30 x 2   |
| 20                                                                                                      | 30 x 2   | 30 x 1,5 | 36 x 2   |
| 25                                                                                                      | 36 x 2   | 38 x 1,5 | 42 x 2   |
| 32                                                                                                      | 45 x 2   | 45 x 1,5 | 52 x 2   |
| 52                                                                                                      | 30 x 2   | 52 x 1,5 |          |

### BDN



| BDN<br>Flanged nut, flat packing. Union nut metric/inch |        |          |
|---------------------------------------------------------|--------|----------|
| DN mm                                                   | THREAD |          |
|                                                         | inch   | metric   |
| 4                                                       | 1/4"   | 14 x 1,5 |
| 8                                                       | 3/8"   | 16 x 1,5 |
| 10                                                      | 3/8"   | 16 x 1,5 |
| 10                                                      | 1/2"   |          |
| 12                                                      | 1/2"   | 22 x 1,5 |

| BDN<br>Flanged nut, flat packing. Union nut metric/inch |        |          |
|---------------------------------------------------------|--------|----------|
| DN mm                                                   | THREAD |          |
|                                                         | inch   | metric   |
| 16                                                      | 3/4"   | 26 x 1,5 |
| 20                                                      | 1"     | 30 x 2   |
| 25                                                      | 1 1/4" | 36 x 2   |
| 32                                                      | 1 3/4" | 52 x 2   |
| 40                                                      | 1 1/2" |          |



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### BUDGET REQUEST FOR HEATED HOSE

Product to heat .....  
Quantity of product., Flow.....  
Product temperature.....< 100 °C ☐ 250-350 °C ☐  
100-200 °C ☐ 350-450 °C ☐  
200-250 °C ☐  
Inner diameter necessary .....  
Hose length in cm. ....  
Connection type, according to catalog tables .....  
Operating pressure in bar.....  
Power supply..... 230 Vca ☐ other (specify).....  
Working Conditions: Laboratory ☐  
Industry ☐  
Fixed installation ☐  
Mobile installation ☐  
Indoor ☐  
Outdoor ☐  
Area classified ☐ zona specify .....  
Temperature class .....  
Other features.....  
If required internal temperature sensor. Sensor type J Thermocouple ☐  
K Thermocouple ☐  
Pt 100 ☐  
Other ☐  
Length of power cables.....  
Power and sensor wire together ☐  
Power and sensor wire separate ☐  
Comments

### PERSONAL DATA

NAME .....  
COMPANY .....  
ADDRESS .....  
PEOPLE .....  
POSTAL CODE .....  
TELEPHONE .....  
FAX .....  
E-MAIL .....