



## CRIMPING PARAMETERS CHART

Parametri di pressatura










# BRAIDED HOSES

Tubi trecciati


| NOMINAL BORE      | DN     | 5     | 6    | 8     | 10   | 12   | 16   | 19   | 25   | 31     | 38     | 51   |
|-------------------|--------|-------|------|-------|------|------|------|------|------|--------|--------|------|
| INTERNAL DIAMETER | inches | 3/16" | 1/4" | 5/16" | 3/8" | 1/2" | 5/8" | 3/4" | 1"   | 1.1/4" | 1.1/2" | 2"   |
|                   | mm     | 4.8   | 6.4  | 7.9   | 9.5  | 12.8 | 16   | 19   | 25.4 | 31.8   | 38.1   | 50.8 |


|   |                                   |      |      |      |      |      |      |      |      |      |      |     |
|---|-----------------------------------|------|------|------|------|------|------|------|------|------|------|-----|
| <b>TEKNO/1SC PLUS</b><br>EXCEED AN857 1SC<br>Nota / Note:   | <b>B1SC</b> FOR STANDARD FITTINGS |      | .04  | .05  | .06  | .08  | .10  | .12  | .16  |      |      |     |
|   |                                   | 15.3 | 16.8 | 18.6 | 22.5 | 26.4 | 29.2 | 36.9 |      |      |      |     |
|   |                                   |      | n.s. | n.s. | n.s. | n.s. | n.s. | n.s. | *3   |      |      |     |
|   | <b>B1K</b> FOR STANDARD FITTINGS  |      | .04  | .05  | .06  | .08  | .10  | .12  | .16  | .20  | .24  | .32 |
| 15.0  |                                   | 16.3 | 18.6 | 22.7 | 26.4 | 29.5 | 37.9 | 44.8 | 50.8 | 64.6 |      |     |
|   |                                   | n.s. | n.s. | n.s. | n.s. | n.s. | n.s. | n.s. | n.s. | n.s. | n.s. |     |

|  |                                      |      |      |      |      |      |      |      |      |      |      |      |
|--|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|
| <b>TEKNO/2SC PLUS</b><br>EXCEED AN857 2SC<br>(scelta consigliata) (recommended option) <br>Nota / Note:   | <b>B12T..N</b> FOR STANDARD FITTINGS |      | .04  | .05  | .06  | .08  | .10  | .12  | .16  | .20  | .24  | .32  |
|  |                                      | 18.2 | 19.0 | 20.6 | 23.5 | 27.4 | 31.1 | 39.1 | 48.7 | 56.2 | 71.0 |      |
|  |                                      |      | n.s. | n.s. | n.s. | n.s. | n.s. | n.s. | n.s. | n.s. | n.s. | n.s. |
|  | <b>B1SC</b> FOR STANDARD FITTINGS    |      | .04  | .05  | .06  | .08  | .10  | .12  | .16  |      |      |      |
| 16.2   |                                      | 18.0 | 20.0 | 23.8 | 27.8 | 30.3 | 37.9 |      |      |      |      |      |
|  |                                      | n.s. | n.s. | n.s. | n.s. | n.s. | n.s. | n.s. |      |      |      |      |

|                 |                                  |      |     |      |      |      |      |      |     |  |  |  |
|-----------------|----------------------------------|------|-----|------|------|------|------|------|-----|--|--|--|
| <b>FORTHREE</b> | <b>B2R</b> FOR STANDARD FITTINGS |      | .04 |      | .06  | .08  | .10  | .12  | .16 |  |  |  |
|                 |                                  | 19.0 |     | 24.0 | 26.8 | 30.3 | 34.8 | 42.1 |     |  |  |  |
|                 |                                  |      | 21  |      | 23   | 25   | 28   | 34   | 37  |  |  |  |
|                 | <b>B5K</b> FOR STANDARD FITTINGS |      |     |      |      |      |      | .12  | .16 |  |  |  |
|                 |                                  |      |     |      |      |      | 36.6 | 44.5 |     |  |  |  |
|                 |                                  |      |     |      |      |      | n.s. | n.s. |     |  |  |  |

|                        |                                  |      |      |      |      |      |      |      |     |  |  |
|------------------------|----------------------------------|------|------|------|------|------|------|------|-----|--|--|
| <b>TEKNOMASTER 2SN</b> | <b>B2R</b> FOR STANDARD FITTINGS |      | .04  | .05  | .06  | .08  | .10  | .12  | .16 |  |  |
|                        |                                  | 17.6 | 20.0 | 22.9 | 26.0 | 29.7 | 33.6 | 41.6 |     |  |  |
|                        |                                  |      | 21   | 22   | 23   | 25   | 28   | 34   | 37  |  |  |

|   |                                      |      |      |      |      |      |      |      |      |      |     |
|---|--------------------------------------|------|------|------|------|------|------|------|------|------|-----|
| <b>STRONGER/1</b><br>SAE 100 R16<br>(scelta consigliata) (recommended option)  | <b>B1R</b> FOR STANDARD FITTINGS     |      | .03  | .04  | .05  | .06  | .08  | .10  | .12  | .16  | .20 |
|   |                                      | 15.4 | 17.3 | 18.6 | 20.5 | 25.2 | 27.4 | 31.0 | 39.0 | 45.7 |     |
|   |                                      |      | 18   | 21   | 22   | 23   | 25   | 28   | 34   | 37   | 43  |
|   | <b>B12T..N</b> FOR STANDARD FITTINGS |      | .03  | .04  | .05  | .06  | .08  | .10  |      |      |     |
|   |                                      | 16.2 | 18.1 | 18.4 | 20.0 | 23.2 | 26.2 |      |      |      |     |
|   |                                      |      | n.s. | n.s. | n.s. | n.s. | n.s. |      |      |      |     |
| <b>B1SC</b> FOR STANDARD FITTINGS   |                                      | .04  | .05  | .06  | .08  | .10  | .12  | .16  |      |      |     |
|   | 16.1                                 | 17.6 | 19.5 | 23.4 | 26.6 | 29.0 | 38.1 |      |      |      |     |
|   |                                      | n.s. | n.s. | n.s. | n.s. | n.s. | n.s. | n.s. |      |      |     |

|  |                                   |      |      |      |      |      |      |      |     |  |
|--|-----------------------------------|------|------|------|------|------|------|------|-----|--|
| <b>SLIM</b><br>(scelta consigliata) (recommended option)  | <b>B1SC</b> FOR STANDARD FITTINGS |      | .04  | .05  | .06  | .08  |      | .12  |     |  |
|  |                                   | 15.0 | 16.8 | 18.2 | 21.9 |      | 28.7 |      |     |  |
|  |                                   |      | n.s. | n.s. | n.s. | n.s. |      | n.s. |     |  |
|  | <b>B1K</b> FOR STANDARD FITTINGS  |      | .04  | .05  | .06  | .08  |      |      | .16 |  |
|  |                                   | 14.3 | 15.7 | 17.3 | 21.7 |      |      | 35.3 |     |  |
|  |                                   |      | n.s. | n.s. | n.s. | n.s. |      | n.s. |     |  |
| <b>B7R</b> FOR STANDARD FITTINGS   |                                   | .03  |      |      |      |      |      |      |     |  |
|  | 12.3                              |      |      |      |      |      |      |      |     |  |
|  |                                   | n.s. |      |      |      |      |      |      |     |  |

\*3 Note: Controllare con tampone No-Go diametro 19.65 mm


\*3 Note: Check with No-Go gauge diameter 19.65 mm

# BRAIDED HOSES

Tubi trecciati


| NOMINAL BORE      | DN     | 5     | 6    | 8     | 10   | 12   | 16   | 19   | 25   | 31     | 38     | 51   |
|-------------------|--------|-------|------|-------|------|------|------|------|------|--------|--------|------|
| INTERNAL DIAMETER | inches | 3/16" | 1/4" | 5/16" | 3/8" | 1/2" | 5/8" | 3/4" | 1"   | 1.1/4" | 1.1/2" | 2"   |
|                   | mm     | 4.8   | 6.4  | 7.9   | 9.5  | 12.8 | 16   | 19   | 25.4 | 31.8   | 38.1   | 50.8 |

|                  |   |  |      |  |      |  |  |  |  |  |  |  |
|------------------|---|--|------|--|------|--|--|--|--|--|--|--|
| <b>TEKNOJACK</b> | <b>B12T..N</b><br>FOR<br>STANDARD<br>FITTINGS |  | .04  |  | .06  |  |  |  |  |  |  |  |
|                  |   |  | 19.0 |  | 20.3 |  |  |  |  |  |  |  |
|                  |   |  | n.s. |  | n.s. |  |  |  |  |  |  |  |

|   |   |  |  |  |  |  |  |      |      |      |      |  |
|---|---|--|--|--|--|--|--|------|------|------|------|--|
| <b>LIFT-PLUS</b><br>EN 81.2<br><br>(scelta consigliata)<br>(recommended option)  | <b>B12T..N</b><br>FOR<br>STANDARD<br>FITTINGS |  |  |  |  |  |  |      |      | .24  | .32  |  |
|   |   |  |  |  |  |  |  |      |      | 56.8 | 71.0 |  |
|   |   |  |  |  |  |  |  |      |      | n.s. | n.s. |  |
|   | <b>B1SC</b> FOR<br>STANDARD<br>FITTINGS       |  |  |  |  |  |  | .12  | .16  |      |      |  |
|   |   |  |  |  |  |  |  | 29.2 | 36.4 |      |      |  |
|   |   |  |  |  |  |  |  | n.s. | n.s. |      |      |  |
| <b>B1R</b><br>FOR<br>STANDARD<br>FITTINGS   |   |  |  |  |  |  |  |      | .20  |      |      |  |
|   |   |  |  |  |  |  |  |      | 45.6 |      |      |  |
|   |   |  |  |  |  |  |  |      | 43   |      |      |  |
| <b>B1K20</b><br>FOR<br>STANDARD<br>FITTINGS   |   |  |  |  |  |  |  |      | .20  |      |      |  |
|   |   |  |  |  |  |  |  |      | 44.6 |      |      |  |
|   |   |  |  |  |  |  |  |      | ns   |      |      |  |
| <b>B1T20</b><br>FOR<br>STANDARD<br>FITTINGS   |   |  |  |  |  |  |  |      | .20  |      |      |  |
|   |   |  |  |  |  |  |  |      | 45.7 |      |      |  |
|   |   |  |  |  |  |  |  |      | ns   |      |      |  |

|                     |   |  |      |      |      |      |  |  |  |  |  |
|---------------------|---|--|------|------|------|------|--|--|--|--|--|
| <b>SERVOCOMANDO</b> | <b>B1SC</b> FOR<br>STANDARD<br>FITTINGS |  | .04  | .05  | .06  | .08  |  |  |  |  |  |
|                     |   |  | 15.5 | 17.0 | 18.6 | 22.5 |  |  |  |  |  |
|                     |   |  | n.s. | n.s. | n.s. | n.s. |  |  |  |  |  |

|                  |  |  |      |      |      |      |      |      |      |  |  |
|------------------|--|--|------|------|------|------|------|------|------|--|--|
| <b>ALPI 3300</b> | <b>B1SC</b><br>FOR<br>STANDARD<br>FITTINGS |  | .04  | .05  | .06  | .08  | .10  | .12  | .16  |  |  |
|                  |  |  | 15.6 | 16.9 | 18.8 | 22.5 | 28.0 | 30.5 | 37.9 |  |  |
|                  |  |  | ns   | ns   | ns   | ns   | ns   | ns   | ns   |  |  |

|  |   |      |      |      |      |      |      |      |      |  |  |
|--|---|------|------|------|------|------|------|------|------|--|--|
| <b>ALPI 4000</b><br><br>(scelta consigliata)<br>(recommended option)  | <b>B12T..N</b><br>FOR<br>STANDARD<br>FITTINGS |      | .04  | .05  | .06  | .08  | .10  | .12  | .16  |  |  |
|  |   |      |      | 19.0 | 20.6 | 23.5 | 27.3 | 31.1 | 39.0 |  |  |
|  |   |      | n.s. | n.s. | n.s. | n.s. | n.s. | n.s. | n.s. |  |  |
|  | <b>B1SC</b><br>FOR<br>STANDARD<br>FITTINGS    |      | .04  | .05  | .06  | .08  | .10  | .12  | .16  |  |  |
|  |   | 15.8 | 18.0 | 20.0 | 23.8 | 27.7 | 30.3 | 37.8 |      |  |  |
|  |   | ns   | ns   | ns   | ns   | ns   | ns   | ns   |      |  |  |

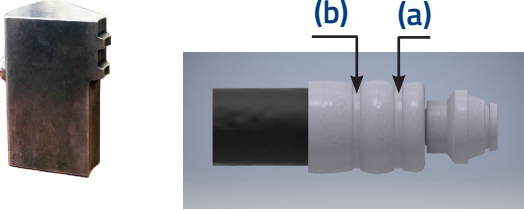
|  |   |      |      |      |      |      |      |      |      |      |      |      |
|--|---|------|------|------|------|------|------|------|------|------|------|------|
| <b>ICEBERG/1</b><br>EXCEED EN853 1SN SAE 100R1AT | <b>B1R</b><br>FOR<br>STANDARD<br>FITTINGS | .03  | .04  | .05  | .06  | .08  | .10  | .12  | .16  | .20  | .24  | .32  |
|  |   | 15.2 | 17.2 | 18.8 | 21.0 | 25.4 | 28.2 | 32.2 | 39.8 | 46.6 | 53.0 | 66.2 |
|  |   | 18   | 21   | 22   | 23   | 25   | 28   | 34   | 37   | 43   | 47   | 62   |

|  |   |      |      |      |      |      |      |      |      |      |      |      |
|--|---|------|------|------|------|------|------|------|------|------|------|------|
| <b>ICEBERG/2</b><br>EXCEED EN853 2SN SAE 100R2AT | <b>B2R</b><br>FOR<br>STANDARD<br>FITTINGS | .03  | .04  | .05  | .06  | .08  | .10  | .12  | .16  | .20  | .24  | .32  |
|  |   | 17.6 | 17.8 | 20.3 | 23.0 | 25.7 | 29.0 | 33.5 | 41.2 | 50.8 | 56.7 | 69.5 |
|  |   | 18.5 | 21   | 22   | 23   | 25   | 28   | 34   | 37   | 43   | 47   | 64   |

# BRAIDED HOSES

Tubi trecciati

| NOMINAL BORE      | DN     | 5     | 6    | 8     | 10   | 12   | 16   | 19   | 25   | 31     | 38     | 51   |
|-------------------|--------|-------|------|-------|------|------|------|------|------|--------|--------|------|
| INTERNAL DIAMETER | inches | 3/16" | 1/4" | 5/16" | 3/8" | 1/2" | 5/8" | 3/4" | 1"   | 1.1/4" | 1.1/2" | 2"   |
|                   | mm     | 4.8   | 6.4  | 7.9   | 9.5  | 12.8 | 16   | 19   | 25.4 | 31.8   | 38.1   | 50.8 |

|  |  |   |      |      |         |         |         |         |         |         |         |      |
|--|--|---|------|------|---------|---------|---------|---------|---------|---------|---------|------|
| ICEBERG/3  | B2R<br>FOR<br>STANDARD<br>FITTINGS     |   | .04  |      | .06     | .08     | .10     | .12     | .16     |         |         |      |
|  |  |   | 19.0 |      | 24.0    | 26.8    | 30.3    | 34.8    | 42.1    |         |         |      |
|  |  |   | 21   |      | 23      | 25      | 28      | 34      | 37      |         |         |      |
| VULCAN /1<br>EXCEED EN853 1SN SAE R1AT   | B1R<br>FOR<br>STANDARD<br>FITTINGS     | .03   | .04  | .05  | .06     | .08     | .10     | .12     | .16     | .20     | .24     | .32  |
|  |  | 15.2  | 17.2 | 18.8 | 21.0    | 25.4    | 28.2    | 32.2    | 39.8    | 46.6    | 53.0    | 66.2 |
|  |  | 18  | 21   | 22   | 23      | 25      | 28      | 34      | 37      | 43      | 47      | 62   |
| VULCAN /2<br>EXCEED EN853 2SN SAE R2AT   | B2R.. FOR<br>STANDARD<br>FITTINGS      | .03   | .04  | .05  | .06     | .08     | .10     | .12     | .16     | .20     | .24     | .32  |
|  |  | 17.6  | 17.8 | 20.3 | 23.0    | 25.7    | 29.0    | 33.5    | 41.2    | 50.8    | 56.7    | 69.5 |
|  |  | 18.5  | 21   | 22   | 23      | 25      | 28      | 34      | 37      | 43      | 47      | 64   |
| VULCAN AIR<br>EXCEED EN857 1SC<br><br>(scelta consigliata)<br>(recommended option) | BVA..<br>FOR<br>STANDARD<br>FITTINGS   |   | .04  | .05  | .06     | .08     | .10     | .12     | .16     | .20     | .24     |      |
|  |  |   |      |      | (a)15.8 | (a)21.0 | (a)24.5 | (a)27.8 | (a)35.0 | (a)41.2 | (a)47.5 |      |
|  |  |   |      |      | (b)16.3 | (b)21.5 | (b)25.0 | (b)28.3 | (b)35.5 | (b)41.7 | (b)48.0 |      |
| blocchetto<br>pressa   |  |  |      |      |         |         |         |         |         |         |         |      |
| PREMIER<br>PREMIER RW  | B12T..N<br>FOR<br>STANDARD<br>FITTINGS |   | .04  | .05  | .06     | .08     | .10     | .12     | .16     |         |         |      |
|  |  |   | 18.0 | 18.8 | 20.6    | 23.5    | 27.6    | 31.3    | 39.1    |         |         |      |
|  |  |   | n.s. | n.s. | n.s.    | n.s.    | n.s.    | n.s.    | n.s.    |         |         |      |
| PREMIER ONE<br>PREMIER ONE RW  | B1K<br>FOR<br>STANDARD<br>FITTINGS     |   | .04  | .05  | .06     | .08     | .10     | .12     | .16     |         |         |      |
|  |  |   | 14.6 | 16.6 | 17.8    | 21.7    | 25.8    | 29.3    | 36.4    |         |         |      |
|  |  |   | n.s. | n.s. | n.s.    | n.s.    | n.s.    | n.s.    | n.s.    |         |         |      |
| SMART ONE  | B1K<br>FOR<br>STANDARD<br>FITTINGS     |   | .04  | .05  | .06     | .08     | .10     | .12     | .16     |         |         |      |
|  |  |   | 14.6 |      | 17.8    | 21.7    | 26.4    | 29.5    | 37.9    |         |         |      |
|  |  |   | n.s. |      | n.s.    | n.s.    | n.s.    | n.s.    | n.s.    |         |         |      |
|  | B1SC FOR<br>STANDARD<br>FITTINGS       |   | .04  | .05  | .06     | .08     | .10     | .12     | .16     |         |         |      |
|  |  |   | 15.3 | 16.8 |         |         | 26.4    | 29.2    | 36.9    |         |         |      |
|  |  |   | n.s. | n.s. |         |         | n.s.    | n.s.    | n.s.    |         |         |      |
| SMART TWO  | B12T..N<br>FOR<br>STANDARD<br>FITTINGS |   | .04  | .05  | .06     | .08     | .10     | .12     | .16     |         |         |      |
|  |  |   | 18.0 | 19.0 | 20.6    | 23.5    | 27.4    | 31.1    | 39.1    |         |         |      |
|  |  |   | n.s. | n.s. | n.s.    | n.s.    | n.s.    | n.s.    | n.s.    |         |         |      |

# BRAIDED HOSES

## Tubi trecciati

| NOMINAL BORE      | DN     | 5     | 6    | 8     | 10   | 12   | 16   | 19   | 25   | 31     | 38     | 51   |
|-------------------|--------|-------|------|-------|------|------|------|------|------|--------|--------|------|
| INTERNAL DIAMETER | inches | 3/16" | 1/4" | 5/16" | 3/8" | 1/2" | 5/8" | 3/4" | 1"   | 1.1/4" | 1.1/2" | 2"   |
|                   | mm     | 4.8   | 6.4  | 7.9   | 9.5  | 12.8 | 16   | 19   | 25.4 | 31.8   | 38.1   | 50.8 |

|   |   |      |      |      |      |      |      |      |      |      |      |      |  |
|---|---|------|------|------|------|------|------|------|------|------|------|------|--|
| <b>DOLOMITI/1SN</b><br>EN 853 1SN - SAE100 R1AT<br><br>(scelta consigliata)<br>(recommended option) | <b>B12T..N</b><br>FOR STANDARD FITTINGS | .03  | .04  | .05  | .06  | .08  | .10  | .12  | .16  | .20  | .24  | .32  |  |
|   |   | 16.0 | 18.0 | 18.6 | 20.5 | 23.4 | 27.0 | 30.8 | 39.1 | 48.5 | 57.0 | 69.4 |  |
|   | <b>B1SC</b><br>FOR STANDARD FITTINGS    |      | .04  | .05  | .06  | .08  | .10  | .12  | .16  |      |      |      |  |
|   |   | 16.0 | 17.8 | 20.0 | 23.6 | 27.4 | 30.2 | 37.9 |      |      |      |      |  |
| <b>B1T</b><br>FOR STANDARD FITTINGS   | .03                                     | .04  | .05  | .06  | .08  | .10  | .12  | .16  | .20  | .24  |      |      |  |
|   | 15.4                                    | 16.4 | 18.2 | 20.1 | 24.2 | 26.4 | 30.8 | 38.9 | 46.6 | 54.2 |      |      |  |
| <b>B12T</b><br>FOR STANDARD FITTINGS  |   |      |      |      | .08  | .10  | .12  |      |      |      |      |      |  |
|   |   |      |      |      | 23.5 | 26.4 | 30.8 |      |      |      |      |      |  |

|   |   |      |      |      |      |      |      |      |      |      |      |      |  |
|---|---|------|------|------|------|------|------|------|------|------|------|------|--|
| <b>DOLOMITI/2SN</b><br>EN 853 2SN - SAE100 R2AT<br><br>(scelta consigliata)<br>(recommended option) | <b>B12T..N</b><br>FOR STANDARD FITTINGS | .03  | .04  | .05  | .06  | .08  | .10  | .12  | .16  | .20  | .24  | .32  |  |
|   |   | 16.7 | 19.0 | 19.6 | 21.3 | 24.4 | 28.2 | 32.0 | 40.3 | 51.0 | 59.0 | 72.7 |  |
|   | <b>B2T</b><br>FOR STANDARD FITTINGS     | .03  | .04  | .05  | .06  | .08  | .10  | .12  | .16  | .20  | .24  |      |  |
|   |   | 15.7 | 18.0 | 20.2 | 21.4 | 25.6 | 28.5 | 32.0 | 41.0 | 50.0 | 57.5 |      |  |
| <b>B12T</b><br>FOR STANDARD FITTINGS  |   |      |      |      | .08  | .10  | .12  |      |      |      |      |      |  |
|   |   |      |      |      | 24.4 | 27.2 | 32.0 |      |      |      |      |      |  |

|   |  |      |      |      |      |      |      |      |      |      |      |  |
|---|--|------|------|------|------|------|------|------|------|------|------|--|
| <b>DOLOMITI/1SC</b><br>EXCEED AN857 1SC<br><br>(scelta consigliata)<br>(recommended option) | <b>B1SC..</b><br>FOR STANDARD FITTINGS |      | .04  | .05  | .06  | .08  | .10  | .12  | .16  |      |      |  |
|   |  | 15.3 | 16.8 | 18.6 | 22.5 | 26.4 | 29.2 | 36.9 |      |      |      |  |
|   | <b>B1K</b><br>FOR STANDARD FITTINGS    | .04  | .05  | .06  | .08  | .10  | .12  | .16  | .20  | .24  | .32  |  |
|   |  | 15.0 | 16.3 | 18.6 | 22.7 | 26.4 | 29.5 | 37.9 | 44.8 | 50.8 | 64.6 |  |

|   |   |      |      |      |      |      |      |      |      |      |      |     |  |
|---|---|------|------|------|------|------|------|------|------|------|------|-----|--|
| <b>DOLOMITI/2SC</b><br>EXCEED AN857 2SC<br><br>(scelta consigliata)<br>(recommended option) | <b>B12T..N</b><br>FOR STANDARD FITTINGS |      | .04  | .05  | .06  | .08  | .10  | .12  | .16  | .20  | .24  | .32 |  |
|   |   | 18.2 | 19.0 | 20.6 | 23.5 | 27.4 | 31.1 | 39.1 | 48.7 | 56.2 | 71.0 |     |  |
|   | <b>B1SC</b><br>FOR STANDARD FITTINGS    |      | .04  | .05  | .06  | .08  | .10  | .12  | .16  |      |      |     |  |
|   |   | 16.2 | 18.0 | 20.0 | 23.8 | 27.8 | 30.3 | 37.9 |      |      |      |     |  |

° I DIAMETRI DI PRESSATURA INDICATI SONO VALIDI ANCHE PER LE VERSIONI

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**FOREVER AND EVERGREEN VERSIONS**



# SPIRAL HOSES

Tubi spiralati

|   | NOMINAL BORE                            | DN | 5                 | 6      | 8     | 10   | 12    | 16   | 19   | 25                | 31                | 38   | 51          |        |      |
|---|---|----|-------------------|--------|-------|------|-------|------|------|-------------------|-------------------|------|-------------|--------|------|
|   |   |    | INTERNAL DIAMETER | inches | 3/16" | 1/4" | 5/16" | 3/8" | 1/2" | 5/8"              | 3/4"              | 1"   | 1.1/4"      | 1.1/2" | 2"   |
|   |   |    |                   | mm     | 4.8   | 6.4  | 7.9   | 9.5  | 12.8 | 16                | 19                | 25.4 | 31.8        | 38.1   | 50.8 |
| <b>TEKNOSPIR/4SP</b><br>EN856 4SP<br><br>(impieghi severi)<br>(severe applications) | B9R<br>FOR<br>STANDARD<br>FITTINGS      |    |                   | .04    |       | .06  | .08   | .10  | .12  | .16               | .20               | .24  | .32         |        |      |
|   |   |    |                   | 19.2   |       | 23.2 | 26.3  | 29.8 | 33.5 | 41.8              | 54.6              | 58.5 | 74.6        |        |      |
|   |   |    |                   | 21     |       | 23   | 27    | 31   | 36   | 48                | 54                | 62   | 64          |        |      |
|   | KB4SH<br>FOR<br>INTERLOCK<br>FITTINGS   |    |                   |        |       |      |       |      |      | .12               | .16               |      |             |        |      |
|   |   |    |                   |        |       |      |       |      |      | 33.9              | 41.5              |      |             |        |      |
|   |   |    |                   |        |       |      |       |      |      | 15 in.<br>52 out. | 17 in.<br>67 out. |      |             |        |      |
|   | B5K<br>FOR<br>STANDARD<br>FITTINGS      |    |                   |        |       | .06  | .08   | .10  | .12  | .16               | B5K206            |      |             |        |      |
|   |   |    |                   |        |       | 25.8 | 28.5  | 32.9 | 36.0 | 43.5              | 57.0              |      |             |        |      |
|   |   |    |                   |        |       | n.s. | n.s.  | n.s. | n.s. | n.s.              | n.s.              |      |             |        |      |
|   | HB4NS<br>FOR<br>HYPERSPIRAL<br>FITTINGS |    |                   |        |       | .06  | .08   | .10  | .12  | .16               |                   |      |             |        |      |
|   |   |    |                   |        |       | 26.1 | 28.8  | 33.9 | 37.5 | 46.5              |                   |      |             |        |      |
|   |   |    |                   |        |       | n.s. | n.s.  | n.s. | n.s. | n.s.              |                   |      |             |        |      |
|   | HB6NS<br>FOR<br>HYPERSPIRAL<br>FITTINGS |    |                   |        |       |      |       |      |      |                   |                   | .20  | .24         |        |      |
|   |   |    |                   |        |       |      |       |      |      |                   |                   | 58.3 | coming soon |        |      |
|   |   |    |                   |        |       |      |       |      |      |                   |                   | n.s. | n.s.        |        |      |

|   |   |  |  |  |  |  |  |     |                   |                   |                   |                     |                   |                   |
|---|---|--|--|--|--|--|--|-----|-------------------|-------------------|-------------------|---------------------|-------------------|-------------------|
| <b>TEKNOSPIR/4SH</b><br>EN856 4SH<br><br>(impieghi severi)<br>(severe applications) | KB4SH<br>FOR<br>INTERLOCK<br>FITTINGS   |  |  |  |  |  |  | .10 | .12               | .16               | .20               | .24                 | .32               |                   |
|   |   |  |  |  |  |  |  |     | 31.8              | 33.9              | 41.5              | 50.2                | 57.2              | 74.2              |
|   |   |  |  |  |  |  |  |     | 14 in.<br>47.5out | 15 in.<br>52 out. | 17 in.<br>67 out. | 21.5 in.<br>74 out. | 22 in.<br>81 out. | 29 in.<br>85 out. |
|   | B4SH<br>FOR<br>STANDARD<br>FITTINGS     |  |  |  |  |  |  |     |                   |                   |                   | .20                 | .24               | .32               |
|   |   |  |  |  |  |  |  |     |                   |                   |                   | 47.2                | 58.0              | 70.5              |
|   |   |  |  |  |  |  |  |     |                   |                   |                   | 54                  | 62                | 64                |
|   | B5K<br>FOR<br>STANDARD<br>FITTINGS      |  |  |  |  |  |  |     | .12               | .16               | B5K204            |                     |                   |                   |
|   |   |  |  |  |  |  |  |     | 36.0              | 43.7              | 54.0              |                     |                   |                   |
|   |   |  |  |  |  |  |  |     | n.s.              | n.s.              | n.s.              |                     |                   |                   |
|   | HB4NS<br>FOR<br>HYPERSPIRAL<br>FITTINGS |  |  |  |  |  |  |     | .10               | .12               | .16               | .20                 | .24               |                   |
|   |   |  |  |  |  |  |  |     | 35.2              | 37.5              | 46.7              | 55.5                | 63.1              |                   |
|   |   |  |  |  |  |  |  |     | n.s.              | n.s.              | n.s.              | n.s.                | n.s.              |                   |

° I DIAMETRI DI PRESSATURA INDICATI SONO VALIDI ANCHE PER LE VERSIONI

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# SPIRAL HOSES

Tubi spiralati

| NOMINAL BORE      | DN     | 5     | 6    | 8     | 10   | 12   | 16   | 19   | 25   | 31     | 38     | 51   |
|-------------------|--------|-------|------|-------|------|------|------|------|------|--------|--------|------|
| INTERNAL DIAMETER | inches | 3/16" | 1/4" | 5/16" | 3/8" | 1/2" | 5/8" | 3/4" | 1"   | 1.1/4" | 1.1/2" | 2"   |
|                   | mm     | 4.8   | 6.4  | 7.9   | 9.5  | 12.8 | 16   | 19   | 25.4 | 31.8   | 38.1   | 50.8 |

|   |   |  |  |  |  |     |      |      |      |      |      |        |             |      |  |
|---|---|--|--|--|--|-----|------|------|------|------|------|--------|-------------|------|--|
| <p><b>TEKNOSPIR/12</b><br/>EN856 R12 SAE 100 R12</p> <p>Nota / Note :  </p> | B9R<br>FOR<br>STANDARD<br>FITTINGS      |  |  |  |  | .06 | .08  | .10  | .12  | .16  | .20  | .24    |             |      |  |
|   |   |  |  |  |  |     | 23.0 | 26.5 | 30.4 | 34.0 | 41.9 | 52.9   | 58.5        |      |  |
|   |   |  |  |  |  |     | 23   | 27   | 31   | 36   | 48   | 54     | 62          |      |  |
|   | B4SH<br>FOR<br>STANDARD<br>FITTINGS     |  |  |  |  |     |      |      |      |      |      |        | .24         | .32  |  |
|   |   |  |  |  |  |     |      |      |      |      |      |        | 58.9        | 70.6 |  |
|   |   |  |  |  |  |     |      |      |      |      |      |        | 62          | 64   |  |
|   | B5K<br>FOR<br>STANDARD<br>FITTINGS      |  |  |  |  |     | .06  | .08  | .10  | .12  | .16  | B5K206 |             |      |  |
|   |   |  |  |  |  |     | 26.2 | 27.6 | 32.3 | 35.8 | 43.5 | 57.0   |             |      |  |
|   |   |  |  |  |  |     | n.s. | n.s. | n.s. | n.s. | n.s. | n.s.   |             |      |  |
|   | HB4NS<br>FOR<br>HYPERSPIRAL<br>FITTINGS |  |  |  |  |     | .06  | .08  | .10  | .12  | .16  |        |             |      |  |
|   |   |  |  |  |  |     | 26.1 | 29.0 | 33.5 | 37.3 | 46.5 |        |             |      |  |
|   |   |  |  |  |  |     | n.s. | n.s. | n.s. | n.s. | n.s. |        |             |      |  |
|   | HB6NS<br>FOR<br>HYPERSPIRAL<br>FITTINGS |  |  |  |  |     |      |      |      |      |      | .20    | .24         |      |  |
|   |   |  |  |  |  |     |      |      |      |      |      | 58.3   | coming soon |      |  |
|   |   |  |  |  |  |     |      |      |      |      |      | n.s.   | n.s.        |      |  |

|   |   |  |  |  |  |  |  |  |     |                   |                   |                     |                   |                   |  |
|---|---|--|--|--|--|--|--|--|-----|-------------------|-------------------|---------------------|-------------------|-------------------|--|
| <p><b>TEKNOSPIR/13</b><br/>EN856 R12 SAE 100 R13</p> <p>Nota / Note :  </p> | KB4SH<br>FOR<br>INTERLOCK<br>FITTINGS   |  |  |  |  |  |  |  | .12 | .16               | .20               |                     |                   |                   |  |
|   |   |  |  |  |  |  |  |  |     | 34.7              | 42.2              | 49.8                |                   |                   |  |
|   |   |  |  |  |  |  |  |  |     | 15 in.<br>52 out. | 17 in.<br>67 out. | 21.5 in.<br>74 out. |                   |                   |  |
|   | KBH13<br>FOR<br>INTERLOCK<br>FITTINGS   |  |  |  |  |  |  |  |     |                   |                   |                     | .24               | .32               |  |
|   |   |  |  |  |  |  |  |  |     |                   |                   |                     | 59.7              | 78.2              |  |
|   |   |  |  |  |  |  |  |  |     |                   |                   |                     | 22 in.<br>81 out. | 29 in.<br>85 out. |  |
|   | HB4NS<br>FOR<br>HYPERSPIRAL<br>FITTINGS |  |  |  |  |  |  |  |     | .12               | .16               | .20                 |                   |                   |  |
|   |   |  |  |  |  |  |  |  |     | 37.5              | 46.5              | 55.5                |                   |                   |  |
|   |   |  |  |  |  |  |  |  |     | n.s.              | n.s.              | n.s.                |                   |                   |  |

|   |   |  |  |  |  |  |  |  |     |                   |                   |                     |                   |                   |  |
|---|---|--|--|--|--|--|--|--|-----|-------------------|-------------------|---------------------|-------------------|-------------------|--|
| <p><b>TEKNOSPIR/15</b><br/>EN856 R12 SAE 100 R15</p> <p>Nota / Note :  </p> | KB4SH<br>FOR<br>INTERLOCK<br>FITTINGS   |  |  |  |  |  |  |  | .12 | .16               |                   |                     |                   |                   |  |
|   |   |  |  |  |  |  |  |  |     | 33.9              | 41.5              |                     |                   |                   |  |
|   |   |  |  |  |  |  |  |  |     | 15 in.<br>52 out. | 17 in.<br>67 out. |                     |                   |                   |  |
|   | KBH13<br>FOR<br>INTERLOCK<br>FITTINGS   |  |  |  |  |  |  |  |     |                   |                   | .20                 | .24               | .32               |  |
|   |   |  |  |  |  |  |  |  |     |                   |                   | 54.6                | 61.3              | 77.4              |  |
|   |   |  |  |  |  |  |  |  |     |                   |                   | 21.5 in.<br>74 out. | 22 in.<br>81 out. | 29 in.<br>85 out. |  |
|   | HB4NS<br>FOR<br>HYPERSPIRAL<br>FITTINGS |  |  |  |  |  |  |  | .10 | .12               | .16               |                     |                   |                   |  |
|   |   |  |  |  |  |  |  |  |     | 34.5              | 37.5              | 46.7                |                   |                   |  |
|   |   |  |  |  |  |  |  |  |     | n.s.              | n.s.              | n.s.                |                   |                   |  |
|   | HB6NS<br>FOR<br>HYPERSPIRAL<br>FITTINGS |  |  |  |  |  |  |  |     |                   |                   | .20                 |                   |                   |  |
|   |   |  |  |  |  |  |  |  |     |                   |                   | 57.8                |                   |                   |  |
|   |   |  |  |  |  |  |  |  |     |                   |                   | n.s.                |                   |                   |  |



**SPIRAL  
HOSES**  
Tubi spiralati

| NOMINAL BORE      | DN     | 5            | 6           | 8            | 10          | 12          | 16          | 19          | 25        | 31            | 38            | 51        |
|-------------------|--------|--------------|-------------|--------------|-------------|-------------|-------------|-------------|-----------|---------------|---------------|-----------|
| INTERNAL DIAMETER | inches | <b>3/16"</b> | <b>1/4"</b> | <b>5/16"</b> | <b>3/8"</b> | <b>1/2"</b> | <b>5/8"</b> | <b>3/4"</b> | <b>1"</b> | <b>1.1/4"</b> | <b>1.1/2"</b> | <b>2"</b> |
|                   | mm     | 4.8          | 6.4         | 7.9          | 9.5         | 12.8        | 16          | 19          | 25.4      | 31.8          | 38.1          | 50.8      |

|              |   |  |  |  |  |  |  |  |  |  |               |             |             |  |
|--------------|---|--|--|--|--|--|--|--|--|--|---------------|-------------|-------------|--|
| EVEREST/3000 | B9R<br>FOR<br>STANDARD<br>FITTINGS      |  |  |  |  |  |  |  |  |  | .20           | .24         | .32         |  |
|              |   |  |  |  |  |  |  |  |  |  | coming soon   | 58.5        | coming soon |  |
|              |   |  |  |  |  |  |  |  |  |  | 54            | 62          | 64          |  |
|              | B5K<br>FOR<br>STANDARD<br>FITTINGS      |  |  |  |  |  |  |  |  |  | <b>B5K206</b> |             |             |  |
|              |   |  |  |  |  |  |  |  |  |  | 57            |             |             |  |
|              |   |  |  |  |  |  |  |  |  |  | n.s.          |             |             |  |
|              | HB6NS<br>FOR<br>HYPERSPIRAL<br>FITTINGS |  |  |  |  |  |  |  |  |  |               | .20         | .24         |  |
|              |   |  |  |  |  |  |  |  |  |  | 58.3          | coming soon |             |  |
|              |   |  |  |  |  |  |  |  |  |  | n.s.          | n.s.        |             |  |

|              |   |  |  |  |  |             |             |      |             |               |             |             |  |  |
|--------------|---|--|--|--|--|-------------|-------------|------|-------------|---------------|-------------|-------------|--|--|
| EVEREST/4000 | B9R<br>FOR<br>STANDARD<br>FITTINGS      |  |  |  |  | .08         | .10         | .12  | .16         | .20           | .24         | .32         |  |  |
|              |   |  |  |  |  | coming soon | coming soon | 34.0 | 42.0        | 53.2          | coming soon | coming soon |  |  |
|              |   |  |  |  |  | 27          | 31          | 36   | 48          | 54            | 62          | 64          |  |  |
|              | B5K<br>FOR<br>STANDARD<br>FITTINGS      |  |  |  |  | .08         | .10         | .12  | .16         | <b>B5K204</b> |             |             |  |  |
|              |   |  |  |  |  | 27.6        | 32.3        | 35.8 | 43.5        | 54.0          |             |             |  |  |
|              |   |  |  |  |  | n.s.        | n.s.        | n.s. | n.s.        | n.s.          |             |             |  |  |
|              | HB4NS<br>FOR<br>HYPERSPIRAL<br>FITTINGS |  |  |  |  | .08         | .10         | .12  | .16         | .20           | .24         |             |  |  |
|              |   |  |  |  |  | 28.7        | 33.5        | 37.3 | coming soon | 55.5          | 63.1        |             |  |  |
|              |   |  |  |  |  | n.s.        | n.s.        | n.s. | n.s.        | n.s.          | n.s.        |             |  |  |

|              |   |  |  |  |  |             |      |      |                   |                   |                     |                   |                   |  |
|--------------|---|--|--|--|--|-------------|------|------|-------------------|-------------------|---------------------|-------------------|-------------------|--|
| EVEREST/5000 | KB4SH<br>FOR<br>INTERLOCK<br>FITTING    |  |  |  |  |             |      | .12  | .16               | .20               |                     |                   |                   |  |
|              |   |  |  |  |  |             |      |      | 33.9              | 41.3              | 49.8                |                   |                   |  |
|              |   |  |  |  |  |             |      |      | 15 in.<br>52 out. | 17 in.<br>67 out. | 21.5 in.<br>74 out. |                   |                   |  |
|              | KBH13<br>FOR<br>INTERLOCK<br>FITTINGS   |  |  |  |  |             |      |      |                   |                   |                     | .24               | .32               |  |
|              |   |  |  |  |  |             |      |      |                   |                   |                     | 59.7              | 78.2              |  |
|              |   |  |  |  |  |             |      |      |                   |                   |                     | 22 in.<br>81 out. | 29 in.<br>85 out. |  |
|              | B9R<br>FOR<br>STANDARD<br>FITTINGS      |  |  |  |  | .08         | .10  | .12  | .16               | .20               |                     |                   |                   |  |
|              |   |  |  |  |  | coming soon | 29.2 | 33.2 | 41.6              | 52.1              |                     |                   |                   |  |
|              |   |  |  |  |  | 27          | 31   | 36   | 48                | 54                |                     |                   |                   |  |
|              | B5K<br>FOR<br>STANDARD<br>FITTINGS      |  |  |  |  | .08         | .10  | .12  | .16               | <b>B5K204</b>     |                     |                   |                   |  |
|              |   |  |  |  |  | 28.5        | 32.9 | 36.0 | 43.5              | 54.0              |                     |                   |                   |  |
|              |   |  |  |  |  | n.s.        | n.s. | n.s. | n.s.              | n.s.              |                     |                   |                   |  |
|              | HB4NS<br>FOR<br>HYPERSPIRAL<br>FITTINGS |  |  |  |  | .08         | .10  | .12  | .16               | .20               |                     |                   |                   |  |
|              |   |  |  |  |  | 28.8        | 33.9 | 37.5 | 46.5              | 55.5              |                     |                   |                   |  |
|              |   |  |  |  |  | n.s.        | n.s. | n.s. | n.s.              | n.s.              |                     |                   |                   |  |

# SPIRAL HOSES

Tubi spiralati

| NOMINAL BORE      | DN     | 5     | 6    | 8     | 10   | 12   | 16   | 19   | 25   | 31     | 38     | 51   |
|-------------------|--------|-------|------|-------|------|------|------|------|------|--------|--------|------|
| INTERNAL DIAMETER | inches | 3/16" | 1/4" | 5/16" | 3/8" | 1/2" | 5/8" | 3/4" | 1"   | 1.1/4" | 1.1/2" | 2"   |
|                   | mm     | 4.8   | 6.4  | 7.9   | 9.5  | 12.8 | 16   | 19   | 25.4 | 31.8   | 38.1   | 50.8 |

|              |                                   |  |             |     |             |             |             |      |      |                   |                     |                   |                   |  |
|--------------|-----------------------------------|--|-------------|-----|-------------|-------------|-------------|------|------|-------------------|---------------------|-------------------|-------------------|--|
| EVEREST/6000 | KB4SH<br>FOR INTERLOCK FITTING    |  |             |     |             |             |             |      | .12  | .16               |                     |                   |                   |  |
|              |                                   |  |             |     |             |             |             |      |      | 33.9              | 41.3                |                   |                   |  |
|              |                                   |  |             |     |             |             |             |      |      | 15 in.<br>52 out. | 17 in.<br>67 out.   |                   |                   |  |
|              | KBH13<br>FOR INTERLOCK FITTING    |  |             |     |             |             |             |      |      |                   | .20                 | .24               | .32               |  |
|              |                                   |  |             |     |             |             |             |      |      |                   | 53.3                | 60.5              | coming soon       |  |
|              |                                   |  |             |     |             |             |             |      |      |                   | 21.5 in.<br>74 out. | 22 in.<br>81 out. | 29 in.<br>85 out. |  |
|              | HB4NS<br>FOR HYPERSPIRAL FITTINGS |  |             |     |             | .06         | .08         | .10  | .12  | .16               |                     |                   |                   |  |
|              |                                   |  |             |     |             | 26.1        | 29.0        | 33.7 | 37.5 | 46.7              |                     |                   |                   |  |
|              |                                   |  |             |     |             | n.s.        | n.s.        | n.s. | n.s. | n.s.              |                     |                   |                   |  |
|              | HB6NS<br>FOR HYPERSPIRAL FITTINGS |  |             |     |             |             |             |      |      |                   | .20                 |                   |                   |  |
|              |                                   |  |             |     |             |             |             |      |      |                   | 57.8                |                   |                   |  |
|              |                                   |  |             |     |             |             |             |      |      |                   | n.s.                |                   |                   |  |
|              | B9R<br>FOR STANDARD FITTINGS      |  |             | .04 |             | .06         | .08         | .10  |      |                   |                     |                   |                   |  |
|              |                                   |  | coming soon |     | coming soon | coming soon | coming soon |      |      |                   |                     |                   |                   |  |
|              |                                   |  | 21          |     | 23          | 27          | 31          |      |      |                   |                     |                   |                   |  |

|                             |                                |  |  |  |                   |                   |  |                   |  |  |  |  |  |
|-----------------------------|--------------------------------|--|--|--|-------------------|-------------------|--|-------------------|--|--|--|--|--|
| TEKNOBLAST<br>AS/NZS 4233.2 | WB4<br>FOR WATERBLAST-FITTINGS |  |  |  | .06               | .08               |  | .12               |  |  |  |  |  |
|                             |                                |  |  |  | 24.4              | 28.2              |  | 38.6              |  |  |  |  |  |
|                             |                                |  |  |  | 15 in.<br>47 out. | 16 in.<br>52 out. |  | 19 in.<br>54 out. |  |  |  |  |  |

|                                  |                                |  |  |  |                   |                   |  |                   |                   |  |  |  |  |
|----------------------------------|--------------------------------|--|--|--|-------------------|-------------------|--|-------------------|-------------------|--|--|--|--|
| TEKNOBLAST PLUS<br>AS/NZS 4233.2 | WB4<br>FOR WATERBLAST-FITTINGS |  |  |  | .06               | .08               |  | .12               | .16               |  |  |  |  |
|                                  |                                |  |  |  | 24.6              | 29.1              |  | 38.9              | 41.5              |  |  |  |  |
|                                  |                                |  |  |  | 15 in.<br>47 out. | 16 in.<br>52 out. |  | 19 in.<br>54 out. | 17 in.<br>57 out. |  |  |  |  |

|                                    |                                |  |  |  |  |     |  |                   |  |  |  |  |
|------------------------------------|--------------------------------|--|--|--|--|-----|--|-------------------|--|--|--|--|
| TEKNOBLAST<br>SUPERB AS/NZS 4233.2 | WB6<br>FOR WATERBLAST-FITTINGS |  |  |  |  | .08 |  | .12               |  |  |  |  |
|                                    |                                |  |  |  |  | -   |  | 41.2              |  |  |  |  |
|                                    |                                |  |  |  |  | -   |  | 19 in.<br>54 out. |  |  |  |  |

Nota: Data la larga tolleranza ammessa sulle dimensioni dei tubi, le quote di pressatura espresse sono indicative, si consiglia pertanto di utilizzare sempre i tamponi passa non passa per verificare il giusto collasso del codolo.

Note: Considering the wide tolerance admitted on the hoses dimensions, the expressed crimping diameters have to be considered as approximate; therefore, it is recommended to use always the go – no go gauge in order to check the tail collapse.

## TERMOPLASTIC HOSES

| HOSES | DN/DASH SIZE | 0,2/-03 | 0,2/-04 | 0,3/-05 | 0,4/-06 | 0,5/-08 | 0,6/-10 | 0,7/-12 | 1,0/-12 | 1,2/-20 | 1,5/-24 | 2,0/-32 |
|-------|--------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
|       | FERRULES     | 3/16"   | 1/4"    | 5/16"   | 3/8"    | 1/2"    | 5/8"    | 3/4"    | 1"      | 1.1/4"  | 1.1/2"  | 2"      |

|   |     |       |       |       |       |       |       |       |       |  |  |  |  |
|---|-----|-------|-------|-------|-------|-------|-------|-------|-------|--|--|--|--|
| <b>R7*</b><br>THERMO-PLASTIC<br><br>* Diametri di pressatura su tubo ZEC<br>* Crimping diameter on ZEC hose | B7R | B7R03 | B7R04 | B7R05 | B7R06 | B7R08 | B7R10 | B7R12 | B7R16 |  |  |  |  |
|   |     | 11.8  | 14.1  | 16.2  | 18.2  | 22.2  | 25.6  | 29.0  | 36.8  |  |  |  |  |
|   |     | n.s.  | n.s.  | n.s.  | n.s.  | n.s.  | n.s.  | n.s.  | n.s.  |  |  |  |  |
|   | B1K |       | B1K04 | B1K05 | B1K06 | B1K08 |       |       |       |  |  |  |  |
|   |     |       | 14.0  | 17.0  | 17.6  | 22.8  |       |       |       |  |  |  |  |
|   |     |       | n.s.  | n.s.  | n.s.  | n.s.  |       |       |       |  |  |  |  |

|  |     |       |       |       |       |       |       |       |       |  |  |  |  |
|--|-----|-------|-------|-------|-------|-------|-------|-------|-------|--|--|--|--|
| <b>R7 MTH1*</b><br>THERMO-PLASTIC<br><br>* Diametri di pressatura su tubo ZEC<br>* Crimping diameter on ZEC hose | B7R | B7R03 | B7R04 | B7R05 | B7R06 | B7R08 | B7R10 | B7R12 | B7R16 |  |  |  |  |
|  |     | 11.8  | 14.1  | 16.2  | 18.2  | 22.2  | 25.6  | 29.0  | 36.8  |  |  |  |  |
|  |     | n.s.  | n.s.  | n.s.  | n.s.  | n.s.  | n.s.  | n.s.  | n.s.  |  |  |  |  |
|  | B1K |       | B1K04 | B1K05 | B1K06 | B1K08 |       |       |       |  |  |  |  |
|  |     |       | 13.8  | 17.0  | 18.0  | 21.7  |       |       |       |  |  |  |  |
|  |     |       | n.s.  | n.s.  | n.s.  | n.s.  |       |       |       |  |  |  |  |

## PTFE

| HOSES | DN/DASH SIZE | 0,2/-03 | 0,2/-04 | 0,3/-05 | 0,4/-06 | 0,5/-08 | 0,6/-10 | 0,7/-12 | 1,0/-16 | 1,2/-20 | 1,5/-24 | 2,0/-32 |
|-------|--------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
|       | FERRULES     | 3/16"   | 1/4"    | 5/16"   | 3/8"    | 1/2"    | 5/8"    | 3/4"    | 1"      | 1.1/4"  | 1.1/2"  | 2"      |

|  |        |         |          |         |          |          |          |          |          |          |          |          |
|--|--------|---------|----------|---------|----------|----------|----------|----------|----------|----------|----------|----------|
| <b>PTFE</b> LISCIO (SMOOTH)<br>1BRAID *  | BPTFE  | BPTFE03 | BPTFE04  | BPTFE05 | BPTFE06  | BPTFE08  | BPTFE10  | BPTFE12  | BPTFE16  |          |          |          |
|  |        | 11.0    | 13.1     | 14.7    | 16.2     | 20.8     | 22.2     | 27.9     | 34.5     |          |          |          |
| <b>PTFE</b> LISCIO (SMOOTH)<br>2BRAIDS * |        | BPTFE03 | B7R04    | B7R05   | B7R06    | BPTFE08  | B7R10    |          | B7R16    |          |          |          |
|  |        | 12.0    | 12.8     | 15.5    | 16.8     | 21.1     | 24.4     |          | 34.7     |          |          |          |
| <b>PTFE</b><br>CORRUGATO (CORRUGATED)    | BPTFEC |         | BPTFEC04 |         | BPTFEC06 | BPTFEC08 | BPTFEC10 | BPTFEC12 | BPTFEC16 | BPTFEC20 | BPTFEC24 | BPTFEC32 |
|  |        |         | 12.8     |         | 16.0     | 19.4     | 22.2     | 26.2     | 32.6     | 45.0     | 50.4     | 63       |
|  | B7R    |         | B7R04    |         |          |          | B7R10    |          |          |          |          |          |
|  |        |         | 12.8     |         |          |          | 24.3     |          |          |          |          |          |

\* VALIDO ANCHE PER TUBO CONDUTTIVO  
(ALSO VALID FOR CONDUCTING TUBE)




## TEXTILE HOSES

| HOSES                                       | DN/DASH SIZE | 0,2/-03 | 0,2/-04 | 0,3/-05 | 0,4/-06 | 0,5/-08 | 0,6/-10 | 0,7/-12 | 1,0/-12 | 1,2/-20 | 1,5/-24 | 2,0/-32 |
|---|--------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
|   | FERRULES     | 3/16"   | 1/4"    | 5/16"   | 3/8"    | 1/2"    | 5/8"    | 3/4"    | 1"      | 1.1/4"  | 1.1/2"  | 2"      |
| 1TE/R6                                      | B7R          |         | B7R04   | B7R05   | B7R06   | B7R08   | B7R10   | B7R12   |         |         |         |         |
|   |              |         | 15.0    | 16.6    | 18.4    | 22.6    | 26.1    | 29.3    |         |         |         |         |
|   | B1K          |         | B1K04   | B1K05   | B1K06   | B1K08   | B1K10   | B1K12   | B1K16   |         |         |         |
|   |              |         | 15.2    | 16.7    | 18.1    | 22.2    | 26.7    | 29.8    | 36.8    |         |         |         |
| B1T   | B1T03        |         |         |         |         |         |         |         |         |         |         |         |
|   |              | 15.2    |         |         |         |         |         |         |         |         |         |         |
| B6R   | B6R03        |         |         |         |         |         |         |         |         |         |         |         |
|   |              | 12.1    |         |         |         |         |         |         |         |         |         |         |
| 2TE<br>2TE RW                               | B7R          |         | B7R04   | B7R05   | B7R06   | B7R08   |         |         |         |         |         |         |
|   |              |         | 15.5    | 16.7    | 18.5    | 23.1    |         |         |         |         |         |         |
|   | B1K          |         | B1K04   | B1K05   | B1K06   | B1K08   |         | B1K12   |         |         | B1K24   |         |
|   |              |         | 15.2    | 17.3    | 18.6    | 22.9    |         | 30      |         |         | 52.0    |         |
| B1T   | B1T03        |         |         |         |         |         |         |         |         |         |         |         |
|   |              | 16.0    |         |         |         |         |         |         |         |         |         |         |
| B3R   |              |         |         |         |         |         | B3R10   | B3R12   | B3R16   | B3R20   |         |         |
|   |              |         |         |         |         |         | 27.1    | 32.5    | 40.8    | 46.5    |         |         |
| 3TE 3TE RW                                  |              | B1T03   | B3R04   | B3R05   | B3R06   | B3R08   | B3R10   | B3R12   | B3R16   | B3R20   | B1T24   |         |
|   |              | 15.8    | 15.6    | 19.5    | 21.5    | 24.4    | 28.4    | 32.9    | 41.2    | 46.5    | 53.5    |         |
| R3<br>TEXTILES HOSES                        | B3R          |         |         |         |         | B3R08   | B3R10   | B3R12   | B3R16   |         |         |         |
|   |              |         |         |         |         | 25.0    | 28.5    | 35.8    | 41.2    |         |         |         |
| R4<br>TEXTILES HOSES<br>LISCIO (SMOOTH)     |              |         |         |         |         |         |         | B3R12   | B3R16   | B3R20   | B12T24N | B12T32N |
|   |              |         |         |         |         |         |         | 34.0    | 42.4    | 48.8    | 58.7    | 71.7    |
| R4<br>SAUGFLEX X- PLUS-G<br>LISCIO (SMOOTH) |              |         |         |         |         |         |         | B3R12   | B3R16   | B3R20   | B1T24   | B12T32N |
|   |              |         |         |         |         |         |         | 33.5    | 41.9    | 47.8    | 54.7    | 73.7    |
| R4<br>SAUGFLEX<br>CORRUGATO (CORRUCATED)    |              |         |         |         |         |         |         | B3R12   | B3R16   | B3R20   | B1T24   | B12T32N |
|   |              |         |         |         |         |         |         | 30.8    | 41.7    | 47.8    | 55.0    | 70.2    |
| CLEAN FARM                                  | B1SC         |         |         |         |         | B1SC08  |         |         |         |         |         |         |
|   |              |         |         |         |         | 24.4    |         |         |         |         |         |         |
| B1K   |              |         |         |         |         | B1K08   |         |         |         |         |         |         |
|   |              |         |         |         |         | 23.2    |         |         |         |         |         |         |
| R8*<br>TEXTILES HOSES                       |              | B7R03   | B1K04   | B1K05   | B1K06   | B1K08   |         |         |         |         |         |         |
|   |              | 11.8    | 14.0    | 16.7    | 17.7    | 22.4    |         |         |         |         |         |         |
| R18<br>TEXTILES HOSES                       | B1SC         |         | B1SC04  | B1SC05  | B1SC06  |         |         |         |         |         |         |         |
|   |              |         | 15.3    | 18      | 20.0    |         |         |         |         |         |         |         |

# CLEANER HOSES

Tubi idropulitrice

| NOMINAL BORE      | DN     | 5     | 6    | 8     | 10   | 12   | 16   | 19   | 25   | 31     | 38     | 51   |
|-------------------|--------|-------|------|-------|------|------|------|------|------|--------|--------|------|
| INTERNAL DIAMETER | inches | 3/16" | 1/4" | 5/16" | 3/8" | 1/2" | 5/8" | 3/4" | 1"   | 1.1/4" | 1.1/2" | 2"   |
|                   | mm     | 4.8   | 6.4  | 7.9   | 9.5  | 12.8 | 16   | 19   | 25.4 | 31.8   | 38.1   | 50.8 |

|  |   |   |      |      |      |      |      |      |      |  |  |  |  |
|--|---|---|------|------|------|------|------|------|------|--|--|--|--|
| <b>TEKNOJET/1SN</b><br>IEC-60335-2<br><br>(scelta consigliata)<br>(recommended option) |    | <b>B12T..N</b><br>FOR STANDARD FITTINGS |      | .04  | .05  | .06  | .08  |      |      |  |  |  |  |
|  |   |   | 18.0 | 18.6 | 20.5 | 23.4 |      |      |      |  |  |  |  |
|  |   |   | n.s. | n.s. | n.s. | n.s. |      |      |      |  |  |  |  |
|  |   | <b>B1R</b><br>FOR STANDARD FITTINGS     |      | .04  | .05  | .06  | .08  |      |      |  |  |  |  |
|  |   |   |      | 17.2 | 18.8 | 21.0 | 25.4 |      |      |  |  |  |  |
|  |   |   |      | 21   | 22   | 23   | 25   |      |      |  |  |  |  |
|  |   | <b>B1SC</b> FOR STANDARD FITTINGS       |      | .04  | .05  | .06  | .08  |      |      |  |  |  |  |
|  |   |   |      | 16.0 | 17.8 | 20.0 | 23.6 |      |      |  |  |  |  |
|  |   |   |      | n.s. | n.s. | n.s. | n.s. |      |      |  |  |  |  |
| <b>TEKNOJET/2SN</b><br>IEC-60335-2<br><br>(scelta consigliata)<br>(recommended option) |    | <b>B2R</b><br>FOR STANDARD FITTINGS     |      | .04  | .05  | .06  | .08  |      |      |  |  |  |  |
|  |   |   |      | 17.8 | 20.3 | 23.0 | 25.7 |      |      |  |  |  |  |
|  |   |   |      | 21   | 22   | 23   | 25   |      |      |  |  |  |  |
|  |   | <b>B12T..N</b><br>FOR STANDARD FITTINGS |      | .04  | .05  | .06  | .08  |      |      |  |  |  |  |
|  |   |   |      | 19.0 | 19.6 | 21.3 | 24.4 |      |      |  |  |  |  |
|  |   |   |      | n.s. | n.s. | n.s. | n.s. |      |      |  |  |  |  |
| <b>TEKNOJET/1SC</b><br>IEC-60335-2   |   | <b>B1SC</b> FOR STANDARD FITTINGS       |      | .04  | .05  | .06  | .08  |      |      |  |  |  |  |
|  |   |   |      | 15.3 | 16.8 | 18.6 | 22.5 |      |      |  |  |  |  |
|  |   |   |      | n.s. | n.s. | n.s. | n.s. |      |      |  |  |  |  |
| <b>TEKNOJET/2SC</b><br>IEC-60335-2<br><br>(scelta consigliata)<br>(recommended option) |  | <b>B12T..N</b><br>FOR STANDARD FITTINGS |      | .04  | .05  | .06  | .08  |      |      |  |  |  |  |
|  |   |   |      | 18.2 | 19.0 | 20.9 | 23.5 |      |      |  |  |  |  |
|  |   |   |      | n.s. | n.s. | n.s. | n.s. |      |      |  |  |  |  |
|  |   | <b>B1SC</b> FOR STANDARD FITTINGS       |      | .04  | .05  | .06  | .08  |      |      |  |  |  |  |
|  |   |   |      | 16.2 | 18.0 | 20.0 | 23.8 |      |      |  |  |  |  |
|  |   |   |      | n.s. | n.s. | n.s. | n.s. |      |      |  |  |  |  |
| <b>TEKNOJET/1ST</b><br>IEC-60335-2   |   | <b>B1R</b><br>FOR STANDARD FITTINGS     |      | .04  | .05  | .06  | .08  |      |      |  |  |  |  |
|  |   |   |      | 17.2 | 18.8 | 21.0 | 25.4 |      |      |  |  |  |  |
|  |   |   |      | 21   | 22   | 23   | 25   |      |      |  |  |  |  |
| <b>TEKNOJET/2ST</b><br>IEC-60335-2   |   | <b>B2R</b><br>FOR STANDARD FITTINGS     |      | .04  | .05  | .06  | .08  |      |      |  |  |  |  |
|  |   |   |      | 17.8 | 20.3 | 23.0 | 25.7 |      |      |  |  |  |  |
|  |   |   |      | 21   | 22   | 23   | 25   |      |      |  |  |  |  |
| <b>TEKNOJET/PLUS 1SN</b>   |   | <b>B1R</b><br>FOR STANDARD FITTINGS     |      | .04  | .05  | .06  | .08  |      |      |  |  |  |  |
|  |   |   |      | 17.2 | 18.8 | 21.0 | 25.4 |      |      |  |  |  |  |
|  |   |   |      | 21   | 22   | 23   | 25   |      |      |  |  |  |  |
| <b>TEKNOJET/PLUS 2SN</b>   |   | <b>B2R</b><br>FOR STANDARD FITTINGS     |      | .04  | .05  | .06  | .08  |      |      |  |  |  |  |
|  |   |   |      | 17.8 | 20.3 | 23.0 | 25.7 |      |      |  |  |  |  |
|  |   |   |      | 21   | 22   | 23   | 25   |      |      |  |  |  |  |
| <b>SEWER CLEANING</b>  |   | <b>B1SC</b> FOR STANDARD FITTINGS       |      |      |      |      | .08  | .12  | .16  |  |  |  |  |
|  |   |   |      |      |      |      | 22.5 | 29.1 | 36.9 |  |  |  |  |
|  |   |   |      |      |      |      | n.s. | n.s. | *3   |  |  |  |  |
|  |   | <b>B1R</b><br>FOR STANDARD FITTINGS     |      |      |      |      | .08  | .12  | .16  |  |  |  |  |
|  |   |   |      |      |      |      | 24.3 | 31.3 | *    |  |  |  |  |
|  |   |   |      |      |      |      | 25   | 34   | 37   |  |  |  |  |

\*\* Please check compatibility with hose external diameter, that may change depending on the manufacturer's

\*\* Verificare la compatibilità con il diametro esterno del tubo che potrebbe variare a seconda della casa costruttrice.

# ASSEMBLY INSTRUCTIONS

## Istruzioni di assemblaggio

**1- Scegliere il tubo (A), le boccole (B) e gli inserti (C)**

**2- Tagliare il tubo alla lunghezza richiesta, usando una lama rotante di acciaio.**

**3- Se è richiesta la spellatura esterna, asportare più gomma della copertura possibile, fino alla “lunghezza di spellatura” specificata nella presente tabella, evitando di danneggiare i fili di acciaio del rinforzo.**

**4- Posizionare la boccola sul tubo.**

**Inserire l’inserto nel tubo.**

**Selezionare la “SPINA di CONTROLLO COLLASSO”**

**Inserire la SPINA nel foro dell’inserto.**

**La parte “Non Passa” deve entrare completamente nel foro dell’inserto.**

**Rimuovere la SPINA.**

**5- Pressare la boccola al diametro di pressatura specificato nella tabella.**

**6- Controllare il diametro di pressatura misurandolo su ogni coppia di morsetti.**

**Le misure vanno prese al centro della lunghezza della boccola.**

**Tutte le misure prese devono essere in accordo con il diametro di pressatura specificato (+0,01-0,2 mm.).**

**7- Inserire la “SPINA di CONTROLLO COLLASSO”.**

**8- Se la parte “Non passa” della “SPINA di CONTROLLO COLLASSO” si blocca nel foro, il diametro di pressatura ed il collasso del foro sono corretti.**

**9 - Se la parte “Non passa” della “SPINA di CONTROLLO COLLASSO” entra completamente nel foro, il diametro di pressatura deve essere ridotto, di decimo in decimo**

**10 Se la parte “Passa” della “SPINA di CONTROLLO non entra nel foro, il diametro di pressatura deve essere aumentato,**

*1- Select the hose (A), ferrules (B) and inserts (C)*

*2- Cut the hose squarely using a rotary steel blade to the required length.*

*3- If skiving is required, remove all rubber cover to the “skiving length” specified in the table, avoiding damages to the steel wires reinforcement.*

*4- Place the ferrule fully onto the hose.*

*Push the insert fully into the hose.*

*Select the “COLLAPSE CONTROL MANOREL”*

*Insert the MANOREL into the insert bore.*

*The “NO GO” part of the MANOREL must fully go into the insert bore. .*

*Remove the MANOREL.*

*5-Crimp the ferrule to the diameter specified in the table*

*6- Inspect the crimp diameter by measuring it on each die impressions. All measurements must be taken in the center of ferrule length.*

*All measurements must be according to the specified crimping diameters, within a tolerance +0,01-0,2 mm.*

*7- Insert the “COLLAPSE CONTROL MANOREL”.*

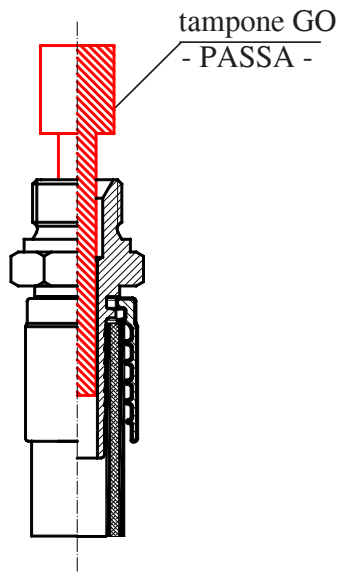
*8- If the “NO GO” part of the MANDREL stops in the bore the crimping diameter and the bore collapse are correct.*

*9- If the “NO GO” part of the MANDREL goes through the bore, the crimping diameter must be reduced by increments of 0,1 mm*

*10- If the “GO” part of the MANDREL does not go through the bore, the crimping diameter must be increased.*

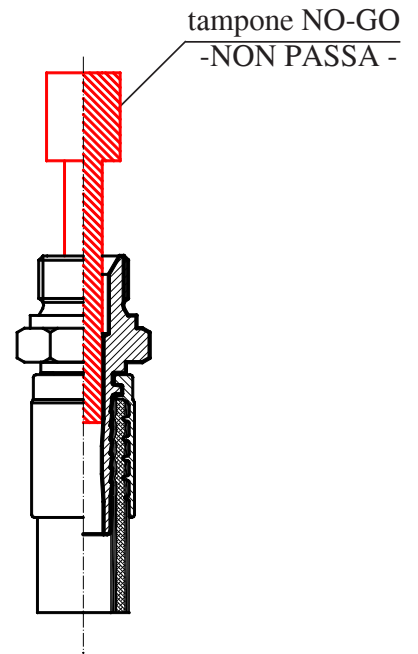
## BEFORE PRESSING

Prima della pressatura



## AFTER PRESSING

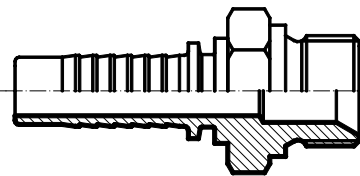
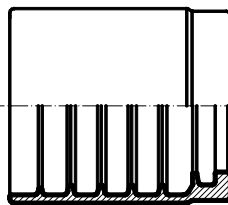
Dopo la pressatura



A

B

C



# INSERT BORE COLLAPSE CONTROL

Controllo del collasso foro

## WIRE BRAIDED HOSES STANDARD FITTINGS

| NOMINAL SIZE |        | GO, NO GO MANDRELS DIAMETERS (mm) |       |
|--------------|--------|-----------------------------------|-------|
|              |        | GO                                | NO-GO |
| 03           | 3/16"  | 2.30                              | 2.80  |
| 04           | 1/4"   | 3.30                              | 3.75  |
| 05           | 5/16"  | 4.70                              | 5.20  |
| 06           | 3/8"   | 6.05                              | 6.55  |
| 08           | 1/2"   | 8.35                              | 8.75  |
| 10           | 5/8"   | 10.85                             | 11.40 |
| 12           | 3/4"   | 13.50                             | 13.80 |
| 16           | 1"     | 18.50                             | 19.20 |
| 20           | 1.1/4" | 23.05                             | 23.90 |
| 24           | 1.1/2" | 29.80                             | 30.70 |
| 32           | 2"     | 41.60                             | 42.60 |



## WIRE SPIRAL HOSES STANDARD FITTINGS

| NOMINAL SIZE |        | GO, NO GO MANDRELS DIAMETERS (mm) |       |
|--------------|--------|-----------------------------------|-------|
|              |        | GO                                | NO-GO |
| 04           | 1/4"   | 3.15                              | 3.60  |
| 06           | 3/8"   | 5.60                              | 6.25  |
| 08           | 1/2"   | 7.60                              | 8.40  |
| 10           | 5/8"   | 10.05                             | 10.90 |
| 12           | 3/4"   | 12.35                             | 13.30 |
| 16           | 1"     | 17.30                             | 18.35 |
| 20           | 1.1/4" | 22.25                             | 23.35 |
| 24           | 1.1/2" | 29.15                             | 30.30 |
| 32           | 2"     | 40.7                              | 42.0  |

## WIRE SPIRAL HOSES INTERLOCK FITTINGS

| NOMINAL SIZE |        | GO, NO GO MANDRELS DIAMETERS (mm) |       |
|--------------|--------|-----------------------------------|-------|
|              |        | GO                                | NO-GO |
| 12           | 3/4"   | 12.15                             | 13.10 |
| 16           | 1"     | 16.50                             | 17.55 |
| 20           | 1.1/4" | 22.25                             | 23.35 |
| 24           | 1.1/2" | 27.15                             | 28.3  |
| 32           | 2"     | 38.7                              | 40.0  |

# HOW TO READ THIS CHART

| FERRULE TYPE                         |   | DN   |      |      |      |      |      |      |      |      |      |      |
|--------------------------------------|---|------|------|------|------|------|------|------|------|------|------|------|
|                                      |   | 03   | 04   | 05   | 06   | 08   | 10   | 12   | 16   | 20   | 24   | 32   |
| HOSE TYPE<br><b>TEKNO/1SN</b>        | <b>B12T..N</b><br>FOR STANDARD FITTINGS | 16.0 | 18.0 | 18.6 | 20.5 | 23.4 | 27.0 | 30.8 | 39.1 | 48.5 | 57.0 | 69.4 |
|                                      |   | n.s. | n.s. | n.s. | n.s. | n.s. | n.s. | n.s. | n.s. | n.s. | n.s. | n.s. |
|                                      | <b>B1SC</b><br>FOR STANDARD FITTINGS    |      | 04   | 05   | 06   | 08   | 10   | 12   | 16   |      |      |      |
|                                      |   | 16.0 | 17.8 | 20.0 | 23.6 | 27.4 | 30.2 | 38.9 |      |      |      |      |
|                                      |   | n.s. | n.s. | n.s. | n.s. | n.s. | n.s. | n.s. |      |      |      |      |
| <b>B1T</b><br>FOR STANDARD FITTINGS  |   | 03   | 04   | 05   | 06   | 08   | 10   | 12   | 16   | 20   | 24   |      |
|                                      | 15.4                                    | 16.4 | 18.2 | 20.1 | 24.2 | 26.4 | 30.8 | 38.9 | 48.3 | 54.2 |      |      |
|                                      |   | n.s. | n.s. | n.s. | n.s. | n.s. | n.s. | n.s. | n.s. | n.s. |      |      |
| <b>B12T</b><br>FOR STANDARD FITTINGS |   |      |      |      | 08   | 10   | 12   |      |      |      |      |      |
|                                      |   |      |      |      | 23.5 | 26.4 | 30.8 |      |      |      |      |      |
|                                      |   |      |      |      | n.s. | n.s. | n.s. |      |      |      |      |      |

n.s. NO SKIVE  
 xx.x OUT SKIVE  
 xx.x/xx.x IN/OUT SKIVE

CRIMPING DIAMETER

