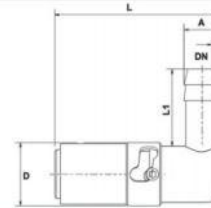


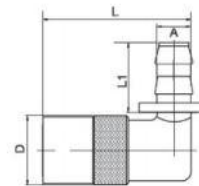
**INTERNATIONAL SERIES**

**Safety Coupling, Type TS, 90°**



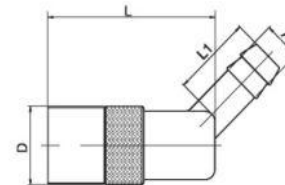
| DN | Series | ↙↘           | ↔           | A  | D  | L    | L1 | ⊠ |
|----|--------|--------------|-------------|----|----|------|----|---|
| 6  | 20     | 20K10V/90-TS | 20K10/90-TS | 10 | 18 | 52,5 | 22 | 5 |
| 7  |        | 30K10V/90-TS | 30K10/90-TS | 10 | 23 | 68,5 | 25 | 5 |
| 9  | 30     | 30K13V/90-TS | 30K13/90-TS | 13 | 23 | 68,5 | 25 | 5 |
| 15 | 50     | 50K19V/90-TS | 50K19/90-TS | 19 | 32 | 80,8 | 34 | 1 |

**Push Lock - 90° Coupling**



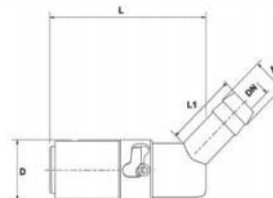
| DN | Series | ↙↘           | ↔           | A  | D  | L    | L1 | ⊠  |
|----|--------|--------------|-------------|----|----|------|----|----|
| 6  | 20     | 20K10V-90-PL | 20K10-90-PL | 10 | 18 | 40,5 | 28 | 10 |
| 7  |        | 30K10V-90-PL | 30K10-90-PL | 10 | 23 | 61,5 | 28 | 10 |
| 9  | 30     | 30K13V-90-PL | 30K13-90-PL | 13 | 23 | 61,5 | 28 | 10 |
| 15 | 50     |              | 50K19-90-PL | 19 | 32 | 87   | 38 | 5  |

**45° Coupling**



| DN  | Series | ↙↘        | ↔        | A  | D  | L    | L1 | ⊠  |
|-----|--------|-----------|----------|----|----|------|----|----|
| 4,5 |        | 20K6V/45  | 20K6/45  | 6  | 18 | 55,5 | 19 | 10 |
| 6   | 20     | 20K10V/45 | 20K10/45 | 10 | 18 | 55,5 | 22 | 10 |
| 7   |        | 30K10V/45 | 30K10/45 | 10 | 24 | 71   | 22 | 10 |
| 9   | 30     | 30K13V/45 | 30K13/45 | 13 | 24 | 75   | 25 | 10 |
| 15  | 50     | 50K19V/45 | 50K19/45 | 19 | 32 | 77   | 30 | 5  |

**Safety Coupling, Type TS, 45°**



| DN | Series | ↙↘           | ↔           | A  | D  | L    | L1 | ⊠ |
|----|--------|--------------|-------------|----|----|------|----|---|
| 6  | 20     | 20K10V/45-TS | 20K10/45-TS | 10 | 18 | 52,5 | 22 | 5 |
| 7  |        | 30K10V/45-TS | 30K10/45-TS | 10 | 23 | 68,5 | 25 | 5 |
| 9  | 30     | 30K13V/45-TS | 30K13/45-TS | 13 | 23 | 68,5 | 25 | 5 |
| 15 | 50     | 50K19V/45-TS | 50K19/45-TS | 19 | 32 | 80,8 | 34 | 1 |

See explanation of symbols on page 360