


## Connectors metric, metal thread

### Type KAH & KBH

#### Type KAH - Connector 45° elbow, metric metal thread


|  | Order no. black<br>IP68 + IP69 | Order no. grey<br>IP68 + IP69 | Thread<br>metric | Fits to conduit size |        | Thread<br>length<br>(mm) | External<br>dimensions<br>(mm) |
|--|--------------------------------|-------------------------------|------------------|----------------------|--------|--------------------------|--------------------------------|
|  |                                |                               |                  | NW                   | Metric |                          |                                |
| KAH, patent<br> | NKAH-M120-10                   | MKAH-M120-10                  | M12 x 1.5        | 10                   | 12     | 10.0                     | 55.5 x 43.0                    |
|  | NKAH-M160-10                   | MKAH-M160-10                  | M16 x 1.5        | 10                   | 12     | 10.0                     | 55.5 x 45.0                    |
|  | NKAH-M162-10                   | MKAH-M162-10                  | M16 x 1.5        | 12                   | 16     | 10.0                     | 62.5 x 50.0                    |
|  | NKAH-M202-10                   | MKAH-M202-10                  | M20 x 1.5        | 12                   | 16     | 10.0                     | 62.5 x 52.0                    |
|  | NKAH-M207-10                   | MKAH-M207-10                  | M20 x 1.5        | 17                   | 20     | 10.0                     | 71.0 x 59.5                    |
|  | NKAH-M257-11                   | MKAH-M257-11                  | M25 x 1.5        | 17                   | 20     | 11.0                     | 72.0 x 62.5                    |
|  | NKAH-M253-11                   | MKAH-M253-11                  | M25 x 1.5        | 23                   | 25     | 11.0                     | 80.0 x 68.0                    |
|  | NKAH-M323-13                   | MKAH-M323-13                  | M32 x 1.5        | 23                   | 25     | 13.0                     | 82.0 x 72.0                    |
|  | NKAH-M329-13                   | MKAH-M329-13                  | M32 x 1.5        | 29                   | 32     | 13.0                     | 93.0 x 79.5                    |
|  | NKAH-M409-13                   | MKAH-M409-13                  | M40 x 1.5        | 29                   | 32     | 13.0                     | 94.5 x 85.5                    |
|  | NKAH-M406-13                   | MKAH-M406-13                  | M40 x 1.5        | 36                   | 40     | 13.0                     | 105.5 x 93.5                   |
|  | NKAH-M506-14                   | MKAH-M506-14                  | M50 x 1.5        | 36                   | 40     | 14.0                     | 106.5 x 98.5                   |
|  | NKAH-M508-14                   | MKAH-M508-14                  | M50 x 1.5        | 48                   | 50     | 14.0                     | 120.0 x 111.0                  |
|  | NKAH-M638-14                   | MKAH-M638-14                  | M63 x 1.5        | 48                   | 50     | 14.0                     | 120.0 x 114.0                  |

#### Approvals



For applications in railway vehicles and heavy machine construction  
High thread and system connection strength

#### Type KBH - Connector 90° curved elbow, metric metal thread

|  | Order no. black<br>IP68 + IP69 | Order no. grey<br>IP68 + IP69 | Thread<br>metric | Fits to conduit size |        | Thread<br>length<br>(mm) | External<br>dimensions<br>(mm) |
|--|--------------------------------|-------------------------------|------------------|----------------------|--------|--------------------------|--------------------------------|
|  |                                |                               |                  | NW                   | Metric |                          |                                |
| KBH, patent<br> | NKBH-M120-10                   | MKBH-M120-10                  | M12 x 1.5        | 10                   | 12     | 10.0                     | 44.0 x 62.5                    |
|  | NKBH-M160-10                   | MKBH-M160-10                  | M16 x 1.5        | 10                   | 12     | 10.0                     | 44.0 x 64.5                    |
|  | NKBH-M162-10                   | MKBH-M162-10                  | M16 x 1.5        | 12                   | 16     | 10.0                     | 47.5 x 72.0                    |
|  | NKBH-M202-10                   | MKBH-M202-10                  | M20 x 1.5        | 12                   | 16     | 10.0                     | 47.5 x 74.0                    |
|  | NKBH-M207-10                   | MKBH-M207-10                  | M20 x 1.5        | 17                   | 20     | 10.0                     | 53.0 x 81.0                    |
|  | NKBH-M257-11                   | MKBH-M257-11                  | M25 x 1.5        | 17                   | 20     | 11.0                     | 54.0 x 84.0                    |
|  | NKBH-M253-11                   | MKBH-M253-11                  | M25 x 1.5        | 23                   | 25     | 11.0                     | 63.0 x 92.0                    |
|  | NKBH-M323-13                   | MKBH-M323-13                  | M32 x 1.5        | 23                   | 25     | 13.0                     | 65.0 x 96.0                    |
|  | NKBH-M329-13                   | MKBH-M329-13                  | M32 x 1.5        | 29                   | 32     | 13.0                     | 75.0 x 108.0                   |
|  | NKBH-M409-13                   | MKBH-M409-13                  | M40 x 1.5        | 29                   | 32     | 13.0                     | 76.5 x 114.0                   |
|  | NKBH-M406-13                   | MKBH-M406-13                  | M40 x 1.5        | 36                   | 40     | 13.0                     | 87.5 x 126.0                   |
|  | NKBH-M506-14                   | MKBH-M506-14                  | M50 x 1.5        | 36                   | 40     | 14.0                     | 88.5 x 131.0                   |
|  | NKBH-M508-14                   | MKBH-M508-14                  | M50 x 1.5        | 48                   | 50     | 14.0                     | 101.0 x 145.5                  |
|  | NKBH-M638-14                   | MKBH-M638-14                  | M63 x 1.5        | 48                   | 50     | 14.0                     | 101.0 x 148.5                  |

#### Approvals



For applications in railway vehicles and heavy machine construction  
High thread and system connection strength  
Smooth elbow allows easy threading of wires and cables