



product description: The low elbow is designed for the transition between a horizontal and sloping (vertical) cable tray. The elbow is possible used in combination with cable ladders.
 To fix the connection use the bolt NSM 6X10. To protect the cables, the bolt head is inside the cable tray.
 A bolt with a GMT surface finish is used for a tray with F and ZM surface finish.
 These items can also be ordered in a varnished version.

surface finish: S - Pre-Galvanized according to EN 10346, EN 10143, zinc-layer 15-27 µm
 F - Hot Dip Galvanized according to ČSN EN ISO 1461, zinc-layer 45 µm (min. 35 µm)
 ZM - galvanized steel with admixture of magnesium and aluminum according to EN 10346, EN 10143, protective layer 18-31 µm

sales amount: 1 pc

meets the requirements: ČSN EN 61537:02

classification: ČSN 73 0895 P 90-R
 DIN 4102-12 E 90
 STN 92 0205 PS 90
 Fire classification depends on the specific conditions of the cable tray, detailed in the catalog Systems with maintained functionality in fire
 🔥 products are approved for standard constructions
 🔦 products are approved for non-standard constructions

storage: ČSN EN 60721-3-1



| type number | for width of cable tray (mm) | for height of cable tray (mm) | B (mm) | thickness of metal sheet (mm) | weight (kg/pc) | amount of bolts for connection (pc) | 🔥 |
|------------------|------------------------------|-------------------------------|--------|-------------------------------|----------------|-------------------------------------|---|
| KO 90X35X50_S | 50 | 35 | 220 | 0,8 | 0,35 | 8 | |
| KO 90X35X50_F | | | | | 0,41 | | |
| KO 90X35X75_S | 75 | 35 | 220 | 0,8 | 0,40 | 8 | |
| KO 90X35X75_F | | | | | 0,47 | | |
| KO 90X35X100_S | 100 | 35 | 220 | 0,8 | 0,45 | 8 | |
| KO 90X35X100_F | | | | | 0,58 | | |
| KO 90X35X150_S | 150 | 35 | 220 | 0,8 | 0,55 | 8 | |
| KO 90X35X150_F | | | | | 0,64 | | |
| KO 90X35X200_S | 200 | 35 | 220 | 1,0 | 0,75 | 10 | |
| KO 90X35X200_F | | | | | 0,87 | | |
| KO 90X35X300_S | 300 | 35 | 220 | 1,0 | 0,88 | 10 | |
| KO 90X35X300_F | | | | | 1,02 | | |
| KO 90X35X400_S | 400 | 35 | 220 | 1,0 | 1,01 | 12 | |
| KO 90X35X400_F | | | | | 1,17 | | |
| KO 90X35X500_S | 500 | 35 | 220 | 1,0 | 1,26 | 12 | |
| KO 90X35X500_F | | | | | 1,47 | | |
| KO 90X35X600_S | 600 | 35 | 220 | 1,0 | 1,51 | 12 | |
| KO 90X35X600_F | | | | | 1,75 | | |
| KO 90X60X50_S | 50 | 60 | 245 | 0,8 | 0,47 | 8 | 🔥 |
| KO 90X60X50_F | | | | 0,8 | 0,52 | | 🔥 |
| KO 90X60X50_ZM | | | | 0,75 | 0,42 | | 🔥 |
| KO 90X60X75_S | 75 | 60 | 245 | 0,8 | 0,52 | 8 | 🔥 |
| KO 90X60X75_F | | | | 0,8 | 0,61 | | 🔥 |
| KO 90X60X75_ZM | | | | 0,75 | 0,52 | | 🔥 |
| KO 90X60X100_S | 100 | 60 | 245 | 0,8 | 0,57 | 8 | 🔥 |
| KO 90X60X100_F | | | | 0,8 | 0,66 | | 🔥 |
| KO 90X60X100_ZM | | | | 0,75 | 0,52 | | 🔥 |
| KO 90X60X150_S | 150 | 60 | 245 | 0,8 | 0,67 | 8 | 🔥 |
| KO 90X60X150_F | | | | 0,8 | 0,78 | | 🔥 |
| KO 90X60X150_ZM | | | | 0,75 | 0,52 | | 🔥 |
| KO 90X60X200_S | 200 | 60 | 245 | 1,0 | 0,87 | 10 | 🔥 |
| KO 90X60X200_F | | | | 1,0 | 1,01 | | 🔥 |
| KO 90X60X200_ZM | | | | 0,82 | 0,82 | | 🔥 |
| KO 90X60X300_S | 300 | 60 | 245 | 1,0 | 1,13 | 10 | 🔥 |
| KO 90X60X300_F | | | | 1,0 | 1,31 | | 🔥 |
| KO 90X60X300_ZM | | | | 1,07 | 1,07 | | 🔥 |
| KO 90X60X400_S | 400 | 60 | 245 | 1,0 | 1,38 | 12 | 🔥 |
| KO 90X60X400_F | | | | 1,0 | 1,61 | | 🔥 |
| KO 90X60X400_ZM | | | | 1,07 | 1,07 | | 🔥 |
| KO 90X60X500_S | 500 | 60 | 245 | 1,0 | 1,63 | 12 | 🔥 |
| KO 90X60X500_F | | | | 1,0 | 1,89 | | 🔥 |
| KO 90X60X500_ZM | | | | 1,07 | 1,07 | | 🔥 |
| KO 90X60X600_S | 600 | 60 | 245 | 1,2 | 2,19 | 12 | 🔥 |
| KO 90X60X600_F | | | | 1,2 | 2,55 | | 🔥 |
| KO 90X60X600_ZM | | | | 1,07 | 1,07 | | 🔥 |
| KO 90X85X100_S | 100 | 85 | 270 | 0,8 | 0,71 | 16 | |
| KO 90X85X100_F | | | | | 0,82 | | |
| KO 90X85X150_S | 150 | 85 | 270 | 0,8 | 0,81 | 16 | |
| KO 90X85X150_F | | | | | 0,93 | | |
| KO 90X85X200_S | 200 | 85 | 270 | 1,0 | 1,01 | 18 | |
| KO 90X85X200_F | | | | | 1,17 | | |
| KO 90X85X300_S | 300 | 85 | 270 | 1,0 | 1,26 | 18 | |
| KO 90X85X300_F | | | | | 1,46 | | |
| KO 90X85X400_S | 400 | 85 | 270 | 1,0 | 1,52 | 20 | |
| KO 90X85X400_F | | | | | 1,76 | | |
| KO 90X85X500_S | 500 | 85 | 270 | 1,0 | 1,77 | 20 | |
| KO 90X85X500_F | | | | | 2,05 | | |
| KO 90X85X600_S | 600 | 85 | 270 | 1,2 | 2,33 | 20 | |
| KO 90X85X600_F | | | | | 2,70 | | |
| KO 90X110X150_S | 150 | 110 | 295 | 0,8 | 0,95 | 16 | 🔥 |
| KO 90X110X150_F | | | | | 1,01 | | |
| KO 90X110X200_S | 200 | 110 | 295 | 1,0 | 1,15 | 18 | 🔥 |
| KO 90X110X200_F | | | | | 1,34 | | |
| KO 90X110X200_ZM | | | | | 1,15 | | 🔥 |
| KO 90X110X300_S | 300 | 110 | 295 | 1,0 | 1,28 | 18 | 🔥 |
| KO 90X110X300_F | | | | | 1,49 | | |
| KO 90X110X300_ZM | | | | | 1,28 | | 🔥 |
| KO 90X110X400_S | 400 | 110 | 295 | 1,0 | 1,41 | 20 | 🔥 |
| KO 90X110X400_F | | | | | 1,63 | | |
| KO 90X110X400_ZM | | | | | 1,41 | | 🔥 |
| KO 90X110X500_S | 500 | 110 | 295 | 1,0 | 1,67 | 20 | 🔥 |
| KO 90X110X500_F | | | | | 1,93 | | |
| KO 90X110X500_ZM | | | | | 1,67 | | 🔥 |
| KO 90X110X600_S | 600 | 110 | 295 | 1,2 | 1,91 | 20 | 🔥 |
| KO 90X110X600_F | | | | | 2,22 | | |