

product description: The anchors are designed for pre- or through-fixing of the structural elements on the base material.
Can be used for cracked and non-cracked concrete $\geq C20/25$ and natural stone with solid structure.

surface finish: PO - electrolytic galvanizing
POGMT - zinc plated with zinc flake

meets the requirements: ETA option 1 approval for cracked and non-cracked concrete

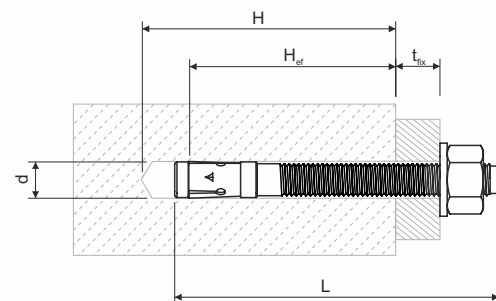
fire resistance class: 30-120 minut

storage: ČSN EN 60721-3-1

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 Cable management systems - Fire resistant systems.

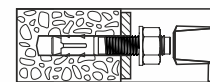
explanations: d - drilling/anchor diameter
L - total length of the anchor
 t_{fix} - max. thickness of fastening material
 H_{ef} - effective anchoring depth
H - min. depth of the drilled hole
 T_{inst} - tightening torque
SW - key size
std. - standard anchoring depth / thickness of fastening material
red. - reduced anchoring depth / thickness of fastening material



1. drilling a hole according to the recommended dimensions



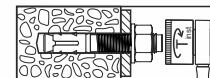
3. installing the anchor in the hole using a hammer



2. cleaning the hole



4. tightening with the recommended torque



type number	d	L	t _{fix} std. red.	H _{ef} std. red.	H std. red.	T inst.	SW	seismicity class	cracked concrete C20/25						
									characteristic load values			min. axial distance		min. distance from the edge	
									tensile stress	shear stress	bending moment	S _{min.}	C _z	C _{min}	S _z
	mm	mm	mm	mm	mm	Nm			kN	kN	Nm	mm			mm
KPO 6X50_PO	6	65	10	40	50	8	10	-	0,7	3,4	-	35	-	45	-
KPO 6X70_PO	6	65	10	40	50	8	10	-	0,7	3,4	-	35	-	45	-
KPO 8X77_PO	8	75	10	48	60	15	13	C1	8,5	-	26,3	35	50	40	55
KPO 8X97_PO	8	95	30 40	45 35	55 45	20	13	C1	6,7 5	7,8	-	40	-	40	-
KPO 8X110_PO	8	115	50 60	45 35	55 45	20	13	C1	6,7 5	7,8	-	40	-	40	-
KPO 10X95_PO	10	92	10 30	60 40	75 55	30	17	C2	12 9	-	50	40 50	60 95	50	100 190
KPO 10X115_PO	10	115	30 50	60 40	75 55	45	17	C1/C2	9,5 6,1	12,2	-	40	-	45	-
KPO 10X175_PO	10	185	100 120	60 40	75 55	45	17	C1/C2	9,5 6,1	12,2	-	40	-	45	-
KPO 12X120_PO	12	118	20 40	70 50	90 70	60	19	C2	16 12,6	-	86	60 55	70 110	55 60	110 215
KPO 8X75_POGMT	8	75	10	48	60	15	13	-	8,5	12,6	26,3	35	50	40	55
KPO 8X95_POGMT	8	95	30	48	60	15	13	-	8,5	12,6	26,3	35	50	40	55
KPO 10X92_POGMT	10	92	30 10	40 60	55 75	30	17	-	9 12	20,4	50	50 40	95 60	50 50	190 100
KPO 10X112_POGMT	10	112	50 30	40 60	55 75	30	17	-	9 12	20,4	50	50 40	95 60	50 50	190 100
KPO 12X120_POGMT	12	118	40 20	50 70	70 90	60	19	-	12,6 16	30,0	86	55 60	110 70	60 55	215 110

 WARNING**Risk of injury from cutting**

Although the product are produced with maximum effort to minimize sharper edges, it is necessary to wear protective gloves to carry, grip and work.

Risk of system collapse

Failure to follow installation instructions, the prescribed diameter and depth of the drilled hole, the tightening torque or using the anchor in an unsuitable base material may lead to reduced load-bearing capacity or anchor failure.

Electricity injury

Before drilling and mounting, verify that there are no electrical lines or other utilities in the installation location. Do not complete the installation near live parts.

Safe Use

Under normal and foreseeable conditions of use, there are no risks to consumers, provided that proper installation and usage are carried out in accordance with the installation manual.

recycling codes:



KPO