

## KS-Anchor



Pretec KS-anchor, is used as a watertight penetration through membrane behind in-situ concrete lining. Anchor is delivered with pre-assembled threaded rod for quick mounting by means of two component anchor glue in shotcrete or rock. Can also be supplied with M16 coupler or double nut and reinforcement fitting (octopus), and membrane welded to flange. Waterproof up to 100 kPa (10m water column).

### Stock program:

KS-Anker M16xØ24x200 HDPE  
(PVC on request)

### Technical Information:

KS-Anchor is made from high density Polyethylene (HDPE). Expected life time 100 years. It is tested and approved for mounting with anchor glue VMU Plus and threaded rod grade 8.8 / A4-80. Minimum pull out force in rock and concrete exceeds 80 kN (8000 kg). Safety factor must be considered. Pull out tests of bolt and anchor after installation on construction site is recommended to verify local conditions.

Threaded rod and accessories are available in Pc-Coat or stainless steel (A4-80). Threaded rod length according to customer requirement.

Dimension	Outer diameter (mm)	Flange size (mm)	Length HGS (mm)	Recommended Hole diameter Ø (mm)	Depth drill hole (mm)
M16xØ24x200	24	Ø120x7	> 230	28-32	>210

### Instructions for use:

Hole must be drilled with rotary percussion drilling (not core drill). Rinse hole with water and compressed air prior to use. Anchor flange shall be in contact with the underlying substrate. Drill holes with water ingress may cause anchor mass to be washed away, which might reduce adhesion between rock and anchor. Please refer to VMU Plus instruction for use and **safety data sheet** for correct use of anchor mass.

### Accessories:

Thread rod M16 8.8 PC-Coat / A4-80.  
Coupler M16 PC-Coat / A4-80  
Nut M16 PC-Coat / A4-80  
Reinforcement fitting (octopus) PC-Coat / A4  
Anchor mass VMU plus/polar