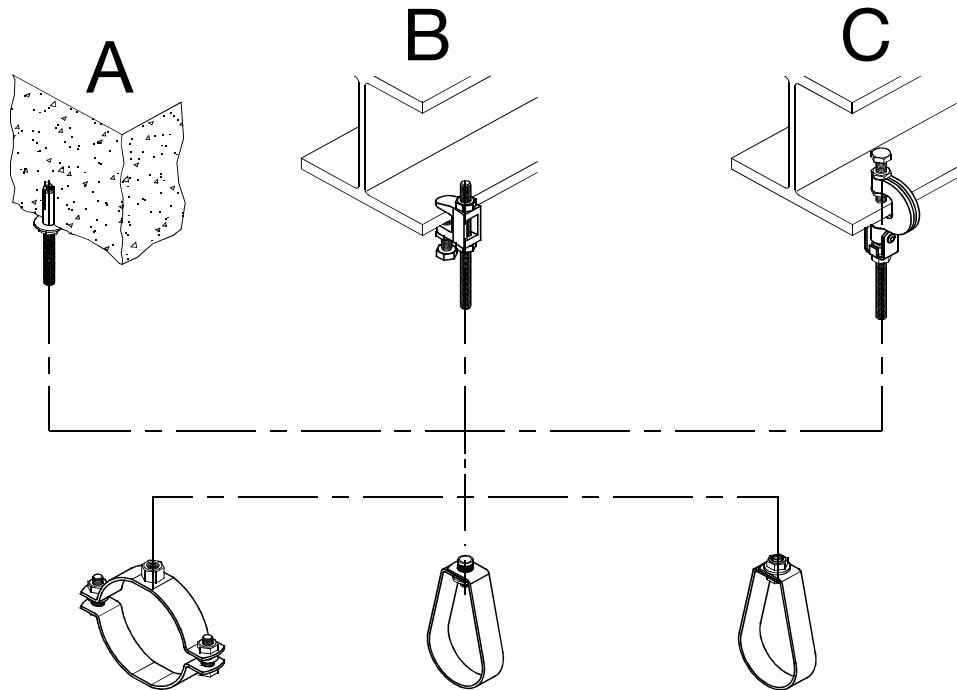


Fasteners with FM approval

Overview of approved fasteners for sprinkler systems



Single bossed clamp, heavy-duty type without lining

Approved connection thread	For nominal diameter/pipe diameter
M10	3/4"-4"
M12	3/4"-6"

Filbow clamp (pear-shaped)

Approved connection thread	For nominal diameter/pipe diameter
M10	3/4"-4" (steel anchor, girder clamp)
M10	3/4"-101.6 mm (girder cleat)
M12	> 4"-6" (= 168.3 mm)



All MÜPRO components approved by FM (Factory Mutual – corresponding approval reports are available) can be combined into the various arrangements shown above.

Reference to the FM approval can be found on the respective catalogue pages.

A

Steel anchor M10 or M12 threaded rod M10 or M12
with
filbow clamp, pear-shaped
3/4"-4"
or
Single bossed clamp, heavy-duty type without lining
M10 or M12
3/4"-4"
Steel anchor M12
M12 threaded rod
with
filbow clamp, pear-shaped
> 4"-168.3 mm
or
single bossed clamp, heavy-duty type without lining, M12
> 4"-6"

B

Girder clamp with M10 internal thread
or
girder clamp with clearance hole for M10 or M12 threaded rod M10 or M12
with
filbow clamp, pear-shaped
3/4"-4"
or
single bossed clamp, heavy-duty type without lining
M10 or M12
3/4"-4"
Girder clamp with clearance hole for M12 threaded rod
with
filbow clamp, pear-shaped
> 4"-168.3 mm
or
single bossed clamp, heavy-duty type without lining, M12
> 4"-6"

C

Girder clamp with joint M10 threaded rod M10
with
filbow clamp, pear-shaped
3/4"-4"
or
single bossed clamp, heavy-duty type without lining
M10
3/4"-4"