Kimplas DI SS Strap Saddles, manufactured in MDPE 80 (Blue/Black) grade with threaded metal insert outlets with service connection threading size conforming to IS: 554. The saddles are of wrap-around design, with wide skirt and are rated PN 16. The saddles are suitable for tapping on DI and CI pipes. Saddle body is fastened to the pipe with SS Strap and nut-bolt system. The straps are elastomer insulated type for firm grip on pipe and to avoid metal to metal contact. The sealing between the saddle and mains is obtained by using a profiled elastomer seal matching to the curvature of the pipe. The service connection outlet of metal insert projects out towards pipe side and aligns with the hole drilled on the pipe to ensure positive locking against rocking or creeping on the pipe.

### Standards:
- Pipe Compatibility: CI & DI Pipes K7, K9 as per ISO:2531, EN:545, EN:598, IS:1239-1, IS: 3589

### Common Applications:
- HSC Tapping on DI pipes of nominal size 3” (NB 80) to 8” (NB 200)
- House service connection size from ½” (NB 15), ¾” (NB 20), 1” (NB 25)
- Threaded tapping connections for House Service Connections (HSC)
- Fixing of Flow Control Valve, Brass Ferrules of size ⅛”, ⅜” and ⅜” on DI pipes
- Tapping connections in areas difficult to access, in narrow trenches etc
- Connections with threaded compression fittings used for HSC on DI/CI pipes

### Installation:
- Select appropriate size of DI saddle assembly according to the pipe size
- Using electric drill, drill a hole of appropriate size on the pipe as required for the installation of the saddle
- Remove SS nuts & washers, curved plastic washer and saddle body from Saddle Strap Assembly
- Insert projection of Saddle Seal into the hole to ensure that it gets inserted into the pipe positively
- Wrap the Saddle Strap Assembly around pipe, near the place of fitment
- Insert two bolts of the Saddle Strap Assembly through the two holes of the Saddle Body
- Insert two Curved Washers into the stud and align to rest on the curved surface of saddle body
- Put SS washer and SS nuts on stud
- Tighten the nuts until the stopper bushes touch the saddle body
- Kimplas saddles require tightening only upto this limit

### Advantages:
- All body parts made from non-corrosive metal and plastics.
- Specially made for use on DI/CI pipes for drinking water application
- All wet parts made in material approved for drinking water
- Positive locking with pipe
- Permanent Batch Indicator, size, Raw Material Grade and PN rating marking
- Each fitting individually packed
- Moulded with non-corrosive metal insert for strength and stiffness
- Positive sealing of Elastomeric seal with increase in fluid pressure
- Straps made of non-corrosive material covered with rubber to avoid bi-metallic contact and protection of coatings on the pipes
- Female threading on the metal insert allow tapping connection with or without flow regulating ferrule.

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**Note:** SP = Standard Pack Quantity, g = Weight in Grams