

Flow Control Device

Tool Type: Sand Control



Top Connection: Material: 4145 HMOD. As per Customer request.

Inflow and Outflow Devices:

Inflow Control Device (ICD) and Outflow Control Device (OCD) can vary with Custom Design. A typical ICD/OCD may consist of a combination of the following main components: Nozzles, Shifting Sleeves, Sand Control

Sand Control:

Precision Punched Screen (PPS): Material: 304 / 316 Stainless Steel.

Configuration: Inward Punch or Outward Punch.

Assembly: Slip-on, Weld End or End Cap attachment.

Aperture: Straight slot (no Keystone). Size 0.005" – 0.050"

Wire Wrap Screen (WWS): Material: 304 / 316 Stainless Steel.

Configuration: Circumferential ERW Screen Wires to Longitudinal Base Wires

Assembly: Slip-on, or Direct Wrap to Base Pipe

Aperture: Keystone Slot. Size 0.005" – 0.050"

Slotted Liner Screen (SLS): Material: API casing Grades J55, K55, L80, and P110

Configuration: Longitudinal Slots cut through Base Pipe

Assembly: Directly Slotted to Base Pipe

Aperture: Straight and Rolled Keystone Slot. Size 0.005" – 0.250"

Ceramic Ring Screen (CRS): Material: Ceramic Zirconia

Configuration: Stacked Rings Producing Circumferential openings to Base Pipe

Assembly: Ring Stack Assembly to Mandrel / Base Pipe

Aperture: Keystone Slot. Size 0.005" – 0.050"

Gravel Pack Joint (GPJ): Material: 304 / 316 Stainless Steel.

See individual "Gravel Pack Joint" Information Sheet and Data Sheet.

Bottom Connection: Material: 4145 HMOD. As per customer request

All tools are custom designed. Customer would receive technical data sheet with actual dimensions, threads and performance data.



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