fluidier

INNOVATING EVERY DROP

Spout Coupler 22MM

FSC-22

Patent No.-xxxxxxxxxx





Technical specifications

Recommended tightening torque	3-4Nm
Recommended Working pressure	1-3 bar
Burst Pressure	20 bar
Water Temp. Range	2°C - 90°C
Endurance Test	4 Lac Cycles
Flow Rate (3 bar pressure)	30 LPM

Material

Inner Core	- NYLON GF
Outer Sleeve	- POM
Sealing Parts	- NBR/Silicon

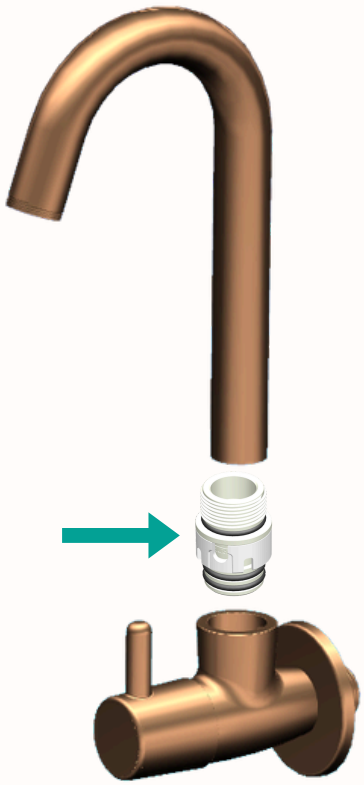
About

This is a value-engineered single-unit connector that joins the swivel spout with the main body. It ensures exceptionally smooth swivel movement and is over 3X more cost-effective compared to traditional designs. It also simplifies the assembly process, resulting in enhanced production efficiency.

Features

- Single Unit Inventory
- Friction-free Swivel
- Cost Effective
- Boost Productivity
- Eliminate Machining Errors.

Application



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PRODUCT FEATURES

Single Unit Inventory

This connector comes as a **ready-to-fit single unit**, eliminating the need to maintain inventory for multiple components such as revolving bushes, C-clips, and various sizes of O-rings.





Friction-free Swivel

It is designed to ensure no metal-to-metal contact and a smooth, friction-free operation. The use of high-quality materials ensures long-lasting performance and durability.

Cost Effective

Compared to traditional parts and processes, it offers 50–60% cost savings, making it a highly efficient and value-driven solution.



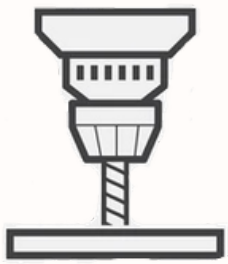


Boost Productivity

The faucet assembly becomes significantly faster, as it requires fitting only a single integrated part — with all necessary accessories pre-fitted within the unit.

Eliminate Machining Errors

In case the pipe thread concentricity is out of tolerance, it will not come in contact with the body, ensuring smooth and reliable operation.
Even side screw burrs do not affect during assembly.



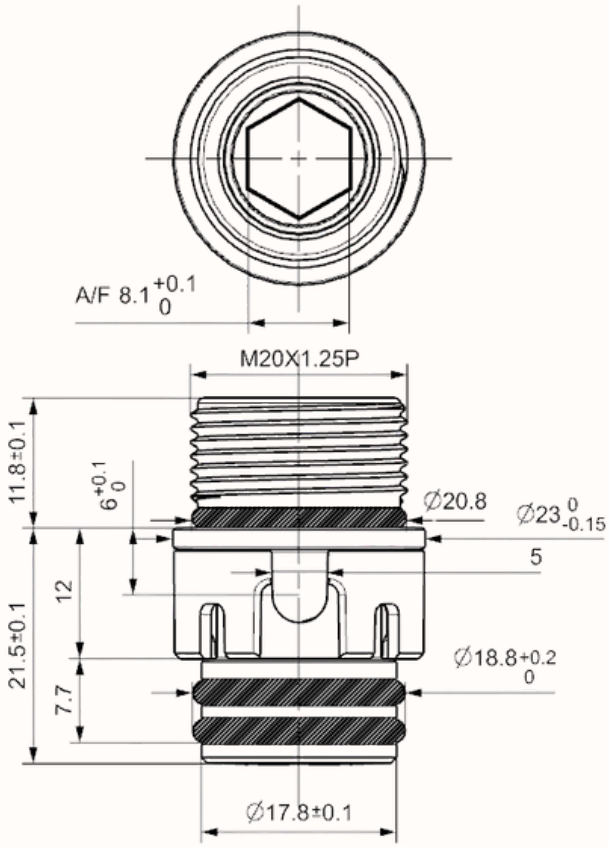
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DIMENSIONAL DETAILS







Body Machining Tips

