



**NEW DESIGN!**

# NORDFAB QUICK-FIT (QF) BALL JOINT:

A great solution for CNC Routers and Machines with Traversing Heads

Misalignment issues, limited range of motion, and excessive wear and tear are just a few common issues manufacturers can encounter with their CNC machines. Nordfab has thoroughly researched these issues and designed a new Nordfab QF Ball Joint that provides an effective solution to kinking and tearing in flexible duct, allowing more movement in the flexible duct hence improving the overall efficiency and performance rate.

## Enhanced Flexibility

CNC machines require precise alignment to function correctly. Some CNC operations also require components to move in multiple directions. Traditional joints may restrict movement, but Nordfab QF Ball Joint offers greater flexibility, enabling the machine to perform complex tasks more efficiently. Its swivel joints allow for movement between flex hose and duct along with a 360 degree stationary plane. This flexibility helps in achieving complex machining tasks with ease.

## Reduced Friction

High friction between moving parts can cause wear and tear, leading to frequent maintenance and downtime. Nordfab QF Ball Joint minimizes friction between moving parts, resulting in smoother and more efficient operation. It helps in reducing wear and tear, extending the lifespan of the machinery.

## Top 5 Benefits

Nordfab QF Ball Joint provides many benefits for CNC Routers and Machines with traversing heads:



- 1 Increased Angle Movement**  
Swivel joints allow for movement between flex hose and duct but along with a 360 degree stationary plane.
- 2 Low Friction**  
Nordfab QF Ball Joint provides a reflectively low friction for periodic or constant spinning movement.
- 3 Easy Connection**  
Nordfab QF Ball Joint can connect QF ducting or flex hose to allow the rotation of a dust or fume hood.
- 4 Easy Access**  
QF connections, the QF Clips, allow for quick and easy access during cleaning and maintenance.
- 5 Locally Sourced**  
With our new QF Ball Joints being locally manufactured, we have made it easier for us to ensure they meet our high-quality standards, while we also reduce our carbon footprint.