



Eaton Steel Adapters Eaton STC® Connectors

Overview & Features

Patented threadless connector technology that can be used in a variety of applications that eliminates the need for threaded connections. STC® reduces assembly time while providing leak free performance on both hose and tubing lines.

Features

- Compact design
- Direct port capable
- Eliminates installation assembly tools, installation variability, and connector leakage
- Versatility - one design suitable for applications from 0 to 414 bar (0 to 5,000 psi)

Where Used

Data centers

Applications:

- Cooling

Machine building

Platforms:

- CNC Machining
- Metal /Hydro Forming
- Metal Stamping and Shearing
- Plastics

Applications:

- Hydraulic Circuits and General Fluid Conveyance

Mobile machinery and equipment

Platforms:

- 0-40 hp
- 100+ hp
- 40-100 hp
- Aerial Work Platforms (Scissor & Boom)
- All hp
- Application Equipment
- Backhoe Loader
- Balers
- Biomass Processing
- Combines
- Compactor
- Concrete Pump
- Crane
- Crawler Dozer
- Cultivation Equipment
- Defoliating Equipment
- Delimers
- Excavator
- Feller Bunchers
- Forwarders
- Irrigation
- Irrigation Systems
- Lift Trucks
- Loaders
- Mowers
- Paver

Rail

Applications:

- Hydraulic Circuits and General Fluid Conveyance

Vehicles

Platforms:

- Dump
- Fire and Rescue
- Heavy Duty On-Highway
- Medium Duty On-Highway
- Pick-Up and Delivery (LTL)
- Public Transportation
- Refuse Truck
- Trailers
- Transit Mixer
- Wrecker/Recovery

Applications:

- Hydraulic Circuits and General Fluid Conveyance

- Row Crop Planters
- Self-Propelled Forage Harvesters
- Self-Propelled Sprayers
- Self-Propelled Windrowers
- Skid Steer Loader
- Skidders
- Specialty Equipment/Debris
- Specialty Harvesting
- Stump Griners and Wood Chippers
- Telehandler
- Tractors - 2WD:
- Tractors - 4WD:
- Tree Harvesters
- Trimming Equipment
- Utility Vehicles
- Wheeled Loader
- Yarders

Applications:

- Hydraulic Circuits and General Fluid Conveyance

Value Propositions

= Denotes point of differentiation

Value Proposition Statement	Audiences		
	OEM	Distributor	End User
Latch verification feature offers robust connection			
Decreases chance of equipment rework due to misassembled connections			
Assembly time of connection is reduced from 60 seconds (standard for threaded connections) down to 3 seconds for threadless connections			
Provides increased production throughput			
Snap to connect assembly performance			
Eliminates the need of installation tools			
Tools do not need to be calibrated resulting in lower costs			
No installation tools – decreases chance of installation variability – more versatile labor force			
STC® products use Dura-Kote™ plating technology that emphasizes corrosion protection up to 1,000 hrs.			
Allows distributors to compete against more commodity, lower performing connector technologies			
Acquisition costs can be decreased by 35% on average			
Purchases of repositioned adapters counts toward annual Adapter and Tube Fitting (ATF) Program purchases that provides for better discounts			
STC® products qualify for prepaid freight programs			
Distributor acquisition costs decrease			
STC® connections can be rotated while not under pressure resulting in less hose twist and longer hose life by up to 70%			
Increases the chance for equipment uptime			
Dura-Kote™ plating technology with up to 1,000 hours of corrosion resistance			
Equipment resale prices are improved			
Replacement costs are decreased			
STC is readily offered by Eaton channel partners			
This allows for less equipment downtime			

STC® products carry a 5 year warranty which is longer than most other competitors(NAM)			
Replacement costs are decreased			

Tools & Collateral

Brochures

Eaton Excavator Solutions E-VLOV-MC002-E3

Catalog

Quick Disconnect Coupling Master Catalog E-MEQD-CC001-E6 (North America)

Press Release

Dura-Kote on Eaton Carbon Steel Products

Product Images

STC Product Images

Success Stories

STC at John Deere

STC Success Story at Bunmei

Video

STC Video

Website

STC Website

Dura-Kote Website