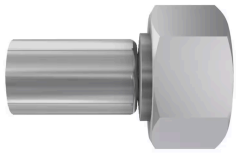
Parker Product Datasheet



The Global 56 metric series replaces the 55/58 metric series. It is shorter, more compact, and is 20% lighter than comparable fittings.

PART NUMBER: 1C956-25-12
SHAPE: Straight
CONNECTION 1 HOSE INSIDE DIAMETER: 3/4' (I.D.)
BODY MATERIAL: Steel
CONNECTION 2 SIZE: M36x2.0
CONNECTION 2 TYPE: Female Metric S - Swivel (24° Cone with O-Ring)

PRODUCT OVERVIEW

The new and improved Global 56 Series consolidates the 55 Series and the 58 Series into one. The 56 Series is shorter and more compact than the 55/58 Series Fittings, allowing for a system weight reduction of up to 20% and easier routing of assemblies during installation in tight, condensed spaces. In addition, the crimping process for the 56 Series is simpler, faster and safer since the sleeve is crimped at full length; therefore, no marking is necessary. Check crimpsource for the most up-to-date die and crimping recommendations. http://www.parker.com/crimpsource

Markets:

- Industrial
- Mobile Equipment
- Transportation

Features/Benefits:

• Consolidation of two series into one (55 and 58 = 56), thus reducing the customer inventory

• Shorter and more compact than 55/58 Series for easier routing of assemblies in tight installation areas; short length may allow use of hose routing to replace current elbow fittings

• Full length crimp of the sleeve (no marking of crimp length needed); therefore easier, safer and faster crimping in comparison to 55 Series

• Weight reduction up to 20%

• Global part numbering with metric & inch hex and end connections to allow for global availability

• Current 55 Series dies are qualified and can be used with the 56

Applications:

• Medium pressure hydraulic applications

• Agricultural equipment

• Construction

• Lubricating oils

• Material Handling equipment

• Machine tools

• Waste and refuse trucks

• Utility equipment

TECH SPECIFICATIONS

CONNECTION 1 SIZE	3/4 inch Hose I.D.
CONNECTION 1 SIZE	19 mm Hose I.D.
CONNECTION 2 TYPE	Female

APPLICATION	Material Handling
FITTING LENGTH	66 mm (see drawing legend A)
MAXIMUM OPERATING PRESSURE	42.0 MPa
CONNECTION 2 TYPE	Swivel
COATING	Chromium 6 Free-plated
PRODUCT TYPE	Hose Fittings
CONNECTION 2 TYPE	24° Cone (with O-Ring)
MAXIMUM OPERATING PRESSURE	420 bar
DISCLAIMER	The user, through its own analysis and testing, is solely responsible for making the final selection of the system and components and assuring that all performance, endurance, maintenance, safety and warning requirements of the application are met. The u
CONFIGURATION	Hose to Port
APPLICATION	Machine Tools
TUBE OUTSIDE DIAMETER	25 mm
CONNECTION 2 TYPE	Metric S
BRAND	Parker
TECHNOLOGY	Fluid & Gas Handling
FOR FLUID TYPE	Water
FOR FLUID TYPE	Air
INDUSTRY	Off-road Machinery
SHAPE	Straight
PORT TYPE	DKOS
INDUSTRY	Transportation
APPLICATION	Construction Equipment
CONNECTION 1 SIZE	-12 (Size)
BODY MATERIAL	Steel

FOR FLUID TYPE	Chemicals
HEX SIZE	46 mm (see drawing legend J)
CONNECTION 1 TYPE	Hose
APPLICATION	Agriculture Equipment
SPECIFICATIONS MET	ISO 12151-2-SWS-S
CONNECTION 2 SIZE	M36x2.0 mm Thread
FOR FLUID TYPE	Hydraulic Fluids
INDUSTRY	Industrial Manufacturing Equipment
APPLICATION	Medium Pressure Hydraulics
DIVISION	Polymer Hose Division Europe
CONNECTION LENGTH	32.1 mm (see drawing legend B)
FOR FLUID TYPE	Oil
DIVISION	Polymer Hose Division Europe