

NSGV QUICK CONNECT (MALE/FEMALE) COUPLER SPECIFICATION

GENERAL DESCRIPTION: The **Male/Female** Coupler may be used in many different quick connection applications. The male coupler may be incorporated into any style adapter, allowing the user to switch from vertical stack exhaust to undercarriage exhaust very quickly. The female is typically attached to the flexible tube. The quick connect coupler may also be used to coupler together two pieces of flexible tubing when a longer length is not always needed. An extension tube has a female coupler on one end of the tubing while the other end has a male coupler or adapter. The quick connect coupler may also be used in "plug-in" type applications. The male/female couplers are constructed of 20 gauge galvanized or stainless steel. The female coupler utilizes a "J" type slot with a spring hinge to insure positive attachment to the male. The male has two solid welded rivets for insertion into the female slots.

TECHNICAL CHARACTERISTICS:

Male Coupler Material:	20 gauge galvanized steel
Male Rivet:	3/16"Ø steel
Female Coupler Material:	20 gauge galvanized steel
Female Hinge:	2" stainless steel spring type
Optional Male/Female Material:	20 gauge stainless steel

Note: If the male coupler is incorporated into an adapter, the adapter would be called out as an "adapter name" with male coupler.

Example: 648GA with male coupler.

SUGGESTED SPECIFICATION

The **Quick Connect Male/Female Coupler** consists of a 20-gauge male coupler with two solid welded pins and female coupler with stainless steel spring hinge.

- The male coupler shall be constructed of 20-gauge _____ steel with two solid welded 3/16"Ø solid steel rivets.
- The female coupler shall be constructed of 20-gauge _____ steel with a stainless steel spring hinge for positive attachment of male coupler.

The **Quick Connect Male/Female Coupler** assembly shall be a standard product of National System of Garage Ventilation (NSGV) in Decatur, IL or approved equal.

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