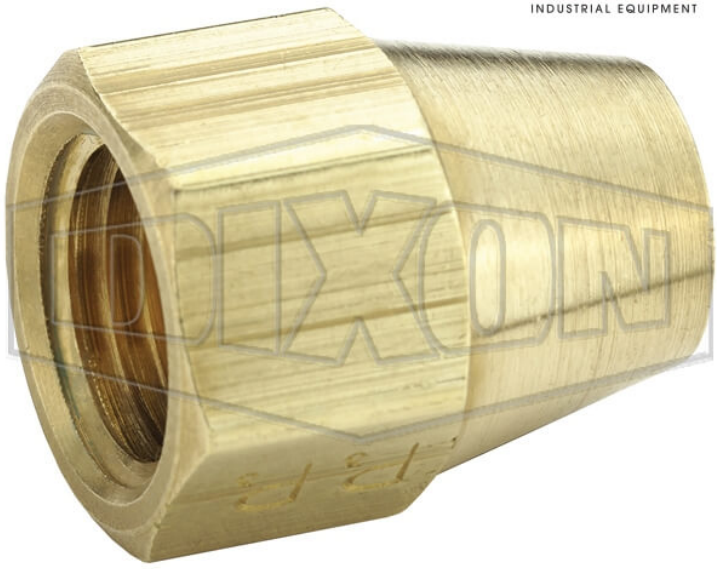
SAE 45° FLARE SHORT NUT



** Referential image*
*** Some features may vary without prior notice. Sale subject to inventory availability*

DATE
: 11/23/2026 10:54 PM

SKU
: 22526

BRAND
: DIXON VALVE

MODEL
: 41FS-8

Use:
Manufactured especially for hard-to-hold liquids and gases
Use with copper, brass, aluminum and welded steel hydraulic tubing that can be flared

Specifications:
Listed with Underwriter's Laboratories for flammable liquid, marine, refrigeration and gas applications. Meets functional requirements of SAE J512 and J513, ASA and MS (Military Standards).
Short nut may be used when vibration is minimal
Reference SAE 010110

Features:
Economical fitting resists mechanical pullout
Easy to disassemble and may be reassembled repeatedly, for a leak-proof connection

Construction:
Manufactured from CA 360, CA 345 or CA377 brass

Installation
Cut tubing squarely and clean tube end thoroughly to remove burrs.
Place nut onto tube. Place threaded end of nut toward end of tube.
Flare tube end with flaring tool to provide 45° flare.
Clamp tube flare between nut and nose of fitting body by screwing nut on finger-tight. Tighten with a wrench an additional 1/4 turn for metal-to-metal seal.

Note:
Flare tools are available, please contact Dixon for pricing and availability.

2645 Executive Park Drive, Weston, Fort Lauderdale, FL 33331, EEUU
sales@kmxusa.us
www.kmxusa.us

Safety notes:

The PSI rating given is based on a temperature of 73°F (23°C) using copper tubing.

Temperature and type of tubing used are important factors in working pressure ranges.

WARNING: Cancer and Reproductive Harm- www.P65Warnings.ca.gov

TECHNICAL SPECIFICATIONS

Factory Part Number	41FS-8
Hex	7/8"
Material	Brass
Temperature Range	-65°F to 250°F (-54°C to 121°C)
Thread	Straight
Thread Size	3/4"-16
Tube Size	1/2"
Weight Lb	0.0800
Working Pressure	750 PSI

KMX
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