DIXON® CAM & GROOVE TYPE D COUPLER X FEMALE NPT



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

DATE
: 11/23/2026 11:44 PM

SKU
: 5047

BRAND
: DIXON VALVE

MODEL
: 50-D-BR

Applications:
Designed for use with liquids, consult Dixon for specific recommendations

Specifications:
No standard exists for the 1/2" fittings, and generally does not interchange with other manufacturers.

Features:
Precision machined to rigid tolerances
Stainless pins will not rust or bind, providing great strength and safety
Recess holds gasket firmly in place- ensures proper placement
Long shank design allows proper banding, thus eliminating the major cause of hose damage

Construction:
Buna-N gasket
1/2" Dixon coupler has only one cam arm
Durable stainless steel cam arm pins

Available Options:
Other gasket types are available, contact Dixon.

How it works:
To make a connection, simply slide the adapter into the coupler and with normal hand pressure, press the cam levers down.
Uncoupling is as quick and simple as coupling. Just lift the cam arms and remove the adapter.

Note:
Finger rings are not supplied

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Safety notes:

Under no circumstances should cam and groove couplings be used for compressed air or steam service!

Pressure rating recommendations are based on the use of mating Dixon fittings at ambient temperature 70°F with a standard seal installed. For use at elevated temperature or other unusual operating conditions, consult Dixon.

Dixon and Boss-Lock cam and groove couplings do not interchange in the 1/2" size.

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

TECHNICAL SPECIFICATIONS

Factory Part Number	50-D-BR
Material	Brass
Maximum Operating Pressure	150 PSI
Seal	Buna-N
Size	1/2"
Weight Lb	0.3550

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