

Internally Expanded Permanent Couplings - Scovill Style



Do not interchange with other manufacturer's fittings.

Applications:

- Recommended for discharge and suction service; commonly used in the transfer of fuel to homes, airplanes, ships, etc.
- fittings are intended for fuel delivery service, see page 425 for information on API 1529 certification

Features:

- male and female stems are machined from bar stock or solid brass forgings; ferrules are available in brass and stainless steel
- compact, lightweight and streamlined to eliminate catching on curbs and shrubs
- stems and ferrules are designed to be used together as a coupling system
- stem is expanded to nominal ID of hose for a rigid, uniform, full-flow area
- all fittings have octagonal facets for tightening with a wrench; females in 1½" and larger sizes have lugs for tightening
- pre-lubricated for assembly
- designed for internal expansion only
- hand and electrically operated installation equipment is available, consult Dixon for pricing and availability
- working pressure varies with the size of the fitting, the size and construction of the hose and the media being conveyed, consult Dixon for recommendations



	male NPT		male NST		female NPSH		female NST		grooved	
Hose ID	Brass Part #	Price/E	Brass Part #	Price/E	Brass Part #	Price/E	Brass Part #	Price/E	Brass Part #	Price/E
¾"	H5192	\$23.85	---	---	H5191-BU	\$41.00	---	---	---	---
1"	H5212-A	26.35	H5212NST	\$26.50	H5211-A-BU	43.75	H5211NST	\$51.75	G5212	\$32.55
1¼"	H5222-A	35.10	---	---	H5221-A-BU	50.80	---	---	---	---
1⅝"	H5272 ¹	41.00	---	---	H5271-BU ¹	79.20	---	---	---	---
1½"	H5232-A	42.50	H5232NST	42.05	H5231-A-BU	78.60	H5231NST ²	83.60	G5232	59.20
2"	H5242	81.70	---	---	H5241-BU	137.90	---	---	G5242	80.50
2½"	H5252	138.00	---	---	H5251 ³	215.00	---	---	G5252	138.00
3"	H5262	185.00	---	---	H5261 ³	282.00	---	---	---	---

¹ 1-3/8" stem has 1½" thread

² 1½" NST requires special adapter, part # H5231NSTADT

³ 2½" and 3" parts have female NPSM thread

520-H Ferrules



Feature:

- Eliminates the need for a large stock of coupling bodies. With a wide range of sizes available, you can build the perfect assembly of a coupling to a corresponding hose size with commercial tolerances, regardless of wall thickness

Hose ID	Hose OD		Brass		Hose ID	Hose OD		Brass		Hose ID	Hose OD		Brass	
	From:	To:	Part #	Price/E		From:	To:	Part #	Price/E		From:	To:	Part #	Price/E
¾"	1-4/64"	1-7/64"	R75AAAAS	\$8.55	1⅝"	1-47/64"	1-50/64"	R1375BS	\$17.30	2"	2-27/64"	2-30/64"	R2AAS	\$32.80
	1-8/64"	1-11/64"	R75AAS	8.55		1-51/64"	1-54/64"	R1375CS	17.30		2-31/64"	2-34/64"	R2AS	32.80
	1-12/64"	1-14/64"	R75AS	8.55		1-55/64"	1-58/64"	R1375DS	17.30		2-35/64"	2-38/64"	R2BS	32.80
	1-15/64"	1-17/64"	R75BS	8.55		1-59/64"	1-62/64"	R1375ES	17.30		2-39/64"	2-42/64"	R2CS	32.80
	1-18/64"	1-20/64"	R75CS	8.55		1-54/64"	1-57/64"	R15AAAS-A	17.55		2-43/64"	2-46/64"	R2DS	32.80
1"	1-24/64"	1-26/64"	R1AAAS-A	9.85	1½"	1-58/64"	1-62/64"	R15AAS-A	17.55		2-47/64"	2-50/64"	R2ES	32.80
	1-27/64"	1-29/64"	R1AAS-A	9.85		1-63/64"	2-2/64"	R15AS-A	17.55		2-51/64"	2-54/64"	R2FS	32.80
	1-30/64"	1-32/64"	R1AS-A	9.85		2-3/64"	2-6/64"	R15BS-A	17.55	2½"	2-62/64"	3-1/64"	R25AS	46.10
	1-33/64"	1-35/64"	R1BS-A	9.85		2-7/64"	2-11/64"	R15CS-A	17.55		3-2/64"	3-6/64"	R25BS	46.10
	1-36/64"	1-38/64"	R1CS-A	9.85		2-12/64"	2-14/64"	R15DS-A	17.55		3-7/64"	3-11/64"	R25CS	46.10
	1-39/64"	1-41/64"	R1DS-A	9.85		2-15/64"	2-19/64"	R15ES-A	17.55		3-12/64"	3-16/64"	R25DS	46.10
	1-42/64"	1-44/64"	R1ES-A	9.85		2-20/64"	2-24/64"	R15FS ¹	17.55		3-17/64"	3-21/64"	R25ES	46.10
1¼"	1-39/64"	1-42/64"	R125AAS-A	14.70	2"	2-25/64"	2-28/64"	R15GS ¹	17.55		3-22/64"	3-26/64"	R25FS	46.10
	1-43/64"	1-46/64"	R125AS-A	14.70	3"	3-30/64"	3-34/64"	R3AAAAS	62.90		3-30/64"	3-34/64"	R3AAS	62.90
	1-47/64"	1-50/64"	R125BS-A	14.70		3-35/64"	3-39/64"	R3AS	62.90		3-40/64"	3-45/64"	R3BS	62.90
	1-51/64"	1-54/64"	R125CS-A	14.70		3-46/64"	3-50/64"	R3BS	62.90		3-51/64"	3-54/64"	R3CS	62.90
	1-55/64"	1-58/64"	R125DS-A	14.70										
	1-59/64"	1-62/64"	R125ES ¹	14.70										

¹ will be replaced by API ferrules