

# 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



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

<sup>1</sup> 1-3/8" stem has 1½" thread

<sup>2</sup> 1½" NST requires special adapter, part # H5231NSTADT

<sup>3</sup> 2½" and 3" parts have female NPSM thread

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## 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"	<b>R75AAAS</b>	<b>\$8.55</b>	1⅝"	1-47/64"	1-50/64"	<b>R1375BS</b>	<b>\$17.30</b>	2"	2-27/64"	2-30/64"	<b>R2AAS</b>	<b>\$32.80</b>
	1-8/64"	1-11/64"	<b>R75AAS</b>	<b>8.55</b>		1-51/64"	1-54/64"	<b>R1375CS</b>	<b>17.30</b>		2-31/64"	2-34/64"	<b>R2AS</b>	<b>32.80</b>
	1-12/64"	1-14/64"	<b>R75AS</b>	<b>8.55</b>		1-55/64"	1-58/64"	<b>R1375DS</b>	<b>17.30</b>		2-35/64"	2-38/64"	<b>R2BS</b>	<b>32.80</b>
	1-15/64"	1-17/64"	<b>R75BS</b>	<b>8.55</b>		1-59/64"	1-62/64"	<b>R1375ES</b>	<b>17.30</b>		2-39/64"	2-42/64"	<b>R2CS</b>	<b>32.80</b>
	1-18/64"	1-20/64"	<b>R75CS</b>	<b>8.55</b>		1-54/64"	1-57/64"	<b>R15AAAS-A</b>	<b>17.55</b>		2-43/64"	2-46/64"	<b>R2DS</b>	<b>32.80</b>
1"	1-24/64"	1-26/64"	<b>R1AAAS-A</b>	<b>9.85</b>	1-58/64"	1-62/64"	<b>R15AAS-A</b>	<b>17.55</b>	2-47/64"		2-50/64"	<b>R2ES</b>	<b>32.80</b>	
	1-27/64"	1-29/64"	<b>R1AAS-A</b>	<b>9.85</b>	1-63/64"	2-2/64"	<b>R15AS-A</b>	<b>17.55</b>	2-51/64"		2-54/64"	<b>R2FS</b>	<b>32.80</b>	
	1-30/64"	1-32/64"	<b>R1AS-A</b>	<b>9.85</b>	2-3/64"	2-6/64"	<b>R15BS-A</b>	<b>17.55</b>	2-62/64"		3-1/64"	<b>R25AS</b>	<b>46.10</b>	
	1-33/64"	1-35/64"	<b>R1BS-A</b>	<b>9.85</b>	2-7/64"	2-11/64"	<b>R15CS-A</b>	<b>17.55</b>	3-2/64"		3-6/64"	<b>R25BS</b>	<b>46.10</b>	
	1-36/64"	1-38/64"	<b>R1CS-A</b>	<b>9.85</b>	2-12/64"	2-14/64"	<b>R15DS-A</b>	<b>17.55</b>	3-7/64"		3-11/64"	<b>R25CS</b>	<b>46.10</b>	
	1-39/64"	1-41/64"	<b>R1DS-A</b>	<b>9.85</b>	2-15/64"	2-19/64"	<b>R15ES-A</b>	<b>17.55</b>	3-12/64"	3-16/64"	<b>R25DS</b>	<b>46.10</b>		
1-42/64"	1-44/64"	<b>R1ES-A</b>	<b>9.85</b>	2-20/64"	2-24/64"	<b>R15FS</b> <sup>1</sup>	<b>17.55</b>	3-17/64"	3-21/64"	<b>R25ES</b>	<b>46.10</b>			
1¼"	1-39/64"	1-42/64"	<b>R125AAS-A</b>	<b>14.70</b>	2-25/64"	2-28/64"	<b>R15GS</b> <sup>1</sup>	<b>17.55</b>	3-22/64"	3-26/64"	<b>R25FS</b>	<b>46.10</b>		
	1-43/64"	1-46/64"	<b>R125AS-A</b>	<b>14.70</b>	1½"	2-7/64"	2-11/64"	<b>R15CS-A</b>	<b>17.55</b>	2½"	3-30/64"	3-34/64"	<b>R3AAAS</b>	<b>62.90</b>
	1-47/64"	1-50/64"	<b>R125BS-A</b>	<b>14.70</b>							3-35/64"	3-39/64"	<b>R3AAS</b>	<b>62.90</b>
	1-51/64"	1-54/64"	<b>R125CS-A</b>	<b>14.70</b>							3-40/64"	3-45/64"	<b>R3AS</b>	<b>62.90</b>
	1-55/64"	1-58/64"	<b>R125DS-A</b>	<b>14.70</b>							3-46/64"	3-50/64"	<b>R3BS</b>	<b>62.90</b>
	1-59/64"	1-62/64"	<b>R125ES</b> <sup>1</sup>	<b>14.70</b>							3-51/64"	3-54/64"	<b>R3CS</b>	<b>62.90</b>

<sup>1</sup> will be replaced by API ferrules