

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.
- intended for fuel delivery service, see page 445 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" | 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 | 51.80 | --- | --- | --- | --- |
| 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 1⅝" stem has 1½" thread

² 1½" NST requires special adapter, part # H5231NSTADT

³ 2½" and 3" parts have female NPSM thread

M

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" | R75AAAS | \$8.55 | 1⅝" | 1-47/64" | 1-50/64" | R1375BS | \$17.60 | 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 | 17.60 | | 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 | 17.60 | | 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 | 17.60 | | 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 | 18.00 | | 2-43/64" | 2-46/64" | R2DS | 32.80 |
| 1" | 1-24/64" | 1-26/64" | R1AAAS-A | 9.95 | 1-58/64" | 1-62/64" | R15AAS-A | 18.00 | 2-47/64" | | 2-50/64" | R2ES | 32.80 | |
| | 1-27/64" | 1-29/64" | R1AAS-A | 9.95 | 1-63/64" | 2-2/64" | R15AS-A | 18.00 | 2-51/64" | | 2-54/64" | R2FS | 32.80 | |
| | 1-30/64" | 1-32/64" | R1AS-A | 9.95 | 2-3/64" | 2-6/64" | R15BS-A | 18.00 | 2½" | | 2-62/64" | 3-1/64" | R25AS | 46.10 |
| | 1-33/64" | 1-35/64" | R1BS-A | 9.95 | 2-7/64" | 2-11/64" | R15CS-A | 18.00 | | | 3-2/64" | 3-6/64" | R25BS | 46.10 |
| | 1-36/64" | 1-38/64" | R1CS-A | 9.95 | 2-12/64" | 2-14/64" | R15DS-A | 18.00 | | | 3-7/64" | 3-11/64" | R25CS | 46.10 |
| | 1-39/64" | 1-41/64" | R1DS-A | 9.95 | 2-15/64" | 2-19/64" | R15ES-A | 18.00 | | 3-12/64" | 3-16/64" | R25DS | 46.10 | |
| 1-42/64" | 1-44/64" | R1ES-A | 9.95 | 2-20/64" | 2-24/64" | R15FS-A ¹ | 17.55 | 3-17/64" | | 3-21/64" | R25ES | 46.10 | | |
| 1-39/64" | 1-42/64" | R125AAS-A | 14.70 | 2-25/64" | 2-28/64" | R15GS ¹ | 17.55 | 3-22/64" | | 3-26/64" | R25FS | 46.10 | | |
| 1¼" | 1-43/64" | 1-46/64" | R125AS-A | 14.70 | 3" | 3-30/64" | 3-34/64" | R3AAAS | 62.90 | | | | | |
| | 1-47/64" | 1-50/64" | R125BS-A | 14.70 | | 3-35/64" | 3-39/64" | R3AAS | 62.90 | | | | | |
| | 1-51/64" | 1-54/64" | R125CS-A | 14.70 | | 3-40/64" | 3-45/64" | R3AS | 62.90 | | | | | |
| | 1-55/64" | 1-58/64" | R125DS-A | 14.70 | | 3-46/64" | 3-50/64" | R3BS | 62.90 | | | | | |
| | 1-59/64" | 1-62/64" | R125ES-A ¹ | 14.70 | | 3-51/64" | 3-54/64" | R3CS | 62.90 | | | | | |

¹ will be replaced by API ferrules