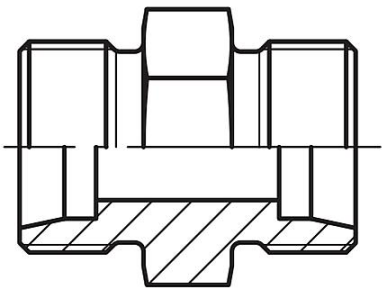
# DIN Tube Fitting/Union Connector/Tube to Tube





**Industry Standard:**

**DIN 2353 / ISO 8434-1**

**Design Type:**

**24 degree cone connector**

**Material:**

**Carbon Steel/Stainless Steel**

**Finish:**

**Zinc Plated/ZnNi Alloy**

**Body Type:**

**Straight(S),Elbow(E),Tee(T),Cross(K)**

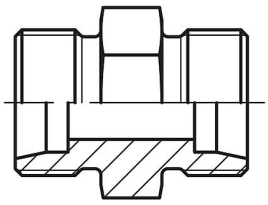
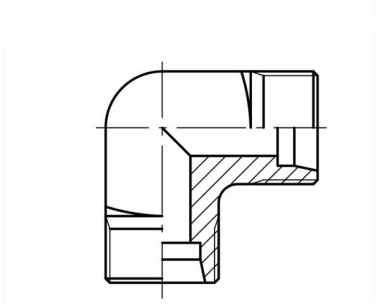
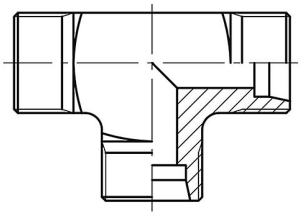
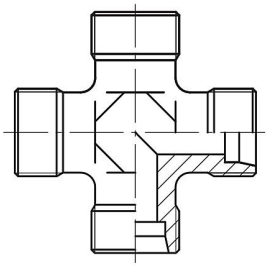
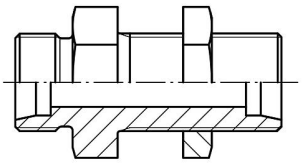
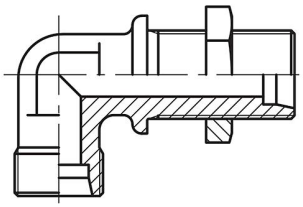
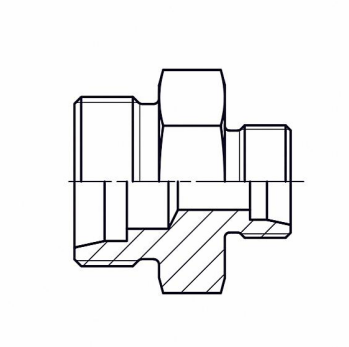
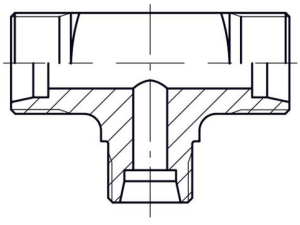
FITSCH

**DIN Tube Fittings Introduction**

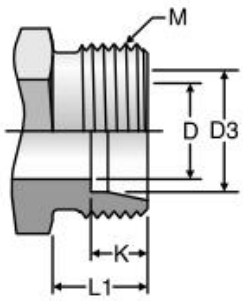
The origin of DIN tube fitting is from Germany Ermeto in 1930's, DIN is Deutschen Instituts für Normung, later International Standard Organization(ISO) edit the ISO 8434-1 with the design of 24 degree cone connectors, is equal to part of DIN 2353 standards. It is also called "cutting ring fittings", "flareless bite type fittings" and "Ermeto EO fittings"

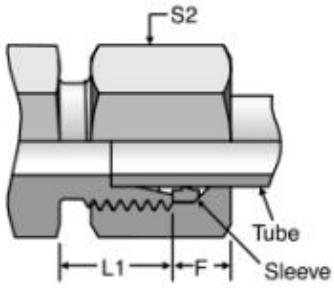
**Overview shapes Of DIN Tube Fittings**

Tube to tube connector is made of these shapes, from hex bar or forging body as follows:

| | | |
|---|---|---|
| **Straight**<br>**(S-G-1C)**<br> | **Elbow**<br>**(E-W-1C9)**<br> | **Tee**<br>**(T-AC)**<br> |
| **Cross**<br>**(K-XC)**<br> | **Bulkhead Straight**<br>**(BHS-SV-6C)**<br> | **Bulkhead Elbow**<br>**(BHE-WSV-6C9)**<br> |
| **Straight**<br>**Reducer(GR-1C)**<br> | **Tee Reducer**<br>**(TR-AC)**<br> | |

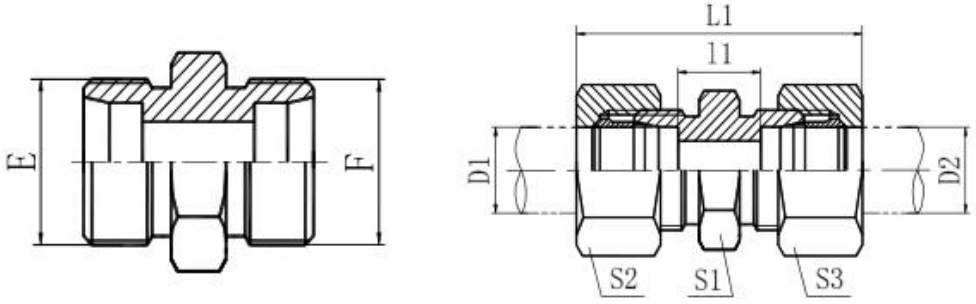
**Dimensions of DIN 3871/DIN 2353/ISO 8434-1 for 24 degree tube cone ends**




| Size | End Size | Thread | Drill | Tube Nut Assembled Allowance | Tube Depth | Male Turn Back | Tube/Swivel Nut Hex |
|---|---|---|---|---|---|---|---|
| | D3 (mm) | M Metric | D (mm) | F (mm) | k (mm) | L1 (mm) | S2 (mm) |
| 4LL | 4 | M8x1 | 3 | 5.5 | 4.2 | 8 | 10 |
| 6LL | 6 | M10x1 | 4.5 | 6 | 5.7 | 8 | 12 |
| 8LL | 8 | M12x1 | 6 | 6 | 5.7 | g | 14 |
| 10LL | 10 | M14x1 | 8 | 6 | 5.7 | 9 | 17 |
| 12LL | 12 | M16x1 | 10 | 6 | 6.2 | g | 19 |
| 6L | 6 | M12x1.5 | 4 | 8 | 7.2 | 10 | 14 |
| 8L | 8 | M14x1.5 | 6 | 8 | 7.2 | 10 | 17 |
| 10L | 10 | M16x1.5 | 8 | 8 | 7.2 | 11 | 19 |
| 12L | 12 | M18x1.5 | 10 | 8 | 7.2 | 11 | 22 |
| 15L | 15 | M22x1.5 | 12 | 8 | 7.2 | 12 | 27 |
| 18L | 18 | M26x1.5 | 15 | 8 | 7.7 | 12 | 32 |
| 22L | 22 | M30x2 | 19 | 8 | 7.7 | 14 | 36 |
| 28L | 28 | M36x2 | 24 | 9 | 7.7 | 14 | 41 |
| 35L | 35 | M45x2 | 30 | 11 | 10.7 | 16 | 50 |
| 42L | 42 | M52x2 | 36 | 12 | 11.2 | 16 | 60 |
| 6S | 6 | M14x1.5 | 4 | 8 | 7.2 | 12 | 17 |
| 8S | 8 | M16x1.5 | 5 | 8 | 7.2 | 12 | 19 |
| 10s | 10 | M18x1.5 | 7 | g | 7.7 | 12 | 22 |
| 12S | 12 | M20x1.5 | 9 | g | 7.7 | 12 | 24 |
| 14S | 14 | M22x1.5 | 10 | 10 | 8.2 | 14 | 27 |
| 16S | 16 | M24x1.5 | 12 | 10 | 8.7 | 14 | 30 |
| 20S | 20 | M30x2 | 16 | 11 | 10.7 | 16 | 36 |
| 25S | 25 | M36x2 | 20 | 12 | 12.2 | 18 | 46 |
| 30S | 30 | M42x2 | 25 | 13 | 13.7 | 20 | 50 |
| 38S | 38 | M52x2 | 32 | 15 | 16.2 | 22 | 60 |

**1C/1D** Dimension sheet of Straight Union Connector

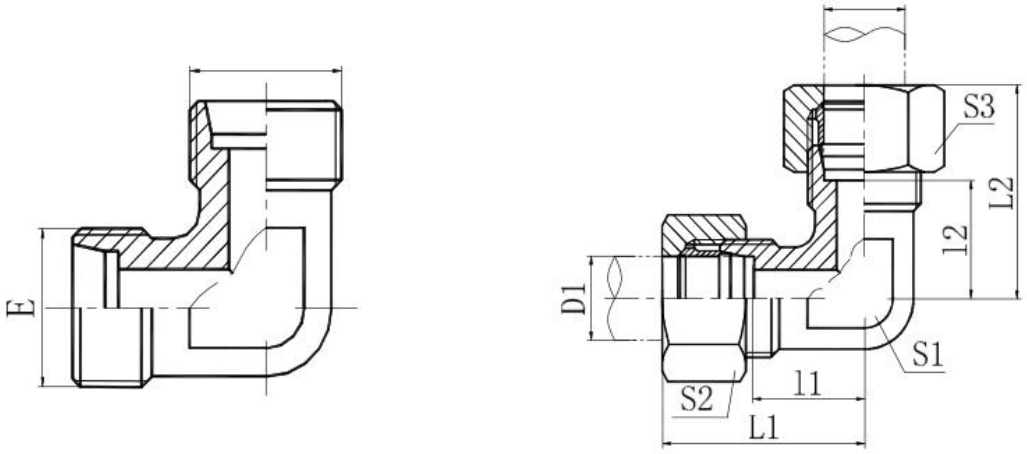



REF: ISO 8434-1/ DIN 3861/DIN 2353; Interchangeable into Parker G series

| PART NO. | | THREAD | | TUBE O.D. | | DIMENSIONS | | | | | Weight | CROSS REFERENCE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BODY | ASSEMBLY | E | F | D1 | D2 | l1 | L1 | S1 | S2 | S3 | g/1pc | PARKER PN | ISO 8434-1 |
| L SERIES | | | | | | | | | | | | | |
| 1C-12 | 1C-12RN | M12X1.5 | M12X1.5 | 6 | 6 | 10 | 39 | **12** | 14 | 14 | 12 | G06L | S-L6*M12 |
| 1C-14 | 1C-14RN | M14X1.5 | M14X1.5 | 8 | 8 | 11 | 40 | **14** | 17 | 17 | 16 | G08L | S-L8*M14 |
| 1C-16 | 1C-16RN | M16X1.5 | M16X1.5 | 10 | 10 | 13 | 42 | **17** | 19 | 19 | 23 | G10L | S-L10*M16 |
| 1C-18 | 1C-18RN | M18X1.5 | M18X1.5 | 12 | 12 | 14 | 43 | **19** | 22 | 22 | 28 | G12L | S-L12*M18 |
| 1C-22 | 1C-22RN | M22X1.5 | M22X1.5 | 15 | 15 | 16 | 46 | **24** | 27 | 27 | 51 | G15L | S-L15*M22 |
| 1C-26 | 1C-26RN | M26X1.5 | M26X1.5 | 18 | 18 | 16 | 48 | **27** | 32 | 32 | 69 | G18L | S-L18*M26 |
| 1C-30 | 1C-30RN | M30X2 | M30X2 | 22 | 22 | 20 | 52 | **32** | 36 | 36 | 90 | G22L | S-L22*M30 |
| 1C-36 | 1C-36RN | M36X2 | M36X2 | 28 | 28 | 21 | 54 | **41** | 41 | 41 | 137 | G28L | S-L28*M36 |
| 1C-45 | 1C-45RN | M45X2 | M45X2 | 35 | 35 | 20 | 63 | **46** | 50 | 50 | 214 | G35L | S-L35*M45 |
| 1C-52 | 1C-52RN | M52X2 | M52X2 | 42 | 42 | 21 | 66 | **55** | 60 | 60 | 296 | G42L | S-L42*M52 |
| **S SERIES** | | | | | | | | | | | | | |
| 1D-14 | 1D-14RN | M14X1.5 | M14X1.5 | 6 | 6 | 16 | 45 | **14** | 17 | 17 | 26 | G06S | S-S6*M14 |
| 1D-16 | 1D-16RN | M16X1.5 | M16X1.5 | 8 | 8 | 18 | 47 | **17** | 19 | 19 | 37 | G08S | S-S8*M16 |
| 1D-18 | 1D-18RN | M18X1.5 | M18X1.5 | 10 | 10 | 17 | 49 | **19** | 22 | 22 | 44 | G10S | S-S10*M18 |
| 1D-20 | 1D-20RN | M20X1.5 | M20X1.5 | 12 | 12 | 19 | 51 | **22** | 24 | 24 | 60 | G12S | S-S12*M20 |
| 1D-22 | 1D-22RN | M22X1.5 | M22X1.5 | 14 | 14 | 22 | 57 | **24** | 27 | 27 | 77 | G14S | S-S14*M22 |
| 1D-24 | 1D-24RN | M24X1.5 | M24X1.5 | 16 | 16 | 21 | 57 | **27** | 30 | 30 | 90 | G16S | S-S16*M24 |
| 1D-30 | 1D-30RN | M30X2 | M30X2 | 20 | 20 | 23 | 66 | **32** | 36 | 36 | 143 | G20S | S-S20*M30 |
| 1D-36 | 1D-36RN | M36X2 | M36X2 | 25 | 25 | 26 | 74 | **41** | 46 | 46 | 251 | G25S | S-S25*M36 |
| 1D-42 | 1D-42RN | M42X2 | M42X2 | 30 | 30 | 27 | 80 | **46** | 50 | 50 | 330 | G30S | S-S30*M42 |
| 1D-52 | 1D-52RN | M52X2 | M52X2 | 38 | 38 | 29 | 90 | **55** | 60 | 60 | 545 | G38S | S-S38*M52 |

NOTE: If order stainless steel please add SS after part no, ie 1C-12SS.

**1C9/1D9** Dimension sheet of 90 degree Elbow Union Connector

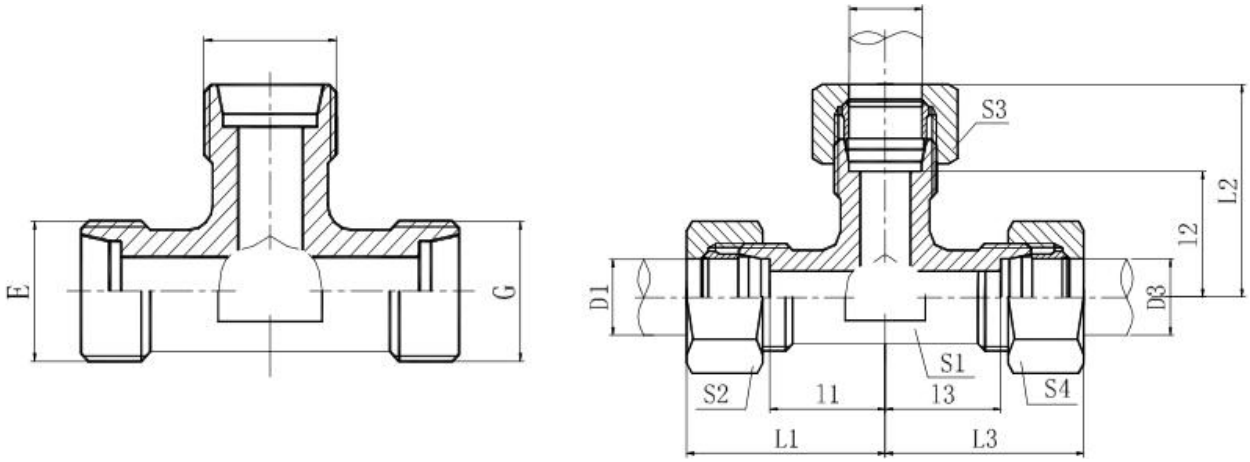



REF: ISO 8434-1/ DIN 3861/DIN 2353; Interchangeable into Parker W series

| PART NO. | | THREAD | | TUBE O.D. | | DIMENSIONS | | | | Weight | CROSS REFERENCE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BODY | ASSEMBLY | E | F | D1 | D2 | l1,l2 | L1,L2 | S1 | S2,S3 | g/1pc | PARKER PN | ISO 8434-1 |
| L SERIES | | | | | | | | | | | | |
| 1C9-12 | 1C9-12RN | M12X1.5 | M12X1.5 | 6 | 6 | 12 | 27 | **12** | 14 | 29 | W06L | E-L6*M12 |
| 1C9-14 | 1C9-14RN | M14X1.5 | M14X1.5 | 8 | 8 | 14 | 29 | **12** | 17 | 43 | W08L | E-L8*M14 |
| 1C9-16 | 1C9-16RN | M16X1.5 | M16X1.5 | 10 | 10 | 15 | 30 | **14** | 19 | 54 | W10L | E-L10*M16 |
| 1C9-18 | 1C9-18RN | M18X1.5 | M18X1.5 | 12 | 12 | 17 | 32 | **17** | 22 | 80 | W12L | E-L12*M18 |
| 1C9-22 | 1C9-22RN | M22X1.5 | M22X1.5 | 15 | 15 | 21 | 36 | **19** | 27 | 81 | W15L | E-L15*M22 |
| 1C9-26 | 1C9-26RN | M26X1.5 | M26X1.5 | 18 | 18 | 23.5 | 40 | **24** | 32 | 140 | W18L | E-L18*M26 |
| 1C9-30 | 1C9-30RN | M30X2 | M30X2 | 22 | 22 | 27.5 | 44 | **27** | 36 | 178 | W22L | E-L22*M30 |
| 1C9-36 | 1C9-36RN | M36X2 | M36X2 | 28 | 28 | 30.5 | 47 | **36** | 41 | 340 | W28L | E-L28*M36 |
| 1C9-45 | 1C9-45RN | M45X2 | M45X2 | 35 | 35 | 34.5 | 56 | **41** | 50 | 458 | W35L | E-L35*M45 |
| 1C9-52 | 1C9-52RN | M52X2 | M52X2 | 42 | 42 | 40 | 63 | **50** | 60 | 776 | W42L | E-L42*M52 |
| **S SERIES** | | | | | | | | | | | | |
| 1D9-14 | 1D9-14RN | M14X1.5 | M14X1.5 | 6 | 6 | 16 | 31 | **12** | 17 | 52 | W06S | E-S6*M14 |
| 1D9-16 | 1D9-16RN | M16X1.5 | M16X1.5 | 8 | 8 | 17 | 32 | **14** | 19 | 74 | W08S | E-S8*M16 |
| 1D9-18 | 1D9-18RN | M18X1.5 | M18X1.5 | 10 | 10 | 17.5 | 34 | **17** | 22 | 97 | W10S | E-S10*M18 |
| 1D9-20 | 1D9-20RN | M20X1.5 | M20X1.5 | 12 | 12 | 21.5 | 38 | **17** | 24 | 137 | W12S | E-S12*M20 |
| 1D9-22 | 1D9-22RN | M22X1.5 | M22X1.5 | 14 | 14 | 22 | 40 | **19** | 27 | 145 | W14S | E-S14*M22 |
| 1D9-24 | 1D9-24RN | M24X1.5 | M24X1.5 | 16 | 16 | 24.5 | 43 | **24** | 30 | 162 | W16S | E-S16*M24 |
| 1D9-30 | 1D9-30RN | M30X2 | M30X2 | 20 | 20 | 26.5 | 48 | **27** | 36 | 221 | W20S | E-S20*M30 |
| 1D9-36 | 1D9-36RN | M36X2 | M36X2 | 25 | 25 | 30 | 54 | **36** | 46 | 424 | W25S | E-S25*M36 |
| 1D9-42 | 1D9-42RN | M42X2 | M42X2 | 30 | 30 | 35.5 | 62 | **41** | 50 | 603 | W30S | E-S30*M42 |
| 1D9-52 | 1D9-52RN | M52X2 | M52X2 | 38 | 38 | 41 | 72 | **50** | 60 | 1010 | W38S | E-S38*M52 |

NOTE: If order stainless steel please add SS after part no, ie 1C9-12SS.

**AC/AD** Dimension sheet of Tee Union Connector

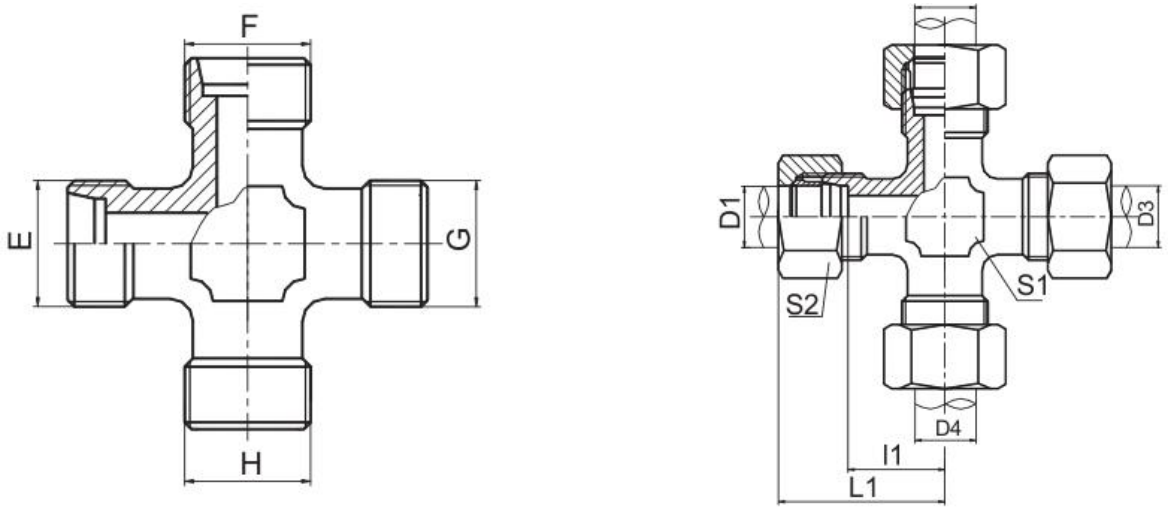



REF: ISO 8434-1/ DIN 3861/DIN 2353; Interchangeable into Parker T series

| PART NO. | | THREAD | TUBE O.D. | DIMENSIONS | | | | Weight | CROSS REFERENCE | |
|---|---|---|---|---|---|---|---|---|---|---|
| BODY | ASSEMBLY | E ,F ,G | D1 , D2 ,D3 | l1,l2,l3 | L1,L2,L3 | S1 | S2,S3,S4 | g/1pc | PARKER PN | ISO 8434-1 |
| L SERIES | | | | | | | | | | |
| AC-12 | AC-12RN | M12X1.5 | 6 | 12 | 27 | **12** | 14 | 37 | T06L | T-L6*M12 |
| AC-14 | AC-14RN | M14X1.5 | 8 | 14 | 29 | **12** | 17 | 53 | T08L | T-L8*M14 |
| AC-16 | AC-16RN | M16X1.5 | 10 | 15 | 30 | **14** | 19 | 48 | T10L | T-L10*M16 |
| AC-18 | AC-18RN | M18X1.5 | 12 | 17 | 32 | **17** | 22 | 65 | T12L | T-L12*M18 |
| AC-22 | AC-22RN | M22X1.5 | 15 | 21 | 36 | **19** | 27 | 106 | T15L | T-L15*M22 |
| AC-26 | AC-26RN | M26X1.5 | 18 | 23.5 | 40 | **24** | 32 | 179 | T18L | T-L18*M26 |
| AC-30 | AC-30RN | M30X2 | 22 | 27.5 | 44 | **27** | 36 | 225 | T22L | T-L22*M30 |
| AC-36 | AC-36RN | M36X2 | 28 | 30.5 | 47 | **36** | 41 | 396 | T28L | T-L28*M36 |
| AC-45 | AC-45RN | M45X2 | 35 | 34.5 | 56 | **41** | 50 | 567 | T35L | T-L35*M45 |
| AC-52 | AC-52RN | M52X2 | 42 | 40 | 63 | **50** | 60 | 905 | T42L | T-L42*M52 |
| **S SERIES** | | | | | | | | | | |
| AD-14 | AD-14RN | M14X1.5 | 6 | 16 | 31 | **12** | 17 | 68 | T06S | T-S6*M14 |
| AD-16 | AD-16RN | M16X1.5 | 8 | 17 | 32 | **14** | 19 | 70 | T08S | T-S8*M16 |
| AD-18 | AD-18RN | M18X1.5 | 10 | 17.5 | 34 | **17** | 22 | 91 | T10S | T-S10*M18 |
| AD-20 | AD-20RN | M20X1.5 | 12 | 21.5 | 38 | **17** | 24 | 117 | T12S | T-S12*M20 |
| AD-22 | AD-22RN | M22X1.5 | 14 | 22 | 40 | **19** | 27 | 136 | T14S | T-S14*M22 |
| AD-24 | AD-24RN | M24X1.5 | 16 | 24.5 | 43 | **24** | 30 | 202 | T16S | T-S16*M24 |
| AD-30 | AD-30RN | M30X2 | 20 | 26.5 | 48 | **27** | 36 | 289 | T20S | T-S20*M30 |
| AD-36 | AD-36RN | M36X2 | 25 | 30 | 54 | **36** | 46 | 545 | T25S | T-S25*M36 |
| AD-42 | AD-42RN | M42X2 | 30 | 35.5 | 62 | **41** | 50 | 758 | T30S | T-S30*M42 |
| AD-52 | AD-52RN | M52X2 | 38 | 41 | 72 | **50** | 60 | 1264 | T38S | T-S38*M52 |

NOTE: If order stainless steel please add SS after part no, ie AC-12SS.

**XC/XD** Dimension sheet of Cross Union Connector



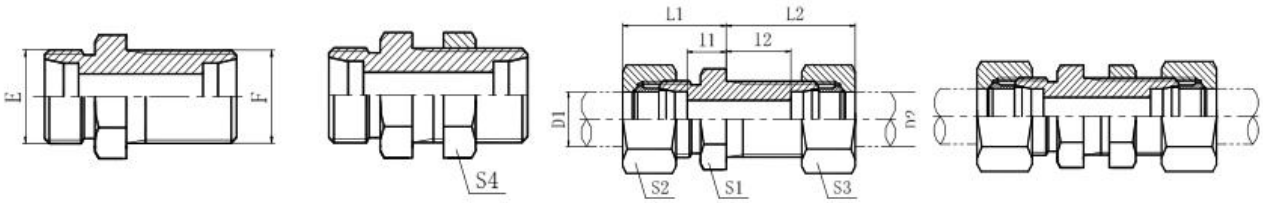

REF: ISO 8434-1/ DIN 3861/DIN 2353; Interchangeable into Parker K series

| PART NO. | | THREAD | TUBE O.D. | DIMENSIONS | | | | Weight | CROSS REFERENCE | |
|---|---|---|---|---|---|---|---|---|---|---|
| BODY | ASSEMBLY | E,F,G,H | D1,D2,D3,D4 | l1 | L1 | S1 | S2 | g/1pc | PARKER PN | ISO 8434-1 |
| L SERIES | | | | | | | | | | |
| XC-12 | XC-12RN | M12X1.5 | 6 | 12 | 27 | 12 | 14 | 35 | K06L | K-L6*M12 |
| XC-14 | XC-14RN | M14X1.5 | 8 | 14 | 29 | 12 | 17 | 40 | K08L | K-L8*M14 |
| XC-16 | XC-16RN | M16X1.5 | 10 | 15 | 30 | 14 | 19 | 52 | K10L | K-L10*M16 |
| XC-18 | XC-18RN | M18X1.5 | 12 | 17 | 32 | 17 | 22 | 69 | K12L | K-L12*M18 |
| XC-22 | XC-22RN | M22X1.5 | 15 | 21 | 36 | 19 | 27 | 130 | K15L | K-L15*M22 |
| XC-26 | XC-26RN | M26X1.5 | 18 | 23.5 | 40 | 24 | 32 | 188 | K18L | K-L18*M26 |
| XC-30 | XC-30RN | M30X2 | 22 | 27.5 | 44 | 27 | 36 | 251 | K22L | K-L22*M30 |
| XC-36 | XC-36RN | M36X2 | 28 | 30.5 | 47 | 36 | 41 | 392 | K28L | K-L28*M36 |
| XC-45 | XC-45RN | M45X2 | 35 | 34.5 | 56 | 41 | 50 | 618 | K35L | K-L35*M45 |
| XC-52 | XC-52RN | M52X2 | 42 | 40 | 63 | 50 | 60 | 905 | K42L | K-L42*M52 |
| S SERIES | | | | | | | | | | |
| XD-14 | XD-14RN | M14X1.5 | 6 | 16 | 31 | 12 | 17 | 58 | K06S | K-S6*M14 |
| XD-16 | XD-16RN | M16X1.5 | 8 | 17 | 32 | 14 | 19 | 82 | K08S | K-S8*M16 |
| XD-18 | XD-18RN | M18X1.5 | 10 | 17.5 | 34 | 17 | 22 | 97 | K10S | K-S10*M18 |
| XD-20 | XD-20RN | M20X1.5 | 12 | 21.5 | 38 | 17 | 24 | 146 | K12S | K-S12*M20 |
| XD-22 | XD-22RN | M22X1.5 | 14 | 22 | 40 | 19 | 27 | 176 | K14S | K-S14*M22 |
| XD-24 | XD-24RN | M24X1.5 | 16 | 24.5 | 43 | 24 | 30 | 220 | K16S | K-S16*M24 |
| XD-30 | XD-30RN | M30X2 | 20 | 26.5 | 48 | 27 | 36 | 339 | K20S | K-S20*M30 |
| XD-36 | XD-36RN | M36X2 | 25 | 30 | 54 | 36 | 46 | 576 | K25S | K-S25*M36 |
| XD-42 | XD-42RN | M42X2 | 30 | 35.5 | 62 | 41 | 50 | 843 | K30S | K-S30*M42 |
| XD-52 | XD-52RN | M52X2 | 38 | 41 | 72 | 50 | 60 | 1350 | K38S | K-S38*M52 |

NOTE: If order stainless steel please add SS after part no, ie XC-12SS.

# DIN HYDRAULIC FITTINGS DIN 2353/ISO 8434-1 UNION

**6C/6D** Dimension sheet of Straight Bulkhead Connector




**6C** **6C-LN** **6C-RN** **6C-LNRN**

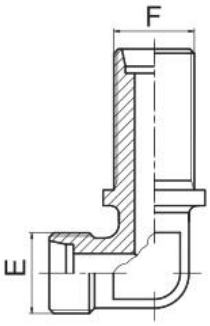
**6D** **6D-LN** **6D-RN** **6D-LNRN**

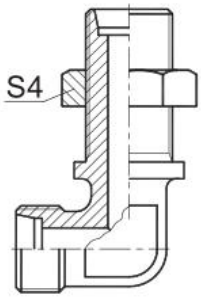
REF: ISO 8434-1/ DIN 3861/DIN 2353; Interchangeable into Parker SV series

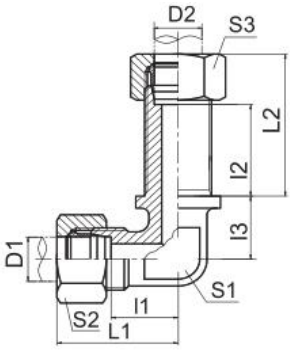
| PART NO. | | | THREAD | TUBE O.D. | DIMENSIONS | | | | | | | Weight | CROSS REFERENCE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BODY | ASSEMBLY | ASSEMBLY | E F | D1 D2 | l1 | l2 | L1 | L2 | S1 | S2,S3 | S4 | g/1 pc | PARKER PN | ISO 8434-1 |
| L SERIES | | | | | | | | | | | | | | |
| 6C-12 | 6C-12LN | 6C-12LNRN | M12X1.5 | 6 | 7 | 27 | 22 | 42 | 17 | 14 | 17 | 39 | SV06LOMD | BHS-L6*M12 |
| 6C-14 | 6C-14LN | 6C-14LNRN | M14X1.5 | 8 | 8 | 27 | 23 | 42 | 19 | 17 | 19 | 50 | SV08LOMD | BHS-L8*M14 |
| 6C-16 | 6C-16LN | 6C-16LNRN | M16X1.5 | 10 | 10 | 28 | 25 | 43 | 22 | 19 | 22 | 67 | SV10LOMD | BHS-L10*M16 |
| 6C-18 | 6C-18LN | 6C-18LNRN | M18X1.5 | 12 | 10 | 29 | 25 | 44 | 24 | 22 | 24 | 78 | SV12LOMD | BHS-L12*M18 |
| 6C-22 | 6C-22LN | 6C-22LNRN | M22X1.5 | 15 | 12 | 31 | 27 | 46 | 27 | 27 | 30 | 128 | SV15LOMD | BHS-L15*M22 |
| 6C-26 | 6C-26LN | 6C-26LNRN | M26X1.5 | 18 | 13.5 | 32.5 | 30 | 49 | 32 | 32 | 36 | 198 | SV18LOMD | BHS-L18*M26 |
| 6C-30 | 6C-30LN | 6C-30LNRN | M30X2 | 22 | 16.5 | 34.5 | 33 | 51 | 36 | 36 | 41 | 254 | SV22LOMD | BHS-L22*M30 |
| 6C-36 | 6C-36LN | 6C-36LNRN | M36X2 | 28 | 18.5 | 35.5 | 35 | 52 | 41 | 41 | 46 | 335 | SV28LOMD | BHS-L28*M36 |
| 6C-45 | 6C-45LN | 6C-45LNRN | M45X2 | 35 | 18.5 | 36.5 | 40 | 58 | 50 | 50 | 55 | 546 | SV35LOMD | BHS-L35*M45 |
| 6C-52 | 6C-52LN | 6C-52LNRN | M52X2 | 42 | 19 | 36 | 42 | 59 | 60 | 60 | 65 | 758 | SV42LOMD | BHS-L42*M52 |
| S SERIES | | | | | | | | | | | | | | |
| 6D-14 | 6D-14LN | 6D-14LNRN | M14X1.5 | 6 | 12 | 29 | 27 | 44 | 19 | 17 | 19 | 65 | SV06SOMD | BHS-S6*M14 |
| 6D-16 | 6D-16LN | 6D-16LNRN | M16X1.5 | 8 | 13 | 29 | 28 | 44 | 22 | 19 | 22 | 87 | SV08SOMD | BHS-S8*M16 |
| 6D-18 | 6D-18LN | 6D-18LNRN | M18X1.5 | 10 | 14.5 | 29.5 | 31 | 46 | 24 | 22 | 24 | 112 | SV10SOMD | BHS-S10*M18 |
| 6D-20 | 6D-20LN | 6D-20LNRN | M20X1.5 | 12 | 14.5 | 30.5 | 31 | 47 | 27 | 24 | 27 | 141 | SV12SOMD | BHS-S12*M20 |
| 6D-22 | 6D-22LN | 6D-22LNRN | M22X1.5 | 14 | 17 | 32 | 35 | 50 | 30 | 27 | 30 | 180 | SV14SOMD | BHS-S14*M22 |
| 6D-24 | 6D-24LN | 6D-24LNRN | M24X1.5 | 16 | 16.5 | 31.5 | 35 | 50 | 32 | 30 | 32 | 201 | SV16SOMD | BHS-S16*M24 |
| 6D-30 | 6D-30LN | 6D-30LNRN | M30X2 | 20 | 17.5 | 33.5 | 39 | 55 | 41 | 36 | 41 | 462 | SV20SOMD | BHS-S20*M30 |
| 6D-36 | 6D-36LN | 6D-36LNRN | M36X2 | 25 | 20 | 35 | 44 | 59 | 46 | 46 | 46 | 492 | SV25SOMD | BHS-S25*M36 |
| 6D-42 | 6D-42LN | 6D-42LNRN | M42X2 | 30 | 21.5 | 37.5 | 48 | 64 | 50 | 50 | 50 | 631 | SV30SOMD | BHS-S30*M42 |
| 6D-52 | 6D-52LN | 6D-52LNRN | M52X2 | 38 | 22 | 37 | 53 | 68 | 65 | 60 | 65 | 1083 | SV38SOMD | BHS-S38*M52 |

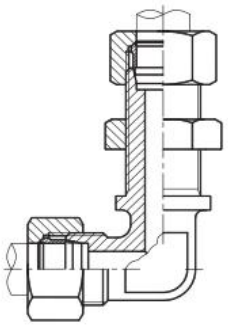
NOTE: If order stainless steel please add SS after part no, ie 6C-12SS.

**6C9/6D9** Dimension sheet of Elbow Bulkhead Connector



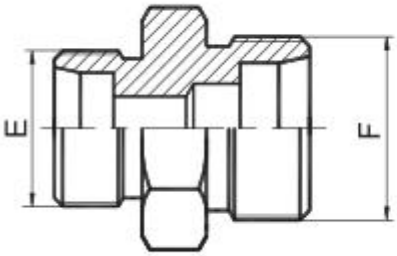



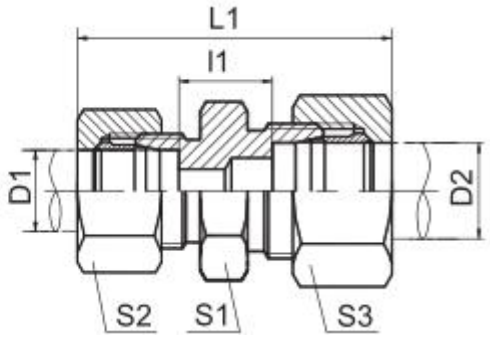
**6C9** **6C9-LN** **6C9-RN** **6C9-LN/RN**
**6D9** **6D9-LN** **6D9-RN** **6D9-LN/RN**

REF: ISO 8434-1/ DIN 3861/DIN 2353; Interchangeable into Parker SV series

| PART NO. | | | THREAD | TUBE O.D. | DIMENSIONS | | | | | | | | Weight | CROSS REFERENCE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BODY | ASSEMBLY | ASSEMBLY | E F | D1 D2 | l1 | l2 | l3 | L1 | L2 | S1 | S2,S3 | S4 | g/1pc | PARKER PN | ISO 8434-1 |
| L SERIES | | | | | | | | | | | | | | | |
| 6C9-12 | 6C9-12LN | 6C9-12LNRN | M12X1.5 | 6 | 27 | 12 | 14 | 42 | 27 | 12 | 14 | 17 | 39 | SV06LOMD | BHE-L6*M12 |
| 6C9-14 | 6C9-14LN | 6C9-14LNRN | M14X1.5 | 8 | 27 | 14 | 17 | 42 | 29 | 12 | 17 | 19 | 50 | SV08LOMD | BHE-L8*M14 |
| 6C9-16 | 6C9-16LN | 6C9-16LNRN | M16X1.5 | 10 | 28 | 15 | 18 | 43 | 30 | 14 | 19 | 22 | 67 | SV10LOMD | BHE-L10*M16 |
| 6C9-18 | 6C9-18LN | 6C9-18LNRN | M18X1.5 | 12 | 29 | 17 | 20 | 44 | 32 | 17 | 22 | 24 | 78 | SV12LOMD | BHE-L12*M18 |
| 6C9-22 | 6C9-22LN | 6C9-22LNRN | M22X1.5 | 15 | 31 | 21 | 23 | 46 | 36 | 19 | 27 | 30 | 128 | SV15LOMD | BHE-L15*M22 |
| 6C9-26 | 6C9-26LN | 6C9-26LNRN | M26X1.5 | 18 | 32.5 | 23.5 | 24 | 49 | 40 | 24 | 32 | 36 | 198 | SV18LOMD | BHE-L18*M26 |
| 6C9-30 | 6C9-30LN | 6C9-30LNRN | M30X2 | 22 | 34.5 | 27.5 | 30 | 51 | 44 | 27 | 36 | 41 | 254 | SV22LOMD | BHE-L22*M30 |
| 6C9-36 | 6C9-36LN | 6C9-36LNRN | M36X2 | 28 | 35.5 | 30.5 | 34 | 52 | 47 | 36 | 41 | 46 | 335 | SV28LOMD | BHE-L28*M36 |
| 6C9-45 | 6C9-45LN | 6C9-45LNRN | M45X2 | 35 | 36.5 | 34.5 | 39 | 58 | 56 | 41 | 50 | 55 | 546 | SV35LOMD | BHE-L35*M45 |
| 6C9-52 | 6C9-52LN | 6C9-52LNRN | M52X2 | 42 | 36 | 40 | 43 | 59 | 63 | 50 | 60 | 65 | 758 | SV42LOMD | BHE-L42*M52 |
| S SERIES | | | | | | | | | | | | | | | |
| 6D9-14 | 6D9-14LN | 6D9-14LNRN | M14X1.5 | 6 | 29 | 16 | 17 | 44 | 31 | 12 | 17 | 19 | 65 | SV06SOMD | BHE-S6*M14 |
| 6D9-16 | 6D9-16LN | 6D9-16LNRN | M16X1.5 | 8 | 29 | 17 | 18 | 44 | 32 | 14 | 19 | 22 | 87 | SV08SOMD | BHE-S8*M16 |
| 6D9-18 | 6D9-18LN | 6D9-18LNRN | M18X1.5 | 10 | 29.5 | 17.5 | 20 | 46 | 34 | 17 | 22 | 24 | 112 | SV10SOMD | BHE-S10*M18 |
| 6D9-20 | 6D9-20LN | 6D9-20LNRN | M20X1.5 | 12 | 30.5 | 21.5 | 21 | 47 | 38 | 17 | 24 | 27 | 141 | SV12SOMD | BHE-S12*M20 |
| 6D9-22 | 6D9-22LN | 6D9-22LNRN | M22X1.5 | 14 | 32 | 22 | 23 | 50 | 40 | 19 | 27 | 30 | 180 | SV14SOMD | BHE-S14*M22 |
| 6D9-24 | 6D9-24LN | 6D9-24LNRN | M24X1.5 | 16 | 31.5 | 24.5 | 24 | 50 | 43 | 24 | 30 | 32 | 201 | SV16SOMD | BHE-S16*M24 |
| 6D9-30 | 6D9-30LN | 6D9-30LNRN | M30X2 | 20 | 33.5 | 26.5 | 30 | 55 | 48 | 27 | 36 | 41 | 462 | SV20SOMD | BHE-S20*M30 |
| 6D9-36 | 6D9-36LN | 6D9-36LNRN | M36X2 | 25 | 35 | 30 | 34 | 59 | 54 | 36 | 46 | 46 | 492 | SV25SOMD | BHE-S25*M36 |
| 6D9-42 | 6D9-42LN | 6D9-42LNRN | M42X2 | 30 | 37.5 | 35.5 | 39 | 64 | 62 | 41 | 50 | 50 | 631 | SV30SOMD | BHE-S30*M42 |
| 6D9-52 | 6D9-52LN | 6D9-52LNRN | M52X2 | 38 | 37 | 41 | 43 | 68 | 72 | 50 | 60 | 65 | 1083 | SV38SOMD | BHE-S38*M52 |

**1C/1D** Dimension sheet of Straight Reducer Union Connector



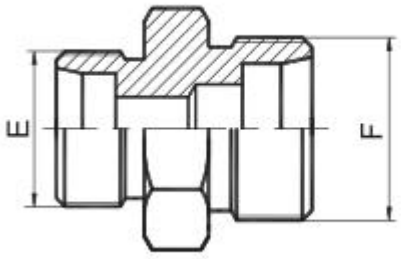

REF: ISO 8434-1/ DIN 3861/DIN 2353; Interchangeable into Parker GR series

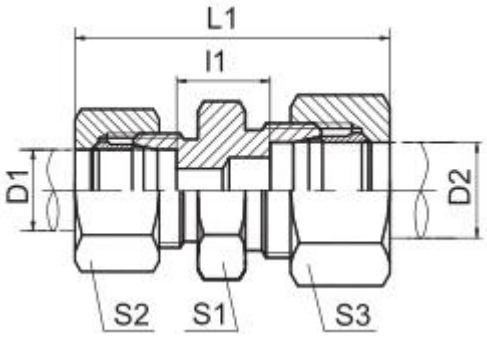
| PART NO. | | THREAD | | TUBE O.D. | | DIMENSIONS | | | | | Weight | CROSS REFERENCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BODY | ASSEMBLY | E | F | D1 | D2 | L1 | l1 | S1 | S2 | S3 | g/1pc | PARKER PN |
| L SERIES | | | | | | | | | | | | |
| 1C-12-14 | 1C-12-14RN | M12X1.5 | M14X1.5 | 6 | 8 | 40 | 11 | 14 | 15 | 17 | 16 | GR08/06L |
| 1C-12-16 | 1C-12-16RN | M12X1.5 | M16X1.5 | 6 | 10 | 41 | 12 | 17 | 15 | 19 | 21 | GR10/06L |
| 1C-12-18 | 1C-12-18RN | M12X1.5 | M18X1.5 | 6 | 12 | 42 | 13 | 19 | 15 | 22 | 26 | GR12/06L |
| 1C-14-16 | 1C-14-16RN | M14X1.5 | M16X1.5 | 8 | 10 | 41 | 13 | 17 | 17 | 19 | 21 | GR10/08L |
| 1C-14-18 | 1C-14-18RN | M14X1.5 | M18X1.5 | 8 | 12 | 42 | 13 | 19 | 17 | 22 | 26 | GR12/08L |
| 1C-16-18 | 1C-16-18RN | M16X1.5 | M18X1.5 | 10 | 12 | 43 | 14 | 19 | 19 | 22 | 29 | GR12/10L |
| 1C-16-22 | 1C-16-22RN | M16X1.5 | M22X1.5 | 10 | 15 | 44.5 | 15 | 24 | 19 | 27 | 46 | GR15/10L |
| 1C-16-26 | 1C-16-26RN | M16X1.5 | M26X1.5 | 10 | 18 | 46 | 15.5 | 27 | 19 | 32 | 65 | GR18/10L |
| 1C-18-22 | 1C-18-22RN | M18X1.5 | M22X1.5 | 12 | 15 | 44.5 | 15 | 24 | 22 | 27 | 45 | GR15/12L |
| 1C-18-26 | 1C-18-26RN | M18X1.5 | M26X1.5 | 12 | 18 | 46 | 15.5 | 27 | 22 | 32 | 64 | GR18/12L |
| 1C-18-30 | 1C-18-30RN | M18X1.5 | M30X2 | 12 | 22 | 48 | 17.5 | 32 | 22 | 36 | 80 | GR22/12L |
| 1C-22-26 | 1C-22-26RN | M22X1.5 | M26X1.5 | 15 | 18 | 47.5 | 16.5 | 27 | 27 | 32 | 65 | GR18/15L |
| 1C-22-30 | 1C-22-30RN | M22X1.5 | M30X2 | 15 | 22 | 49.5 | 18.5 | 32 | 27 | 36 | 89 | GR22/15L |
| 1C-26-30 | 1C-26-30RN | M26X1.5 | M30X2 | 18 | 22 | 50 | 18 | 32 | 32 | 36 | 89 | GR22/18L |
| 1C-26-36 | 1C-26-36RN | M26X1.5 | M36X2 | 18 | 28 | 51.5 | 19 | 41 | 32 | 41 | 142 | GR28/18L |
| 1C-30-36 | 1C-30-36RN | M30X2 | M36X2 | 22 | 28 | 53.5 | 21 | 41 | 36 | 41 | 139 | GR28/22L |
| 1C-30-45 | 1C-30-45RN | M30X2 | M45X2 | 22 | 35 | 58.5 | 21 | 46 | 36 | 50 | 202 | GR35/22L |
| 1C-36-45 | 1C-36-45RN | M36X2 | M45X2 | 28 | 35 | 59 | 21 | 46 | 41 | 50 | 206 | GR35/28L |

# DIN HYDRAULIC FITTINGS

## DIN 2353/ISO 8434-1 UNION

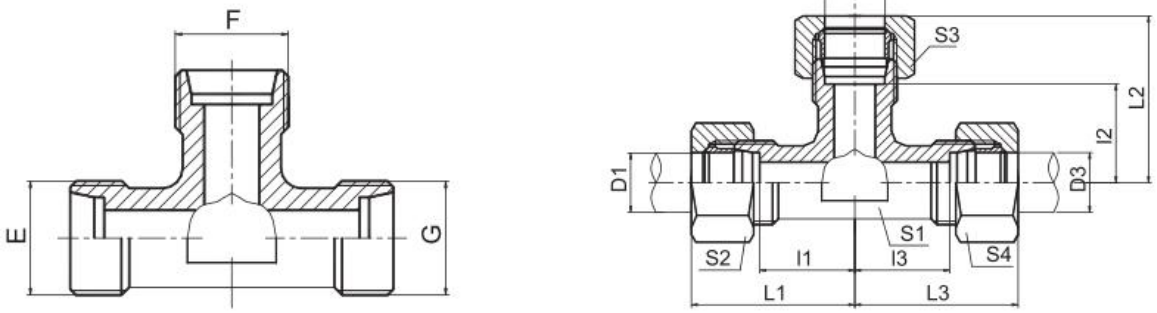
| S SERIES | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1D-14-16 | 1D-14-16RN | M14X1.5 | M16X1.5 | 6 | 8 | 47 | 18 | 17 | 17 | 19 | 35 | GR08/06S |
| 1D-14-18 | 1D-14-18RN | M14X1.5 | M18X1.5 | 6 | 10 | 48 | 17.5 | 19 | 17 | 22 | 41 | GR10/06S |
| 1D-14-20 | 1D-14-20RN | M14X1.5 | M20X1.5 | 6 | 12 | 50 | 19.5 | 22 | 17 | 24 | 56 | GR12/06S |
| 1D-16-18 | 1D-16-18RN | M16X1.5 | M18X1.5 | 8 | 10 | 48 | 17.5 | 19 | 19 | 22 | 42 | GR10/08S |
| 1D-16-20 | 1D-16-20RN | M16X1.5 | M20X1.5 | 8 | 12 | 50 | 19.5 | 22 | 19 | 24 | 57 | GR12/08S |
| 1D-18-20 | 1D-18-20RN | M18X1.5 | M20X1.5 | 10 | 12 | 51 | 19 | 22 | 22 | 24 | 59 | GR12/10S |
| 1D-18-22 | 1D-18-22RN | M18X1.5 | M22X1.5 | 10 | 14 | 54 | 20.5 | 24 | 22 | 27 | 70 | GR14/10S |
| 1D-18-30 | 1D-18-30RN | M18X1.5 | M30X2 | 10 | 20 | 59.5 | 22 | 32 | 22 | 36 | 129 | GR20/10S |
| 1D-20-22 | 1D-20-22RN | M20X1.5 | M22X1.5 | 12 | 14 | 54 | 20.5 | 24 | 24 | 27 | 72 | GR14/12S |
| 1D-20-24 | 1D-20-24RN | M20X1.5 | M24X1.5 | 12 | 16 | 54 | 20 | 27 | 24 | 30 | 87 | GR16/12S |
| 1D-20-30 | 1D-20-30RN | M20X1.5 | M30X2 | 12 | 20 | 59.5 | 22 | 32 | 24 | 36 | 131 | GR20/12S |
| 1D-22-24 | 1D-22-24RN | M22X1.5 | M24X1.5 | 14 | 16 | 57 | 21.5 | 27 | 27 | 30 | 79 | GR16/14S |
| 1D-24-30 | 1D-24-30RN | M24X1.5 | M30X2 | 16 | 20 | 62.5 | 23 | 32 | 30 | 36 | 134 | GR20/16S |
| 1D-24-36 | 1D-24-36RN | M24X1.5 | M36X2 | 16 | 25 | 67.5 | 25.5 | 41 | 30 | 46 | 236 | GR25/16S |
| 1D-30-36 | 1D-30-36RN | M30X2 | M36X2 | 20 | 25 | 71 | 25.5 | 41 | 36 | 46 | 235 | GR25/20S |
| 1D-30-42 | 1D-30-42RN | M30X2 | M42X2 | 20 | 30 | 74 | 26 | 46 | 36 | 50 | 299 | GR30/20S |
| 1D-36-42 | 1D-36-42RN | M36X2 | M42X2 | 25 | 30 | 77 | 26.5 | 46 | 46 | 50 | 317 | GR30/25S |
| 1D-42-52 | 1D-42-52RN | M42X2 | M52X2 | 30 | 38 | 86.5 | 28.5 | 55 | 50 | 60 | 522 | GR38/30S |
| **BODY** | **ASSEMBLY** | **E** | **F** | **D1** | **D2** | **L1** | **l1** | **S1** | **S2** | **S3** | **g/1pc** | **PARKER PN** |



# DIN HYDRAULIC FITTINGS DIN 2353/ISO 8434-1 UNION

**AC** Dimension sheet of Tee Reducer Union Connector



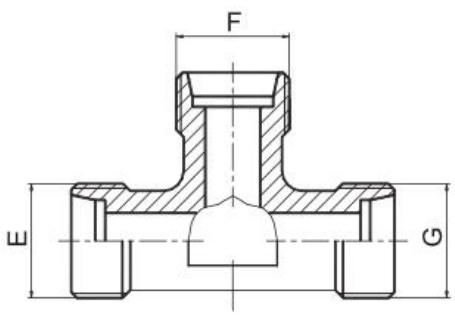

| PART NO. | | THREAD | | | TUBE O.D. | | | DIMENSIONS | | | | | | | | | | Weight | CROSS REFERENCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BODY | ASSEMBLY | E | F | G | D1 | D2 | D3 | l1 | l2 | l3 | L1 | L2 | L3 | S1 | S2 | S3 | S4 | g/1pc | PARKER PN |
| L SERIES | | | | | | | | | | | | | | | | | | | |
| AC-12-14-12 | AC-12-14-12RN | M12X1.5 | M14X1.5 | M12X1.5 | 6 | 8 | 6 | 14 | 14 | 14 | 29 | 29 | 29 | 14 | 14 | 17 | 14 | 54 | TR06/08/06L |
| AC-12-16-12 | AC-12-16-12RN | M12X1.5 | M16X1.5 | M12X1.5 | 6 | 10 | 6 | 15 | 15 | 15 | 30 | 30 | 30 | 14 | 14 | 19 | 14 | 53 | TR06/10/06L |
| AC-14-12-14 | AC-14-12-14RN | M14X1.5 | M12X1.5 | M14X1.5 | 8 | 6 | 8 | 14 | 14 | 14 | 29 | 29 | 29 | 14 | 17 | 14 | 17 | 53 | TR08/06/08L |
| AC-14-14-18 | AC-14-14-18RN | M14X1.5 | M14X1.5 | M18X1.5 | 8 | 8 | 12 | 17 | 17 | 17 | 32 | 32 | 32 | 17 | 17 | 17 | 22 | 49 | TR10/10/06L |
| AC-14-16-14 | AC-14-16-14RN | M14X1.5 | M16X1.5 | M14X1.5 | 8 | 10 | 8 | 15 | 15 | 15 | 30 | 30 | 30 | 14 | 17 | 19 | 17 | 50 | TR08/10/08L |
| AC-14-18-14 | AC-14-18-14RN | M14X1.5 | M18X1.5 | M14X1.5 | 8 | 12 | 8 | 17 | 17 | 17 | 32 | 32 | 32 | 17 | 17 | 22 | 17 | 67 | TR08/12/08L |
| AC-16-12-16 | AC-16-12-16RN | M16X1.5 | M12X1.5 | M16X1.5 | 10 | 6 | 10 | 15 | 15 | 15 | 30 | 30 | 30 | 14 | 19 | 14 | 19 | 46 | TR10/06/10L |
| AC-16-14-16 | AC-16-14-16RN | M16X1.5 | M14X1.5 | M16X1.5 | 10 | 8 | 10 | 15 | 15 | 15 | 30 | 30 | 30 | 14 | 19 | 17 | 19 | 43 | TR10/08/10L |
| AC-16-16-18 | AC-16-16-18RN | M16X1.5 | M16X1.5 | M18X1.5 | 10 | 10 | 12 | 17 | 17 | 17 | 32 | 32 | 32 | 17 | 19 | 19 | 22 | 67 | TR12/10/10L |
| AC-16-16-26 | AC-16-16-26RN | M16X1.5 | M16X1.5 | M26X1.5 | 10 | 10 | 18 | 24 | 24 | 24 | 39 | 39 | 40 | 24 | 19 | 19 | 32 | 173 | TR18/10/10L |
| AC-16-18-18 | AC-16-18-18RN | M16X1.5 | M18X1.5 | M18X1.5 | 10 | 12 | 12 | 17 | 17 | 17 | 32 | 32 | 32 | 17 | 19 | 22 | 22 | 64 | TR12/12/10L |
| AC-16-22-16 | AC-16-22-16RN | M16X1.5 | M22X1.5 | M16X1.5 | 10 | 15 | 10 | 21 | 21 | 21 | 36 | 36 | 36 | 19 | 19 | 27 | 19 | 105 | TR10/15/10L |
| AC-16-26-26 | AC-16-26-26RN | M16X1.5 | M26X1.5 | M26X1.5 | 10 | 18 | 18 | 24 | 24 | 24 | 39 | 40 | 40 | 24 | 19 | 32 | 32 | 171 | TR18/18/10L |
| AC-18-12-18 | AC-18-12-18RN | M18X1.5 | M12X1.5 | M18X1.5 | 12 | 6 | 12 | 17 | 17 | 17 | 32 | 32 | 32 | 17 | 22 | 14 | 22 | 66 | TR12/06/12L |
| AC-18-14-18 | AC-18-14-18RN | M18X1.5 | M14X1.5 | M18X1.5 | 12 | 8 | 12 | 17 | 17 | 17 | 32 | 32 | 32 | 17 | 22 | 17 | 22 | 68 | TR12/08/12L |
| AC-18-16-18 | AC-18-16-18RN | M18X1.5 | M16X1.5 | M18X1.5 | 12 | 10 | 12 | 17 | 17 | 17 | 32 | 32 | 32 | 17 | 22 | 19 | 22 | 67 | TR12/10/12L |
| AC-18-18-22 | AC-18-18-22RN | M18X1.5 | M18X1.5 | M22X1.5 | 12 | 12 | 15 | 21 | 21 | 21 | 36 | 36 | 36 | 19 | 22 | 22 | 27 | 101 | TR15/12/12L |

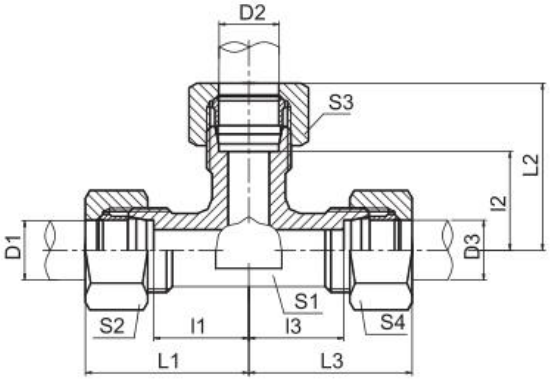
# DIN HYDRAULIC FITTINGS

## DIN 2353/ISO 8434-1 UNION

| AC-18-22-18 | AC-18-22-18RN | M18X1.5 | M22X1.5 | M18X1.5 | 12 | 15 | 12 | 21 | 21 | 21 | 36 | 36 | 36 | 19 | 22 | 27 | 22 | 102 | TR12/15/12L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AC-18-22-22 | AC-18-22-22RN | M18X1.5 | M22X1.5 | M22X1.5 | 12 | 15 | 15 | 21 | 21 | 21 | 36 | 36 | 36 | 19 | 22 | 27 | 27 | 103 | TR15/15/12L |
| AC-22-12-22 | AC-22-12-22RN | M22X1.5 | M12X1.5 | M22X1.5 | 15 | 6 | 15 | 21 | 21 | 21 | 36 | 36 | 36 | 19 | 27 | 14 | 27 | 107 | TR15/06/15L |
| AC-22-16-22 | AC-22-16-22RN | M22X1.5 | M16X1.5 | M22X1.5 | 15 | 10 | 15 | 21 | 21 | 21 | 36 | 36 | 36 | 19 | 27 | 19 | 27 | 105 | TR15/10/15L |
| AC-22-18-22 | AC-22-18-22RN | M22X1.5 | M18X1.5 | M22X1.5 | 15 | 12 | 15 | 21 | 21 | 21 | 36 | 36 | 36 | 19 | 27 | 22 | 27 | 105 | TR15/12/15L |
| AC-22-22-30 | AC-22-22-30RN | M22X1.5 | M22X1.5 | M30X2 | 15 | 15 | 22 | 28 | 28 | 28 | 43 | 43 | 44 | 27 | 27 | 27 | 36 | 240 | TR22/15/15L |
| AC-26-16-26 | AC-26-16-26RN | M26X1.5 | M16X1.5 | M26X1.5 | 18 | 10 | 18 | 23.5 | 24 | 23.5 | 40 | 39 | 40 | 24 | 32 | 19 | 32 | 182 | TR18/10/18L |
| AC-26-18-26 | AC-26-18-26RN | M26X1.5 | M18X1.5 | M26X1.5 | 18 | 12 | 18 | 23.5 | 24 | 23.5 | 40 | 39 | 40 | 24 | 32 | 22 | 32 | 174 | TR18/12/18L |
| AC-26-22-26 | AC-26-22-26RN | M26X1.5 | M22X1.5 | M26X1.5 | 18 | 15 | 18 | 24 | 24 | 24 | 40 | 39 | 40 | 24 | 32 | 27 | 32 | 179 | TR18/15/18L |
| AC-26-26-30 | AC-26-26-30RN | M26X1.5 | M26X1.5 | M30X2 | 18 | 18 | 22 | 27.5 | 27.5 | 27.5 | 44 | 44 | 44 | 27 | 32 | 32 | 36 | 236 | TR22/18/18L |
| AC-26-30-30 | AC-26-30-30RN | M26X1.5 | M30X2 | M30X2 | 18 | 22 | 22 | 27.5 | 27.5 | 27.5 | 44 | 44 | 44 | 27 | 32 | 36 | 36 | 228 | TR22/22/18L |
| AC-30-16-30 | AC-30-16-30RN | M30X2 | M16X1.5 | M30X2 | 22 | 10 | 22 | 27.5 | 28 | 27.5 | 44 | 43 | 44 | 27 | 36 | 19 | 36 | 232 | TR22/10/22L |
| AC-30-18-30 | AC-30-18-30RN | M30X2 | M18X1.5 | M30X2 | 22 | 12 | 22 | 27.5 | 28 | 27.5 | 44 | 43 | 44 | 27 | 36 | 22 | 36 | 229 | TR22/12/22L |
| AC-30-22-30 | AC-30-22-30RN | M30X2 | M22X1.5 | M30X2 | 22 | 15 | 22 | 27.5 | 28 | 27.5 | 44 | 43 | 44 | 27 | 36 | 27 | 36 | 233 | TR22/15/22L |
| AC-30-26-30 | AC-30-26-30RN | M30X2 | M26X1.5 | M30X2 | 22 | 18 | 22 | 27.5 | 27.5 | 27.5 | 44 | 44 | 44 | 27 | 36 | 32 | 36 | 239 | TR22/18/22L |
| AC-30-30-36 | AC-30-30-36RN | M30X2 | M30X2 | M36X2 | 22 | 22 | 28 | 30.5 | 30.5 | 30.5 | 47 | 47 | 47 | 36 | 36 | 36 | 41 | 412 | TR28/22/22L |
| AC-36-16-36 | AC-36-16-36RN | M36X2 | M16X1.5 | M36X2 | 28 | 10 | 28 | 30.5 | 31 | 30.5 | 47 | 46 | 47 | 36 | 41 | 19 | 41 | 412 | TR28/10/28L |
| AC-36-18-36 | AC-36-18-36RN | M36X2 | M18X1.5 | M36X2 | 28 | 12 | 28 | 30.5 | 31 | 30.5 | 47 | 46 | 47 | 36 | 41 | 22 | 41 | 408 | TR28/12/28L |
| AC-36-22-36 | AC-36-22-36RN | M36X2 | M22X1.5 | M36X2 | 28 | 15 | 28 | 30.5 | 31 | 30.5 | 47 | 46 | 47 | 36 | 41 | 27 | 41 | 423 | TR28/15/28L |
| AC-36-26-36 | AC-36-26-36RN | M36X2 | M26X1.5 | M36X2 | 28 | 18 | 28 | 30.5 | 30.5 | 30.5 | 47 | 47 | 47 | 36 | 41 | 32 | 41 | 421 | TR28/18/28L |
| AC-36-30-36 | AC-36-30-36RN | M36X2 | M30X2 | M36X2 | 28 | 22 | 28 | 30.5 | 30.5 | 30.5 | 47 | 47 | 47 | 36 | 41 | 36 | 41 | 415 | TR28/22/28L |
| **BODY** | **ASSEMBLY** | **E** | **F** | **G** | **D1** | **D2** | **D3** | **l1** | **l2** | **l3** | **L1** | **L2** | **L3** | **S1** | **S2** | **S3** | **S4** | **g/1pc** | **PARKER PN** |

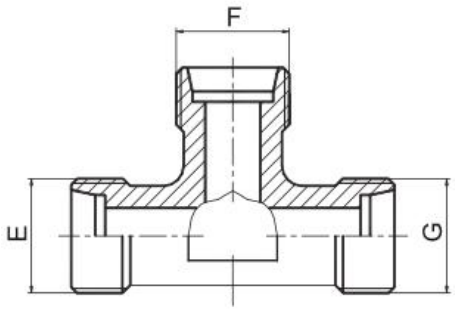
REF: ISO 8434-1/ DIN 3861/DIN 2353; Interchangeable into Parker TR series

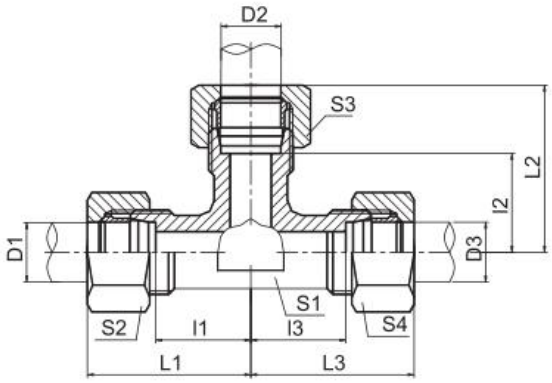



FITSCH
WWW.FITSCH.CN

**AD** Dimension sheet of Tee Reducer Union Connector




REF: ISO 8434-1/ DIN 3861/DIN 2353; Interchangeable into Parker TR series

| PART NO. | | THREAD | | | TUBE O.D. | | | DIMENSIONS | | | | | | | | | | Weight | CROSS REFERENCE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BODY | ASSEMBLY | E | F | G | D1 | D2 | D3 | l1 | l2 | l3 | L1 | L2 | L3 | S1 | S2 | S3 | S4 | g/1pc | PARKER PN |
| S SERIES | | | | | | | | | | | | | | | | | | | |
| AD-16-16-20 | AD-16-16-20RN | M16X1.5 | M16X1.5 | M20X1.5 | 8 | 8 | 12 | 22 | 22 | 22 | 37 | 37 | 38 | 17 | 19 | 19 | 24 | 107 | TR12/08/08S |
| AD-18-14-18 | AD-18-14-18RN | M18X1.5 | M14X1.5 | M18X1.5 | 10 | 6 | 10 | 17.5 | 18 | 17.5 | 34 | 33 | 34 | 17 | 22 | 17 | 22 | 103 | TR10/06/10S |
| AD-20-16-20 | AD-20-16-20RN | M20X1.5 | M16X1.5 | M20X1.5 | 12 | 8 | 12 | 21.5 | 22 | 21.5 | 38 | 37 | 38 | 17 | 24 | 19 | 24 | 105 | TR12/08/12S |
| AD-20-18-20 | AD-20-18-20RN | M20X1.5 | M18X1.5 | M20X1.5 | 12 | 10 | 12 | 21.5 | 21.5 | 21.5 | 38 | 38 | 38 | 17 | 24 | 22 | 24 | 114 | TR12/10/12S |
| AD-20-24-20 | AD-20-24-20RN | M20X1.5 | M24X1.5 | M20X1.5 | 12 | 16 | 12 | 25.5 | 24.5 | 25.5 | 42 | 43 | 42 | 24 | 24 | 30 | 24 | 190 | TR12/16/12S |
| AD-24-14-24 | AD-24-14-24RN | M24X1.5 | M14X1.5 | M24X1.5 | 16 | 6 | 16 | 24.5 | 26 | 24.5 | 43 | 41 | 43 | 24 | 30 | 17 | 30 | 176 | TR16/06/16S |
| AD-24-16-24 | AD-24-16-24RN | M24X1.5 | M16X1.5 | M24X1.5 | 16 | 8 | 16 | 24.5 | 26 | 24.5 | 43 | 41 | 43 | 24 | 30 | 19 | 30 | 208 | TR16/08/16S |
| AD-24-18-24 | AD-24-18-24RN | M24X1.5 | M18X1.5 | M24X1.5 | 16 | 10 | 16 | 24.5 | 25.5 | 24.5 | 43 | 42 | 43 | 24 | 30 | 22 | 30 | 210 | TR16/10/16S |
| AD-24-20-24 | AD-24-20-24RN | M24X1.5 | M20X1.5 | M24X1.5 | 16 | 12 | 16 | 24.5 | 25.5 | 24.5 | 43 | 42 | 43 | 24 | 30 | 24 | 30 | 386 | TR16/12/16S |
| AD-24-30-24 | AD-24-30-24RN | M24X1.5 | M30X2 | M24X1.5 | 16 | 20 | 16 | 28.5 | 26.5 | 28.5 | 47 | 48 | 47 | 27 | 30 | 36 | 30 | 296 | TR16/20/16S |
| AD-30-18-30 | AD-30-18-30RN | M30X2 | M18X1.5 | M30X2 | 20 | 10 | 20 | 26.5 | 29.5 | 26.5 | 48 | 46 | 48 | 27 | 36 | 22 | 36 | 553 | TR20/10/20S |
| AD-30-20-30 | AD-30-20-30RN | M30X2 | M20X1.5 | M30X2 | 20 | 12 | 20 | 26.5 | 29.5 | 26.5 | 48 | 46 | 48 | 27 | 36 | 24 | 36 | 306 | TR20/12/20S |
| AD-30-24-30 | AD-30-24-30RN | M30X2 | M24X1.5 | M30X2 | 20 | 16 | 20 | 26.5 | 28.5 | 26.5 | 48 | 47 | 48 | 27 | 36 | 30 | 36 | 285 | TR20/16/20S |
| AD-30-36-30 | AD-30-36-30RN | M30X2 | M36X2 | M30X2 | 20 | 25 | 20 | 31.5 | 30 | 31.5 | 53 | 54 | 53 | 36 | 36 | 46 | 36 | 544 | TR20/25/20S |
| AD-36-24-36 | AD-36-24-36RN | M36X2 | M24X1.5 | M36X2 | 25 | 16 | 25 | 30 | 33.5 | 30 | 54 | 52 | 54 | 36 | 46 | 30 | 46 | 556 | TR25/16/25S |
| AD-36-30-36 | AD-36-30-36RN | M36X2 | M30X2 | M36X2 | 25 | 20 | 25 | 30 | 31.5 | 30 | 54 | 53 | 54 | 36 | 46 | 36 | 46 | 544 | TR25/20/25S |
| AD-36-42-36 | AD-36-42-36RN | M36X2 | M42X2 | M36X2 | 25 | 30 | 25 | 37 | 35.5 | 37 | 61 | 62 | 61 | 41 | 46 | 50 | 46 | 791 | TR25/30/25S |