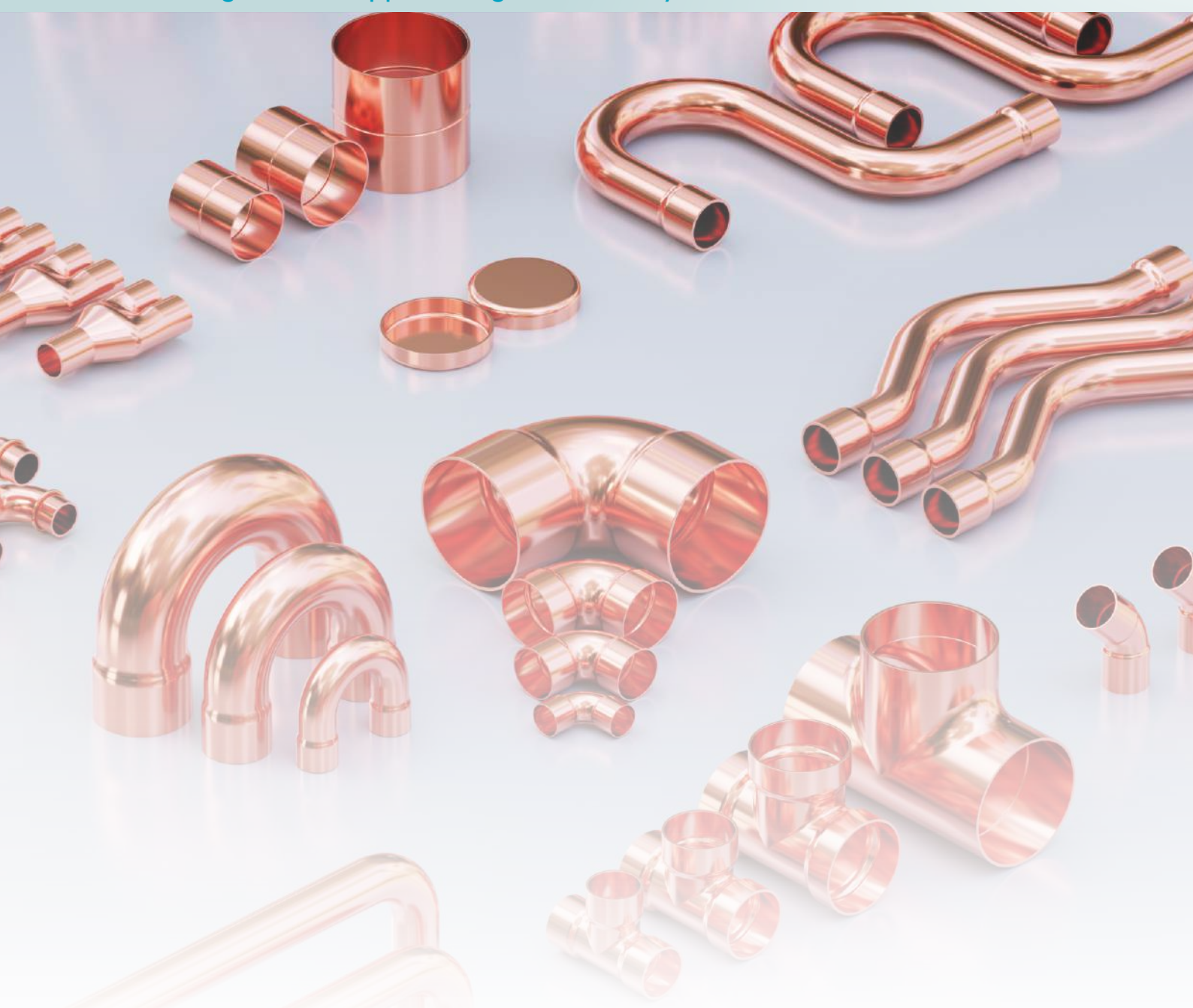




Copper Fittings & Tube Catalogue

Precision Engineered Copper Fittings – Trusted by Professionals, Built for Performance.



About Krystal

At Krystal, we are committed to engineering excellence in the field of copper fittings for HVAC, refrigeration, and medical gas applications. Our products are manufactured using high-grade phosphorus-deoxidized copper (Cu-DHP / UNS C12200), renowned for its superior thermal conductivity, corrosion resistance, and ease of brazing – properties that make it ideal for pressurized and high-temperature environments.

Each Krystal fitting is produced to strict dimensional tolerances and conforms to leading international standards such as ASTM B280, EN 1254-1, ASME B16.22, and ISO 9001:2015 certified processes. We offer a comprehensive range of fittings – including elbows, tees, reducers, couplings, caps, and stub outs – available in sizes from ¼" to 6" (6 mm to 159 mm), both in imperial and metric systems.

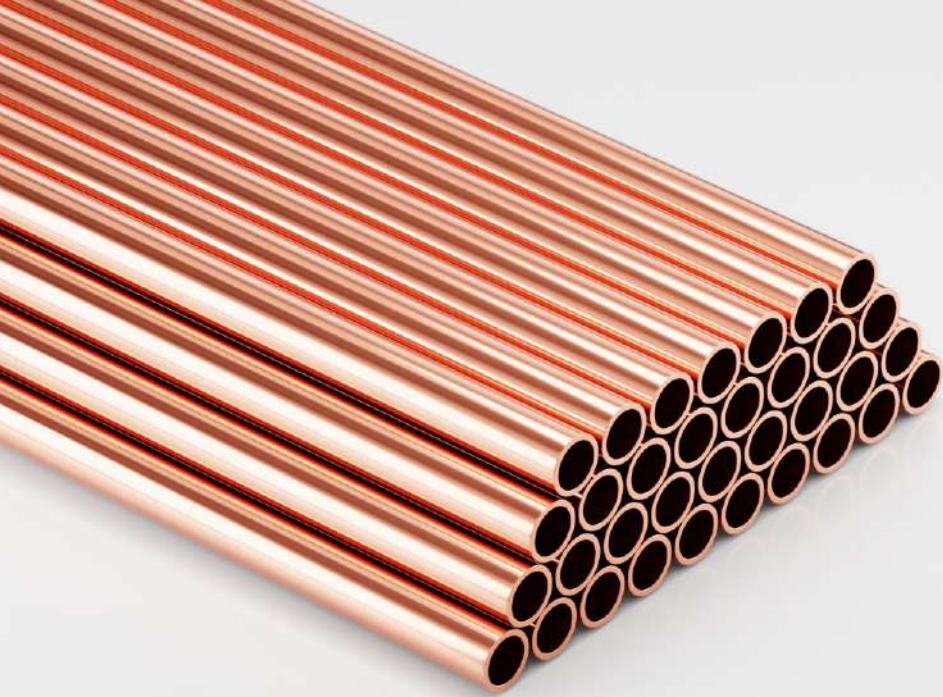
Our fittings undergo rigorous eddy current and hydrostatic testing to ensure leak-proof performance and high tensile strength. Each piece is carefully deburred, cleaned, and sealed to maintain internal cleanliness – a critical factor for medical gas pipelines, where oxygen compatibility and contamination control are vital.

Krystal copper fittings are widely used in:

- HVAC & Refrigeration Systems (R22, R134a, R410A, R32)
- Chilled Water and VRF Piping Networks
- Medical Gas Systems in hospitals and laboratories
- Residential and Commercial Plumbing Infrastructure

Backed by a strong distribution network across the GCC and Africa, Krystal ensures prompt availability, technical support, and customer satisfaction. Our mission is not just to supply fittings – it's to supply confidence, compliance, and continuity in every connection.

At Krystal, we don't just meet standards – we set them.



Straight Copper Tubes

Type - Copper HVAC, Soldered

Dimensional Data

Material: ASTM B280 Hard-Drawn Copper Tubes (Straight Length)

Applications: Engineered for high-performance HVAC systems in commercial and industrial buildings.

Quality: Complies with international standards; precision-manufactured under rigorous quality controls

Refrigerant Compatibility: Fully compatible with all standard refrigerants.

Temper: Hard-Drawn

OD (IN)	Thickness (MM)	Length (M)
3/8"	0.61	5.8
1/2"	0.61	5.8
5/8"	0.71	5.8
3/4"	0.71	5.8
7/8"	0.81	5.8
1-1/8"	0.91	5.8
1-3/8"	1.02	5.8
1-5/8"	1.22	5.8
2-1/8"	1.5	5.8
2-5/8"	1.65	5.8
3-1/8"	1.83	5.8
4-1/8"	2.41	5.8



Copper Coils

Type - Copper HVAC, Soldered

Dimensional Data

Material: ASTM B280 Hard-Drawn Copper Tubes (Straight Length)

Applications: Engineered for high-performance HVAC systems in commercial and industrial buildings.

Quality: Complies with international standards; precision-manufactured under rigorous quality controls

Refrigerant Compatibility: Fully compatible with all standard refrigerants.

OD (IN)	Thickness (MM)	Length (M)
1/4"	0.41	15
1/4"	0.51	15
1/4"	0.61	15
5/16"	0.41	15
3/8"	0.41	15
3/8"	0.46	15
3/8"	0.51	15
3/8"	0.56	15
1/2"	0.51	15
1/2"	0.56	15
1/2"	0.61	15
5/8"	0.51	15
5/8"	0.56	15
5/8"	0.61	15
5/8"	0.66	15
3/4"	0.71	15
7/8"	0.71	15



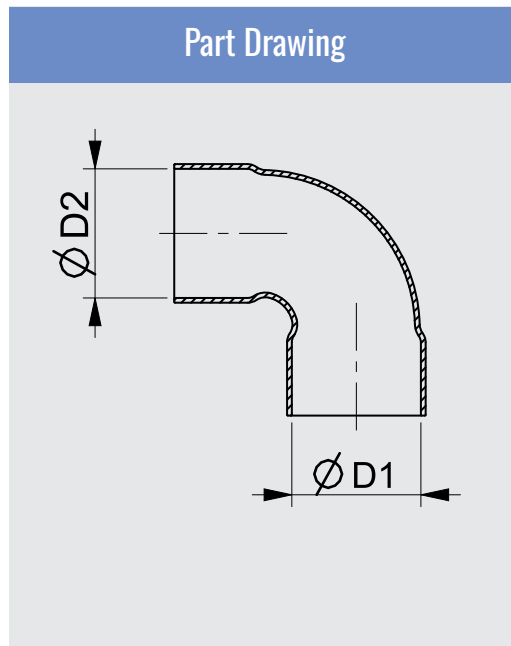
Copper Elbow 90°

Type - Copper HVAC, Soldered

Dimensional Data

Part No.	Size (In)	D1	D2
KCF0301	5/16	5/16	5/16
KCF0302	1/4	1/4	1/4
KCF0303	3/8	3/8	3/8
KCF0304	1/2	1/2	1/2
KCF0305	5/8	5/8	5/8
KCF0306	3/4	3/4	3/4
KCF0307	7/8	7/8	7/8
KCF0308	1	1	1
KCF0309	1 1/8	1 1/8	1 1/8
KCF0310	1 1/4	1 1/4	1 1/4
KCF0311	1 3/8	1 3/8	1 3/8
KCF0312	1 1/2	1 1/2	1 1/2
KCF0313	1 5/8	1 5/8	1 5/8
KCF0314	1 3/4	1 3/4	1 3/4
KCF0315	2 1/8	2 1/8	2 1/8
KCF0316	2 5/8	2 5/8	2 5/8
KCF0317	3 1/8	3 1/8	3 1/8
KCF0318	3 5/8	3 5/8	3 5/8
KCF0319	4 1/8	4 1/8	4 1/8
KCF0320	5 1/8	5 1/8	5 1/8
KCF0321	76 mm (EN 1254-1)	76	76
KCF0322	89 mm (EN 1254-1)	89	89
KCF0323	108 mm (EN 1254-1)	108	108
KCF0324	133 mm (EN 1254-1)	133	133

Also available in sizes from 10mm to 67mm



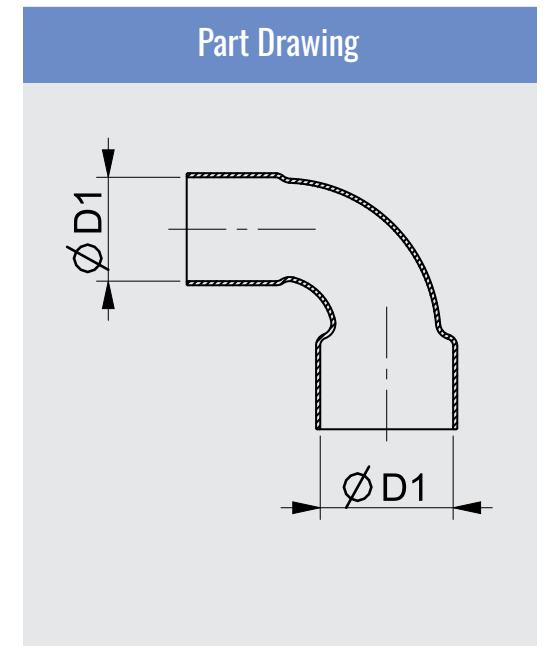
Copper Elbow 90° (D x D)

Type - Copper HVAC, Soldered

Dimensional Data

Part No.	Size (In)	D1	D2
KCF0401	1/2 x 3/8	1/2	3/8
KCF0402	5/8 x 1/2	5/8	1/2
KCF0403	5/8 x 3/8	5/8	3/8
KCF0404	7/8 x 5/8	7/8	5/8
KCF0405	1 1/8 x 5/8	1 1/8	5/8
KCF0406	1 1/8 x 7/8	1 1/8	7/8
KCF0407	1 3/8 x 1 1/8	1 3/8	1 1/8
KCF0408	1 3/8 x 7/8	1 3/8	7/8
KCF0409	1 5/8 x 1 3/8	1 5/8	1 3/8
KCF0410	2 1/8 x 1 5/8	2 1/8	1 5/8

Also available in sizes from 10mm to 133mm



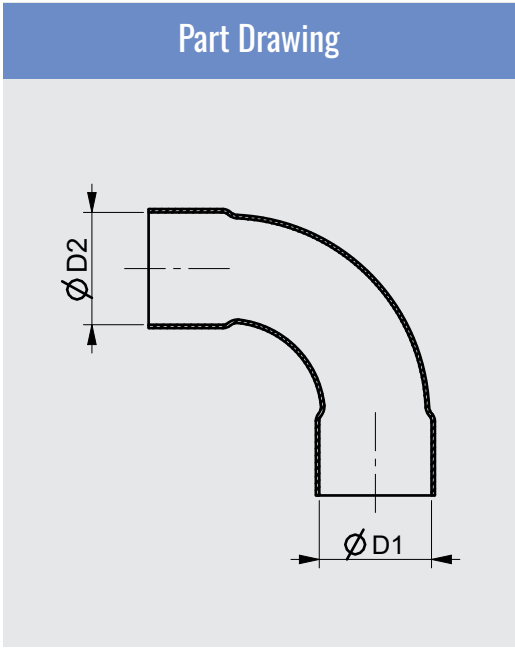


Copper Elbow 90° (D x D)

Type - Copper HVAC, Soldered

Dimensional Data

Part No.	Size (In)	D1	D2
KCF1701	5/16	5/16	5/16
KCF1702	1/4	1/4	1/4
KCF1703	3/8	3/8	3/8
KCF1704	1/2	1/2	1/2
KCF1705	5/8	5/8	5/8
KCF1706	3/4	3/4	3/4
KCF1707	7/8	7/8	7/8
KCF1708	1	1	1
KCF1709	1 1/8	1 1/8	1 1/8
KCF1710	1 3/8	1 3/8	1 3/8
KCF1711	1 5/8	1 5/8	1 5/8
KCF1712	2 1/8	2 1/8	2 1/8
KCF1713	2 5/8	2 5/8	2 5/8
KCF1714	3 1/8	3 1/8	3 1/8
KCF1715	3 5/8	3 5/8	3 5/8
KCF1716	4 1/8	4 1/8	4 1/8
KCF1717	5 1/8	5 1/8	5 1/8
KCF1718	76 mm (EN 1254-1)	76	76
KCF1719	89 mm (EN 1254-1)	89	89
KCF1720	108 mm (EN 1254 -1)	108	108
KCF1721	133 mm (EN 1254-1)	133	133
Also available in sizes from 10mm to 67mm			

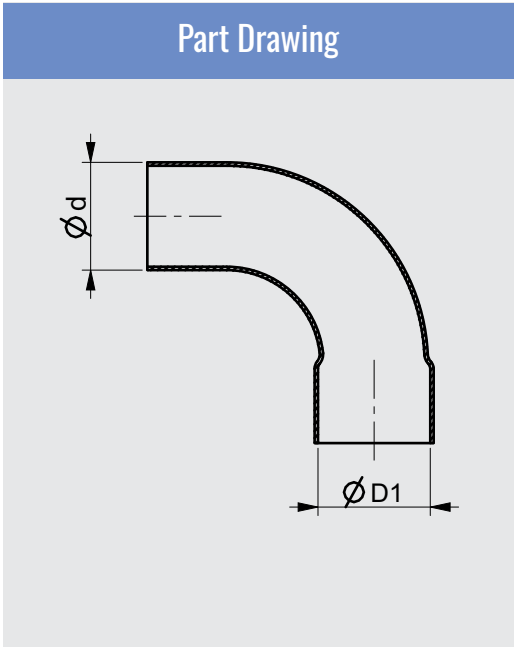


Copper Elbow 90° (d x D)

Type - Copper HVAC, Soldered

Dimensional Data

Part No.	Size (In)	d	D1
KCF1801	5/16	5/16	5/16
KCF1802	1/4	1/4	1/4
KCF1803	3/8	3/8	3/8
KCF1804	1/2	1/2	1/2
KCF1805	5/8	5/8	5/8
KCF1806	3/4	3/4	3/4
KCF1807	7/8	7/8	7/8
KCF1808	1	1	1
KCF1809	1 1/8	1 1/8	1 1/8
KCF1810	1 3/8	1 3/8	1 3/8
KCF1811	1 5/8	1 5/8	1 5/8
KCF1812	2 1/8	2 1/8	2 1/8
KCF1813	2 5/8	2 5/8	2 5/8
KCF1814	3 1/8	3 1/8	3 1/8
KCF1815	3 5/8	3 5/8	3 5/8
KCF1816	4 1/8	4 1/8	4 1/8
KCF1817	5 1/8	5 1/8	5 1/8
KCF1818	76 mm (EN 1254-1)	76	76
KCF1819	89 mm (EN 1254-1)	89	89
KCF1820	108 mm (EN 1254 -1)	108	108
KCF1821	133 mm (EN 1254-1)	133	133
Also available in sizes from 10mm to 67mm			





Copper Elbow 45° (D x D)

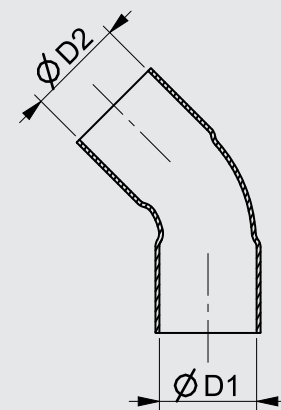
Type - Copper HVAC, Soldered

Dimensional Data

Part No.	Size (In)	D1	D2
KCF0101	5/16	5/16	5/16
KCF0102	1/4	1/4	1/4
KCF0103	3/8	3/8	3/8
KCF0104	1/2	1/2	1/2
KCF0105	5/8	5/8	5/8
KCF0106	3/4	3/4	3/4
KCF0107	7/8	7/8	7/8
KCF0108	1	1	1
KCF0109	1 1/8	1 1/8	1 1/8
KCF0110	1 3/8	1 3/8	1 3/8
KCF0111	1 5/8	1 5/8	1 5/8
KCF0112	2 1/8	2 1/8	2 1/8
KCF0113	2 5/8	2 5/8	2 5/8
KCF0114	3 1/8	3 1/8	3 1/8
KCF0115	3 5/8	3 5/8	3 5/8
KCF0116	4 1/8	4 1/8	4 1/8
KCF0117	5 1/8	5 1/8	5 1/8
KCF0118	76 mm (EN 1254-1)	76	76
KCF0119	89 mm (EN 1254-1)	89	89
KCF0120	108 mm (EN 1254 -1)	108	108
KCF0121	133 mm (EN 1254-1)	133	133

Also available in sizes from 10mm to 67mm

Part Drawing



Copper 45° Street Elbow (d x D)

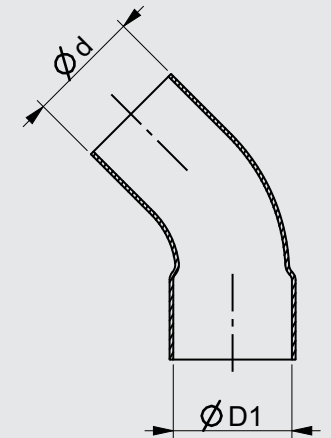
Type - Copper HVAC, Soldered

Dimensional Data

Part No.	Size (In)	d	D1
KCF0201	5/16	5/16	5/16
KCF0202	1/4	1/4	1/4
KCF0203	3/8	3/8	3/8
KCF0204	1/2	1/2	1/2
KCF0205	5/8	5/8	5/8
KCF0206	3/4	3/4	3/4
KCF0207	7/8	7/8	7/8
KCF0208	1	1	1
KCF0209	1 1/8	1 1/8	1 1/8
KCF0210	1 3/8	1 3/8	1 3/8
KCF0211	1 5/8	1 5/8	1 5/8
KCF0212	2 1/8	2 1/8	2 1/8
KCF0213	2 5/8	2 5/8	2 5/8
KCF0214	3 1/8	3 1/8	3 1/8
KCF0215	3 5/8	3 5/8	3 5/8
KCF0216	4 1/8	4 1/8	4 1/8
KCF0217	5 1/8	5 1/8	5 1/8
KCF0218	76 mm (EN 1254-1)	76	76
KCF0219	89 mm (EN 1254-1)	89	89
KCF0220	108 mm (EN 1254 -1)	108	108
KCF0221	133 mm (EN 1254-1)	133	133

Also available in sizes from 10mm to 67mm

Part Drawing





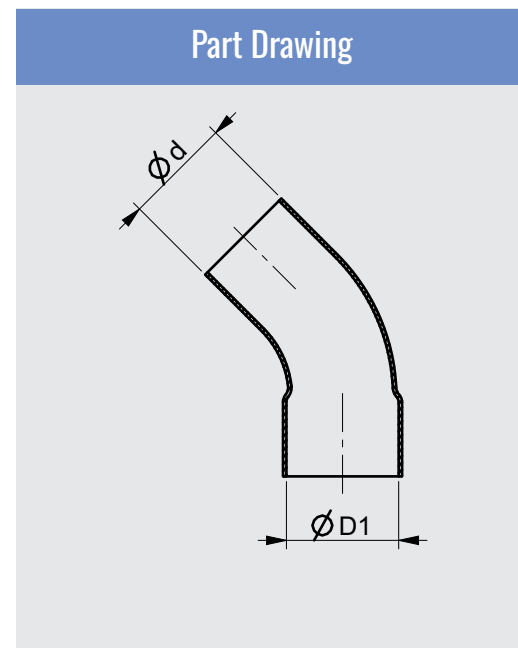
Copper Long Street Elbow 45° (d x D)

Type - Copper HVAC, Soldered

Dimensional Data

Part No.	Size (In)	d	D1
KCF1901	5/16	5/16	5/16
KCF1902	1/4	1/4	1/4
KCF1903	3/8	3/8	3/8
KCF1904	1/2	1/2	1/2
KCF1905	5/8	5/8	5/8
KCF1906	3/4	3/4	3/4
KCF1907	7/8	7/8	7/8
KCF1908	1	1	1
KCF1909	1 1/8	1 1/8	1 1/8
KCF1910	1 3/8	1 3/8	1 3/8
KCF1911	1 5/8	1 5/8	1 5/8
KCF1912	2 1/8	2 1/8	2 1/8
KCF1913	2 5/8	2 5/8	2 5/8
KCF1914	3 1/8	3 1/8	3 1/8
KCF1915	3 5/8	3 5/8	3 5/8
KCF1916	4 1/8	4 1/8	4 1/8
KCF1917	5 1/8	5 1/8	5 1/8
KCF1918	76 mm (EN 1254-1)	76	76
KCF1919	89 mm (EN 1254-1)	89	89
KCF1920	108 mm (EN 1254-1)	108	108
KCF1921	133 mm (EN 1254-1)	133	133

Also available in sizes from 10mm to 67mm

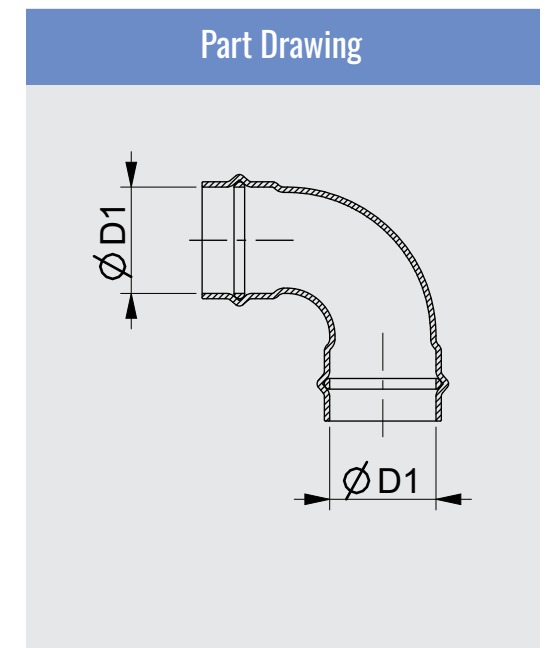


Soldered Elbow

Type - Copper HVAC, Soldered

Dimensional Data

Part No.	D1 (mm)
KCF2101	10
KCF2102	12
KCF2103	15
KCF2104	19
KCF2105	22
KCF2106	25
KCF2107	28
KCF2108	32
KCF2109	35
KCF2110	42
KCF2111	54





Copper Couplings (d x D)- W/Stop Rolled

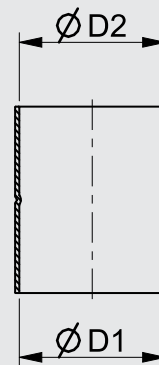
Type - Copper HVAC, Soldered

Dimensional Data

Part No.	Size (In)	D1	D2
KCF1101	5/16	5/16	5/16
KCF1102	1/4	1/4	1/4
KCF1103	3/8	3/8	3/8
KCF1104	1/2	1/2	1/2
KCF1105	5/8	5/8	5/8
KCF1106	3/4	3/4	3/4
KCF1107	7/8	7/8	7/8
KCF1108	1	1	1
KCF1109	1 1/8	1 1/8	1 1/8
KCF1110	1 3/8	1 3/8	1 3/8
KCF1111	1 5/8	1 5/8	1 5/8
KCF1112	2 1/8	2 1/8	2 1/8
KCF1113	2 5/8	2 5/8	2 5/8
KCF1114	3 1/8	3 1/8	3 1/8
KCF1115	3 5/8	3 5/8	3 5/8
KCF1116	4 1/8	4 1/8	4 1/8
KCF1117	5 1/8	5 1/8	5 1/8

Also available in sizes from 10mm to 133mm

Part Drawing



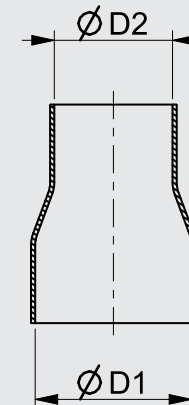
Copper Reducer

Type - Copper HVAC, Soldered

Dimensional Data

Part No.	Size (In)	D1	D2
KCF1301	3/8 x 1/4	3/8	1/4
KCF1302	1/2 x 1/4	1/2	1/4
KCF1303	1/2 X 3/8	1/2	3/8
KCF1304	5/8 X 1/4	5/8	1/4
KCF1305	5/8 X 1/2	5/8	1/2
KCF1306	5/8 x 3/8	5/8	3/8
KCF1307	3/4 X 1/2	3/4	1/2
KCF1308	3/4 X 5/8	3/4	5/8
KCF1309	7/8 X 1/2	7/8	1/2
KCF1310	7/8 X 5/8	7/8	5/8
KCF1311	7/8 X 3/4	7/8	3/4
KCF1312	1 1/8 X 1/2	1 1/8	1/2
KCF1313	1 1/8 X 5/8	1 1/8	5/8
KCF1314	1 1/8 X 3/4	1 1/8	3/4
KCF1315	1 1/8 X 7/8	1 1/8	7/8
KCF1316	1 3/8 X 1/2	1 3/8	1/2
KCF1317	1 3/8 X 5/8	1 3/8	5/8
KCF1318	1 3/8 X 3/4	1 3/8	3/4
KCF1319	1 3/8 X 7/8	1 3/8	7/8
KCF1320	1 3/8 X 1 1/8	1 3/8	1 1/8
KCF1321	1 5/8 x 1 3/8	1 5/8	1 3/8
KCF1322	1 5/8 X 7/8	1 5/8	7/8
KCF1323	1 5/8 X 1 1/8	1 5/8	1 1/8
KCF1324	2 1/8 X 1 1/8	2 1/8	1 1/8
KCF1325	2 5/8 x 1 1/8	2 5/8	1 1/8
KCF1326	2 5/8 x 1 3/8	2 5/8	1 3/8
KCF1327	2 1/8 x 1 3/8	2 1/8	1 3/8
KCF1328	2 1/8 X 1 5/8	2 1/8	1 5/8
KCF1329	2 5/8 X 1 5/8	2 5/8	1 5/8
KCF1330	2 5/8 X 2 1/8	2 5/8	2 1/8
KCF1331	3 1/8 x 1 3/8	3 1/8	1 3/8
KCF1332	3 1/8 X 1 1/8	3 1/8	1 1/8
KCF1333	3 1/8 X 1 5/8	3 1/8	1 5/8
KCF1334	3 1/8 X 2 1/8	3 1/8	2 1/8
KCF1335	3 1/8 X 2 5/8	3 1/8	2 5/8
KCF1336	4 1/8 x 2 1/8	4 1/8	2 1/8
KCF1337	4 1/8 x 2 5/8	4 1/8	2 5/8
KCF1338	3 5/8 X 2 5/8	3 5/8	2 5/8
KCF1339	3 5/8 X 3 1/8	3 5/8	3 1/8
KCF1340	4 1/8 X 3 1/8	4 1/8	3 1/8
KCF1341	4 1/8 X 3 5/8	4 1/8	3 5/8

Part Drawing





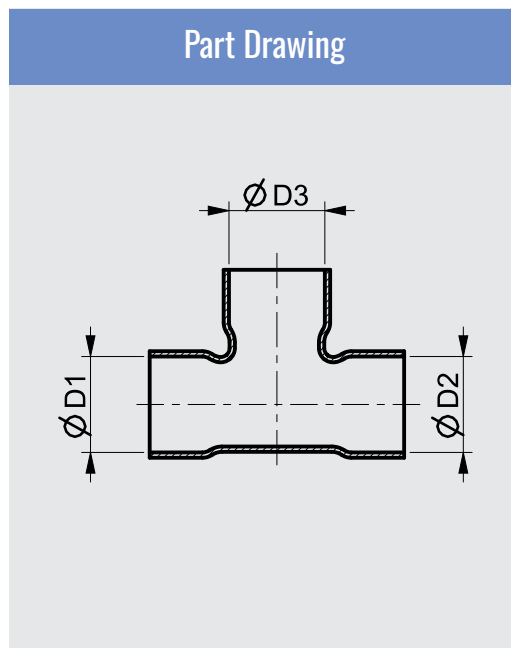
Copper Tee (Equal Ends) D x D x D

Type - Copper HVAC, Soldered

Dimensional Data

Part No.	Size (In)	D1	D2	D3
KCF0601	1/4	1/4	1/4	1/4
KCF0602	3/8	3/8	3/8	3/8
KCF0603	1/2	1/2	1/2	1/2
KCF0604	5/8	5/8	5/8	5/8
KCF0605	3/4	3/4	3/4	3/4
KCF0606	7/8	7/8	7/8	7/8
KCF0607	1 1/8	1 1/8	1 1/8	1 1/8
KCF0608	1 1/4	1 1/4	1 1/4	1 1/4
KCF0609	1 3/8	1 3/8	1 3/8	1 3/8
KCF0610	1 5/8	1 5/8	1 5/8	1 5/8
KCF0611	2	2	2	2
KCF0612	2 1/8	2 1/8	2 1/8	2 1/8
KCF0613	2 5/8	2 5/8	2 5/8	2 5/8
KCF0614	3 1/8	3 1/8	3 1/8	3 1/8
KCF0615	3 5/8	3 5/8	3 5/8	3 5/8
KCF0616	4 1/8	4 1/8	4 1/8	4 1/8

Also available in from sizes 10mm to 133mm



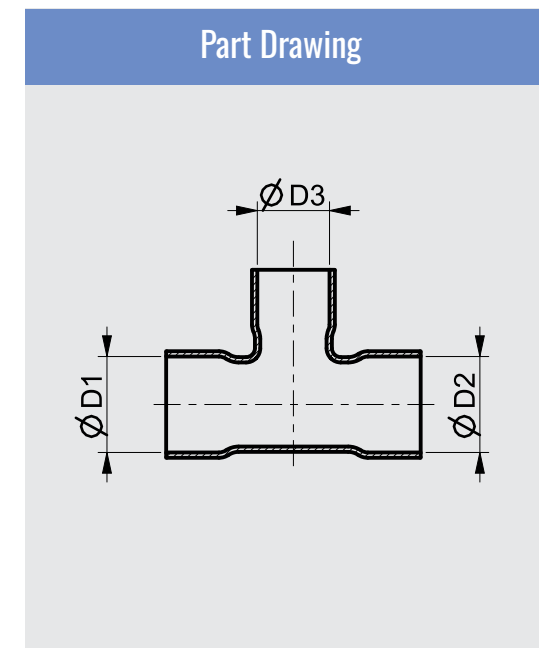
Copper Reducing Tee (Unequal Ends) D x D x D

Type - Copper HVAC, Soldered

Dimensional Data

Part No.	Size (In)	D1	D2	D3
KCF0701	1/2 x 1/2 x 3/8	1/2	1/2	3/8
KCF0702	5/8 x 5/8 x 3/8	5/8	5/8	3/8
KCF0703	3/4 x 3/4 x 1/4	3/4	3/4	1/4
KCF0704	3/4 x 3/4 x 1/2	3/4	3/4	1/2
KCF0705	3/4 x 3/4 x 3/8	3/4	3/4	3/8
KCF0706	3/4 x 3/4 x 5/8	7/8	7/8	5/8
KCF0707	7/8 x 7/8 x 3/8	7/8	7/8	3/8
KCF0708	7/8 x 7/8 x 5/8	7/8	7/8	5/8
KCF0709	1 1/8 x 1 1/8 x 3/8	1 1/8	1 1/8	3/8
KCF0710	1 1/8 x 1 1/8 x 5/8	1 1/8	1 1/8	5/8
KCF0711	1 1/8 x 1 1/8 x 7/8	1 1/8	1 1/8	7/8
KCF0712	1 3/8 x 1 3/8 x 7/8	1 3/8	1 3/8	7/8

Also available in from sizes 10mm to 108mm





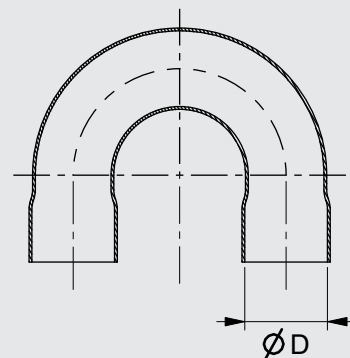
Copper U-Bends

Type - Copper HVAC, Soldered

Dimensional Data

Part No.	D (In)	D (mm)
KCF2001	1/4	6.35
KCF2002	5/16	7.94
KCF2003	3/8	9.52
KCF2004	1/2	12.7
KCF2005	5/8	15.88
KCF2006	3/4	19.05
KCF2007	7/8	22.22
KCF2008	1	25.4
KCF2009	1 1/8	28.58
KCF2010	1 1/4	31.75
KCF2011	1 3/8	34.92
KCF2012	1 1/2	38.1
KCF2013	1 5/8	41.28
KCF2014	2	50.8
KCF2015	2 1/8	53.8
KCF2016	2 1/2	63.5
KCF2017	2 5/8	66.68
KCF2018	3	76
KCF2019	3 1/8	79.38

Part Drawing



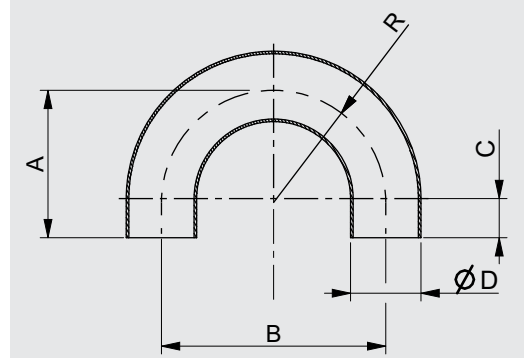
Copper Condenser U-Bends

Type - Copper HVAC, Soldered

Dimensional Data

Part No.	D (In)	B	A	C	R
KCF1801	7	16.48	17.5	9.26	8.24
KCF1802	7	21	16.5	6	10.5
KCF1803	9.52	22.9	19.5	8	11.5
KCF1804	9.52	25.4	20.5	8	12.5
KCF1805	12.7	25.04	19.5	8	15.9
KCF1806	12.7	31.75	19.5	13	19.1
KCF1807	15.88	38.01	24.0	10	11.9
KCF1808	15.88	44.00	28.1	7	19.1

Part Drawing





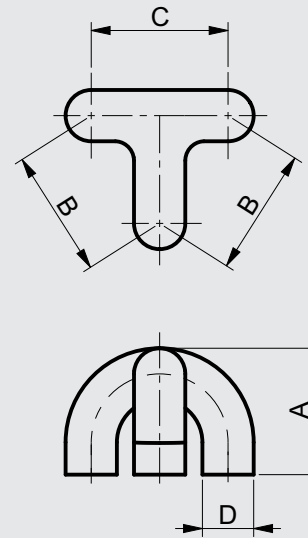
Copper Tripod

Type - Copper HVAC, Soldered

Dimensional Data

Part No.	D	A	B	C
KCF2301	7	21	21	20
KCF2302	7	21	16.48	20
KCF2303	7	21	21	20
KCF2304	7	25	17.7	22
KCF2305	7	25.4	15.88	21
KCF2306	7	25.4	16.48	20.5
KCF2307	9.52	25.4	22.9	24
KCF2308	9.52	25.4	22.9	24
KCF2309	9.52	25.4	25.4	23
KCF2310	9.52	25.4	25.4	24
KCF2311	9.52	20.32	20.32	22.5
KCF2312	9.52	22.9	22.9	23
KCF2313	9.52	25	25	24
KCF2314	9.52	25.4	25.4	24
KCF2315	9.52	25.4	25.4	24
KCF2316	9.52	38.1	22.9	27
KCF2317	12.7	31.75	31.75	32

Part Drawing



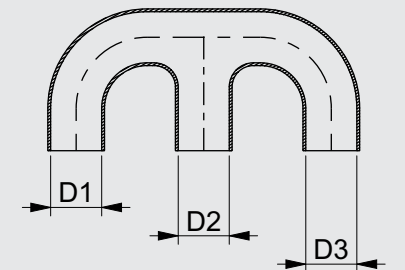
Copper E-Tee

Type - Copper HVAC, Soldered

Dimensional Data

Part No.	D1 (Inch)	D2 (Inch)	D3 (Inch)
KCF2201	3/8	3/8	3/8
KCF2202	1/2	1/2	1/2
KCF2203	5/8	5/8	5/8

Part Drawing





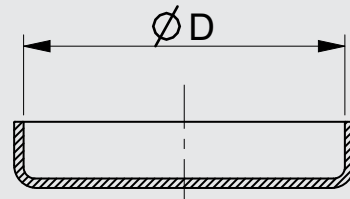
Copper End Cap

Type - Copper HVAC, Soldered

Dimensional Data

Part No.	Size (In)	D1
KCF1501	1/4	1/4
KCF1502	3/8	3/8
KCF1503	1/2	1/2
KCF1504	5/8	5/8
KCF1505	3/4	3/4
KCF1506	7/8	7/8
KCF1507	1 1/8	1 1/8
KCF1508	1 1/4	1 1/4
KCF1509	1 3/8	1 3/8
KCF1510	1 5/8	1 5/8
KCF1511	2	2
KCF1512	2 1/8	2 1/8
KCF1513	2 1/2	2 1/2
KCF1514	2 5/8	2 5/8
KCF1515	3 1/8	3 1/8
KCF1516	3 5/8	3 5/8
KCF1517	4 1/8	4 1/8
KCF1518	5 1/8	5 1/8

Part Drawing



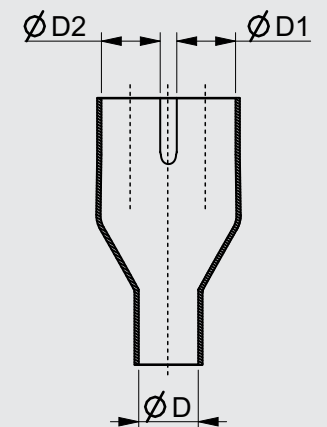
Copper Y - Piece

Type - Copper HVAC, Soldered

Dimensional Data

Part No.	Size (In)	D1	D2	D3
KCF1401	5 1/6 x 5 1/6 x 5 1/6	5 1/6	5 1/6	5 1/6
KCF1402	3/8 x 3/8 x 3/8	3/8	3/8	3/8
KCF1403	1/2 x 3/8 x 3/8	1/2	3/8	3/8
KCF1404	1/2 x 1/2 x 1/2	1/2	1/2	1/2
KCF1405	5/8 x 3/8 x 3/8	5/8	3/8	3/8
KCF1406	5/8 x 1/2 x 1/2	5/8	1/2	1/2
KCF1407	5/8 x 5/8 x 5/8	5/8	5/8	5/8
KCF1408	3/4 x 5/8 x 5/8	3/4	5/8	5/8
KCF1409	3/4 x 1/2 x 1/2	3/4	1/2	1/2
KCF1410	7/8 x 1/2 x 1/2	7/8	1/2	1/2
KCF1411	7/8 x 5/8 x 5/8	7/8	5/8	5/8
KCF1412	7/8 x 7/8 x 7/8	7/8	7/8	7/8
KCF1413	1 1/8 x 7/8 x 7/8	1 1/8	7/8	7/8
KCF1414	1 1/4 x 7/8 x 7/8	1 1/4	7/8	7/8
KCF1415	1 3/8 x 1 1/8 x 1 1/8	1 3/8	1 1/8	1 1/8
KCF1416	1 3/8 x 1 3/8 x 1 3/8	1 3/8	1 3/8	1 3/8
KCF1417	1 5/8 x 1 3/8 x 1 3/8	1 5/8	1 3/8	1 3/8
KCF1418	1 5/8 x 1 1/8 x 1 1/8	1 5/8	1 1/8	1 1/8
KCF1429	1 5/8 x 1 5/8 x 1 5/8	1 5/8	1 5/8	1 5/8
KCF1420	2 1/8 x 1 3/8 x 1 3/8	2 1/8	1 3/8	1 3/8
KCF1421	2 1/8 x 2 1/8 x 2 1/8	2 1/8	1 5/8	1 5/8
KCF1422	2 1/8 x 1 5/8 x 1 5/8	2.125	1 5/8	1 5/8
KCF1423	2 5/8 x 1 5/8 x 1 5/8	2 5/8	1 5/8	1 5/8
KCF1424	2 5/8 x 2 1/8 x 2 1/8	2 5/8	2 1/8	2 1/8

Part Drawing





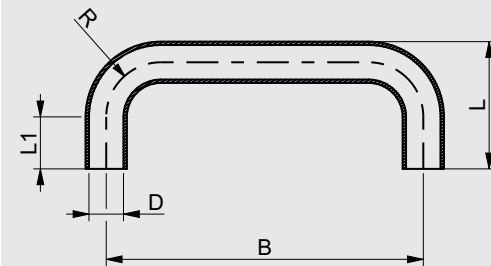
Copper C-Bends

Type - Copper HVAC, Soldered

Dimensional Data

Part No.	D	B	L	L1	R
KCF1901	7	22.5	37	1	7
KCF1902	7	25	23.5	8	10
KCF1903	7	32.5	26	12	10.5
KCF1904	7	34.5	22.5	9	9.53
KCF1905	7	45	23.5	8	10
KCF1906	7	54	33.5	20	10
KCF1907	7	63	43.5	24	12.5
KCF1908	7.94	40	25	10	10.5
KCF1909	7.94	44.4	28.4	4	10
KCF1910	7.94	50.8	28.4	4	10
KCF1911	9.52	35.5	35	10	12.5
KCF1912	9.52	41	25	10	12.5
KCF1913	9.52	45.8	25.4	7	12.7
KCF1914	9.52	50	25	10	12.5
KCF1915	9.52	50.8	27	10	12.7
KCF1916	9.52	67.2	41	20	13
KCF1917	15.88	80	36	8.06	20
KCF1918	15.88	100	41	13.1	20
KCF1919	19.05	128	56	16.5	30

Part Drawing



Copper P-Trap

Type - Copper HVAC, Soldered

Dimensional Data

Part No.	Size (In)	Size (mm)
KCF3001	1/2" (12.7mm)	12mm
KCF3002	5/8" (15.88mm)	15mm
KCF3003	3/4" (19.05mm)	19mm
KCF3004	7/8" (22.23mm)	22mm
KCF3005	1" (25.4mm)	25mm
KCF3006	1 1/8" (28.6mm)	28mm
KCF3007	1 1/4" (32mm)	32mm
KCF3008	1 3/8" (35mm)	35mm
KCF3009	1 1/2" (38mm)	38mm
KCF3010	1 5/8" (42mm)	42mm
KCF3011	1 3/4" (45mm)	45mm
KCF3012	2 1/8" (54mm)	54mm



Copper Full Crossover

Type - Copper HVAC, Soldered

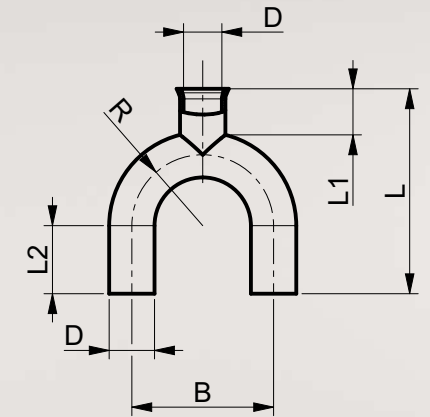
Dimensional Data

Part No.	Size (In)	Size (mm)
KCF3201	3/8" (9.52mm)	10mm
KCF3202	1/2" (12.7mm)	12mm
KCF3203	5/8" (15.88mm)	15mm
KCF3204	3/4" (19.05mm)	16mm
KCF3205	7/8" (22.23mm)	22mm
KCF3206	1" (25.4mm)	25mm
KCF3207	1 1/8" (28.6mm)	28mm
KCF3208	1 1/4" (32mm)	32mm
KCF3209	1 3/8" (35mm)	35mm
KCF3210	1 1/2" (38mm)	38mm
KCF3211	1 5/8" (42mm)	42mm
KCF3212	1 3/4" (45mm)	45mm
KCF3213	2 1/8" (54mm)	54mm



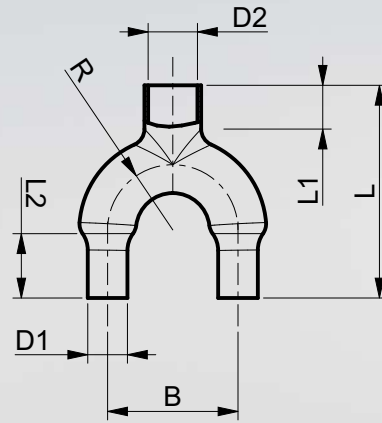
Copper Y-Joint Open Top

Type - Copper HVAC, Soldered



Dimensional Data

Part No.	D	B	D1	L	L1	L2	R
KCF1601	6.35	20	9.72	50	10	15	10
KCF1602	6.35	21	6.4	34	8	6	10.5
KCF1603	6.35	22	6.46	28.5	6	6	11
KCF1604	7	15.86	7	37	3	8	7.93
KCF1605	7	16.48	9.7	31.5	8	8	8.24
KCF1606	7	19	8.1	35	8	8	9.5
KCF1607	7						
KCF1608	7	53	7.2	38.5	6	10	15
KCF1609	7.94	20.4	7.15	25.5	6	5.3	10.2
KCF1610	8	18.8	9.7	38	8	8	9.4
KCF1611	8	20	9.7	32	8	7.5	10
KCF1612	8	22	8.15	32	6	6	11
KCF1613	8	25	6.55	35	10	5	12.5
KCF1614	8	25.4	8.2	32	7	8	12.7
KCF1615	9.5	16.5	9.64	43	8	8	8.25
KCF1616	9.5	22.86	9.65	61	8	10	15
KCF1617	9.52	50	6.2	72	5	20	25
KCF1618	9.52	20.5	9.65	35	8	8	10.3
KCF1619	9.52	22.74	9.7	36	10	8	11.4
KCF1620	9.52	...					
KCF1621	9.53	25.4	9.64	35	7	10	12.7



Copper Reducing Y-Joint

Type - Copper HVAC, Soldered

Dimensional Data

Part No.	D	B	D1	D2	L	L1	L2	R
KCF2401	7	20	6.35	8.2	40	10	10	10
KCF2402	8	19.1	7	9.7	44	8	10	9.55
KCF2403	8	20	7	9.7	44	8	10	10
KCF2404	8	21	7	9.7	36	8	8	10.5
KCF2405	8	25	7.39	9.72	60	10	10	12.5
KCF2406	8	52.2	7	8.15	37.6	12	12	10
KCF2407	8	52.7	7	8.15	37	8	8	10
KCF2408	8	53.8	8.1	6.8	38	12	12	10
KCF2409	9.5	16.7	7	12.7	34.5	8	8	8.35
KCF2410	9.5	21.6	7	9.6	34.5	8	8	10.8
KCF2411	9.5	22.9	7.94	9.65	33	8	8	11.5
KCF2412	9.5	25	9.05	9.66	48	16	16	12.5
KCF2413	9.5	25.4	8.8	9.7	49	9.5	9.5	12.7

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