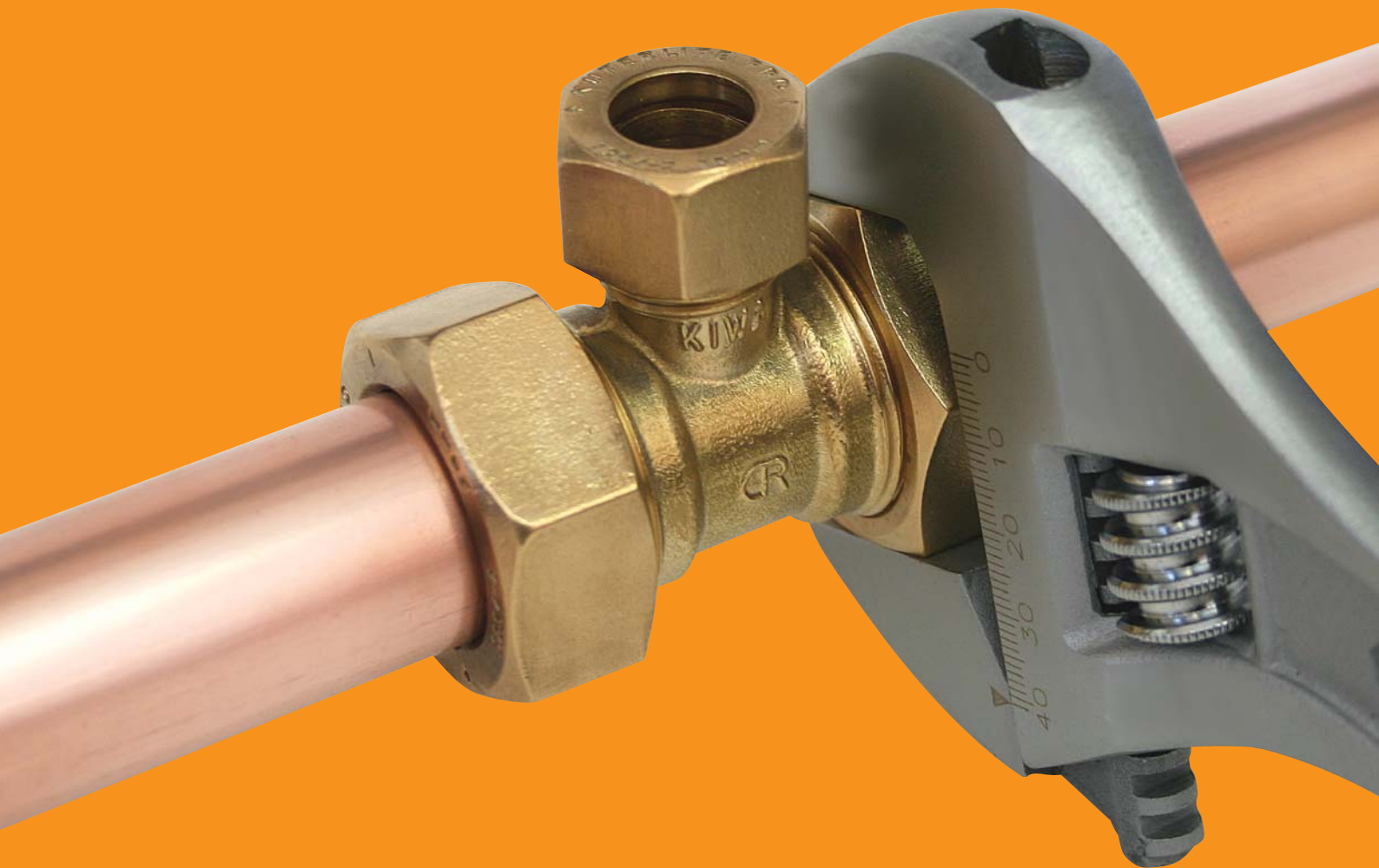




Enhanced performance compression solutions



Pegler Yorkshire has upgraded the Kuterlite K900 range to Kuterlite K900-PRO

As part of our continuous improvement and development programme we have studied the performance of compression fittings in the market and found certain applications where changes could further improve performance.

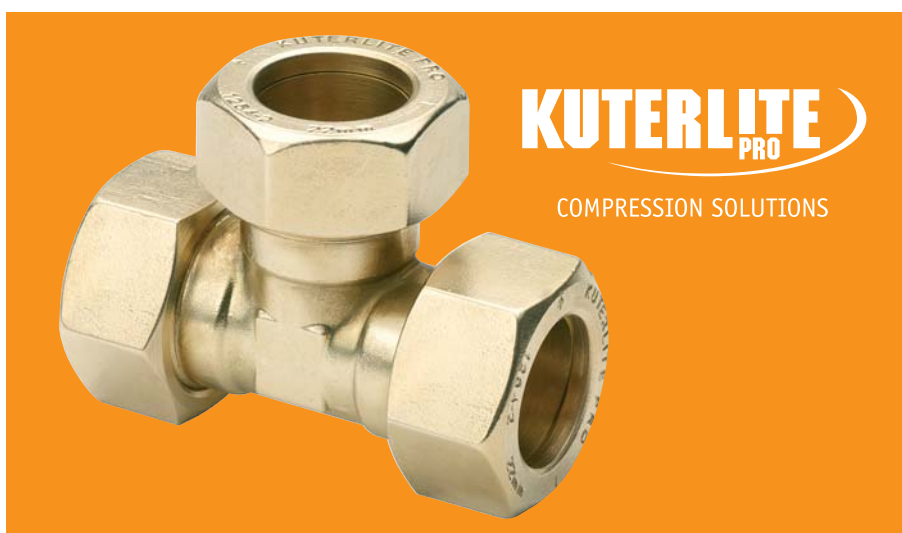
With the intention of providing premium performance, Pegler Yorkshire has substantially increased the engineering safety factors in the Kuterlite K900-PRO product, principally the critical design characteristics of the compression nut.

Kuterlite K900-PRO fittings are compatible with the following types of tube and pipe.

- **Copper tube to BS EN 1057**
- **Tectite PEX or other PEX pipe to BS 7291 part 3**
- **PB pipe to BS 7291 Part 2**
- **XPress Carbon steel system tube or other carbon steel tube to EN 10305-2 sizes up to 28mm**
- **Tectite 316 system tube or other stainless steel tubes to EN 10312 sizes up to 28mm**

Kuterlite K900-PRO fittings are manufactured to exceed the requirements of BS EN 1254-2.

- **Kuterlite K900-PRO is recommended for all applications where K900 was previously recommended including specialist areas such as chilled water**



Professional installation tips

To ensure that these fittings enjoy a long serviceable life, they must be correctly installed.

Do not over-tighten nuts

A matrix is provided at our website: www.pegler-yorkshire.co.uk to help the installer apply the correct amount of torque. This is expressed as partial or whole turns of the nut, and varies depending upon the type of pipe being used.

Use the correct size spanner

K900-PRO nuts are designed to fit the most common metric spanner sizes. An accurately set adjustable spanner can also be used. Compressive gripping devices with serrated jaws (e.g. Stilsons) must never be used to install a Kuterlite fitting.

Apply some light oil

For fittings over 35mm apply a few drops of light oil on the threads of the fitting.

Do not contaminate

Take care not to contaminate the threads or nuts with jointing compounds.

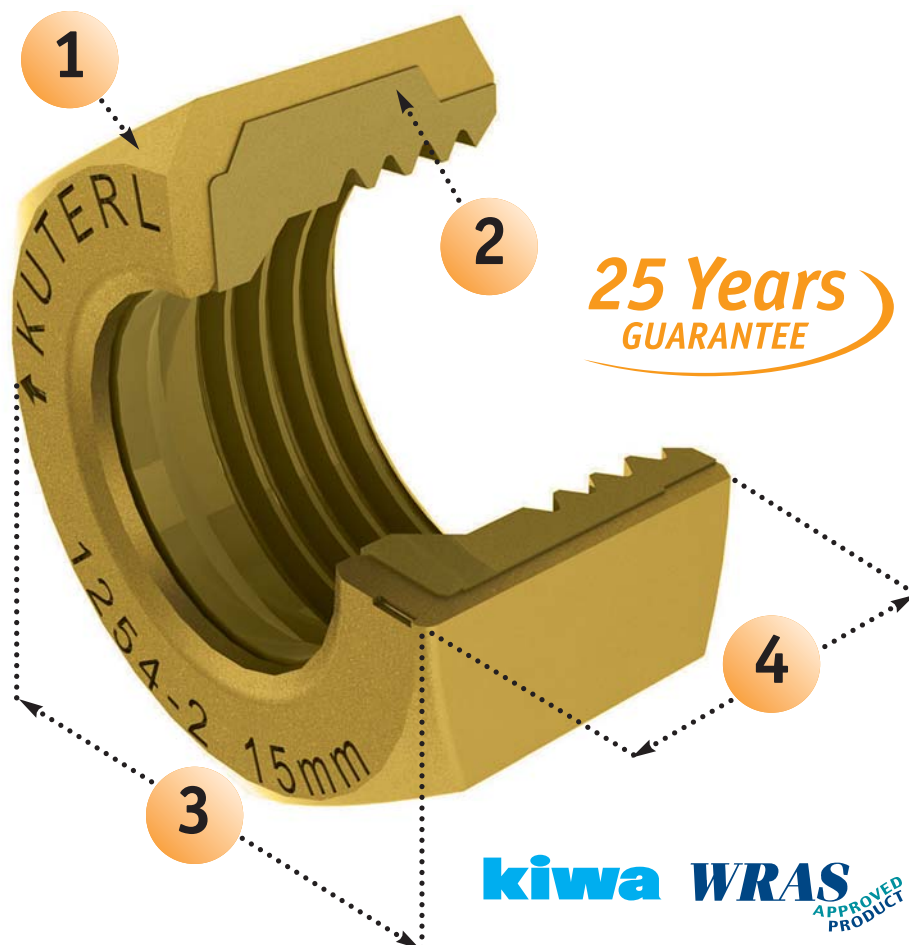
Use parallel threaded adaptors

This will help to avoid stressing the female threaded ends.

Use best practice

Avoid contact with chemicals and chemical compounds that could cause stress corrosion cracking. Installers should either satisfy themselves that such chemicals are not present in the environment around the nut, or take care to isolate the plumbing pipe, valves and fittings from such substances, for instance by wrapping in a vapour barrier or applying impermeable paints.

Enhanced performance K900-PRO compression fittings



- 1 FORGED NUT**
Reduces residual stresses
BS EN 12165:CW617N
- 2 INCREASED WALL THICKNESS** Exceeds
BS EN 1254-2 by 50%
- 3 WIDE ACROSS FLATS**
Suits most common
metric spanner sizes
- 4 INCREASED NUT FLAT**
Full height of nut flat
for greater contact

- Pronounced sharper cross corners
- Thread engagement greater than BS EN 1254-2
- Available in sizes 12mm to 54mm
- New internal profile helps to ensure correct compression ring deformation

Kuterlite Pro packaging

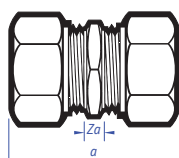
Kuterlite Pro fittings will be packed into standard Kuterlite bags, with installation instructions printed on the back and then packed into our standard corporate outer carton.

For an introductory period we will use a sticker on the bags and outer boxes to highlight the fact that these products are the new Kuterlite K900-PRO fittings. This will continue until the transition to the new design is completed and then phased out.



DZR compression fittings

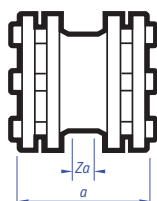
Kuterlite Pro



K910X Straight coupling

Size	a	Za	Order code
10mm	38	5	43015K
12mm	43	4	43016K
15mm•	46	2	43017K
18mm	52	6	43018K
22mm•	51	4	43019K
28mm	54	6	43020K
35mm	68	17	43021K
42mm	64	5	43022K
54mm	68	3	43023K
12 x 10mm	43	12	43029K
15 x 8mm	42	6	43025K
15 x 10mm	42	4	43031K
15 x 12mm	46	7	43028K
18 x 15mm	47	4	43033K
22 x 15mm	48	2	43035K
28 x 22mm	53	5	43037K

Suitable for: Copper x copper



K910X Straight coupling

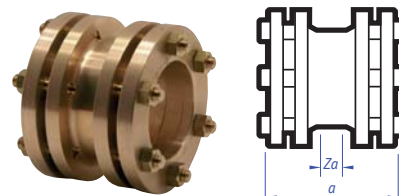
Size	a	Za	Order code
67mm	91	3	43012
76mm	91	3	43013
108mm	98	6	43014

Suitable for: Copper x copper

K910IMX Adaptor coupling

Size	<i>a</i>	<i>Za</i>	Order code
3" x 76mm	91	3	43041
4" (104mm) x 108mm	98	6	43045
4" (106mm) x 108mm	-	-	43046

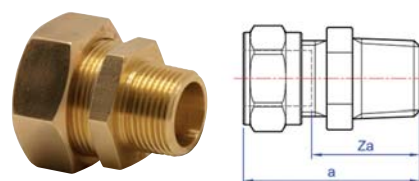
Suitable for: Imperial x metric



K911X Male coupling

Size	<i>a</i>	<i>Za</i>	Order code
12mm x 3/8"	39	23	43051K
12mm x 1/2"	43	23	43052K
15mm x 1/4"	38	17	43053K
15mm x 3/8"	39	18	43054K
15mm x 1/2"●	38	18	43055K
15mm x 3/4"	43	22	43056K
18mm x 1/2"	40	23	43057K
22mm x 1/2"	42	19	43058K
22mm x 3/4"●	42	19	43059K
22mm x 1"●	45	22	43060K
28mm x 3/4"	45	21	43061K
28mm x 1"	48	24	43062K
35mm x 1"	107	83	43064K
35mm x 1 1/4"	109	85	43065K
42mm x 1 1/2"	65	35	43066K
54mm x 2"	70	40	43067K

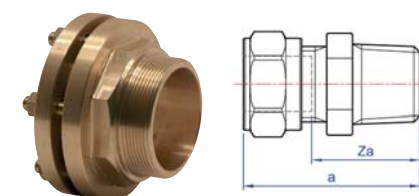
Suitable for: Copper x BSP taper male thread



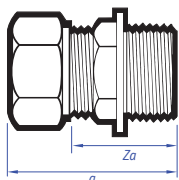
K911X Male coupling

Size	<i>a</i>	<i>Za</i>	Order code
67mm x 2 1/2"	70	25	43042
76mm x 3"	70	25	43043
108mm x 4"	120	69	43044

Suitable for: Copper x BSP taper male thread



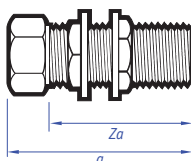
DZR compression fittings



K911PX Male coupling

Size	a	Za	Order code
8mm x 1/4"	31	18	43005K
10mm x 3/8"	33	19	43006K
15mm x 1/2" •	38	17	43001K
15mm x 3/4"	43	22	43008K
22mm x 3/4" •	42	19	43002K
22mm x 1" •	45	19	43003K
28mm x 1"	48	24	43004K
35mm x 1 1/4"	109	85	43009K
42mm x 1 1/2"	65	35	43010K
54mm x 2"	70	40	43011K

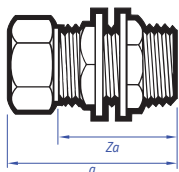
Suitable for: Copper x BSP parallel male thread



K911LBX Long tank coupling

Size	a	Za	Order code
22mm x 3/4"	69	45	43074K
28mm x 1"	70	47	43075K

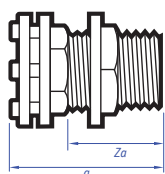
Suitable for: Copper x BSP parallel male thread



K911TCX Tank coupling

Size	a	Za	Order code
15mm x 1/2"	50	28	43069K
22mm x 3/4"	49	28	43070K
28mm x 1"	51	27	43071K
35mm x 1 1/4"	70	49	43077K
42mm x 1 1/2"	78	48	43078K
54mm x 2"	82	53	43079K

Suitable for: Copper x BSP parallel male thread



K911TCX Tank coupling

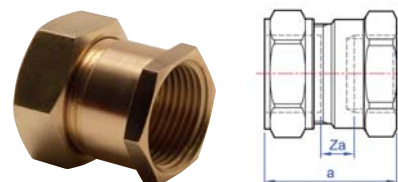
Size	a	Za	Order code
67mm x 2 1/2"	103	60	43080
76mm x 3"	120	76	43081

Suitable for: Copper x BSP parallel male thread

K912X Female coupling

Size	a	Za	Order code
12mm x 3/8"	37	10	43085K
12mm x 1/2"	39	10	43086K
15mm x 3/8"	38	6	43087K
15mm x 1/2"•	40	6	43088K
15mm x 3/4"	42	6	43089K
18mm x 1/2"	39	5	43090K
18mm x 3/4"	40	4	43094K
22mm x 1/2"	42	6	43091K
22mm x 3/4"•	44	6	43092K
22mm x 1"	47	8	43093K
28mm x 1"	46	7	43095K
35mm x 1 1/4"	56	12	43098K
42mm x 1 1/2"	58	9	43099K
54mm x 2"	59	7	43100K

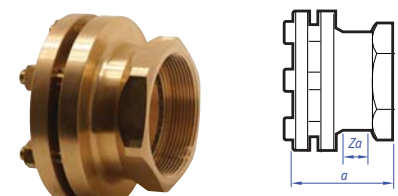
Suitable for: Copper x BSP parallel female thread



K912X Female coupling

Size	a	Za	Order code
67mm x 2 1/2"	70	5	43103
76mm x 3"	70	3	43104

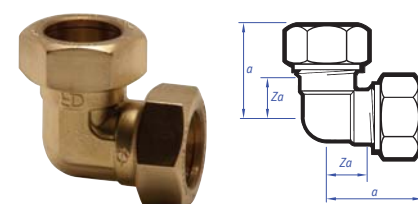
Suitable for: Copper x BSP parallel female thread



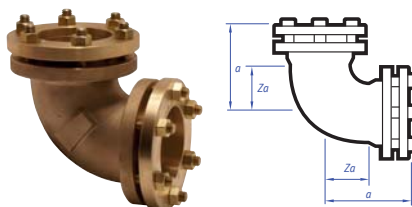
K915X Elbow

Size	a	Za	Order code
12mm	29	9	43121K
15mm•	33	11	43122K
18mm	34	10	43123K
22mm•	38	15	43124K
28mm	42	19	43125K
35mm	48	22	43126K
42mm	55	26	43127K
54mm	66	36	43128K

Suitable for: Copper x copper



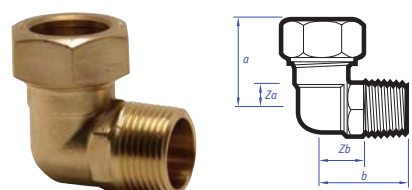
DZR compression fittings



K915X Elbow

Size	a	Za	Order code
67mm	92	52	43130
76mm	125	84	43131
108mm	157	101	43132

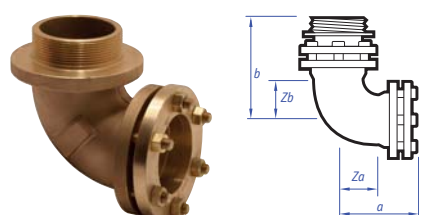
Suitable for: Copper x copper



K916X Male elbow

Size	a	b	Za	Zb	Order code
12mm x 3/8"	29	25	9	11	43153K
12mm x 1/2"	32	31	11	13	43152K
15mm x 3/8"	33	30	10	19	43154K
15mm x 1/2"	32	35	10	26	43155K
18mm x 1/2"	34	33	11	22	43157K
22mm x 3/4"	37	41	14	24	43158K
22mm x 1"	42	37	19	20	43159K
28mm x 1"	43	42	17	24	43161K
35mm x 1 1/4"	52	50	27	30	43162K
42mm x 1 1/2"	55	60	24	40	43163K
54mm x 2"	55	72	39	45	43164K

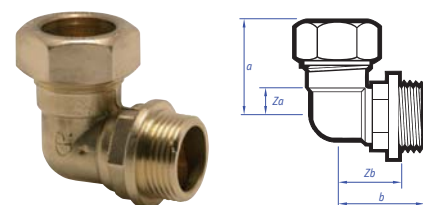
Suitable for: Copper x BSP taper male thread



K916X Male elbow

Size	a	b	Za	Zb	Order code
67mm x 2 1/2"	92	102	78	100	43165

Suitable for: Copper x BSP taper male thread



K916PX Male elbow

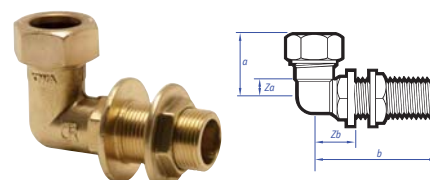
Size	a	b	Za	Zb	Order code
15mm x 1/2"	34	34	13	20	43185K
22mm x 3/4"	37	34	13	20	43186K
22mm x 1"	41	37	18	21	43188K
28mm x 1"	45	46	22	34	43187K

Suitable for: Copper x BSP taper male thread

K916LBX Long male elbow

Size	a	b	Za	Zb	Order code
22mm x 3/4"	34	51	12	21	43177K

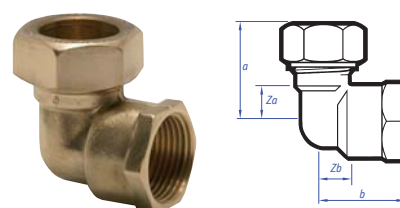
Suitable for: Copper x BSP parallel male thread



K917X Female elbow

Size	a	b	Za	Zb	Order code
12mm x 3/8"	33	15	22	13	43198K
12mm x 1/2"	32	15	25	10	43197K
15mm x 3/8"	31	9	26	13	43199K
15mm x 1/2"	37	15	26	11	43200K
15mm x 3/4"	39	17	32	18	43201K
18mm x 1/2"	33	12	26	14	43202K
22mm x 3/4"	42	18	31	17	43203K
22mm x 1"	41	18	35	19	43204K
28mm x 1"	42	19	37	22	43205K
35mm x 1 1/4"	51	26	45	28	43206K
42mm x 1 1/2"	53	23	49	29	43207K

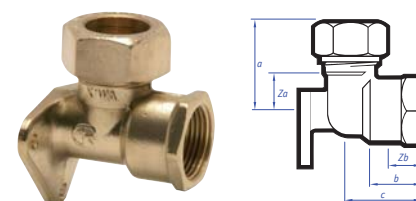
Suitable for: Copper x BSP parallel female thread



K917WX Female wall elbow

Size	a	b	c	Za	Zb	Order code
15mm x 1/2"	33	25	44	12	11	43213K
22mm x 3/4"	38	31	57	14	16	43215K

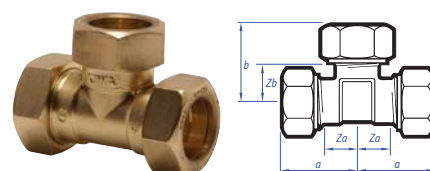
Suitable for: Copper x BSP parallel female thread with backplate



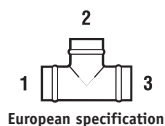
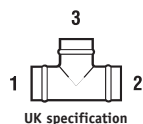
K918X Equal tee

Size	a	Za	Order code
10mm	26	10	43236K
12mm	30	14	43237K
15mm•	33	10	43238K
18mm	34	11	43239K
22mm•	38	14	43240K
28mm	41	16	43241K
35mm	50	25	43242K
42mm	55	26	43243K
54mm	65	35	43244K

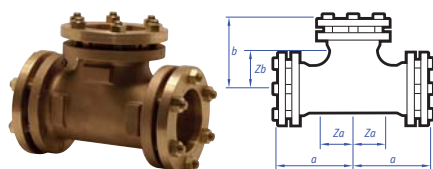
Suitable for: All ends for copper



Tee specification



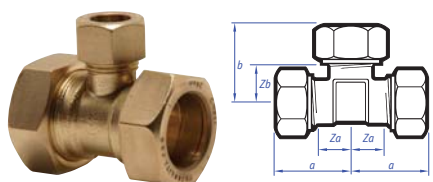
DZR compression fittings



K918X Equal tee

Size	a	b	Za	Zb	Order code
67mm	92	92	50	66	43245
76mm	123	134	199	89	43246
108mm	146	212	247	164	43248

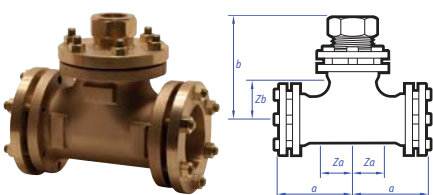
Suitable for: All ends for copper



K918BX Tee, reduced branch

Size UK	European	a	b	Za	Zb	Order code
15 x 15 x 12mm	15 x 12 x 15mm	34	32	11	14	43252K
22 x 22 x 12mm	22 x 12 x 22mm	32	42	9	18	43253K
22 x 22 x 15mm	22 x 15 x 22mm	33	22	11	16	43254K
35 x 35 x 15mm	35 x 15 x 35mm	36	42	12	20	43258K
35 x 35 x 22mm	35 x 22 x 35mm	47	48	22	25	43259K
35 x 35 x 28mm	35 x 28 x 35mm	49	47	24	25	43260K
42 x 42 x 22mm	42 x 22 x 42mm	50	53	20	29	43261K
42 x 42 x 28mm	42 x 28 x 42mm	50	52	20	29	43262K
54 x 54 x 28mm	54 x 28 x 54mm	48	61	18	38	43264K

Suitable for: All ends for copper

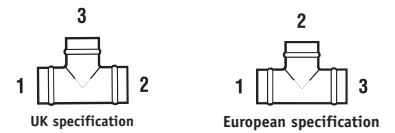


K918BX Tee, reduced branch

Size UK	European	a	b	Za	Zb	Order code
67 x 67 x 28mm	67 x 28 x 67mm	92	116	50	82	43265
67 x 67 x 35mm	67 x 35 x 67mm	92	118	50	83	43266
67 x 67 x 42mm	67 x 42 x 67mm	92	120	50	83	43267
67 x 67 x 54mm	67 x 54 x 67mm	92	122	50	82	43268
76 x 76 x 28mm	76 x 28 x 76mm	123	141	77	113	43269
76 x 76 x 54mm	76 x 54 x 76mm	123	153	77	114	43270

Suitable for: All ends for copper

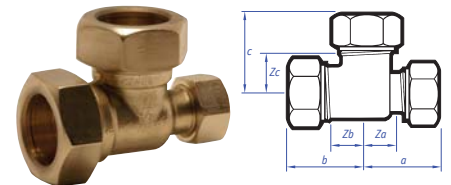
Tee specification



K918EX Tee, one end reduced

Size								
UK	European	a	b	c	Za	Zb	Zc	Order code
15 x 12 x 15mm	15 x 15 x 12mm	31	32	32	14	10	9	43273K
22 x 15 x 22mm	22 x 22 x 15mm	38	38	38	16	14	14	43275K
28 x 15 x 28mm	28 x 28 x 15mm	37	42	42	16	18	18	43276K

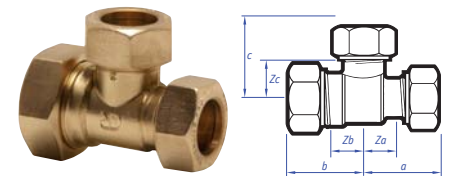
Suitable for: All ends for copper



K918EBX Tee, end and branch reduced

Size								
UK	European	a	b	c	Za	Zb	Zc	Order code
15 x 12 x 12mm	15 x 12 x 12mm	32	31	33	16	10	16	43287K
22 x 15 x 15mm	22 x 15 x 15mm	33	33	36	11	9	14	43289K
28 x 22 x 22mm	28 x 22 x 22mm	36	37	38	13	14	15	43293K

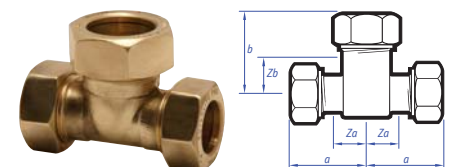
Suitable for: All ends for copper



K918EEX Tee, both ends reduced

Size							
UK	European	a	b	Za	Zb		Order code
12 x 12 x 15mm	12 x 15 x 12mm	33	31	14	10		43301K
15 x 15 x 22mm	15 x 22 x 15mm	35	32	15	9		43302K
22 x 22 x 28mm	22 x 28 x 22mm	39	39	16	16		43303K

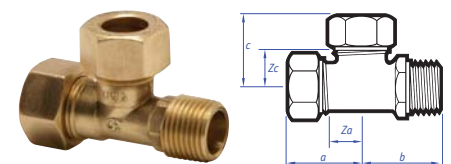
Suitable for: All ends for copper



K920X Male end tee

Size							
UK	European	a	b	c	Za	Zb	Order code
15 x 1/2" x 15mm	15 x 15mm x 1/2"	32	34	31	10	9	43311K

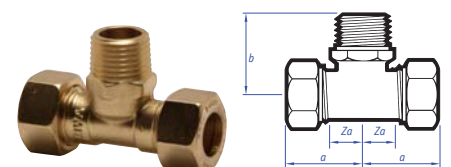
Suitable for: Copper x BSP taper male thread x copper branch



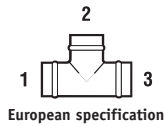
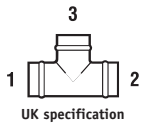
K920HX Male branch tee

Size						
UK	European	a	b	Za		Order code
15 x 15mm x 1/2"	15 x 1/2" x 15mm	65	32	12		43321K

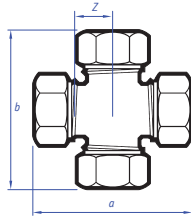
Suitable for: Copper x copper x BSP taper male branch



Tee specification



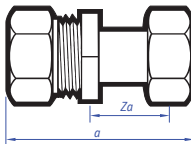
DZR compression fittings



K923X Cross

Size	a	b	Z	Order code
15 x 15 x 15 x 15mm	63	63	9	43329K

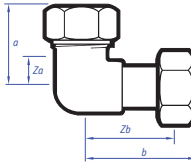
Suitable for: All ends for copper



K926X Straight swivel tap connector

Size	a	Za	Order code
15mm x 1/2"•	44	17	43346K
15mm x 3/4"	48	21	43347K
22mm x 3/4"	51	20	43349K

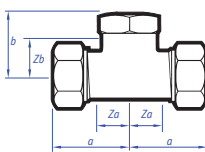
Suitable for: Copper x union nut plus washer



K927X Bent swivel tap connector

Size	a	b	Za	Zb	Order code
15mm x 1/2"	33	29	11	24	43356K
22mm x 3/4"	38	35	12	30	43357K

Suitable for: Copper x union nut plus washer



K930X Female branch tee

Size		a	b	Za	Zb	Order code
UK	European					
15 x 15mm x 1/4"	15 x 1/4" x 15mm	33	26	11	15	43370K
15 x 15mm x 1/2"	15 x 1/2" x 15mm	35	25	13	11	43369K
22 x 22mm x 1/2"	22 x 1/2" x 22mm	37	26	12	11	43372K
22 x 22mm x 3/4"	22 x 3/4" x 22mm	37	30	14	17	43373K
28 x 28mm x 1/2"	28 x 1/2" x 28mm	36	32	13	17	43374K
28 x 28mm x 1"	28 x 1" x 28mm	46	37	22	21	43376K

Suitable for: Copper x copper x BSP parallel female branch

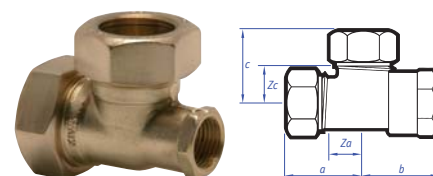
Tee specification



K930EX Female end tee

Size UK	European	a	b	c	Za	Zc	Order code
15 x 1/2" x 15mm	15 x 15mm x 1/2"	29	32	34	7	12	43384K
22 x 1/2" x 22mm	22 x 22mm x 1/2"	36	28	26	13	3	43386K
22 x 3/4" x 22mm	22 x 22mm x 3/4"	36	31	37	13	14	43387K
28 x 1/2" x 28mm	28 x 28mm x 1/2"	40	31	40	15	16	43388K

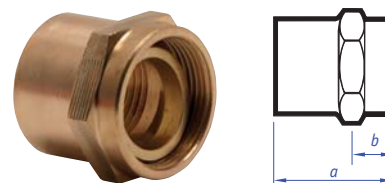
Suitable for: Copper x BSP parallel female end x copper branch



K941X Female adaptor

Size	a	b	Order code
22mm x 3/4"	34	10	43426K

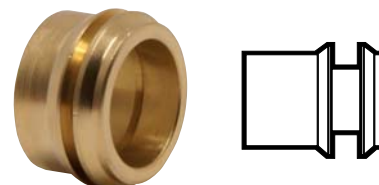
Suitable for: Converting Kuterlite end to BSP parallel female thread



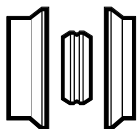
K947X One piece reducer

Size	Order code
15 x 8mm	43429K
15 x 10mm	43428K
15 x 12mm	3430K
18 x 12mm	43437K
18 x 15mm	43431K
22 x 12mm	43432K
22 x 15mm	43433K
22 x 18mm	43434K
28 x 15mm	43435K
28 x 22mm	43436K

Suitable for: Reducing the size of Kuterlite sockets



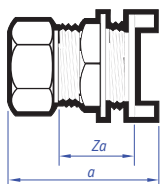
DZR compression fittings



K948X Reducing set

Size	Order code
35 x 15mm	43453K
35 x 22mm	43455K
35 x 28mm	43456K
42 x 15mm	43457K
42 x 22mm	43459K
42 x 28mm	43460K
42 x 35mm	43461K
54 x 22mm	43463K
54 x 28mm	43464K
54 x 35mm	43465K
54 x 42mm	43466K

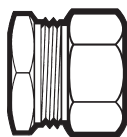
Suitable for: Reducing the size of Kuterlite sockets



K950X Tank connector

Size	a	Za	Order code
15mm•	46	25	43473K
22mm•	47	25	43475K
35mm	50	17	43477K
42mm	55	25	43478K
54mm	63	33	43479K

Suitable for: Copper end with flange and locknut



K951X Stop end

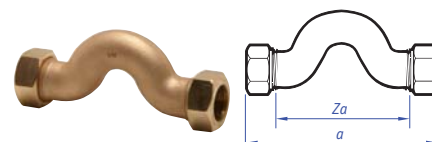
Size	a	Za	Order code
12mm	26	9	43489K
15mm•	25	4	43490K
18mm	28	9	43491K
22mm•	28	5	43492K
28mm	31	7	43493K
35mm	38	14	43494K
42mm	36	8	43495K
54mm	43	10	43496K
67mm	40	5	43278
76mm	40	5	43279
108mm	40	5	43281

Suitable for: Body may be removed at any time and another Kuterlite fitting used with a compression nut and compression ring.

K953X Crossover

Size	a	Za	Order code
15mm	111	67	43500K
22mm	132	85	43501K

Suitable for: Copper x copper



K972X/K1772X Blanking plug

Size	Order code
15mm	43531K
18mm (3/8")	43532K
22mm (1/2")	43533K
28mm (3/4")	43534K
35mm (1")	43535K

Suitable for: Blanking off one end of a fitting



K972X Blanking plug

Size	Order code
42mm (1 1/4")	43536K

Suitable for: Blanking off one end of a fitting



K1870X Kufit adaptor

Size	Order code
15mm	62544K
22mm	62547K
28mm	62548K
28 x 15mm	62556K
28 x 22mm	62557K

Suitable for: Converting K900 type A to a type B for soft copper





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