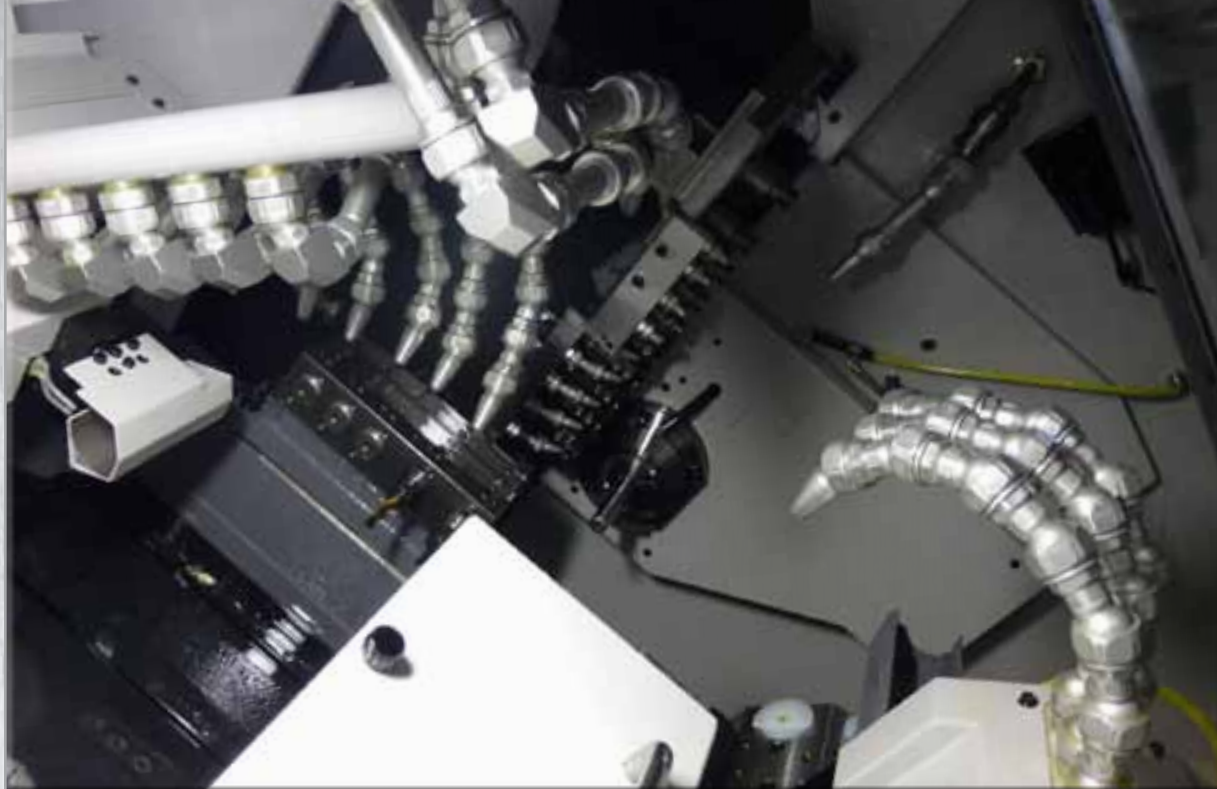




Tuyaux Modulaires Haute Pression



HP^{MAX}
80 bar

Tuyau Modulaire en aluminium

Présentation	46
Gamme arrosage Ø 3.4 mm - 1/8	47
Gamme arrosage Ø 5.5 mm - 1/4	48 - 49
Gamme arrosage Ø 12 mm - 1/2	50 - 51
Coffret Ø 5.5 mm - 1/4	52

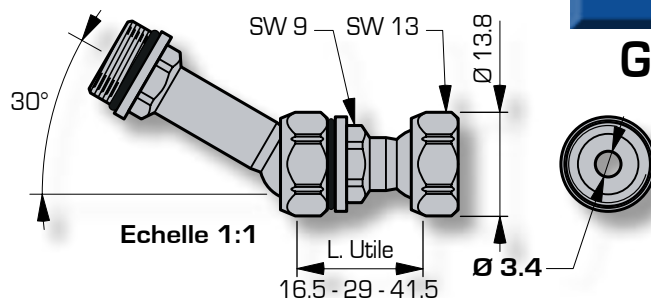
KOPAL

KOPAL 45

ARROSAGE MODULAIRE HP

Tuyaux articulés Haute Pression

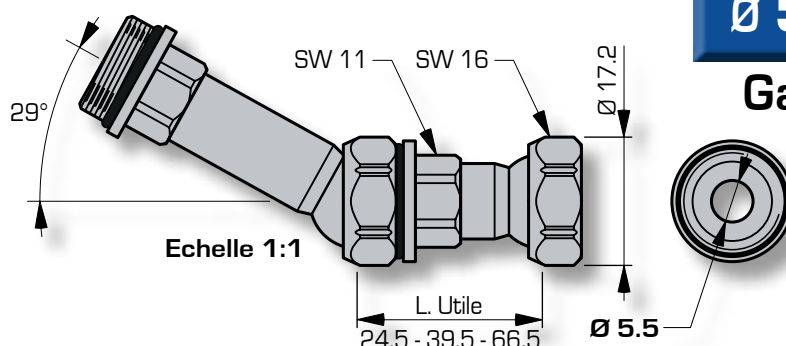
HP_{MAX}
80 bar



Ø 3.4 mm

Gamme 1/8

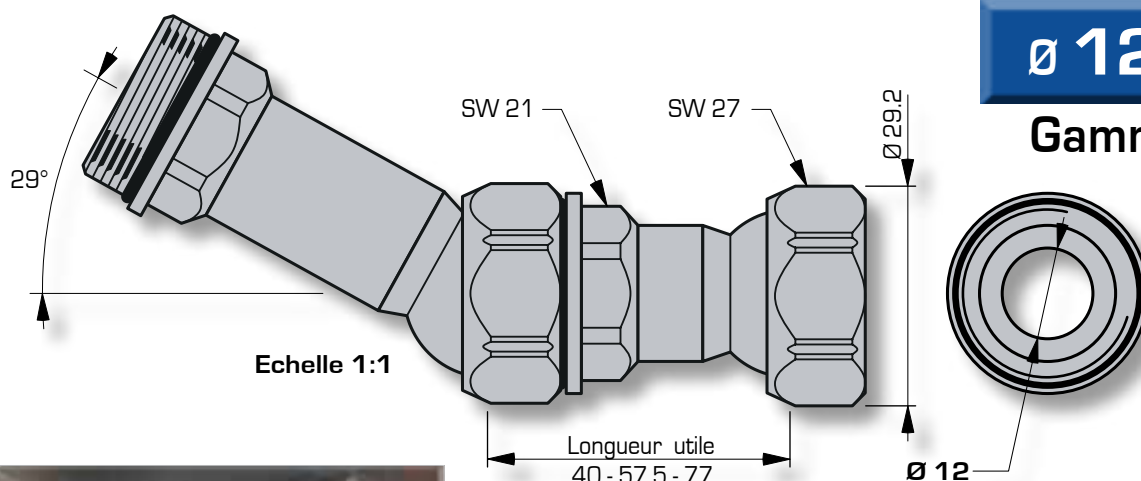
KOPAL



Ø 5.5 mm

Gamme 1/4

PIRANHA COOLING LINE®



Ø 12 mm

Gamme 1/2



Tuyau Modulaire en aluminium
Haute Pression jusqu'à 80 Bar
Très grande rigidité
Arrosage précis

Tuyaux articulés Ø 3.4 Gamme 1/8

Équipement complet Ø 3.4

Équipement **raccord 1/8"**, long. 69.5 mm **CL1804**

- 1 raccord NPT
- 1 segment M
- 1 segment S
- 1 buse ronde Ø 3.4 mm
- 1 écrou



Segments Ø 3.4

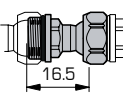
Segment S

- 1 segment
- 3 segments

Réf.

CL1810

CL1811

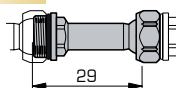


Segment M

- 1 segment
- 2 segments

CL1814

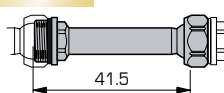
CL1815



Segment L

- 1 segment

CL1818



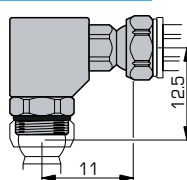
Pièces de liaison Ø 3.4

Coude

- 1 sortie à 90°

Réf.

CL1842



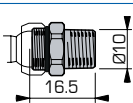
Raccords filetés Ø 3.4

Raccord NPT

- 1 Raccord 1/8

Réf.

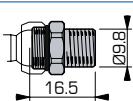
CL1866



Raccord BSPT Cylindrique

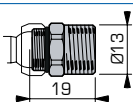
- 1 Raccord 1/8

CL1862



- 1 Raccord 1/4

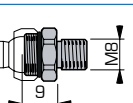
CL1873



Raccord métrique

- 1 Raccord M8 x 125

CL1874



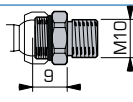
- 1 Raccord M8 x 100

CL1875



- 1 Raccord M10 x 100

CL1872



Buses Droites Ø 3.4

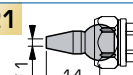
Buse ronde

- 1 buse Ø 1 mm

Jet fin et précis

Réf.

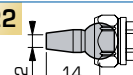
CL1821



Buse ronde

- 1 buse Ø 2 mm

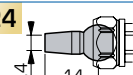
CL1822



Buse ronde

- 1 buse Ø 3.4 mm

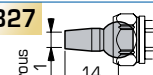
CL1824



Buse ronde

- 1 buse
- 5 trous Ø 1

CL1827



Jet puissant et précis

KOPAL

Toute nouvelle buse doit être fixée avec un **écrou CL1882**, une buse de remplacement peut utiliser l'écrou en place.



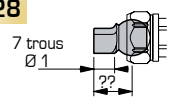
Buses Coudées Ø 3.4

Buse coudée à 90° courte

- 1 buse 7 trous Ø 1 mm

Réf.

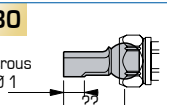
CL1828



Buse coudée à 90° longue

- 1 buse 7 trous Ø 1 mm

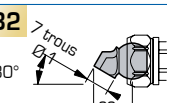
CL1830



Buse coudée à 60° courte

- 1 buse 7 trous Ø 1 mm

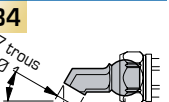
CL1832



Buse coudée à 60° longue

- 1 buse 7 trous Ø 1 mm

CL1834



Accessoires Ø 3.4

Écrou Ø 3.4

- 1 écrou pour buse

Réf.

CL1882



Joint Ø 3.4

- 1 joint torique

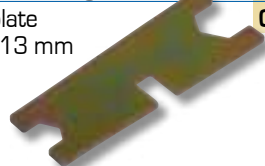
CL1884



Clé de serrage

- 1 clé plate
- 9 et 13 mm

CL1890



KOPAL 47

ARROSAGE MODULAIRE HP

Tuyaux articulés Ø 5,5 Gamme 1/4

Equipements complets Ø 5.5

Equipement **raccord 1/4"**, longueur 98 mm

CL1404

Equipement **raccord 1/8"**, longueur 98 mm

CL1406

- 1 raccord NPT
- 1 segment M
- 1 segment S
- 1 buse ronde Ø 5.5 mm
- 1 écrou



KOPAL

Segments Ø 5.5

Segment S

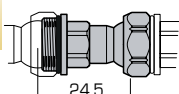
Réf.

1 segment

CL1410

3 segments

CL1411



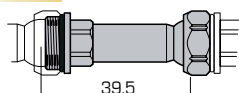
Segment M

1 segment

CL1414

2 segments

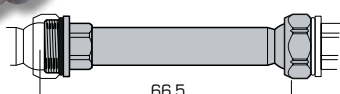
CL1415



Segment L

1 segment

CL1418



Tuyau Modulaire en aluminium

HP MAX
80 bar

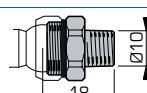
Raccords filetés Ø 5.5

Raccord NPT

Réf.

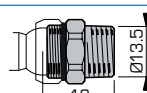
1 Raccord 1/8

CL1468



1 Raccord 1/4

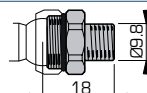
CL1466



Raccord BSPT Cylindrique

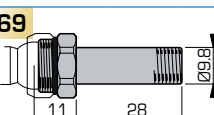
1 Raccord 1/8

CL1470



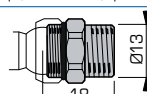
1 Raccord 1/8 long

CL1469



1 Raccord 1/4

CL1464



Raccord	NPT 60° Ø - filets/pouce	BSP T (gaz) 55° Ø - filets/pouce
1/8"	10 mm - 28	10 mm - 28
1/4"	13,5 mm - 18	13,2 mm - 19

Les Buses Multi-jets

assurent un jet précis même sur une longue distance.

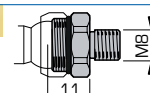
Raccords filetés Ø 5.5

Raccord Métrique

Réf.

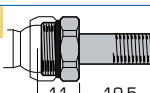
1 Raccord M8

CL1474



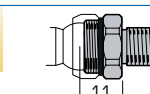
1 Raccord M8 long

CL1475



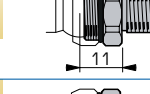
1 Raccord M10x1

CL1472



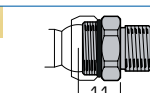
1 Raccord M10

CL1473



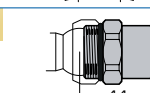
1 Raccord M12x1

CL1462



1 Raccord Ø 14

CL1476



Tuyaux articulés Ø 5,5 Gamme 1/4

Buses Droites Ø 5.5

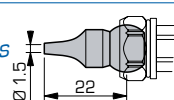
Buse ronde

Réf.

1 buse Ø 1.5 mm

CL1421

Jet fin et précis

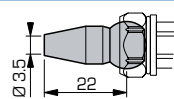


Buse ronde

Réf.

1 buse Ø 3.5 mm

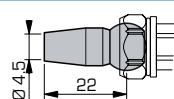
CL1422



Buse ronde

1 buse Ø 4.5 mm

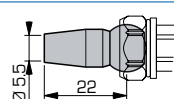
CL1424



Buse ronde

1 buse Ø 5.5 mm

CL1426

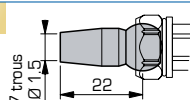


Buse ronde

1 buse
7 trous Ø 1.5

CL1427

*Jet puissant
et précis*



Toute nouvelle buse doit être fixée avec un écrou CL1482,
une buse de remplacement peut utiliser l'écrou en place.



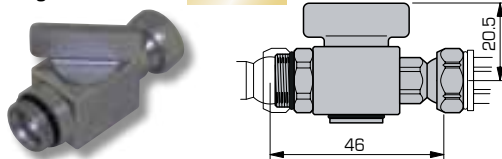
Robinet Ø 5,5

Robinet

Réf.

1 sortie ligne

CL1450



*Le robinet peut être placé à n'importe quel
endroit sur le réseau.*



Accessoires Ø 5.5

Ecrou Ø 5.5

Réf.

1 écrou pour buse

CL1482

Joint Ø 5.5

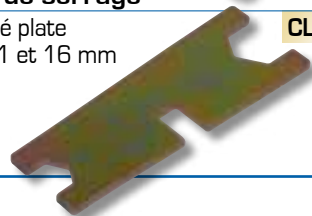
1 joint torique

CL1484

Clé de serrage

1 clé plate
11 et 16 mm

CL1490



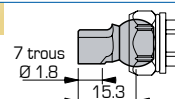
Buses Coudées Ø 5.5

Buse coudée à 90° courte

Réf.

1 buse 7 trous Ø 1.8 mm

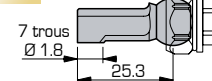
CL1428



Buse coudée à 90° longue

1 buse 7 trous Ø 1.8 mm

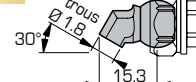
CL1430



Buse coudée à 60° courte

1 buse 7 trous Ø 1.8 mm

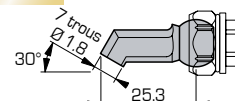
CL1432



Buse coudée à 60° longue

1 buse 7 trous Ø 1.8 mm

CL1434



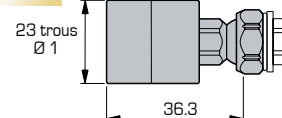
Buses Plate

Buse plate 20 mm

Réf.

1 buse
23 trous
Ø 1 mm

CL1436



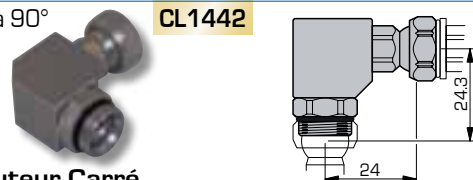
Pièces de liaison Ø 5,5

Coude

Réf.

1 sortie à 90°

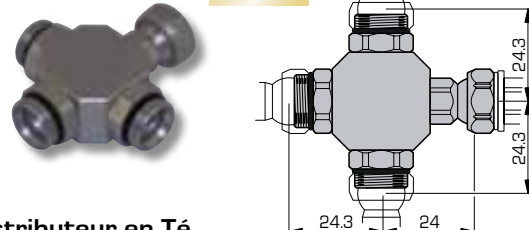
CL1442



Distributeur Carré

3 sorties à 90°

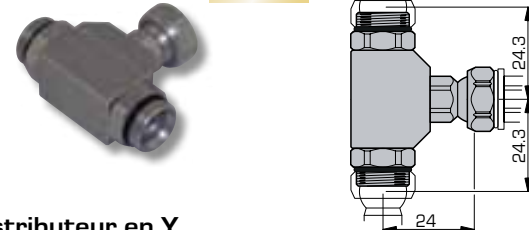
CL1444



Distributeur en Té

2 sorties à 180°

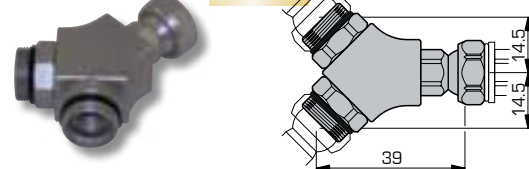
CL1446



Distributeur en Y

2 sorties à 90°

CL1448



Tuyaux articulés Ø 12 Gamme 1/2



Equipements complets Ø 12

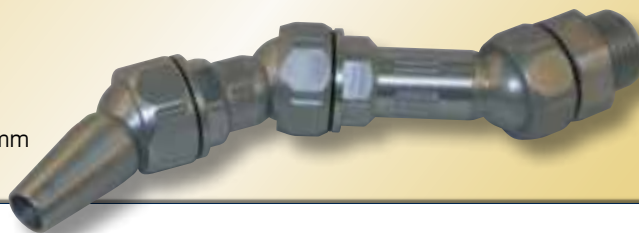
Equipement **raccord 1/2"**, longueur 160 mm

CL1204

Equipement **raccord 3/8"**, longueur 160 mm

CL1206

- 1 raccord NPT
- 1 segment M
- 1 segment S
- 1 buse ronde Ø 10 mm
- 1 écrou



HP MAX
80 bar

Montage des Buses

Toute nouvelle buse doit être fixée avec un **écrou CL1282**, une buse de remplacement peut utiliser l'écrou en place.



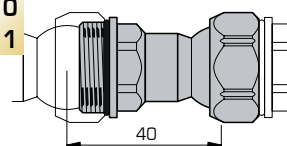
Segments Ø 12

Segment S

- 1 segment
- 3 segments

Réf.

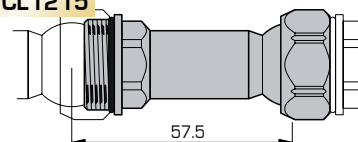
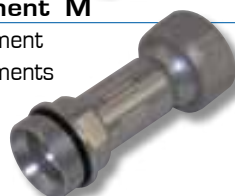
CL1210
CL1211



Segment M

- 1 segment
- 2 segments

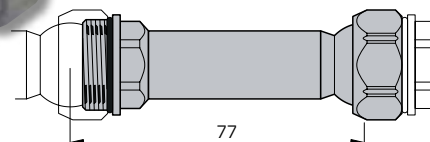
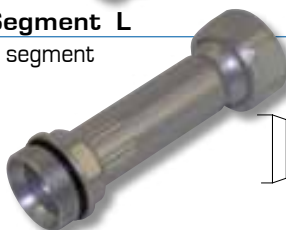
CL1214
CL1215



Segment L

- 1 segment

CL1218



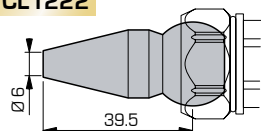
Buses Droites Ø 12

Buse ronde

- 1 buse Ø 6 mm

Réf.

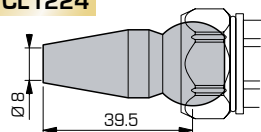
CL1222



Buse ronde

- 1 buse Ø 8 mm

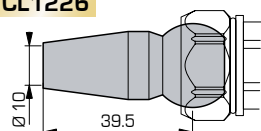
CL1224



Buse ronde

- 1 buse Ø 10 mm

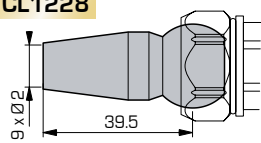
CL1226



Buse ronde

- 1 buse
- 19 trous Ø 2

CL1228



Jet puissant
et précis

Raccord	NPT 60° Ø - filets/pouce	BSP T (gaz) 55° Ø - filets/pouce
3/8"	17,3 mm - 18	16,5 mm - 19
1/2"	21 mm - 14	21 mm - 14

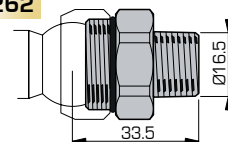
Raccords filetés Ø 12

Raccord NPT

- 1 Raccord 3/8

Réf.

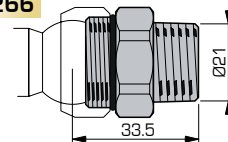
CL1262



Raccord NPT

- 1 Raccord 1/2

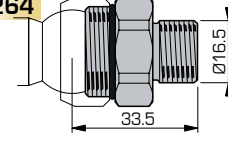
CL1266



Raccord BSPT Cylindrique

- 1 Raccord 3/8

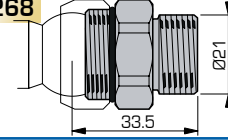
CL1264



Raccord BSPT Cylindrique

- 1 Raccord 1/2

CL1268



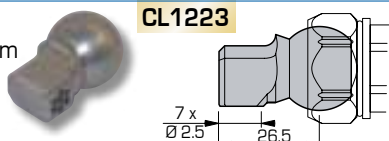
Tuyaux articulés Ø 12 Gamme 1/2

Buses Coudées Ø 12

Buse coudée à 90° courte

1 buse
7 trous Ø 2.5 mm

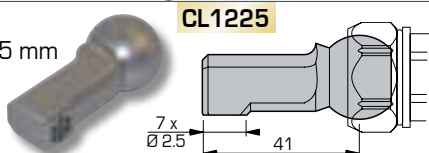
CL1223



Buse coudée à 90° longue

1 buse
7 trous Ø 2.5 mm

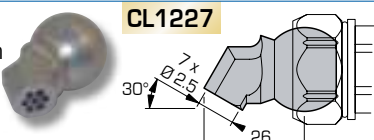
CL1225



Buse coudée à 60° courte

1 buse
7 trous Ø 2.5 mm

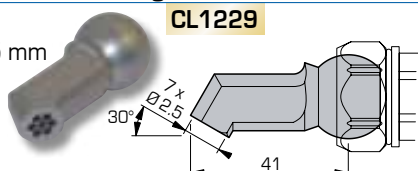
CL1227



Buse coudée à 60° longue

1 buse
7 trous Ø 2.5 mm

CL1229



Les Buses Multi-jets

assurent un jet précis même sur une longue distance.



Buses Plates

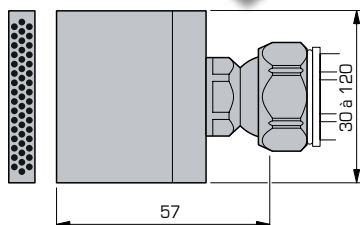
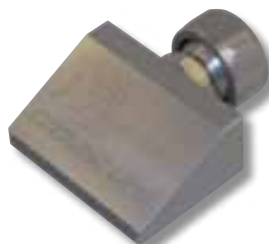
Avec un écrou CL 1282.

1 Buse plate

largeur 30
largeur 40
largeur 50
largeur 60
largeur 80
largeur 100
largeur 120

Réf.

CL1230
CL1231
CL1232
CL1233
CL1234
CL1236
CL1238



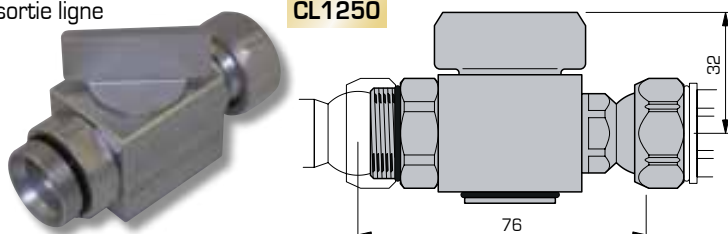
KOPAL

Robinet Ø 12

Robinet

1 sortie ligne

CL1250



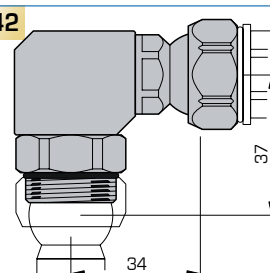
Pièces de liaison Ø 12

Coude

1 sortie à 90°

Réf.

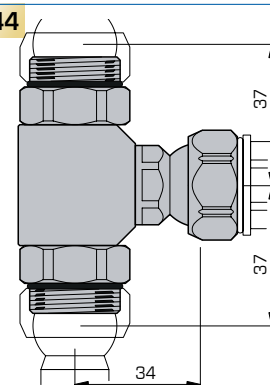
CL1242



Distributeur en Té

2 sorties à 180°

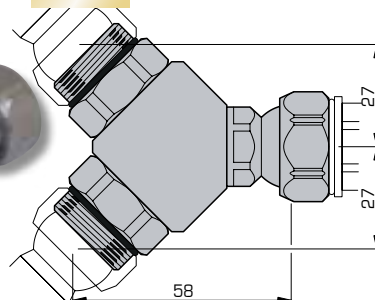
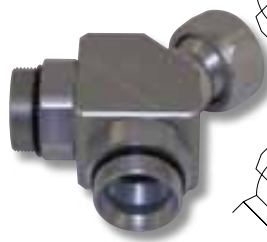
CL1244



Distributeur en Y à 90°

2 sorties Ø 12
vers Ø 12

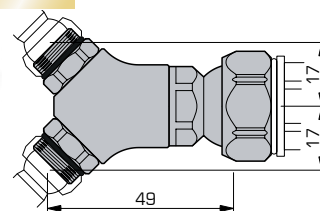
CL1248



Distributeur en Y à 90°

2 sorties Ø 12
vers Ø 5.5

CL1246



Accessoires Ø 12

Ecrou Ø 12

1 écrou pour buse

Réf.

CL1282



Joint Ø 12

1 joint torique

Réf.

CL1284

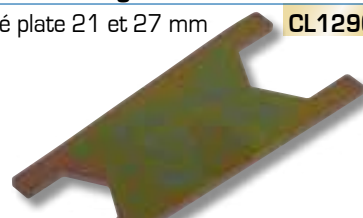


Clé de serrage

1 clé plate 21 et 27 mm

Réf.

CL1290



KOPAL 51

ARROSAGE MODULAIRE HP

Coffrets Ø 3,4 - Ø 5,5 - Ø 12



Contenu suivant modèle

HP MAX
 80 bar

KOPAL

Kit Complet Réf.
Ø 3,4 - 1/8" CL1802
Raccords

1 x NPT 1/8	CL1866
1 x BSPT 1/8	CL1862
1 x M8	CL1874
1 x M8x1	CL1875
1 x M10	CL1872

Segments

3 x 16.5 mm	CL1810
3 x 29 mm	CL1814
3 x 41.5 mm	CL1818

Buses Droites

1 x Ø 1 mm	CL1821
1 x Ø 2 mm	CL1822
1 x Ø 3.4 mm	CL1824
1 x Ø 1 mm x 5	CL1827

Buses Coudées 7 trous

2 x 90° courte	CL1828
2 x 90° longue	CL1830
2 x 60° courte	CL1832
2 x 60° longue	CL1834

Pièces de liaison

1 coude à 90°	CL1842
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Accessoires

5 écrous	CL1882
2 clés plates	CL1890

Kit Complet Réf.
Ø 5,5 - 1/4" CL1402
Raccords

1 x NPT 1/4	CL1466
1 x BSPT 1/4	CL1464
1 x NPT 1/8	CL1468
1 x M10	CL1472
1 x M12	CL1462

Segments

3 x 28 mm	CL1410
3 x 43 mm	CL1414
3 x 70 mm	CL1418

Buses Droites

1 x Ø 3.5 mm	CL1422
1 x Ø 4.5 mm	CL1424
1 x Ø 5.5 mm	CL1426

Buses Coudées 7 trous

1 x 90° courte	CL1428
1 x 90° longue	CL1430
1 x 60° courte	CL1432
1 x 60° longue	CL1434

Pièces de liaison

1 coude à 90°	CL1442
1 Distributeur Y	CL1448

Accessoires

5 écrous	CL1482
2 clés plates	CL1490

Kit Complet Réf.
Ø 12 - 1/2" CL1202
Raccords

1 x NPT 1/2	CL1266
1 x BSPT 1/2	CL1268
1 x NPT 3/8	CL1262
1 x BSPT 3/8	CL1264

Segments

8 x 40 mm	CL1210
4 x 57.5 mm	CL1214
3 x 77 mm	CL1218

Buses Droites

1 x Ø 6 mm	CL1222
1 x Ø 8 mm	CL1224
1 x Ø 10 mm	CL1226
1 x Ø 2 mm x 19	CL1228

Buses Coudées 7 trous

1 x 90° courte	CL1223
1 x 90° longue	CL1225
1 x 60° courte	CL1227
1 x 60° longue	CL1229

Pièces de liaison

1 coude à 90°	CL1242
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Accessoires

5 écrous	CL1282
2 clés plates	CL1290