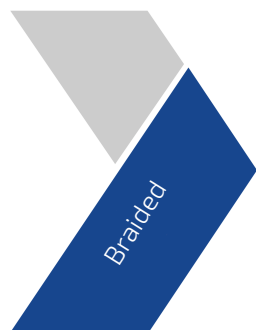


Standard Tail





001C



Swaged Ferrule (no skive)

11

0022



Swaged Ferrule (no skive)

12

012N



Swaged Ferrule

13

0001



Swaged Ferrule (skive)

14

0002



Swaged Ferrule (skive)

15



0009



Swaged Ferrule (skive)

16

004H



Swaged Ferrule (skive)

16

0SI4



Swaged Ferrule (skive)

17

BMC1



Swaged Ferrule (no skive)

17

BMC2



Swaged Ferrule (no skive)

18



0007



Swaged Ferrule (no skive)

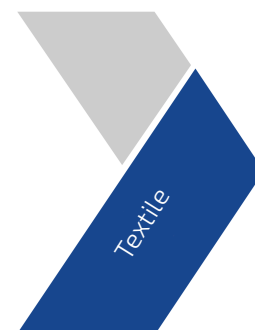
18

0008



Swaged Ferrule (no skive)

19



0003

Swaged Ferrule (no
skive)

19**PTFE**

Ferrule for PTFE hose

20**PTFE-C**

Ferrule for PTFE hose

20**0345**

BSP Male Flat Seat

21**0060**

BSP Female flat seat

22**0350**

BSP Male Parallel 60°
cone

23**035G**

BSP Male Parallel 60°
Cone - Rotating

24**0050**

BSP Female 60° cone
Thrust Wire

25**0051**

BSP Female 60° Cone -
Rolled Nut

25**0058**

BSP Female 60° Cone
Slip On Nut

25**0051D**

BSP Female 60° Cone -
Double Hexagon

26**0150**

BSP Swept Elbow 60°
Cone-Thrust wire Nut

27**0151**

BSP 90° Swept Elbow 60°
Cone - Rolled Nut

27

0158



BSP 90° Swept elbow 60°
cone Slip On Nut

27

0250



BSP Swept Elbow 60°
Cone-Thrust wire Nut

28

0251



BSP 45° Swept Elbow 60°
Cone Rolled nut

28

0258



BSP 45° Swept Elbow 60°
Cone Slipe on nut

28

2321



BSP 90° Compact Elbow
60° Cone - Rolled nut

29

2300



BSP 90° Compact Elbow
60° Cone - Thrust wire -
Welded

29

0041



BSP O'Ring Female 60°
Cone-Thrust wire Nut

30

0048



BSP O'Ring Female 60°
Cone - Slip on nut

30

0141



BSP O'Ring 90° Swept
elbow 60° cone Rolled
Nut

31

0148



BSP O'Ring 90° Swept
elbow 60° cone- Slip on
nut

31

0241



BSP O'Ring 45° Swept
Elbow 60° Cone - Rolled
nut

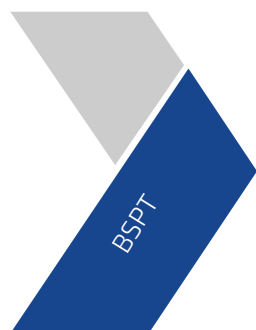
32

0248



BSP O'Ring 45° Swept
Elbow 60° Cone - Slip on
nut

32



0360



BSP Taper Male 60° cone

33



0370



NPTF Male 60° cone

34

037G



NPTF Male Parallel 60°
Cone - Rotating

35

N051



NPSM Female 60° Cone
Rolled Nut

35



0850



JIC Male 74° cone

36

0900



JIC Female 74° - Thrust
Wire Nut

37

0901



JIC Female 74° cone -
Rolled Nut

37

0902



JIC Female 74° - Slip on
nut

37

0901D



JIC Female 74° Cone-
Double Hexagon

38

0950



JIC 90° Swept Elbow 74°
Cone - Thrust Wire

39

0951



JIC 90° Swept Elbow 74°
cone - Rolled Nut

39

0952



JIC 90° Swept Elbow 74°
cone - Slip on nut

39

1000



JIC 45° Swept Elbow 74°
Cone Thrust Wire Nut

40

1001



JIC 45° Swept Elbow 74°
cone - Rolled Nut

40

1002



JIC 45° Swept Elbow 74°
Cone Slipse on nut

40

095S



JIC 90° Swept Elbow 74°
cone - ISO SHORT

41

2971



JIC 90° Compact Elbow
74° cone - Crimped Nut

41



0385



SAE Male O'R Flat Seat

42



0500



Metric Male 24° Seat Light

43

0085



Metric Female 24° Seat Light

44

0185



90° Metric Swept Elbow 24° Seat Light

45

0285



45° Metric Swept Elbow 24° Seat Light

46



0450



Metric Male 24° Seat Heavy

47

0084



Metric Female 24° Seat Heavy

48

0184



90° Metric Swept Elbow 24° Seat Heavy

49

0284



45° Metric Swept Elbow 24° Seat Heavy

50



0550



Metric Standpipe

51

0650



90° Metric Standpipe

52

0650S



Female Metric Tubular 90° (welded)

52

0750



45° Metric Standpipe

53

0750S



45° Metric Standpipe
(welded)

53

Metric Din 24° DKL

0035



Metric Female 24° Seat
Light Multiseal

54

0135



90° Metric Swept Elbow
24° Seat Light Multiseal

55

Metric 60°

0400



Metric Male 60° cone

56

0100



Metric Female 60° cone

57

0200



90° Metric Swept Elbow
60° cone

58

ORFS

S350



ORFS Male

59

S050



ORFS Female

60

S05T



ORFS Female Back
Hexagon

61

S150



ORFS 90° Swept Elbow

62

S15S



ORFS 90° Swept Elbow -
ISO SHORT

63

S250



ORFS 45° Swept Elbow

64



1260



Straight SAE Flange
3000 PSI

65

1060



90° SAE Flange 3000 PSI

66

1160



45° SAE Flange 3000 PSI

67

FS3L



90° SAE Flange 3000 Psi
- Long Drop

67

S003



Cut Split Flanges - 3000
psi

68



1310



Straight SAE Flange
6000 PSI

69

1110



90° SAE Flange 6000 PSI

70

1210



45° SAE Flange 6000 PSI

71

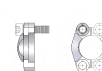
FS6L



90° SAE Flange 6000 Psi
- Long Drop

71

S006



Cut Split Flanges - 6000
psi

72



130S



Straight 'CAT' Flange

72

110S



90° 'CAT' Flange

73

120S



45° 'CAT' Flange

73



1250



Komatsu Flange -
Straight

74

1050



Komatsu Flange 90°

74

1150



Komatsu Flange 45°

74

0940



JIS Female 60° Cone
(Komatsu)

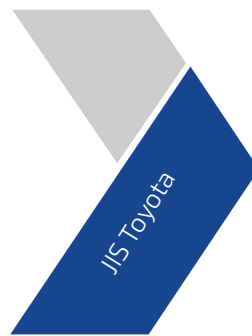
75

0990S



90° JIS Swept Elbow
(Komatsu) - welded

76



0930



JIS Female 60° cone
(Toyota)

76

0980S



90° JIS Swept Elbow
(Toyota) - welded

77



0920



JIS Female 60° cone
(Nissan)

77



0030



Metric Female 24° Cone
French Type

78



FK50



K' Female

78

FN50



'K' Male (for gun) -
Diameter 10

79

FN51



'K' Male (for gun) -
Diameter 11

79

Banjo/bolt

1400



BSP Banjo

80

1600



Double BSP Perforated
Bolt

81

1600-00



BSP Perforated Bolt

81

1350



Metric Banjo

82

1650



Metric perforated bolt

83

Junction

D050



Hose Junction

84

Weldable Fitting

GS00

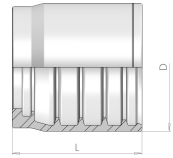


Weldable Fitting

85

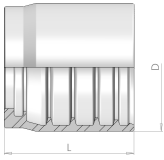
001C

Swaged Ferrule (no skive)



Product number	hose I.D.	I.D.	Dimension		skive	valid for
	in	mm	D	L	Length	-
001C-03	3/16	4,8	18.5	24	NO	R17-2SC-1SN-Pilot-H1
001C-04	1/4	6.4	20	26	NO	R17-2SC-1SC-1SN-Pilot-H1
001C-05	5/16	7.9	22	28	NO	R17-2SC-1SC-1SN-Pilot-H1
001C-06	3/8	9.5	25	28	NO	R17-2SC-1SC-1SN-Pilot-H1
001C-08	1/2	12.7	28	28	NO	R17-2SC-1SC-1SN-Pilot-H1
001C-10	5/8	15.9	32	31	NO	R17-2SC-1SC-1SN-H1
001C-12	3/4	19	36	38	NO	R17-2SC-1SC-1SN-H1
001C-16	1	25.4	44	47.5	NO	R17-2SC-1SC-1SN-H1
001C-20	1.1/4	31.8	54	56	NO	1SN-2SC-1SC
001C-24	1.1/2	38.1	61.6	66	NO	1SN-2SC-1SC
001C-32	2	50.8	75.4	73	NO	1SN-2SC-1SC
001C-40	2.1/2	63,5	88.4	80	NO	2SC-1SC
001C-48	3	76,2	100.5	90	NO	2SC-1SC

0022

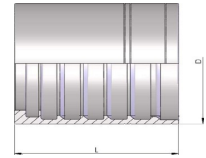


Swaged Ferrule (no skive)

Product number	hose I.D.	I.D.	Dimension		skive	valid for
	in	mm	D	L	Length	-
0022-03	3/16	4.8	21	25.3	NO	25N-(15N)
0022-04	1/4	6.4	22	28	NO	25N-(15N)
0022-05	5/16	7.9	24	28	NO	25N-(15N)
0022-06	3/8	9.5	26	28	NO	25N-(15N)
0022-08	1/2	12.7	30	31	NO	25N-(15N)
0022-10	5/8	15.9	34	31	NO	25N-(15N)
0022-12	3/4	19	38	38.5	NO	25N-(15N)
0022-16	1	25.4	47	48	NO	25N-(15N)
0022-20	1.1/4	31.8	58	56	NO	25N-(15N)
0022-24	1.1/2	38.1	66	66	NO	25N-(15N)
0022-32	2	50.8	79	73	NO	25N-(15N)

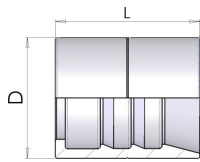
012N

Swaged Ferrule



Product number	hose I.D.	I.D.	Dimension		skive	valid for
	in	mm	D	L	Length	-
012N-04	1/4	6.4	18.3	28	21	ONE 1RN-TWO 2RN-2MC-2SC
012N-05	5/16	7.9	20.0	29	22	ONE 1RN-TWO 2RN-2MC-2SC
012N-06	3/8	9.5	22.8	30	23	ONE 1RN-TWO 2RN-2MC-2SC
012N-08	1/2	12.7	26.3	32	24	ONE 1RN-TWO 2RN-2MC-2SC
012N-10	5/8	15.9	29.8	34	26	ONE 1RN-TWO 2RN-2MC-2SC
012N-12	3/4	19	34.4	40	31	ONE 1RN-TWO 2RN-2MC-2SC
012N-16	1	25.4	42.9	49	38	ONE 1RN-TWO 2RN-2MC-2SC
012N-20	1.1/4	31.8	52.5	56	43	TWO 2RN
012N-24	1.1/2	38.1	59.2	63	49	TWO 2RN
012N-32	2	50.8	72.2	73	58	TWO 2RN

0001

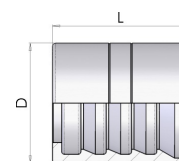


Swaged Ferrule (skive)

Product number	hose I.D.	I.D.	Dimension		skive	valid for
	in	mm	D	L	Length	-
0001-03	3/16	4.8	17.5	27	20	1SN-(2SC-1ST)
0001-04	1/4	6.4	20	30.2	23	1SN-(2SC-1ST)
0001-05	5/16	7.9	22	30.7	23	1SN-(2SC-1ST)
0001-06	3/8	9.5	24	32	24	1SN-(2SC-1ST)
0001-08	1/2	12.7	28.5	34	25	1SN-(2SC-1ST)
0001-10	5/8	15.9	32	37	27	1SN-(2SC-1ST)
0001-12	3/4	19	36	43	31	1SN-(2SC-1ST)
0001-16	1	25.4	43	50	37	1SN-(2SC-1ST)
0001-20	1.1/4	31.8	52	57	46	1SN-(2SC-1ST)
0001-24	1.1/2	38.1	57	63	44	1SN-(2SC-1ST)
0001-32	2	50.8	70.6	78	60	1SN-(2SC-1ST)

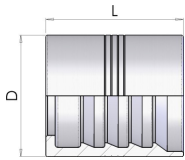
0002

Swaged Ferrule (skive)



Product number	hose I.D.	I.D.	Dimension		skive	valid for
	in	mm	D	L	Length	-
0002-03	3/16	4.8	20	27	21	2SN-(2ST)
0002-04	1/4	6.4	21	30	22	2SN-(2ST)
0002-05	5/16	7.9	24	30	22	2SN-(2ST)
0002-06	3/8	9.5	25.4	32	24	2SN-3SC-(2ST)
0002-08	1/2	12.7	30	34	25	2SN-(2ST)
0002-10	5/8	15.9	34	37	27	2SN-(2ST)
0002-12	3/4	19	38	43	31	2SN-(2ST)
0002-16	1	25.4	46	50	37	2SN-(2ST)
0002-20	1.1/4	31.8	56	59	43	2SN-(2ST)
0002-24	1.1/2	38.1	62	63	45	2SN-(2ST)
0002-32	2	50.8	75	79	61	2SN-(2ST)
0002-40	2.1/2	63.5	95	83.7	63	2SN-(2ST)
0002-48	3	76.2	105.6	94.3	78	2SN-(2ST)

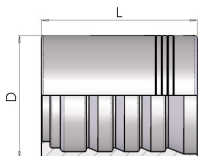
0009



Swaged Ferrule (skive)

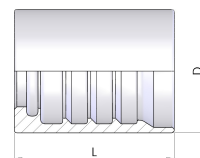
Product number	hose I.D.	Dimension		I.D.	skive	valid for
	in	D	mm	L	Length	-
0009-04	1/4	21	6.4	30	22	4SP-R12
0009-06	3/8	25.4	9.5	33.5	26	4SP-R12
0009-08	1/2	30	12.7	36	28	4SP-R12
0009-10	5/8	34	15.9	40	31	4SP-R12
0009-12	3/4	38	19	43	34	4SP-(R12-4SH)
0009-16	1	46	25.4	60	48	(4SP-R12)
0009-20	1.1/4	56	31.8	66	54	(4SP-R12)
0009-24	1.1/2	67	38.1	76.5	62	(4SP-R12)
0009-32	2	80	50.8	79.8	64	4SP

004H

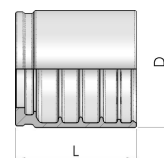


Swaged Ferrule (skive)

Product number	hose I.D.	I.D.	Dimension		skive	valid for
	in	mm	D	L	Length	-
004H-20	1.1/4	31.8	52	66	55	(4SH)
004H-24	1.1/2	38.1	62	76.5	63	(4SH)
004H-32	2	50.8	75	79.8	65	R12

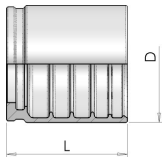
OSI4**Swaged Ferrule (skive)**

Product number	hose I.D.	I.D.	Dimension		skive	valid for
	in	mm	D	L	Length	
OSI4-06	3/8	9.5	24	31	23	Four SP - Hysoflex 4K - Hysoflex 5K - Hysoflex 6K
OSI4-08	1/2	12.7	27.6	33	24.5	Four SP - Hysoflex 4K - Hysoflex 5K - Hysoflex 6K
OSI4-10	5/8	15.9	32	36	27.5	Four SP - Hysoflex 4K
OSI4-12	3/4	19	36.4	42	32.5	Four SP - Hysoflex 4K
OSI4-16	1	25.4	44	55.5	44	Four SP - Hysoflex 4K

BMC1**Swaged Ferrule (no skive)**

Product number	hose I.D.	I.D.	Dimension		skive	valid for
	in	mm	D	L	Length	
BMC1-12	3/4	19	45	41	NO	R12
BMC1-16	1	25.4	53.5	56	NO	R12-4SP-4SH
BMC1-20	1.1/4	31.8	62	62	NO	(4SH)

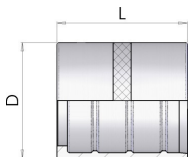
BMC2



Swaged Ferrule (no skive)

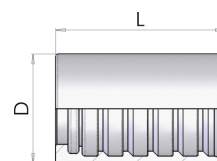
Product number	hose I.D.	I.D.	Dimension		skive	valid for
	in	mm	D	L	Length	-
BMC2-20	1.1/4	31.8	66	62	NO	R12-4SP
BMC2-24	1.1/2	38.1	73.3	70	NO	R12-4SP-(R13)

0007

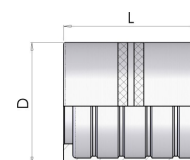


Swaged Ferrule (no skive)

Product number	hose I.D.	I.D.	Dimension		skive	valid for
	in	mm	D	L	Length	-
0007-03	3/16	4.8	14	27	NO	R7-R6-1TE-2TE
0007-04	1/4	6.4	17	29	NO	R7-R6-1TE-2TE
0007-05	5/16	7.9	19	30	NO	R7-R6-1TE-2TE
0007-06	3/8	9.5	21	31	NO	R7-R6-1TE-2TE
0007-08	1/2	12.7	25.4	34	NO	R7-R6-1TE-2TE
0007-10	5/8	15.9	28.5	36	NO	R7-R6-1TE-2TE
0007-12	3/4	19	32	36	NO	R7-R6-1TE-2TE
0007-16	1	25.4	40	50	NO	R7-R6-1TE-2TE

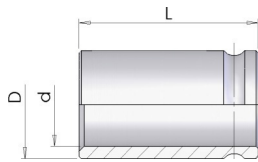
0008**Swaged Ferrule (no skive)**

Product number	hose I.D.	I.D.	Dimension		skive	valid for
	in	mm	D	L	Length	-
0008-03	3/16	4.8	13	25	NO	R8
0008-04	1/4	6.4	17	29	NO	R8
0008-05	5/16	7.9	19	30	NO	R8
0008-06	3/8	9.5	21.5	31	NO	R8
0008-08	1/2	12.7	26	34	NO	R8
0008-10	5/8	15.9	29	40	NO	R8
0008-12	3/4	19	32	42	NO	R8
0008-16	1	25.4	40	50	NO	R8

0003**Swaged Ferrule (no skive)**

Product number	hose I.D.	I.D.	Dimension		skive	valid for
	in	mm	D	L	Length	-
0003-03	3/16	4.8	14	27	NO	R3-3TE-R5
0003-04	1/4	6.4	19	29	NO	R3-3TE-R5
0003-05	5/16	7.9	22	30	NO	R3-3TE-R5
0003-06	3/8	9.5	24	31	NO	R3-3TE-R5
0003-08	1/2	12.7	28.5	34	NO	R3-3TE-R5
0003-10	5/8	15.9	32	36	NO	R3-3TE-R5
0003-12	3/4	19	38	42	NO	R3-3TE-R5
0003-16	1	25.4	46	50	NO	R3-3TE
0003-20	1.1/4	31.8	52	57	NO	R3-3TE

PTFE

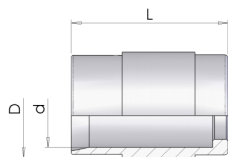


Ferrule for PTFE hose

Product number	hose I.D.	Dimension			I.D.	skive	valid for
		in	D	mm	L	d-int	
PTFE-03	3/16	12.7	4.8	22	9.5	NO	PTFE type T1
PTFE-04	1/4	14.4	6.4	23.9	11.1	NO	PTFE type T1
PTFE-05	5/16	17.1	7.9	24.6	13	NO	PTFE type T1
PTFE-06	3/8	19	9.5	27.4	15	NO	PTFE type T1
PTFE-08	1/2	22.4	12.7	28.7	18.3	NO	PTFE type T1
PTFE-10	5/8	27	15.9	31.7	23.1	NO	PTFE type T1
PTFE-12	3/4	28.7	19	34.5	24.8	NO	PTFE type T1
PTFE-16	1	38.1	25.4	43.6	34.3	NO	PTFE type T1

For PTFE hose type T1 - (with standard fittings)

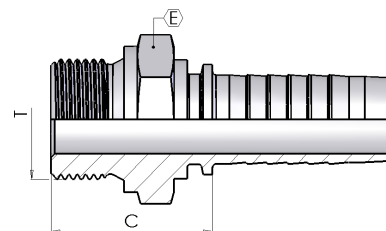
PTFE-C



Ferrule for PTFE hose

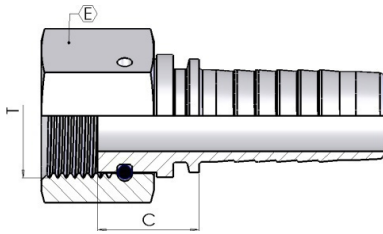
Product number	hose I.D.	Dimension			I.D.	skive	valid for
		in	D	mm	L	d-int	
PTFE-04-C	1/4	17.8	6.4	26.5	14.4	NO	PTFE type LTC
PTFE-06-C	3/8	20	9.5	30.5	16.8	NO	PTFE type LTC
PTFE-08-C	1/2	24	12.7	33.2	20.5	NO	PTFE type LTC
PTFE-10-C	5/8	29.2	15.9	34.8	25.4	NO	PTFE type LTC
PTFE-12-C	3/4	31.1	19	40.9	27.4	NO	PTFE type LTC
PTFE-16-C	1	38.5	25.4	47	34.7	NO	PTFE type LTC

For PTFE hose type LTC - (with standard fittings)

0345**BSP Male - Flat Seat****(AGR-F)**

Product number	hose I.D.	Dimension				I.D.
	in	dash size	mm	T	E	Cut-off C
0345-04-04	1/4	04	6.4	1/4-19	19	27
0345-05-06	5/16	05	7.9	3/8-19	22	28
0345-06-06	3/8	06	9.5	3/8-19	22	29
0345-06-08	3/8	06	9.5	1/2-14	27	32
0345-08-08	1/2	08	12.7	1/2-14	27	33
0345-10-12	5/8	10	15.9	3/4-14	32	35
0345-12-12	3/4	12	19	3/4-14	32	36
0345-12-16	3/4	12	19	1-11	41	39
0345-16-16	1	16	25.4	1-11	41	40

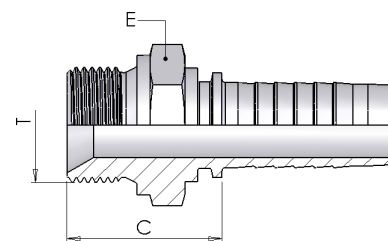
0060



BSP Female flat seat

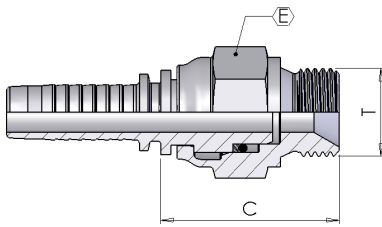
(DKR-F)

Product number	hose I.D.	I.D.	Dimension			
	in	mm	dash size	T	E	Cut-off C
0060-04-04	1/4	6.4	04	1/4-19	19	14
0060-04-06	1/4	6.4	04	3/8-19	22	15
0060-05-06	5/16	7.9	05	3/8-19	22	15
0060-05-08	5/16	7.9	05	1/2-14	27	17
0060-06-06	3/8	9.5	06	3/8-19	22	15
0060-06-08	3/8	9.5	06	1/2-14	27	16
0060-08-08	1/2	12.7	08	1/2-14	27	16
0060-08-12	1/2	12.7	08	3/4-14	32	23
0060-10-10	5/8	15.9	10	5/8-14	30	16
0060-10-12	5/8	15.9	10	3/4-14	32	20
0060-12-12	3/4	19	12	3/4-14	32	21
0060-12-16	3/4	19	12	1-11	38	23
0060-16-16	1	25.4	16	1-11	38	22

BSP Male Parallel 60° cone**(AGR)**

Product number	hose I.D.	Dimension				I.D.
	in	dash size	mm	T	E	Cut-off C
0350-03-02	3/16	03	4.8	1/8-28	14	21
0350-03-04	3/16	03	4.8	1/4-19	19	26
0350-04-02	1/4	04	6.4	1/8-28	14	21
0350-04-04	1/4	04	6.4	1/4-19	19	27
0350-04-06	1/4	04	6.4	3/8-19	22	28
0350-04-08	1/4	04	6.4	1/2-14	27	35
0350-05-04	5/16	05	7.9	1/4-19	19	27
0350-05-06	5/16	05	7.9	3/8-19	22	28
0350-05-08	5/16	05	7.9	1/2-14	27	32
0350-06-04	3/8	06	9.5	1/4-19	19	27
0350-06-06	3/8	06	9.5	3/8-19	22	29
0350-06-08	3/8	06	9.5	1/2-14	27	32
0350-08-06	1/2	08	12.7	3/8-19	22	29
0350-08-08	1/2	08	12.7	1/2-14	27	33
0350-08-10	1/2	08	12.7	5/8-14	30	34
0350-08-12	1/2	08	12.7	3/4-14	32	35
0350-10-08	5/8	10	15.9	1/2-14	27	33
0350-10-10	5/8	10	15.9	5/8-14	30	35
0350-10-12	5/8	10	15.9	3/4-14	32	35
0350-12-08	3/4	12	19	1/2-14	27	33
0350-12-12	3/4	12	19	3/4-14	32	36
0350-12-16	3/4	12	19	1-11	41	39
0350-16-16	1	16	25.4	1-11	41	40
0350-16-20	1	16	25.4	1.1/4-11	50	44
0350-20-16	1.1/4	20	31.8	1-11	41	41
0350-20-20	1.1/4	20	31.8	1.1/4-11	50	45
0350-20-24	1.1/4	20	31.8	1.1/2-11	55	46
0350-24-24	1.1/2	24	38.1	1.1/2-11	55	46
0350-24-32	1.1/2	24	38.1	2-11	70	54
0350-32-24	2	32	50.8	1.1/2-11	65	50
0350-32-32	2	32	50.8	2-11	70	54

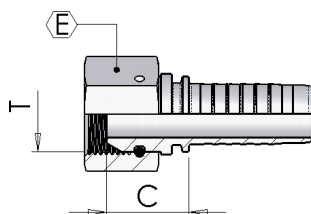
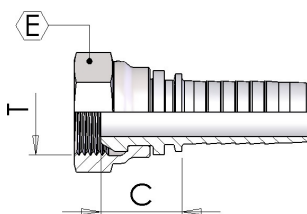
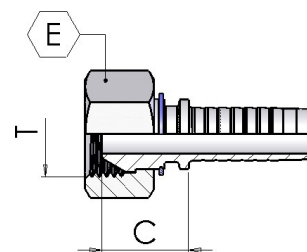
035G



BSP Male Parallel 60° Cone - Rotating

(AGR-RO)

Product number	hose I.D.	I.D.	Dimension			
	in	mm	dash size	T	E	Cut-off C
035G-04-04	1/4	6.4	04	1/4-19	19	37
035G-06-06	3/8	9.5	06	3/8-19	22	43
035G-08-08	1/2	12.7	08	1/2-14	27	47
035G-12-12	3/4	19	12	3/4-14	32	52

0050**0051****0058**

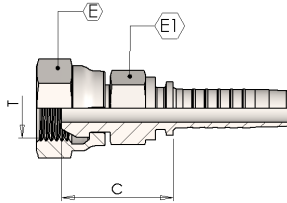
BSP Female 60° Cone

(DKR)

Product number	hose I.D.		Dimension			
	in	mm	dash size	Thread T	hex E	Cut-off C
0051-03-02	3/16	4.8	03	1/8-28	14	15
0058-03-04	3/16	4.8	03	1/4-19	19	17
0051-04-02	1/4	6.4	04	1/8-28	14	15
0058-04-04	1/4	6.4	04	1/4-19	19	21
0058-04-06	1/4	6.4	04	3/8-19	22	21
0051-05-04	5/16	9.5	05	1/4-19	19	19
0058-05-06	5/16	7.9	05	3/8-19	22	21
0058-05-08	5/16	7.9	05	1/2-14	27	22
0051-06-04	3/8	9.5	06	1/4-19	19	17
0058-06-06	3/8	9.5	06	3/8-19	22	21
0058-06-08	3/8	9.5	06	1/2-14	27	23
0051-08-06	1/2	12.7	08	3/8-19	22	20
0058-08-08	1/2	12.7	08	1/2-14	27	23
0051-08-10	1/2	12.7	08	5/8-14	30	20
0051-08-12	1/2	12.7	08	3/4-14	32	27
0051-10-08	5/8	15.9	10	1/2-14	27	23
0051-10-10	5/8	15.9	10	5/8-14	30	20
0051-10-12	5/8	15.9	10	3/4-14	32	25
0051-12-08	3/4	19	12	1/2-14	27	24
0051-12-12	3/4	19	12	3/4-14	32	25
0051-12-16	3/4	19	12	1-11	38	26
0051-16-12	1	25.4	16	3/4-14	32	27
0051-16-16	1	25.4	16	1-11	38	27
0050-16-20	1	25.4	16	1.1/4-11	50	30
0050-20-20	1.1/4	31.8	20	1.1/4-11	50	32
0050-20-24	1.1/4	31.8	20	1.1/2-11	55	34
0050-24-24	1.1/2	38.1	24	1.1/2-11	55	34
0050-24-32	1.1/2	38.1	24	2-11	70	34
0050-32-32	2	50.8	32	2-11	70	31
0050-40-40	2.1/2	63.5	40	2.1/2-11	85	41
0050-48-48	3	76.2	25.8	3-11	100	45

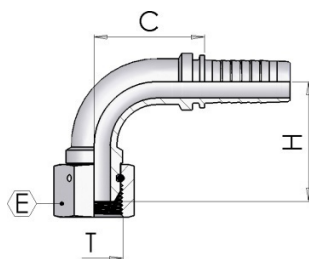
0051D

BSP Female 60° Cone - Double Hexagon

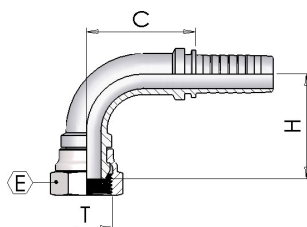


Product number	hose I.D.		Dimension				
	in	mm	dash size	T	E	E1	C
0051D04-04	1/4	6,4	04	1/4-19	19	14	22
0051D06-06	3/8	9.5	06	3/8-19	22	17	28
0051D08-08	1/2	12.7	08	1/2-14	27	22	30
0051D12-12	3/4	19	12	3/4-14	32	27	35

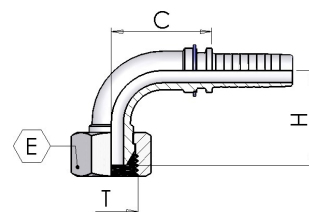
0150



0151



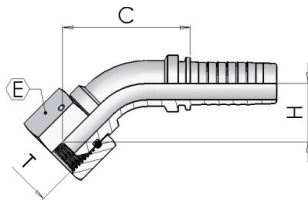
0158



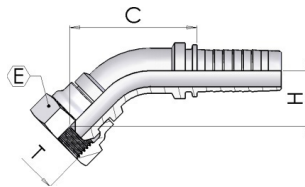
BSP 90° Swept elbow 60° cone

Product number	hose I.D.	I.D.	Dimension				
	in	mm	dash size	T	E	H	Cut-off C
0151-03-02	3/16	4.8	03	1/8-28	14	23	23
0151-03-04	3/16	4.8	03	1/4-19	19	25	25
0151-04-02	1/4	6.4	04	1/8-28	14	25	25
0158-04-04	1/4	6.4	04	1/4-19	19	21	27
0158-04-06	1/4	6.4	04	3/8-19	22	24	27
0151-05-04	5/16	7.9	05	1/4-19	19	31	31
0158-05-06	5/16	7.9	05	3/8-19	22	29	31
0151-06-04	3/8	9.5	06	1/4-19	19	33	31
0158-06-06	3/8	9.5	06	3/8-19	22	29	33
0158-06-08	3/8	9.5	06	1/2-14	27	31	36
0151-08-06	1/2	12.7	08	3/8-19	22	42	39
0158-08-08	1/2	12.7	08	1/2-14	27	37.5	38.5
0151-08-10	1/2	12.7	08	5/8-14	30	41	40
0151-08-12	1/2	12.7	08	3/4-14	32	46	41
0151-10-10	5/8	15.9	10	5/8-14	30	43	43
0151-10-12	5/8	15.9	10	3/4-14	32	50	45
0151-12-12	3/4	19	12	3/4-14	32	57	56
0151-12-16	3/4	19	12	1-11	38	56	56
0151-16-16	1	25.4	16	1-11	38	67	70
0150-20-20	1.1/4	31.8	20	1.1/4-11	50	84	83
0150-24-24	1.1/2	38.1	24	1.1/2-11	55	95	103
0150-32-32	2	50.8	32	2-11	70	124	133

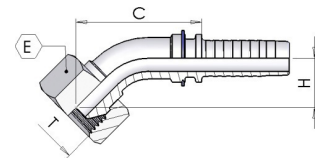
0250



0251



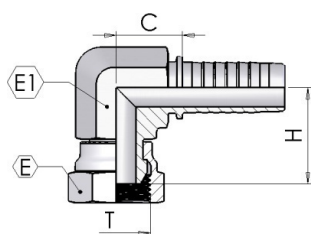
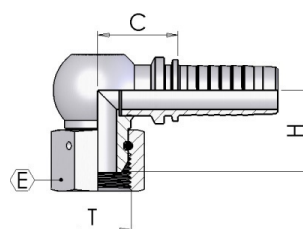
0258



BSP 45° Swept Elbow 60° Cone

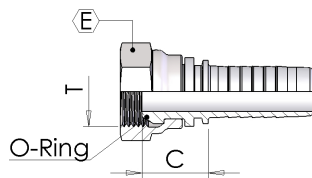
(DKR-45°)

Product number	hose I.D.		Dimension				
	in	mm	dash size	T	E	H	C
0251-03-02	3/16	4.8	03	1/8-28	14	15	33
0251-04-02	1/4	6.4	04	1/8-28	14	14	40
0258-04-04	1/4	6.4	04	1/4-19	19	14	39
0258-04-06	1/4	6.4	04	3/8-19	22	16	41
0251-05-04	5/16	7.9	05	1/4-19	19	16	47
0251-06-04	3/8	9.5	06	1/4-19	19	19	50
0258-06-06	3/8	9.5	06	3/8-19	22	17	47
0258-06-08	3/8	9.5	06	1/2-14	27	16	52
0251-08-06	1/2	12.7	08	3/8-19	22	22	63
0258-08-08	1/2	12.7	08	1/2-14	27	19	61
0251-08-10	1/2	12.7	08	5/8-14	30	21	64
0251-08-12	1/2	12.7	08	3/4-14	32	26	67
0251-10-08	5/8	15.9	10	1/2-14	27	24	68
0251-10-10	5/8	15.9	10	5/8-14	30	23	68
0251-10-12	5/8	15.9	10	3/4-14	32	27	72
0251-12-12	3/4	19	12	3/4-14	32	28	88
0251-12-16	3/4	19	12	1-11	38	32	88
0251-16-16	1	25.4	16	1-11	38	30	88
0250-20-20	1.1/4	31.8	20	1.1/4-11	50	40	107
0250-24-24	1.1/2	38.1	24	1.1/2-11	55	51	117
0250-32-32	2	50.8	32	2-11	70	59	146

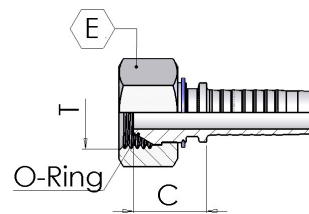
2321**2300****BSP 90° Compact Elbow 60° Cone**

Product number	hose I.D.		Dimension					
	in	mm	dash size	T	E	E1	H	C
2321-03-02	3/16	4.8	03	1/8-28	14	12	18	17
2321-03-04	3/16	4.8	03	1/4-19	19	14	20	17
2321-04-04	1/4	6.4	04	1/4-19	19	15	20	19
2321-04-06	1/4	6.4	04	3/8-19	22	17	29	24
2321-05-06	5/16	7.9	05	3/8-19	22	17	23	24
2321-06-06	3/8	9.5	06	3/8-19	22	17	23	23
2321-06-08	3/8	9.5	06	1/2-14	27	19	26	28
2321-08-08	1/2	12.7	08	1/2-14	27	22	27	26
2321-10-10	5/8	15.9	10	5/8-14	30	24	28	29
2321-12-12	3/4	19	12	3/4-14	32	27	32	32
2321-16-16	1	25.4	16	1-11	38	32	36	38
2300-20-20	1.1/4	31.8	20	1.1/4-11	50	-	46	47

0041



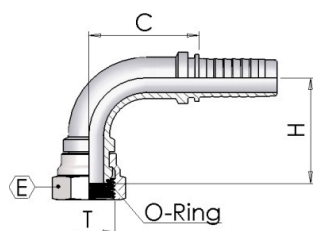
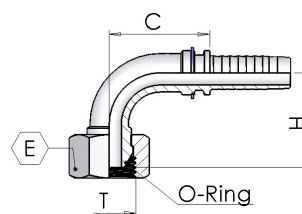
0048



BSP O'Ring Female 60° Cone

(DKR-OR)

Product number	hose I.D.		Dimension			
	in	mm	dash size	Thread T	hex E	Cut-off C
0048-04-04	1/4	6.4	04	1/4-19	19	22
0048-04-06	1/4	6.4	04	3/8-19	22	20
0048-06-06	3/8	9.5	06	3/8-19	22	20
0048-06-08	3/8	9.5	06	1/2-14	27	23
0048-08-08	1/2	12.7	08	1/2-14	27	23
0041-10-10	5/8	15.9	10	5/8-14	30	21
0041-12-12	3/4	19	12	3/4-14	32	26
0041-16-16	1	25.4	16	1-11	38	28

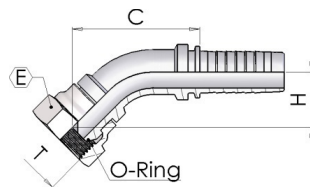
0141**0148**

BSP O'Ring 90° Swept elbow 60° cone

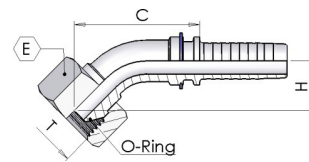
(DKR-OR 90°)

Product number	hose I.D.		Dimension				
	in	mm	dash size	T	E	H	C
0148-04-04	1/4	6.4	04	1/4-19	19	22	27
0148-04-06	1/4	6.4	04	3/8-19	22	23	27
0148-06-06	3/8	9.5	06	3/8-19	22	23	27
0148-06-08	3/8	9.5	06	1/2-14	27	30	33
0148-08-08	1/2	12.7	08	1/2-14	27	35	42
0141-10-10	5/8	15.9	10	5/8-14	30	54	37
0141-12-12	3/4	19	12	3/4-14	32	58	56
0141-16-16	1	25.4	16	1-11	38	67	70

0241



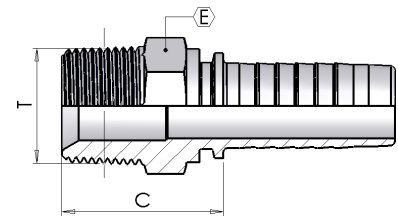
0248



BSP O'Ring 45° Swept Elbow 60° Cone

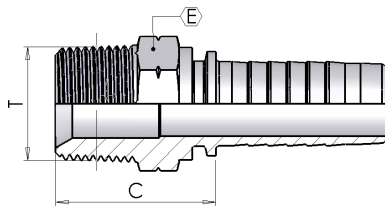
(DKR-OR 45°)

Product number	hose I.D.		Dimension				
	in	mm	dash size	T	E	H	C
0248-04-04	1/4	6.4	04	1/4-19	19	15	41
0248-06-06	3/8	9.5	06	3/8-19	22	15	47
0248-08-08	1/2	12.7	08	1/2-14	27	19	61
0241-12-12	3/4	19	12	3/4-14	32	28	88
0241-16-16	1	25.4	16	1-11	38	32	114

0360**BSP Taper Male 60° cone****(AGR-K)**

Product number	hose I.D.	I.D.	Dimension			
	in	mm	dash size	T	E	Cut-off C
0360-03-02	3/16	4.8	03	1/8-28	12	21
0360-03-04	3/16	4.8	03	1/4-19	15	27
0360-04-02	1/4	6.4	04	1/8-28	12	22
0360-04-04	1/4	6.4	04	1/4-19	15	28
0360-04-06	1/4	6.4	04	3/8-19	19	28
0360-05-04	5/16	7.9	05	1/4-19	15	28
0360-05-06	5/16	7.9	05	3/8-19	19	28
0360-06-04	3/8	9.5	06	1/4-19	17	28
0360-06-06	3/8	9.5	06	3/8-19	19	28
0360-06-08	3/8	9.5	06	1/2-14	22	33
0360-08-06	1/2	12.7	08	3/8-19	19	29
0360-08-08	1/2	12.7	08	1/2-14	22	34
0360-08-12	1/2	12.7	08	3/4-14	27	36
0360-12-12	3/4	19	12	3/4-14	27	37
0360-12-16	3/4	19	12	1-11	36	43
0360-16-16	1	25.4	16	1-11	36	44
0360-20-20	1.1/4	31.8	20	1.1/4-11	46	47
0360-24-24	1.1/2	38.1	24	1.1/2-11	50	49
0360-32-32	2	50.8	32	2-11	65	55

0370



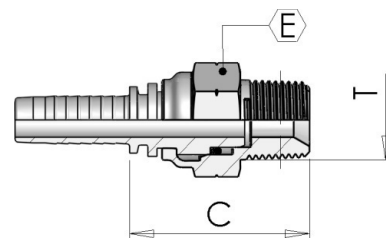
NPTF Male 60° cone

(AGN)

Product number	hose I.D.	I.D.	Dimension			
	in	mm	dash size	Cut-off C	T	E
0370-03-02	3/16	4.8	03	22	1/8-27	12
0370-03-04	3/16	4.8	03	27	1/4-18	15
0370-04-02	1/4	6.4	04	22	1/8-27	12
0370-04-04	1/4	6.4	04	28	1/4-18	15
0370-04-06	1/4	6.4	04	28	3/8-18	19
0370-05-04	5/16	7.9	05	28	1/4-18	15
0370-05-06	5/16	7.9	05	28	3/8-18	19
0370-06-04	3/8	9.5	06	28	1/4-18	17
0370-06-06	3/8	9.5	06	28	3/8-18	19
0370-06-08	3/8	9.5	06	34	1/2-14	22
0370-08-06	1/2	12.7	08	29	3/8-18	19
0370-08-08	1/2	12.7	08	35	1/2-14	22
0370-08-12	1/2	12.7	08	36	3/4-14	27
0370-10-08	5/8	15.9	10	35	1/2-14	24
0370-10-12	5/8	15.9	10	36	3/4-14	27
0370-12-08	3/4	19	12	36	1/2-14	24
0370-12-12	3/4	19	12	37	3/4-14	27
0370-12-16	3/4	19	12	43	1-11.1/2	36
0370-16-16	1	25.4	16	44	1-11.1/2	36
0370-20-20	1.1/4	31.8	20	47	1.1/4-11.1/2	46
0370-24-24	1.1/2	38.1	24	49	1.1/2-11.1/2	50
0370-32-32	2	50.8	32	55	2-11.1/2	65
0370-40-40	2.1/2	63.5	40	55	2.1/2-8	80
0370-48-48	3	76.2	48	58	3-8	90

037G

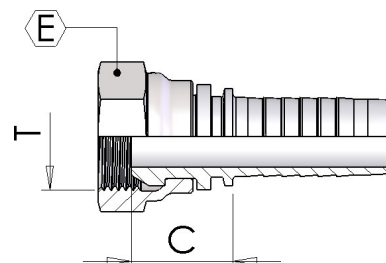
**NPTF Male Parallel 60° Cone -
Rotating
(AGN-RO)**



Product number	hose I.D.	I.D.	Dimension			
	in	mm	dash size	T	E	Cut-off C
037G-04-04	1/4	6.4	04	1/4-18	19	39
037G-06-06	3/8	9.5	06	3/8-18	22	43
037G-08-08	1/2	12.7	08	1/2-14	27	49
037G-12-12	3/4	19	12	3/4-14	32	52

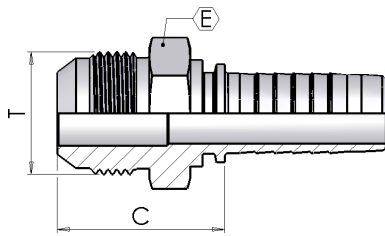
N051

**NPSM Female 60° Cone Rolled Nut
(DKN)**



Product number	hose I.D.	I.D.	Dimension			
	in	mm	dash size	T	E	Cut-off C
N051-03-04	3/16	4.8	03	1/4-18	19	17
N051-04-04	1/4	6.4	04	1/4-18	19	17
N051-06-06	3/8	9.5	06	3/8-18	22	19
N051-08-08	1/2	12.7	08	1/2-14	27	23
N051-12-12	3/4	19.1	12	3/4-14	32	25
N051-16-16	1	25.4	16	1-11	38	27

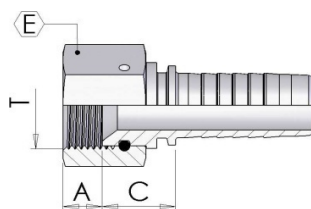
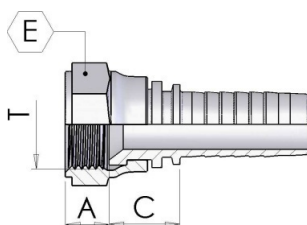
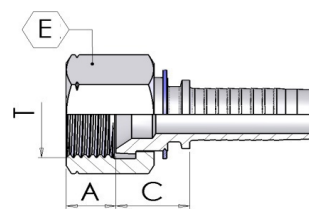
0850



JIC Male 74° cone

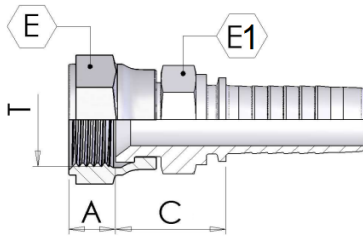
(AGJ)

Product number	hose I.D.	I.D.	Dimension			
	in	mm	dash size	T	E	Cut-off C
0850-03-04	3/16	4.8	03	7/16-20	12	26
0850-04-04	1/4	6.4	04	7/16-20	12	27
0850-04-05	1/4	6.4	04	1/2-20	14	27
0850-04-06	1/4	6.4	04	9/16-18	15	27
0850-05-05	5/16	7.9	05	1/2-20	14	27
0850-05-06	5/16	7.9	05	9/16-18	15	27
0850-05-08	5/16	7.9	05	3/4-16	19	30
0850-06-06	3/8	9.5	06	9/16-18	15	27
0850-06-07	3/8	9.5	06	5/8-18	17	30
0850-06-08	3/8	9.5	06	3/4-16	19	30
0850-06-10	3/8	9.5	06	7/8-14	24	34
0850-08-08	1/2	12.7	08	3/4-16	19	31
0850-08-10	1/2	12.7	08	7/8-14	24	35
0850-08-12	1/2	12.7	08	1.1/16-12	27	37
0850-10-10	5/8	15.9	10	7/8-14	24	35
0850-10-12	5/8	15.9	10	1.1/16-12	27	37
0850-12-10	3/4	19	12	7/8-14	24	36
0850-12-12	3/4	19	12	1.1/16-12	27	38
0850-12-14	3/4	19	12	1.3/16-12	32	41
0850-12-16	3/4	19	12	1.5/16-12	34	42
0850-16-12	1	25.4	16	1.1/16-12	27	39
0850-16-16	1	25.4	16	1.5/16-12	34	43
0850-16-20	1	25.4	16	1.5/8-12	42	46
0850-20-20	1.1/4	31.8	20	1.5/8-12	42	47
0850-20-24	1.1/4	31.8	20	1.7/8-12	50	52
0850-24-24	1.1/2	38.1	24	1.7/8-12	50	52
0850-32-32	2	50.8	32	2.1/2-12	65	62

0900**0901****0902****JIC Female 74°****(DKJ)**

Product number	hose I.D.	I.D.	Dimension				
			dash size	T	E	Cut-off C	A
0901-03-04	3/16	4.8	03	7/16-20	15	14	8.5
0901-03-05	3/16	4.8	03	1/2-20	17	14	9.5
0901-04-04	1/4	6.4	04	7/16-20	15	14	8.5
0902-04-05	1/4	6.4	04	1/2-20	17	17	9.5
0902-04-06	1/4	6.4	04	9/16-18	19	17	9
0901-04-07	1/4	6.4	04	5/8-18	22	17	11
0901-05-05	5/16	7.9	05	1/2-20	17	17	9.5
0901-05-07	5/16	7.9	05	5/8-18	22	17	11
0901-06-04	3/8	9.5	06	7/16-20	15	15	9
0901-06-05	3/8	9.5	06	1/2-20	17	15	9.5
0901-06-06	3/8	9.5	06	9/16-18	19	16	9
0901-06-07	3/8	9.5	06	5/8-18	22	16	11
0902-06-08	3/8	9.5	06	3/4-16	22	18	10.5
0901-08-08	1/2	12.7	08	3/4-16	24	18	10.5
0902-08-10	1/2	12.7	08	7/8-14	27	20	13
0901-10-10	5/8	15.9	10	7/8-14	27	20	13
0902-10-12	5/8	15.9	10	1.1/16-12	32	20	13.5
0901-12-10	3/4	19	12	7/8-14	27	20	13
0902-12-12	3/4	19	12	1.1/16-12	32	22	13.5
0901-12-14	3/4	19	12	1.3/16-12	36	23	14
0901-12-16	3/4	19	12	1.5/16-12	38	23	15.5
0901-16-12	1	25.4	12	1.1/16-12	32	23	13.5
0901-16-16	1	25.4	16	1.5/16-12	38	24	15.5
0900-16-20	1	25.4	16	1.5/8-12	50	27	16.5
0900-20-20	1.1/4	31.8	20	1.5/8-12	50	28	16.5
0900-20-24	1.1/4	31.8	20	1.7/8-12	55	31	19
0900-24-24	1.1/2	38.1	24	1.7/8-12	55	31	19
0900-32-32	2	50.8	32	2.1/2-12	70	31	20

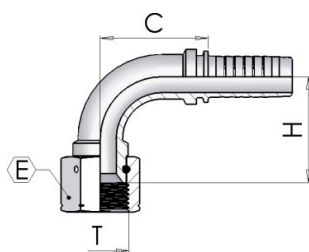
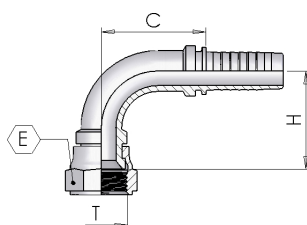
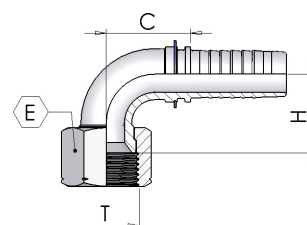
0901D



JIC Female 74° Cone- Double Hexagon

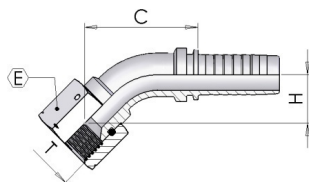
(DKJ)

Product number	hose I.D.		Dimension					
	in	mm	dash size	T	E	E1	C	A
0901D04-04	1/4	6.4	04	7/16-20	15	12	20	8.5
0901D04-05	1/4	6.4	04	1/2-20	17	14	20	9.5
0901D04-06	1/4	6.4	04	9/16-18	19	14	22	9
0901D06-06	3/8	9.5	06	9/16-18	19	17	24	9
0901D06-08	3/8	9.5	06	3/4-16	24	19	26	10.5
0901D08-08	1/2	12.7	08	3/4-16	24	22	26	10.5
0901D08-10	1/2	12.7	08	7/8-14	27	22	27	13
0901D10-10	5/8	15.9	10	7/8-14	27	22	26	13
0901D10-12	5/8	15.9	10	1.1/16-12	32	27	27	13.5
0901D12-12	3/4	19	12	1.1/16-12	32	27	32	13.5
0901D16-16	1	25.4	16	1.5/16-12	38	36	33	15.5

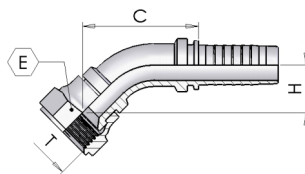
0950**0951****0952****JIC 90° Swept Elbow 74° cone**

Product number	hose I.D.		Dimension				
	in	mm	dash size	T	E	H	C
0951-03-04	3/16	4.8	03	7/16-20	15	22	22
0951-03-05	3/16	4.8	03	1/2-20	17	22	22
0951-04-04	1/4	6.4	04	7/16-20	15	22	22
0952-04-05	1/4	6.4	04	1/2-20	17	21	27
0952-04-06	1/4	6.4	04	9/16-18	19	21	26
0951-05-05	5/16	7.9	05	1/2-20	17	30	29
0951-05-06	5/16	7.9	05	9/16-18	19	31	29
0951-06-05	3/8	9.5	06	1/2-20	17	33	30
0951-06-06	3/8	9.5	06	9/16-18	19	32	31
0951-06-07	3/8	9.5	06	5/8-18	22	32	33
0952-06-08	3/8	9.5	06	3/4-16	22	34	41
0951-06-10	3/8	9.5	06	7/8-14	27	36	33
0951-08-08	1/2	12.7	08	3/4-16	24	41	41
0952-08-10	1/2	12.7	08	7/8-14	27	34	41
0951-08-12	1/2	12.7	08	1.1/16-12	32	43	42
0951-10-10	5/8	15.9	10	7/8-14	27	44	43
0951-12-10	3/4	19	12	7/8-14	27	53	56
0952-10-12	5/8	15.9	10	1.1/16-12	32	37	47
0952-12-12	3/4	19	12	1.1/16-12	32	45	58
0951-12-14	3/4	19	12	1.3/16-12	36	53	56
0951-12-16	3/4	19	12	1.5/16-12	38	55	60
0951-16-12	1	25.4	16	1.1/16-12	38	55	60
0951-16-16	1	25.4	16	1.5/16-12	32	63	70
0950-20-20	1.1/4	31.8	20	1.5/8-12	50	85	82
0950-24-24	1.1/2	38.1	24	1.7/8-12	55	97	104
0950-32-32	2	50.8	32	2.1/2-12	70	134	124

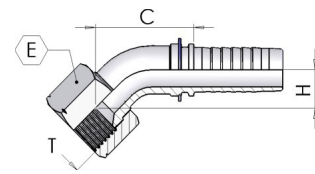
1000



1001



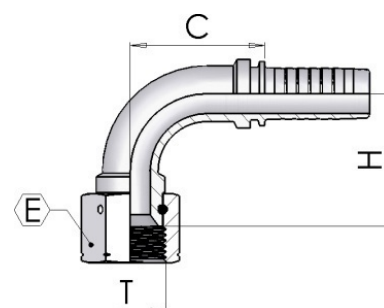
1002



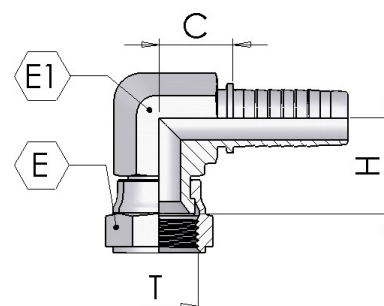
JIC 45° Swept Elbow 74°

(DKJ-45°)

Product number	hose I.D.		Dimension				
	in	mm	dash size	T	E	H	C
1001-03-04	3/16	4.8	03	7/16-20	15	15	33
1001-04-04	1/4	6.4	04	7/16-20	15	13	38
1002-04-05	1/4	6.4	04	1/2-20	17	11	38
1002-04-06	1/4	6.4	04	9/16-18	19	11	38
1001-05-05	5/16	7.9	05	1/2-20	17	17	46
1001-05-06	5/16	7.9	05	9/16-18	19	18	47
1001-06-05	3/8	9.5	06	1/2-20	17	18	49
1001-06-06	3/8	9.5	06	9/16-18	19	17	51
1002-06-08	3/8	9.5	06	3/4-16	22	13	48
1001-06-10	3/8	9.5	06	7/8-14	27	21	54
1001-08-08	1/2	12.7	08	3/4-16	24	22	62
1002-08-10	1/2	12.7	08	7/8-14	27	16	58
1001-08-12	1/2	12.7	08	1.1/16-12	32	25	68
1001-10-10	5/8	15.9	10	7/8-14	27	24	68
1002-10-12	5/8	15.9	10	1.1/16-12	32	18	66
1002-12-12	3/4	19	12	1.1/16-12	32	21	81
1001-12-14	3/4	19	12	1.3/16-12	36	29	84
1001-12-16	3/4	19	12	1.5/16-12	38	28	88
1001-16-16	1	25.4	16	1.5/16-12	38	29	83
1000-20-20	1.1/4	31.8	20	1.5/8-12	50	42	108
1000-24-24	1.1/2	38.1	24	1.7/8-12	55	49	156
1000-32-32	2	50.8	32	2.1/2-12	70	65	142

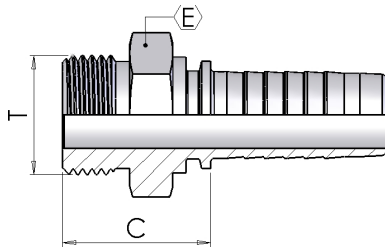
095S**JIC 90° Swept Elbow 74° cone - ISO
SHORT**

Product number	hose I.D.		Dimension				
	in	mm	dash size	T	E	H	C
095S-04-04	1/4	6.4	04	7/16-20	15	22	25
095S-06-06	3/8	9.5	06	9/16-18	19	23	31
095S-08-08	1/2	12.7	08	3/4-16	24	29	41
095S-10-10	5/8	15.9	10	7/8-14	27	32	43
095S-12-12	3/4	19	12	1.1/16-12	32	48	56
095S-16-16	1	25.4	16	1.5/16-12	41	57	70

2971**JIC 90° Compact Elbow 74° cone -
Crimped Nut
(DKJ-90°K)**

Product number	hose I.D.		Dimension					
	in	mm	dash size	T	E	E1	H	C
2971-04-04	1/4	6.4	04	7/16-20	15	15	17	19
2971-04-05	1/4	6.4	04	1/2-20	17	15	18	19
2971-04-06	1/4	6.4	04	9/16-18	19	15	19	19
2971-05-06	5/16	7.9	05	9/16-18	19	17	20	20
2971-06-06	3/8	9.5	06	9/16-18	19	17	20	23
2971-06-08	3/8	9.5	06	3/4-16	24	19	22	24
2971-08-08	1/2	12.7	08	3/4-16	24	22	22.5	26.5
2971-08-10	1/2	12.7	08	7/8-14	27	22	23.5	26.5
2971-12-12	3/4	19.1	12	1.1/16-12	32	27	28.5	31.5
2971-16-16	1	25.4	16	1.5/16-12	38	32	33.5	37.5

0385



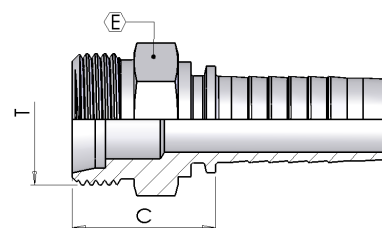
SAE Male O'R Flat Seat

(SAE-OR)

Product number	hose I.D.	I.D.	Dimension			
	in	mm	dash size	T	E	Cut-off C
0385-04-04	1/4	6.4	04	7/16-20	14	24
0385-04-06	1/4	6.4	04	9/16-18	17	24
0385-05-06	5/16	7.9	05	9/16-18	17	24
0385-06-06	3/8	9.5	06	9/16-18	17	25
0385-06-08	3/8	9.5	06	3/4-16	22	28
0385-08-08	1/2	12.7	08	3/4-16	22	28
0385-08-10	1/2	12.7	08	7/8-14	27	30
0385-08-12	1/2	12.7	08	1.1/16-12	32	32
0385-10-10	5/8	15.9	10	7/8-14	27	30
0385-10-12	5/8	15.9	10	1.1/16-12	32	32
0385-12-12	3/4	19	12	1.1/16-12	32	33

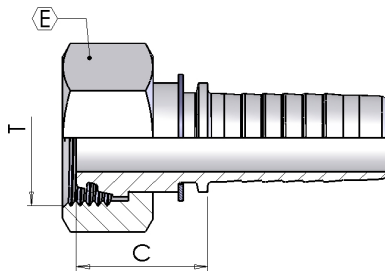
Metric Male 24° Seat Light

(CEL)



Product number	hose I.D.	Dimension					I.D.
	in	dash size	mm	T	erm.	E	Cut-off C
0500-03-12	3/16	03	4.8	M12-1.5	6	14	22
0500-03-14	3/16	03	4.8	M14-1.5	8	14	22
0500-04-12	1/4	04	6.4	M12-1.5	6	14	23
0500-04-14	1/4	04	6.4	M14-1.5	8	14	22
0500-04-16	1/4	04	6.4	M16-1.5	10	17	23
0500-04-18	1/4	04	6.4	M18-1.5	12	19	24
0500-05-14	5/16	05	7.9	M14-1.5	8	14	22
0500-05-16	5/16	05	7.9	M16-1.5	10	17	23
0500-05-18	5/16	05	7.9	M18-1.5	12	19	24
0500-05-22	5/16	05	7.9	M22-1.5	15	22	25
0500-06-16	3/8	06	9.5	M16-1.5	10	17	23
0500-06-18	3/8	06	9.5	M18-1.5	12	19	24
0500-06-22	3/8	06	9.5	M22-1.5	15	22	25
0500-08-18	1/2	08	12.7	M18-1.5	12	19	25
0500-08-22	1/2	08	12.7	M22-1.5	15	22	26
0500-08-26	1/2	08	12.7	M26-1.5	18	27	27
0500-10-22	5/8	10	15.9	M22-1.5	15	22	26
0500-10-26	5/8	10	15.9	M26-1.5	18	27	27
0500-10-30	5/8	10	15.9	M30-2	22	30	32
0500-12-26	3/4	12	19	M26-1.5	18	27	28
0500-12-30	3/4	12	19	M30-2	22	30	33
0500-16-36	1	16	25.4	M36-2	28	36	32
0500-20-45	1.1/4	20	31.8	M45-2	35	46	36
0500-24-52	1.1/2	24	38.1	M52-2	42	55	38

0085



Metric Female 24° Seat Light

(DKOL)

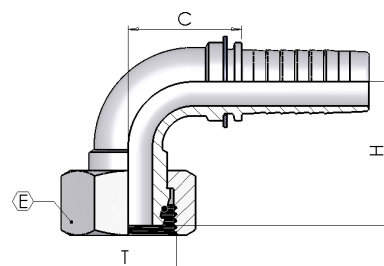
Product number	hose I.D.	Dimension					I.D.
	in	dash size	mm	T	erm.	E	Cut-off C
0085-03-12	3/16	03	4.8	M12-1.5	6	14	23
0085-03-14	3/16	03	4.8	M14-1.5	8	17	24
0085-04-12*	1/4	04	6.4	M12-1.5	6	14	25
0085-04-14	1/4	04	6.4	M14-1.5	8	17	24
0085-04-16	1/4	04	6.4	M16-1.5	10	19	24
0085-04-18	1/4	04	6.4	M18-1.5	12	22	25
0085-05-14*	5/16	05	7.9	M14-1.5	8	17	26
0085-05-16	5/16	05	7.9	M16-1.5	10	19	24
0085-05-18	5/16	05	7.9	M18-1.5	12	22	25
0085-06-16*	3/8	06	9.5	M16-1.5	10	19	25
0085-06-18	3/8	06	9.5	M18-1.5	12	22	25
0085-06-22	3/8	06	9.5	M22-1.5	15	27	29
0085-08-18*	1/2	08	12.7	M18-1.5	12	22	28
0085-08-22	1/2	08	12.7	M22-1.5	15	27	29
0085-08-26	1/2	08	12.7	M26-1.5	18	32	29
0085-10-22*	5/8	10	15.9	M22-1.5	15	27	31
0085-10-26	5/8	10	15.9	M26-1.5	18	32	29
0085-10-30	5/8	10	15.9	M30-2	22	36	29
0085-12-26*	3/4	12	19	M26-1.5	18	32	35
0085-12-30	3/4	12	19	M30-2	22	36	29
0085-12-36	3/4	12	19	M36-2	28	41	28
0085-16-36	1	16	25.4	M36-2	28	41	30
0085-20-45	1.1/4	20	31.8	M45-2	35	50	40
0085-20-52	1.1/4	20	31.8	M52-2	42	60	43
0085-24-52	1.1/2	24	38.1	M52-2	42	60	41

*Rolled Nut

0185

90° Metric Swept Elbow 24° Seat Light

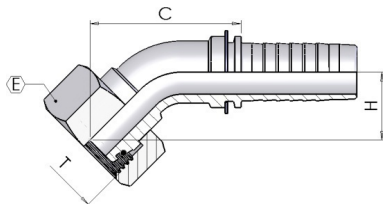
(DKOL-90°)



Product number	hose I.D.	I.D.	Dimension					
	in	mm	dash size	T	erm.	E	H	Cut-off C
0185-03-12	3/16	4.8	03	M12-1.5	6	14	23	22
0185-03-14	3/16	4.8	03	M14-1.5	8	17	24	23
0185-04-12*	1/4	6.4	04	M12-1.5	6	14	34	26
0185-04-14	1/4	6.4	04	M14-1.5	8	17	26	26
0185-04-16	1/4	6.4	04	M16-1.5	10	19	27	25
0185-04-18	1/4	6.4	04	M18-1.5	12	22	30	27
0185-05-14*	5/16	7.9	05	M14-1.5	8	19	38	30
0185-05-16	5/16	7.9	05	M16-1.5	10	19	31	31
0185-05-18	5/16	7.9	05	M18-1.5	12	22	32	31
0185-06-16*	3/8	9.5	06	M16-1.5	10	19	39	32
0185-06-18	3/8	9.5	06	M18-1.5	12	22	35	32
0185-06-22	3/8	9.5	06	M22-1.5	15	27	35	32
0185-08-18*	1/2	9.5	08	M18-1.5	12	24	48	40
0185-08-22	1/2	12.7	08	M22-1.5	15	27	38	41
0185-08-26	1/2	12.7	08	M26-1.5	18	32	39	41
0185-10-22*	5/8	15.9	10	M22-1.5	15	27	55	42
0185-10-26	5/8	15.9	10	M26-1.5	18	32	44	44
0185-12-30	3/4	19	12	M30-2	22	36	52	58
0185-16-36	1	25.4	16	M36-2	28	41	62	72
0185-20-45	1.1/4	31.8	20	M45-2	35	50	81	84
0185-24-52	1.1/2	38.1	24	M52-2	42	60	93	102

*Rolled Nut

0285

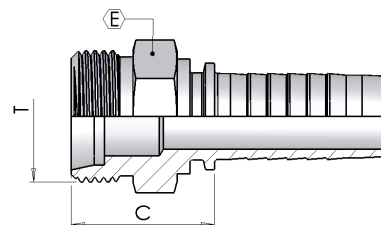


45° Metric Swept Elbow 24° Seat Light

(DKOL-45°)

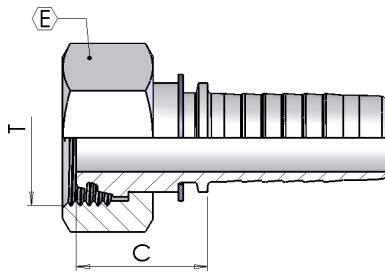
Product number	hose I.D.	I.D.	Dimension					
	in	mm	dash size	T	erm.	E	H	Cut-off C
0285-03-12	3/16	4.8	03	M12-1.5	6	14	14	36
0285-04-12*	1/4	6.4	04	M12-1.5	6	14	21	46
0285-04-14	1/4	6.4	04	M14-1.5	8	17	14	42
0285-04-16	1/4	6.4	04	M16-1.5	10	19	15	42
0285-04-18	1/4	6.4	04	M18-1.5	12	22	16	43
0285-05-16	5/16	7.9	05	M16-1.5	10	19	17	48
0285-05-18	5/16	7.9	05	M18-1.5	12	22	18	48
0285-06-16*	3/8	9.5	06	M16-1.5	10	19	22	55
0285-06-18	3/8	9.5	06	M18-1.5	12	22	19	52
0285-06-22	3/8	9.5	06	M22-1.5	15	27	19	51
0285-08-22	1/2	12.7	08	M22-1.5	15	27	21	63
0285-08-26	1/2	12.7	08	M26-1.5	18	32	22	63
0285-10-22*	5/8	15.9	10	M22-1.5	15	27	32	75
0285-10-26	5/8	15.9	10	M26-1.5	18	32	23	68
0285-12-30	3/4	19	12	M30-2	22	36	25	86
0285-16-36	1	25.4	16	M36-2	28	41	29	81
0285-20-45	1.1/4	31.8	20	M45-2	35	50	32	106
0285-24-52	1.1/2	38.1	24	M52-2	42	60	43	119

*Rolled Nut

Metric Male 24° Seat Heavy**(CES)**

Product number	hose I.D.	I.D.	Dimension				
	in	mm	dash size	T	erm.	E	Cut-off C
0450-03-16	3/16	4.8	03	M16-1.5	8	17	26
0450-04-14	1/4	6.4	04	M14-1.5	6	14	25
0450-04-16	1/4	6.4	04	M16-1.5	8	17	27
0450-04-18	1/4	6.4	04	M18-1.5	10	19	27
0450-04-20	1/4	6.4	04	M20-1.5	12	22	27
0450-05-18	5/16	7.9	05	M18-1.5	10	19	27
0450-05-20	5/16	7.9	05	M20-1.5	12	22	29
0450-06-18	3/8	9.5	06	M18-1.5	10	19	27
0450-06-20	3/8	9.5	06	M20-1.5	12	22	29
0450-06-22	3/8	9.5	06	M22-1.5	14	22	31
0450-06-24	3/8	9.5	06	M24-1.5	16	24	31
0450-08-20	1/2	12.7	08	M20-1.5	12	22	29
0450-08-22	1/2	12.7	08	M22-1.5	14	22	31
0450-08-24	1/2	12.7	08	M24-1.5	16	24	32
0450-08-30	1/2	12.7	08	M30-2	20	30	33
0450-10-30	5/8	15.9	10	M30-2	20	30	34
0450-12-30	3/4	19	12	M30-2	20	30	35
0450-12-36	3/4	19	12	M36-2	25	36	38
0450-16-36	1	25.4	16	M36-2	25	36	39
0450-16-42	1	25.4	16	M42-2	30	46	42
0450-20-42	1.1/4	31.8	20	M42-2	30	46	43
0450-20-52	1.1/4	31.8	20	M52-2	38	55	45
0450-24-52	1.1/2	38.1	24	M52-2	38	55	45

0084



Metric Female 24° Seat Heavy

(DKOS)

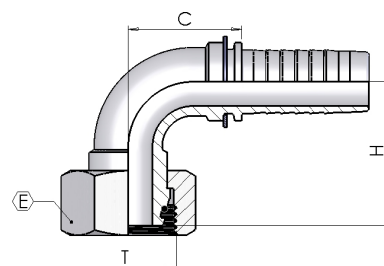
Product number	hose I.D.	I.D.	Dimension				
	in	mm	dash size	T	erm.	E	Cut-off C
0084-03-14	3/16	4.8	03	M14-1.5	6	17	22
0084-03-16	3/16	4.8	03	M16-1.5	8	19	25
0084-04-14	1/4	6.4	04	M14-1.5	6	17	23
0084-04-16	1/4	6.4	04	M16-1.5	8	19	25
0084-04-18	1/4	6.4	04	M18-1.5	10	22	24
0084-04-20	1/4	6.4	04	M20-1.5	12	24	22
0084-05-16	5/16	7.9	05	M16-1.5	8	19	26
0084-05-18	5/16	7.9	05	M18-1.5	10	22	25
0084-05-20	5/16	7.9	05	M20-1.5	12	24	25
0084-06-18	3/8	9.5	06	M18-1.5	10	22	25
0084-06-20	3/8	9.5	06	M20-1.5	12	24	25
0084-06-22	3/8	9.5	06	M22-1.5	14	27	29
0084-06-24	3/8	9.5	06	M24-1.5	16	30	29
0084-08-20*	1/2	12.7	08	M20-1.5	12	27	28
0084-08-22	1/2	12.7	08	M22-1.5	14	27	17
0084-08-24	1/2	12.7	08	M24-1.5	16	30	30
0084-08-30	1/2	12.7	08	M30-2	20	36	33
0084-10-24*	5/8	15.9	10	M24-1.5	16	30	31
0084-10-30	5/8	15.9	10	M30-2	20	36	33
0084-12-30	3/4	19	12	M30-2	20	36	34
0084-12-36	3/4	19	12	M36-2	25	46	40
0084-16-36	1	25.4	16	M36-2	25	46	41
0084-16-42	1	25.4	16	M42-2	30	50	43
0084-20-52	1.1/4	31.8	20	M52-2	38	60	44
0084-24-52	1.1/2	38.1	24	M52-2	38	60	44

*Rolled Nut

0184

90° Metric Swept Elbow 24° Seat Heavy

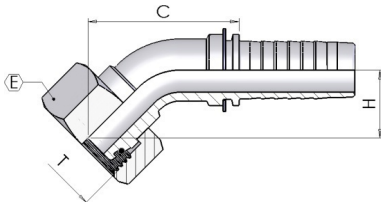
(DKOS-90°)



Product number	hose I.D.	I.D.	Dimension					
	in	mm	dash size	T	erm.	E	H	Cut-off C
0184-03-16	3/16	4.8	03	M16-1.5	8	19	25	22
0184-04-14	1/4	6.4	04	M14-1.5	6	17	26	27
0184-04-16	1/4	6.4	04	M16-1.5	8	19	26	26
0184-04-18	1/4	6.4	04	M18-1.5	10	22	31	27
0184-04-20	1/4	6.4	04	M20-1.5	12	24	30	27
0184-05-18	5/16	7.9	05	M18-1.5	10	22	33	33
0184-05-20	5/16	7.9	05	M20-1.5	12	24	34	30
0184-06-18	3/8	9.5	06	M18-1.5	10	22	35	34
0184-06-20	3/8	9.5	06	M20-1.5	12	24	34	34
0184-06-22	3/8	9.5	06	M22-1.5	14	27	33	33
0184-06-24	3/8	9.5	06	M24-1.5	16	30	35	33
0184-08-20*	1/2	12.7	08	M20-1.5	12	27	48	40
0184-08-22	1/2	12.7	08	M22-1.5	14	27	41	40
0184-08-24	1/2	12.7	08	M24-1.5	16	30	41	40
0184-10-24*	5/8	15.9	10	M24-1.5	16	30	60	42
0184-10-30	5/8	15.9	10	M30-2	20	36	50	46
0184-12-30	3/4	19	12	M30-2	20	36	56	58
0184-12-36	3/4	19	12	M36-2	25	46	57	59
0184-16-36	1	25.4	16	M36-2	25	46	67	77
0184-16-42	1	25.4	16	M42-2	30	50	67	72
0184-20-52	1.1/4	31.8	20	M52-2	38	60	82	84
0184-24-52	1.1/2	38.1	24	M52-2	38	60	105	105

*Rolled Nut

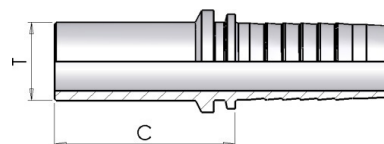
0284



45° Metric Swept Elbow 24° Seat Heavy

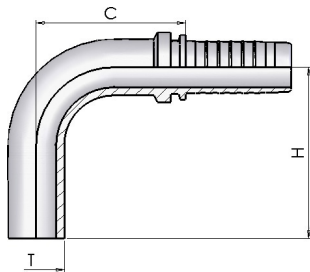
(DKOS-45°)

Product number	hose I.D.		I.D.	Dimension				
	in	mm		dash size	T	erm.	E	H
0284-03-16	3/16	4.8	03	M16-1.5	8	19	16	36
0284-04-14	1/4	6.4	04	M14-1.5	6	17	15	37
0284-04-16	1/4	6.4	04	M16-1.5	8	19	15	42
0284-04-18	1/4	6.4	04	M18-1.5	10	22	18	45
0284-05-20	5/16	7.9	05	M20-1.5	12	24	19	49
0284-06-18	3/8	9.5	06	M18-1.5	10	22	19	51
0284-06-20	3/8	9.5	06	M20-1.5	12	24	18	53
0284-06-22	3/8	9.5	06	M22-1.5	14	27	20	54
0284-08-24	1/2	12.7	08	M24-1.5	16	30	21	63
0284-10-30	5/8	15.9	10	M30-2	20	36	29	74
0284-12-30	3/4	19	12	M30-2	20	36	30	87
0284-12-36	3/4	19	12	M36-2	25	46	29	56
0284-16-36	1	25.4	16	M36-2	25	46	30	85
0284-16-42	1	25.4	16	M42-2	30	50	30	85
0284-20-52	1.1/4	31.8	20	M52-2	38	60	39	105
0284-24-52	1.1/2	38.1	24	M52-2	38	60	53	129

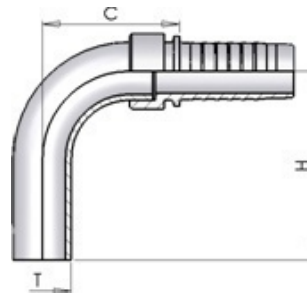
0550**Metric Standpipe****(BEL-BES)**

Product number	hose I.D.		Dimension			
	in	mm	dash size	Pipe T	Type	Cut-off C
0550-03-06	3/16	4.8	03	6	L/S	30
0550-03-08	3/16	4.8	03	8	L/S	29
0550-04-06	1/4	6.4	04	6	L/S	32
0550-04-08	1/4	6.4	04	8	L/S	30
0550-04-10	1/4	6.4	04	10	L/S	33
0550-04-12	1/4	6.4	04	12	L/S	30
0550-05-08	5/16	7.9	05	08	L/S	31
0550-05-10	5/16	7.9	05	10	L/S	31
0550-05-12	5/16	7.9	05	12	L/S	33
0550-06-08	3/8	9.5	06	08	L/S	33
0550-06-10	3/8	9.5	06	10	L/S	33
0550-06-12	3/8	9.5	06	12	L/S	32
0550-06-14	3/8	9.5	06	14	S	37
0550-06-15	3/8	9.5	06	15	L	32
0550-08-12	1/2	12.7	08	12	L/S	36
0550-08-14	1/2	12.7	08	14	S	39
0550-08-15	1/2	12.7	08	15	L	34
0550-08-16	1/2	12.7	08	16	S	39
0550-08-18	1/2	12.7	08	18	L	35
0550-08-20	1/2	12.7	08	20	S	45
0550-10-18	5/8	15.9	10	18	L	35
0550-10-20	5/8	15.9	10	20	S	45
0550-10-22	5/8	15.9	10	22	L	33
0550-12-18	3/4	19	12	18	L	37
0550-12-20	3/4	19	12	20	S	46
0550-12-22	3/4	19	12	22	L	38
0550-12-25	3/4	19	12	25	S	49
0550-12-28	3/4	19	12	28	L	40
0550-16-25	1	25.4	16	25	S	51
0550-16-28	1	25.4	16	28	L	41
0550-16-30	1	25.4	16	30	S	54
0550-16-38	1	25.4	16	38	S	60
0550-20-30	1.1/4	31.8	20	30	S	58
0550-20-35	1.1/4	31.8	20	35	L	48
0550-20-38	1.1/4	31.8	20	38	S	62
0550-24-38	1.1/2	38.1	24	38	S	63
0550-24-42	1.1/2	38.1	24	42	L	50

0650



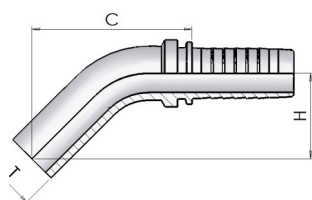
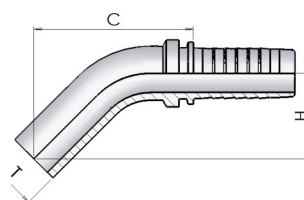
0650S



90° Metric Standpipe

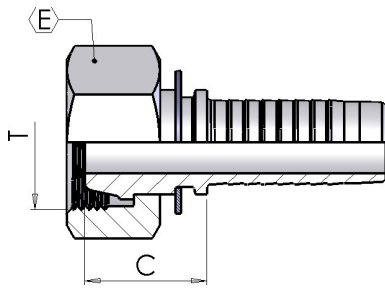
(BEL-BES 90°)

Product number	hose I.D.	I.D.	Dimension				
	in	mm	dash size	Pipe T	Type	H	Cut-off C
0650-03-06	3/16	4.8	03	6	L/S	32	20
0650S03-08	3/16	4.8	03	8	L/S	41	25
0650-04-06	1/4	6.4	04	6	L/S	32	23
0650-04-08	1/4	6.4	04	8	L/S	34	25
0650-04-10	1/4	6.4	04	10	L/S	43	25
0650S04-12	1/4	6.4	04	12	L/S	44	35
0650-05-10	5/16	7.9	05	10	L/S	40	29
0650-05-12	5/16	7.9	05	12	L/S	45	29
0650-06-10	3/8	9.5	06	10	L/S	40	27
0650-06-12	3/8	9.5	06	12	L/S	44	30
0650S06-15	3/8	9.5	06	15	L	52	39
0650S08-12	1/2	12.7	08	12	L/S	44	33
0650S08-15	1/2	12.7	08	15	L	52	39
0650S08-18	1/2	12.7	08	18	L	56	42
0650S10-18	5/8	15.9	10	18	L	56	51
0650S12-22	3/4	19	12	22	L	71	51
0650S12-25	3/4	19	12	25	S	75	57
0650S16-25	1	25.4	16	25	S	75	57
0650S16-28	1	25.4	16	28	L	89	60
0650S24-42	1.1/2	38.1	24	42	L	125	106

0750**0750S****45° Metric Standpipe****(BEL-BES 45°)**

Product number	hose I.D.	I.D.	Dimension				
	in	mm	dash size	Pipe T	Type	H	Cut-off C
0750-03-06	3/16	4.8	03	6	L/S	25	38
0750-04-06	1/4	6.4	04	6	L/S	24	41
0750-04-08	1/4	6.4	04	8	L/S	25	43
0750-04-10	1/4	6.4	04	10	L/S	30	47
0750-05-10	5/16	7.9	05	10	L/S	30	49
0750-06-10	3/8	9.5	06	10	L/S	33	50
0750-06-12	3/8	9.5	06	12	L/S	33	52
0750S08-12	1/2	12.7	08	12	L	29	51
0750S08-15	1/2	12.7	08	15	L	29	55
0750S08-18	1/2	12.7	08	18	L	29	56
0750S10-18	5/8	15.7	10	18	L	29	56
0750S12-22	3/4	19	12	22	L	35	65

0035



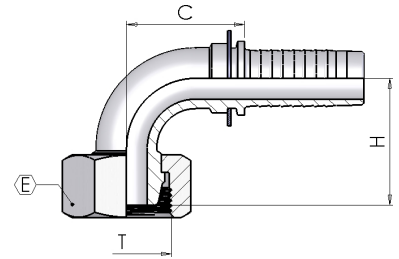
Metric Female 24° Seat Light Multiseal

(DKL)

Product number	hose I.D.	Dimension					I.D.
	in	dash size	mm	T	erm.	E	Cut-off C
0035-03-12	3/16	03	4.8	M12-1.5	6	14	19
0035-03-16	3/16	03	4.8	M16-1.5	10	19	18
0035-04-14	1/4	04	6.4	M14-1.5	8	17	19
0035-04-16	1/4	04	6.4	M16-1.5	10	19	19
0035-05-16	5/16	05	7.9	M16-1.5	10	19	19
0035-05-18	5/16	05	7.9	M18-1.5	12	22	21
0035-06-16	3/8	06	9.5	M16-1.5	10	19	23
0035-06-18	3/8	06	9.5	M18-1.5	12	22	23
0035-06-22	3/8	06	9.5	M22-1.5	15	27	22
0035-08-22	1/2	08	12.7	M22-1.5	15	27	22
0035-08-26	1/2	08	12.7	M26-1.5	18	32	24
0035-10-26	5/8	10	15.9	M26-1.5	18	32	24
0035-12-30	3/4	12	19	M30-2	22	36	29
0035-16-36	1	16	25.4	M36-2	28	41	30

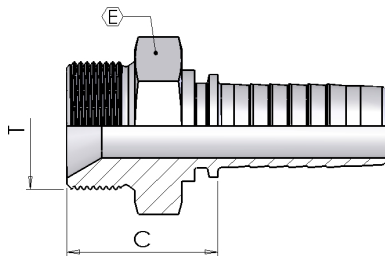
0135

90° Metric Swept Elbow 24° Seat Light Multiseal

(DKL-90°)


Product number	hose I.D.	Dimension							I.D.
	in	dash size	mm	T	erm.	E	H	Cut-off C	
0135-04-14	1/4	04	6.4	M14-1.5	8	17	25	25	
0135-04-16	1/4	04	6.4	M16-1.5	10	19	24	26	
0135-05-16	5/16	05	7.9	M16-1.5	10	19	29	32	
0135-06-18	3/8	06	9.5	M18-1.5	12	22	30	36	
0135-08-22	1/2	08	12.7	M22-1.5	15	27	38	41	

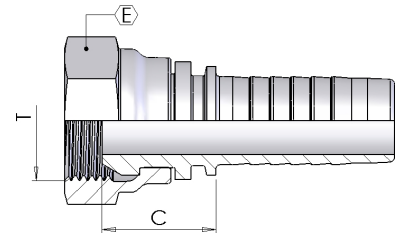
0400



Metric Male 60° cone

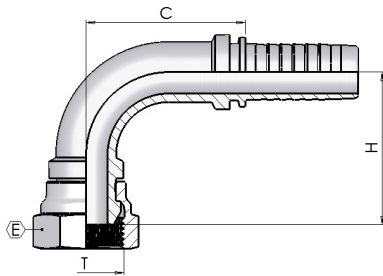
(AGM)

Product number	hose I.D.	I.D.	Dimension			
	in	mm	dash size	T	E	Cut-off C
0400-03-10	3/16	4.8	03	M10-1	14	19
0400-03-12	3/16	4.8	03	M12-1.5	17	25
0400-04-14	1/4	6.4	04	M14-1.5	19	26
0400-05-16	5/16	7.9	05	M16-1.5	22	26
0400-05-18	5/16	7.9	05	M18-1.5	24	26
0400-06-14	3/8	9.5	06	M14-1.5	19	26
0400-06-16	3/8	9.5	06	M16-1.5	22	26
0400-06-18	3/8	9.5	06	M18-1.5	24	27
0400-08-18	1/2	12.7	08	M18-1.5	24	28
0400-08-22	1/2	12.7	08	M22-1.5	27	30
0400-10-26	5/8	15.9	10	M26-1.5	32	32
0400-12-30	3/4	19	12	M30-1.5	36	36
0400-16-38	1	25.4	16	M38-1.5	46	37
0400-20-45	1 1/4	31.8	20	M45-1.5	55	39

0100**Metric Female 60° cone****(DKM)**

Product number	hose I.D.	I.D.	Dimension			
	in	mm	dash size	T	E	Cut-off C
0100-03-10	3/16	4.8	03	M10-1	14	15
0100-04-10	1/4	6.4	04	M10-1	14	15
0100-04-14	1/4	6.4	04	M14-1.5	19	17
0100-05-14	5/16	7.9	05	M14-1.5	19	17
0100-05-16	5/16	7.9	05	M16-1.5	22	19
0100-05-18	5/16	7.9	05	M18-1.5	24	19
0100-06-14	3/8	9.5	06	M14-1.5	19	17
0100-06-16	3/8	9.5	06	M16-1.5	22	19
0100-06-18	1/2	12.7	08	M18-1.5	24	19
0100-08-18	1/2	12.7	08	M18-1.5	24	20
0100-08-20	1/2	12.7	08	M20-1.5	27	22.5
0100-08-22	1/2	12.7	08	M22-1.5	27	22.5
0100-10-26	5/8	15.9	10	M26-1.5	32	25
0100-12-30	3/4	19	12	M30-1.5	36	26
0100-16-38	1	25.4	16	M38-1.5	46	33
0100-20-45	1.1/4	31.8	20	M45-1.5	50	34
0100-24-52	1.1/2	38	24	M52x1.5	60	35
0100-32-65	2	50.8	32	M65-2	75	31

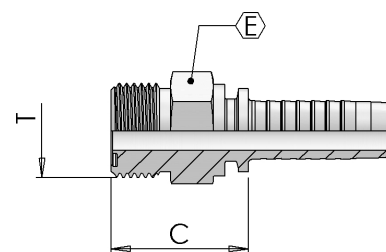
0200



90° Metric Swept Elbow 60° cone

(DKM-90°)

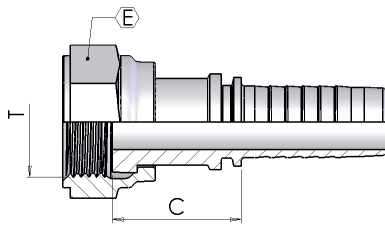
Product number	hose I.D.		Dimension				I.D.
	in	dash size	mm	T	E	H	Cut-off C
0200-03-10	3/16	03	4.8	M10-1	14	23	22
0200-04-10	1/4	04	6.4	M10-1	14	25	24
0200-04-14	1/4	04	6.4	M14-1.5	19	26	24
0200-05-14	5/16	05	7.9	M14-1.5	19	31	29
0200-05-16	5/16	05	7.9	M16-1.5	22	35	29
0200-05-18	5/16	05	7.9	M18-1.5	24	35	29
0200-06-16	3/8	06	9.5	M16-1.5	22	34	33
0200-06-18	3/8	06	9.5	M18-1.5	24	34	33
0200-08-22	1/2	08	12.7	M22-1.5	27	40	41
0200-12-30	3/4	12	19	M30-1.5	36	36	57
0200-16-38	1	16	25.4	M38-1.5	46	71	70

S350**ORFS Male****(ORFS)**

Product number	hose I.D.	I.D.	Dimension			
	in	mm	dash size	T	E	Cut-off C
S350-04-06-BO	1/4	6.4	04	9/16-18	17	23
S350-04-09-BO	1/4	6.4	04	11/16-16	19	21
S350-05-09-BO	5/16	7.9	05	11/16-16	19	26
S350-06-09-BO	3/8	9.5	06	11/16-16	19	26
S350-06-11-BO	3/8	9.5	6	13/16-16	22	29
S350-08-11-BO	1/2	12.7	08	13/16-16	22	29
S350-08-13-BO	1/2	12.7	08	1-14	27	34
S350-08-14-BO	1/2	12.7	08	1.3/16-12	32	35
S350-10-13-BO	5/8	15.9	10	1-14	27	33
S350-10-14-BO	5/8	15.9	10	1.3/16-12	32	35
S350-12-14-BO	3/4	19	12	1.3/16-12	32	36
S350-12-15-BO	3/4	19	12	1.7/16-12	38	36
S350-16-15-BO	1	25.4	16	1.7/16-12	38	37
S350-16-21-BO	1	25.4	16	1.11/16-12	46	38
S350-20-21-BO	1.1/4	31.8	20	1.11/16-12	46	39

- with plug and O-Ring

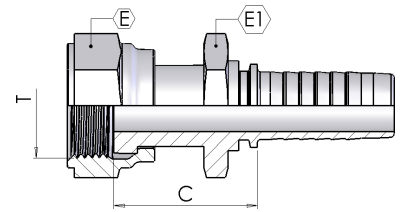
S050



ORFS Female

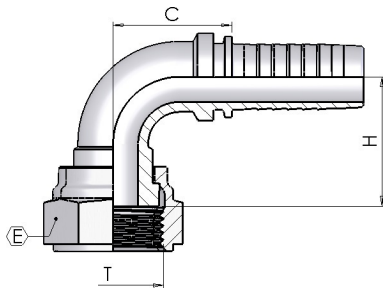
(ORFS)

Product number	hose I.D.		Dimension			
	in	mm	dash size	T	E	Cut-off C
S050-04-06	1/4	6.4	04	9/16-18	19	25
S050-04-09	1/4	6.4	04	11/16-16	22	29
S050-05-09	5/16	7.9	05	11/16-16	22	29
S050-06-09	3/8	9.5	06	11/16-16	22	29
S050-06-11	3/8	9.5	06	13/16-16	24	30
S050-08-11	1/2	12.7	08	13/16-16	24	32
S050-08-13	1/2	12.7	08	1-14	30	35
S050-08-14	1/2	12.7	08	1.3/16-12	36	37
S050-10-13	5/8	15.9	10	1-14	30	35
S050-10-14	5/8	15.9	10	1.3/16-12	36	34
S050-12-13	3/4	19	12	1-14	30	37
S050-12-14	3/4	19	12	1.3/16-12	36	35
S050-12-15	3/4	19	12	1.7/16-12	41	41
S050-16-15	1	25.4	16	1.7/16-12	41	39
S050-20-21	1.1/4	31.8	20	1.11/16-12	50	40
S050-24-32	1.1/2	38.1	24	2-12	60	41

S05T**ORFS Female Back Hexagon****(ORFS)**

Product number	hose I.D.	Dimension					I.D.
	in	dash size	mm	T	E	E1	Cut-off C
S05T-04-06	1/4	04	6.4	9/16-18	17	15	30
S05T-06-09	3/8	06	9.5	11/16-16	22	17	34
S05T-08-11	1/2	08	12.7	13/16-16	24	19	37
S05T-10-13	5/8	10	15.9	1-14	30	24	41
S05T-12-14	3/4	12	19	1.3/16-12	36	30	42
S05T-16-15	1	16	25.4	1.7/16-12	41	36	50

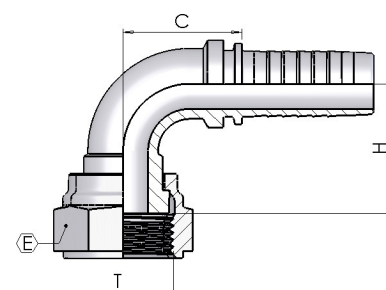
S150



ORFS 90° Swept Elbow

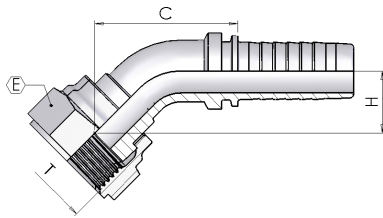
(ORFS-90°)

Product number	hose I.D.	Dimension					I.D.
	in	dash size	mm	T	E	H	Cut-off C
S150-04-06	1/4	04	6.4	9/16-18	19	26	25
S150-04-09	1/4	04	6.4	11/16-16	22	23	25
S150-05-09	5/16	05	7.9	11/16-16	22	32	29
S150-06-09	3/8	06	9.5	11/16-16	22	33	33
S150-06-11	3/8	06	9.5	13/16-16	24	32	33
S150-08-11	1/2	08	12.7	13/16-16	24	36	43
S150-08-13	1/2	08	12.7	1-14	30	40	39
S150-08-14	1/2	08	12.7	1.3/16-12	36	39	42
S150-10-13	5/8	10	15.9	1-14	30	42	44
S150-10-14	5/8	10	15.9	1.3/16-12	36	39	42
S150-12-13	3/4	12	19	1-14	30	39	42
S150-12-14	3/4	12	19	1.3/16-12	36	49	57
S150-12-15	3/4	12	19	1.7/16-12	41	51	56
S150-16-15	1	16	25.4	1.7/16-12	41	62	67
S150-16-21	1	20	25.4	1.11/16-12	50	58	62
S150-20-21	1.1/4	20	31.8	1.11/16-12	50	58	63
S150-24-32	1.1/2	24	38.1	2-12	60	73	80

S15S**ORFS 90° Swept Elbow - ISO SHORT****(ORFS-90°)**

Product number	hose I.D.	Dimension					I.D.
	in	dash size	mm	T	E	H	Cut-off C
S15S-04-06	1/4	04	6.4	9/16-18	19	21	25
S15S-06-09	3/8	06	9.5	11/16-16	22	23	33
S15S-08-11	1/2	08	12.7	13/16-16	24	29	43
S15S-08-13	1/2	08	12.7	1-14	30	32	39
S15S-10-13	5/8	10	15.9	1-14	30	32	47
S15S-12-14	3/4	12	19	1.3/16-12	36	48	57
S15S-16-15	1	16	25.4	1.7/16-12	41	56	67

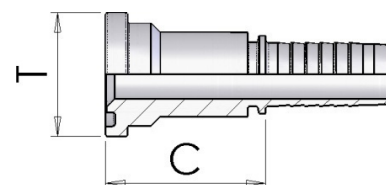
S250



ORFS 45° Swept Elbow

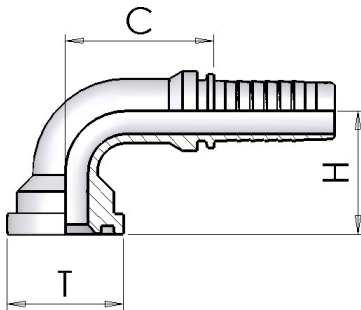
(ORFS-45°)

Product number	hose I.D.	I.D.	Dimension				
	in	mm	dash size	T	E	H	Cut-off C
S250-04-06	1/4	6.4	04	9/16-18	19	14	40
S250-04-09	1/4	6.4	04	11/16-16	22	14	38
S250-05-09	5/16	7.9	05	11/16-16	22	14	44
S250-06-09	3/8	9.5	06	11/16-16	22	17	52
S250-06-11	3/8	9.5	06	13/16-16	24	18	51
S250-08-11	1/2	12.7	08	13/16-16	24	20	62
S250-08-13	1/2	12.7	08	1-14	30	23	64
S250-08-14	1/2	12.7	08	1.3/16-12	36	17	44
S250-10-13	5/8	15.9	10	1-14	30	22	67
S250-10-14	5/8	15.9	10	1.3/16-12	36	18	44
S250-12-13	3/4	19	12	1-14	30	15	40
S250-12-14	3/4	19	12	1.3/16-12	36	23	84
S250-12-15	3/4	19	12	1.7/16-12	41	26	84
S250-16-15	1	25.4	16	1.7/16-12	41	27	101
S250-20-21	1.1/4	31.8	20	1.11/16-12	50	44	125
S250-24-32	1.1/2	38.1	24	2-12	60	29	78

1260**Straight SAE Flange 3000 PSI****(SFL)**

Product number	hose I.D.		Dimension			
	in	mm	dash size	T Flange	mm	Cut-off C
1260-08-08	1/2	12.7	08	1/2	30.2	45
1260-08-12	1/2	12.7	08	3/4	38.1	50
1260-10-08	5/8	15.9	10	1/2	30.2	45
1260-10-10	5/8	15.9	10	5/8	34	56
1260-10-12	5/8	15.9	10	3/4	38.1	49
1260-12-12	3/4	19	12	3/4	38.1	50
1260-12-16	3/4	19	12	1	44.5	53
1260-16-16	1	25.4	16	1	44.5	54
1260-16-20	1	25.4	16	1.1/4	50.8	57
1260-20-20	1.1/4	31.8	20	1.1/4	50.8	59
1260-20-24	1.1/4	31.8	20	1.1/2	60.3	62
1260-24-24	1.1/2	38.1	24	1.1/2	60.3	62
1260-24-32	1.1/2	38.1	24	2	71.4	67
1260-32-32	2	50.8	32	2	71.4	68
1260-32-40	2	50.8	32	2.1/2	84.1	76
1260-40-40	2.1/2	63.5	40	2.1/2	84	76
1260-48-48	3	76.2	48	3	102	63

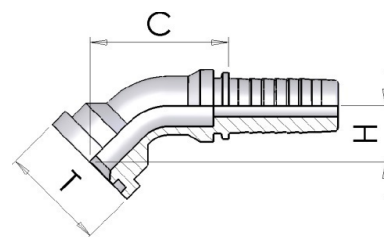
1060



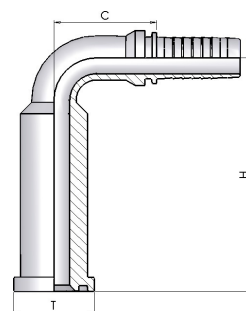
90° SAE Flange 3000 PSI

(SFL 90°)

Product number	hose I.D.		Dimension				
	in	dash size	mm	T Flange	mm	drop H	Cut-off C
1060-08-08	1/2	08	12.7	1/2	30,2	39	39
1060-08-12	1/2	08	12.7	3/4	38.1	44	42
1060-10-08	5/8	10	15.9	1/2	30,2	42	45
1060-10-12	5/8	10	15.9	3/4	38.1	47	45
1060-12-12	3/4	12	19	3/4	38.1	53	56
1060-12-16	3/4	12	19	1	44.5	58	56
1060-16-16	1	16	25.4	1	44.5	65	70
1060-16-20	1	16	25.4	1.1/4	50.8	70	67
1060-16-24	1	16	25.4	1.1/2	60.3	71	72
1060-20-16	1.1/4	20	31.8	1	44.5	73	83
1060-20-20	1.1/4	20	31.8	1.1/4	50.8	79	85
1060-20-24	1.1/4	20	31.8	1.1/2	60.3	81	85
1060-24-24	1.1/2	24	38.1	1.1/2	60.3	89	98
1060-24-32	1.1/2	24	38.1	2	71.4	90	102
1060-32-32	2	32	50.8	2	71.4	113	134

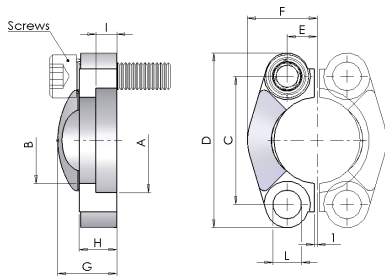
1160**45° SAE Flange 3000 PSI****(SFL 45°)**

Product number	hose I.D.		Dimension				
	in	mm	dash size	T Flange	mm	H	Cut-off C
1160-08-08	1/2	12.7	08	1/2	30.2	22	62
1160-08-12	1/2	12.7	08	3/4	38.1	25	67
1160-12-12	3/4	19	12	3/4	38.1	25	69
1160-12-16	3/4	19	12	1	44.5	30	88
1160-16-16	1	25.4	16	1	44.5	29	82
1160-20-20	1.1/4	31.8	20	1.1/4	50.8	38	102
1160-20-24	1.1/4	31.8	20	1.1/2	60.3	39	106
1160-24-24	1.1/2	38.1	24	1.1/2	60.3	44	114
1160-24-32	1.1/2	38.1	24	2	71.4	40	115
1160-32-32	2	50.8	32	2	71.4	58	135

FS3L**90° SAE Flange 3000 Psi - Long Drop****(SFL 90° L)**

Product number	hose I.D.		Dimension				
	in	dash size	mm	T Flange	mm	drop H	Cut-off C
FS3L-12-12	3/4	12	19	3/8	38.1	123	56
FS3L-16-16	1	16	25.4	1	44.5	127	70
FS3L-20-20	1.1/4	20	31.8	1.1/4	50.8	178	85

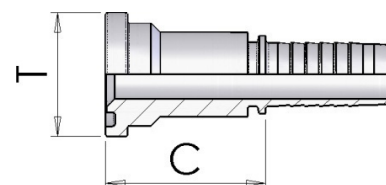
S003



Cut Split Flanges - 3000 psi

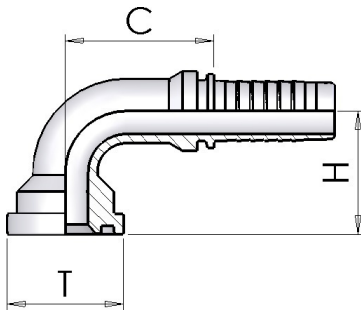
Product number	SAE	Dimension									
	size	A	B	C	D	E	F	G	H	I	L
S003-08	1/2"	30.96	24.3	38.1	54	8.7	22.8	19	13	6.2	8.8
S003-12	3/4"	38.89	32.1	47.6	65	11.1	25.9	22	14	6.2	10.8
S003-16	1"	45.24	38.5	52.4	70	13.1	29.2	24	16	7.5	10.8
S003-20	1.1/4"	51.59	43.7	58.7	79	15.1	36.3	22	14	7.5	12
S003-24	1.1/2"	61.09	50.8	69.9	94	17.9	41.1	25	16	7.5	13.5
S003-32	2"	72.24	62.7	77.8	102	21.4	48.2	26	16	9	13.5
S003-40	2.1/2"	84.94	74.9	88.9	114	25.4	54.1	38	19	9	13.5

This product is sold in pairs

1310**Straight SAE Flange 6000 PSI****(SFS)**

Product number	hose I.D.		Dimension			
	in	mm	dash size	T Flange	mm	Cut-off C
1310-08-08	1/2	12.7	08	1/2	31.8	46
1310-08-12	1/2	12.7	08	3/4	41.3	53
1310-10-08	5/8	15.9	10	1/2	31.8	46
1310-10-12	5/8	15.9	10	3/4	41.3	53
1310-12-12	3/4	19	12	3/4	41.3	54
1310-12-16	3/4	19	12	1	47.6	60
1310-16-12	1	25.4	16	3/4	41.3	55
1310-16-16	1	25.4	16	1	47.6	61
1310-16-20	1	25.4	16	1.1/4	54	68
1310-20-20	1.1/4	31.8	20	1.1/4	54	70
1310-20-24	1.1/4	31.8	20	1.1/2	63.5	76
1310-24-24	1.1/2	38.1	24	1.1/2	63.5	76
1310-24-32	1.1/2	38.1	24	2	79.4	85
1310-32-32	2	50.8	32	2	79.4	85

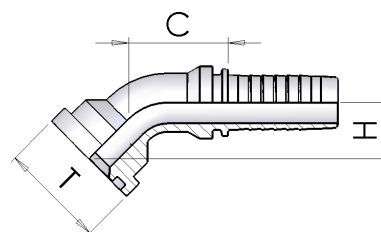
1110



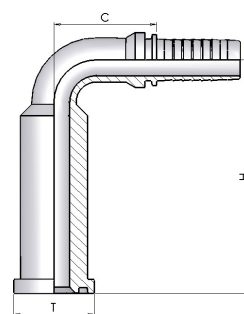
90° SAE Flange 6000 PSI

(SFS 90°)

Product number	hose I.D.		Dimension				
	in	mm	dash size	T Flange	mm	drop H	Cut-off C
1110-08-08	1/2	12.7	08	1/2	31.8	39	39
1110-08-12	1/2	12.7	08	3/4	41.3	48	39
1110-10-08	5/8	15.9	10	1/2	31.8	42	45
1110-10-12	5/8	15.9	10	3/4	41.3	52	44
1110-12-12	3/4	19	12	3/4	41.3	55	56
1110-12-16	3/4	19	12	1	47.6	63	56
1110-16-12	1	25.4	16	3/4	41.3	64	68
1110-16-16	1	25.4	16	1	47.6	69	70
1110-16-20	1	25.4	16	1.1/4	54	74	71
1110-20-20	1.1/4	31.8	20	1.1/4	54	83	97
1110-20-24	1.1/4	31.8	20	1.1/2	63.5	93	97
1110-24-24	1.1/2	38.1	24	1.1/2	63.5	103	100
1110-32-32	2	50.8	32	2	79.4	136	125

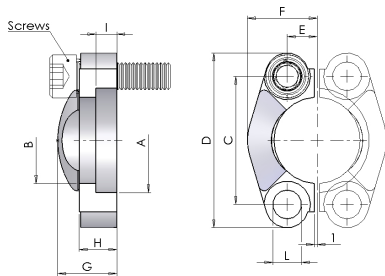
1210**45° SAE Flange 6000 PSI****(SFS 45°)**

Product number	hose I.D.		Dimension				
	in	mm	dash size	T Flange	mm	drop H	Cut-off C
1210-08-08	1/2	12.7	08	1/2	31.8	22	62
1210-08-12	1/2	12.7	08	3/4	41.3	28	69
1210-10-08	5/8	15.9	10	1/2	31.8	21	66
1210-10-12	5/8	15.9	10	3/4	41.3	27	75
1210-12-12	3/4	19	12	3/4	41.3	28	74
1210-12-16	3/4	19	12	1	47.6	32	90
1210-16-12	1	25.4	16	3/4	41.3	29	94
1210-16-16	1	25.4	16	1	47.6	34	86
1210-16-20	1	25.4	16	1.1/4	54	37	90
1210-20-20	1.1/4	31.8	20	1.1/4	54	41	111
1210-20-24	1.1/4	31.8	20	1.1/2	63.5	48	118
1210-24-24	1.1/2	38.1	24	1.1/2	63.5	50	122
1210-32-32	2	50.8	32	2	79.4	58	151

FS6L**90° SAE Flange 6000 Psi - Long Drop****(SFS 90° L)**

Product number	hose I.D.		Dimension				
	in	mm	dash size	T Flange	mm	drop H	Cut-off C
FS6L-08-08	1/2	12.7	08	1/2	32	75	40
FS6L-12-12	3/4	19	12	3/4	41.3	126	56
FS6L-16-16	1	25.4	16	1	47.6	132	70
FS6L-20-20	1.1/4	31.8	20	1.1/4	54	185	82

S006

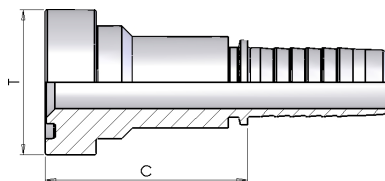


Cut Split Flanges - 6000 psi

Product number	SAE	Dimension									
	size	A	B	C	D	E	F	G	H	I	L
S006-08	1/2"	32.54	24.6	40.5	56	9.1	23.6	22	16	7.2	8.8
S006-12	3/4"	42.06	32.5	50.8	71	11.9	30	28	19	8.3	11
S006-16	1"	48.41	38.9	57.2	81	13.9	34.8	33	24	9	13
S006-20	1 1/4"	54.76	44.5	66.7	95	15.9	38.6	38	27	9.8	15
S006-24	1 1/2"	64.29	51.6	79.4	113	18.3	47.5	43	30	12.1	17
S006-32	2"	80.16	67.6	96.8	133	22.2	56.9	52	37	12.1	21

This product is sold in pairs

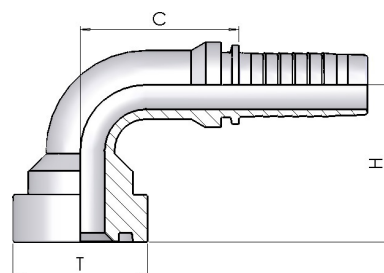
130S



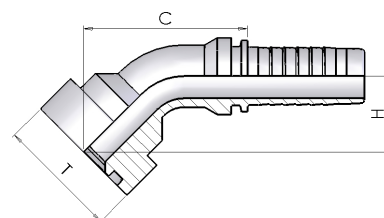
Straight 'CAT' Flange

(SFC)

Product number	hose I.D.	I.D.	Dimension			
	in	mm	dash size	T Flange	mm	Cut-off C
130S-12-12	3/4	19	12	3/4	41.3	58
130S-12-16	3/4	19	12	1	47.6	64
130S-16-16	1	25.4	16	1	47.6	65
130S-16-20	1	25.4	16	1 1/4	54	73
130S-20-20	1 1/4	31.8	20	1 1/4	54	74
130S-24-24	1 1/2	38.1	24	1 1/2	63.5	80

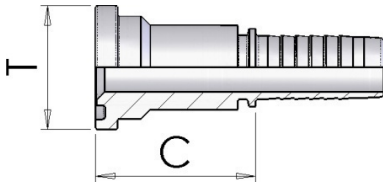
110S**90° 'CAT' Flange****(SFC 90°)**

Product number	hose I.D.		I.D.	Dimension			
	in	mm		dash size	T Flange	mm	H
110S-12-12	3/4	19	12	12	3/4	41.3	62
110S-12-16	3/4	19	12	12	1	47.6	65
110S-16-16	1	25.4	16	16	1	47.6	74
110S-16-20	1	25.4	16	16	1.1/4	54	80
110S-20-20	1.1/4	31.8	20	20	1.1/4	54	90
110S-20-24	1.1/4	31.8	20	20	1.1/2	63.5	95
110S-24-24	1.1/2	38.1	24	24	1.1/2	63.5	104

120S**45° 'CAT' Flange****(SFC 45°)**

Product number	hose I.D.		I.D.	Dimension			
	in	mm		dash size	T Flange	mm	H
120S-12-12	3/4	19	12	12	3/4	41.3	32
120S-12-16	3/4	19	12	12	1	47.6	37
120S-16-16	1	25.4	16	16	1	47.6	37
120S-16-20	1	25.4	16	16	1.1/4	54	44
120S-20-20	1.1/4	31.8	20	20	1.1/4	54	43
120S-20-24	1.1/4	31.8	20	20	1.1/2	63.5	48
120S-24-24	1.1/2	38.1	24	24	1.1/2	63.5	52

1250

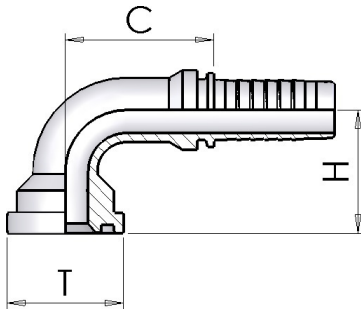


Komatsu Flange - Straight

(JIS-KF)

Product number	hose I.D.		Dimension			
	in	mm	dash size	T Flange	mm	Cut-off C
1250-10-10	5/8	15.9	10	5/8	34	56

1050

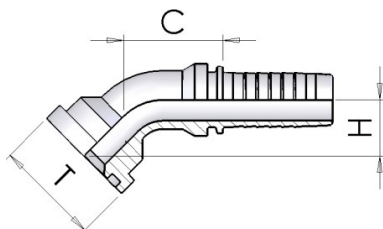


Komatsu Flange 90°

(JIS-KF)

Product number	hose I.D.		Dimension				
	in	dash size	mm	T Flange	mm	drop H	Cut-off C
1050-10-10	5/8	10	15.9	5/8	34	47	58

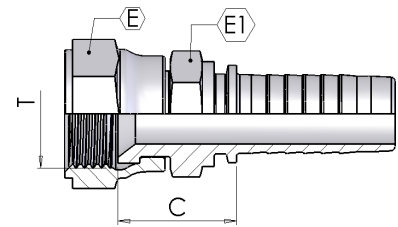
1150



Komatsu Flange 45°

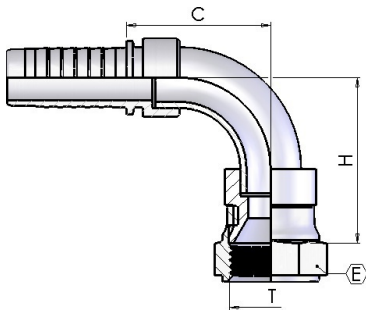
(JIS-KF)

Product number	hose I.D.		Dimension				
	in	dash size	mm	T Flange	mm	drop H	Cut-off C
1150-10-10	5/8	10	15.9	5/8	34	54	23

0940**JIS Female 60° Cone (Komatsu)****(JIS-K)**

Product number	hose I.D.	I.D.	Dimension				
	in	mm	dash size	T	E	E1	Cut-off C
0940-04-14	1/4	6.4	04	M14x1,5	19	17	22
0940-05-16	5/16	7.9	05	M16x1,5	22	17	22
0940-06-14	3/8	9.5	06	M14x1,5	19	17	22
0940-06-16	3/8	9.5	06	M16x1,5	22	19	22
0940-06-18	3/8	9.5	06	M18x1,5	24	19	21
0940-08-22	1/2	12.7	08	M22x1,5	27	22	27
0940-08-24	1/2	12.7	08	M24x1,5	30	27	25
0940-10-24	5/8	15.9	10	M24x1,5	30	27	26
0940-12-30	3/4	19	12	M30x1,5	36	30	30
0940-16-33	1	25.4	16	M33x1,5	41	36	33
0940-20-36	1.1/4	31.8	20	M36x1,5	46	46	37
0940-24-42	1.1/2	38.1	24	M42x1,5	50	50	38

0990S

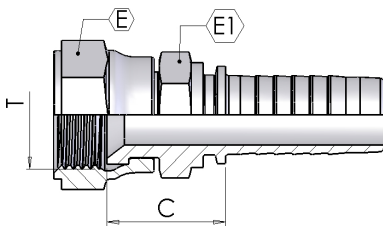


90° JIS Swept Elbow (Komatsu) - welded

(JIS-K 90°)

Product number	hose I.D.	I.D.	Dimension				
	in	mm	dash size	T	E	H	Cut-off C
0990S04-14	1/4	6.4	04	M14x1,5	19	35	38
0990S05-16	5/16	7.9	05	M16x1,5	22	30	27
0990S06-14	3/8	9.5	06	M14x1,5	19	33	31
0990S06-18	3/8	9.5	06	M18x1,5	24	33	31
0990S08-22	1/2	12.7	08	M22x1,5	27	39	33
0990S10-24	5/8	15.9	10	M24x1,5	30	48	42
0990S12-30	3/4	19	12	M30x1,5	36	43	48
0990S16-33	1	25.4	16	M33x1,5	41	62	57

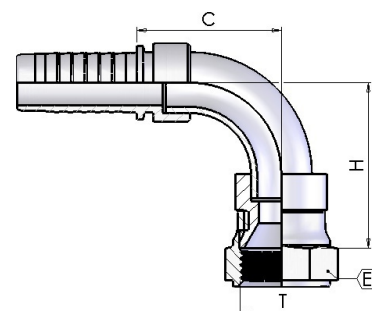
0930



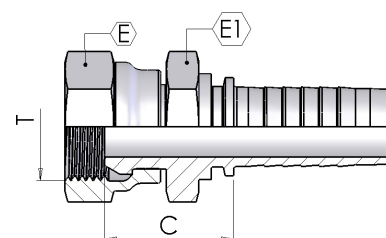
JIS Female 60° cone (Toyota)

(JIS-T)

Product number	hose I.D.	I.D.	Dimension				
	in	mm	dash size	T	E	E1	Cut-off C
0930-04-04	1/4	6.4	04	1/4-19	19	17	20
0930-06-06	3/8	9.5	06	3/8-19	22	19	22
0930-08-08	1/2	12.7	08	1/2-14	27	22	26
0930-12-12	3/4	19	12	3/4-14	32	30	29
0930-16-16	1	25.4	16	1-11	38	36	31
0930-20-20	1,1/4	31.8	20	1,1/4-11	50	46	35
0930-24-24	1,1/2	38.1	24	1,1/2-11	55	50	28

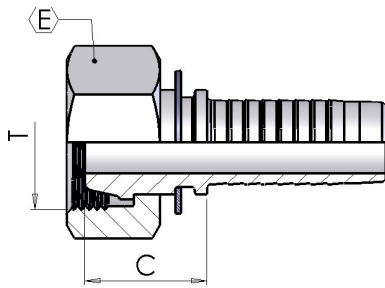
0980S**90° JIS Swept Elbow (Toyota) -
welded****(JIS-T 90°)**

Product number	hose I.D.	I.D.	Dimension				
	in	mm	dash size	T	E	H	Cut-off C
0980S04-04	1/4	6.4	04	1/4-19	19	35	38
0980S06-06	3/8	9.5	06	3/8-19	22	30	27
0980S08-08	1/2	12.7	08	1/2-14	27	39	33
0980S12-12	3/4	19	12	3/4-14	32	55	48
0980S16-16	1	25.4	16	1-11	38	62	57

0920**JIS Female 60° cone (Nissan)****(JIS-N)**

Product number	hose I.D.	I.D.	Dimension				
	in	mm	dash size	T	E	E1	Cut-off C
0920-04-04	1/4	6.4	04	1/4-19	19	19	23
0920-06-06	3/8	9.5	06	3/8-19	22	22	28
0920-08-08	1/2	12.7	08	1/2-14	27	27	27

0030

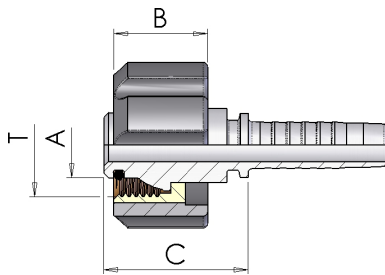


Metric Female 24° Cone French Type

(DKF)

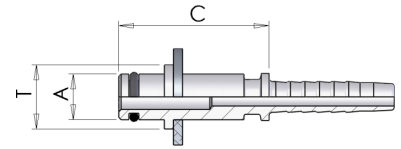
Product number	hose I.D.	I.D.	Dimension			
	in	mm	dash size	T	E	Cut-off C
0030-05-20	5/16	7.9	05	M20-1.5	24	25
0030-06-20	3/8	9.5	06	M20-1.5	24	26
0030-08-24	1/2	12.7	08	M24-1.5	30	28
0030-10-30	5/8	15.9	10	M30-1.5	36	25
0030-12-30	3/4	19	12	M30-1.5	36	26
0030-12-36	3/4	19	12	M36-1.5	46	29
0030-16-45	1	25.4	16	M45-1.5	55	30
0030-20-52	1.1/4	31.8	20	M52-1.5	65	34

FK50

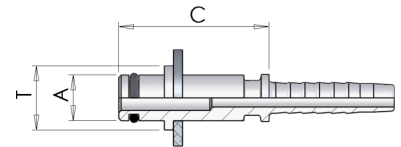


K' Female

Product number	hose I.D.	Dimension					I.D.
	in	dash size	mm	T	A	B	Cut-off C
FK50-04-22	1/4	04	6.4	M22-1.5	14	20	31
FK50-05-22	5/16	05	7.9	M22-1.5	14	20	31
FK50-06-22	3/8	06	9.5	M22-1.5	14	20	31
FK50-04022	1/4	04	6.4	M22-1.5	14	27	31
FK50-05022	5/16	05	7.9	M22-1.5	14	27	31
FK50-06022	3/8	06	9.5	M22-1.5	14	27	31

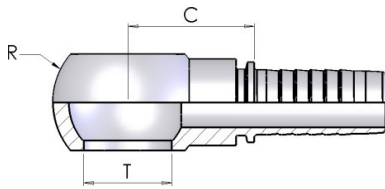
FN50**'K' Male (for gun) - Diameter 10**

Product number	hose I.D.		Dimension		
	in	mm	dash size	A	C
FN50-04-22	1/4	6.4	04	10	33
FN50-05-22	5/16	7.9	05	10	33
FN50-06-22	3/8	9.5	06	10	33

FN51**'K' Male (for gun) - Diameter 11**

Product number	hose I.D.		Dimension		
	in	mm	dash size	A	C
FN51-04-22	1/4	6.4	04	11	33
FN51-05-22	5/16	7.9	05	11	33

1400

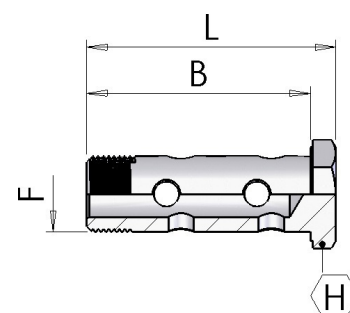


BSP Banjo

Product number	hose I.D.		Dimension				
	in	mm	dash size	hole T	mm	R	Cut-off C
1400-03-02	3/16	4.8	03	1/8-28	10.2	17	19
1400-03-04	3/16	4.8	03	1/4-19	13.3	24	26
1400-04-02	1/4	6.4	04	1/8-28	10.2	17	25
1400-04-04	1/4	6.4	04	1/4-19	13.3	24	26
1400-04-06	1/4	6.4	04	3/8-19	17	28	26
1400-05-04	5/16	7.9	05	1/4-19	13.3	24	26
1400-05-06	5/16	7.9	05	3/8-19	17	28	26
1400-06-04	3/8	9.5	06	1/4-19	13.3	24	26
1400-06-06	3/8	9.5	06	3/8-19	17	28	26
1400-06-08	3/8	9.5	06	1/2-14	21.2	36	31
1400-08-06	1/2	12.7	08	3/8-19	17	28	27
1400-08-08	1/2	12.7	08	1/2-14	21.2	36	31
1400-08-12	1/2	12.7	08	3/4-14	26.5	45	38
1400-10-12	5/8	15.9	10	3/4-14	26.5	45	38
1400-12-12	3/4	19	12	3/4-14	26.5	45	38
1400-12-16	3/4	19	12	1-11	33.5	58	49
1400-16-16	1	25.4	16	1-11	33.5	58	50

1600

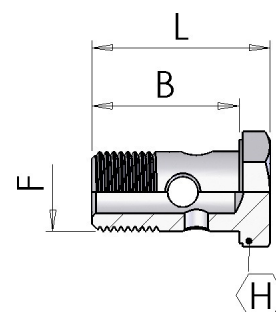
Double BSP Perfored Bolt



Product number	Dimension			
	F	B	L	H
1600-04-04	1/4-19	43	49	19
1600-06-06	3/8-19	49	57	22
1600-08-08	1/2-14	62	70	27
1600-12-12	3/4-14	78	87	32
1600-16-16	1-11	98	109	41

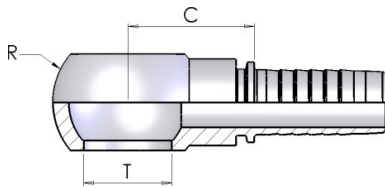
1600-00

BSP Perfored Bolt



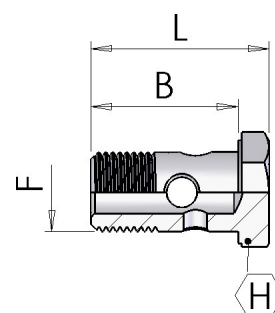
Product number	Dimension			
	F	B	L	H
1600-00-02	1/8-28	19	24	14
1600-00-04	1/4-19	29	34	19
1600-00-06	3/8-19	33	41	22
1600-00-08	1/2-14	38	46	27
1600-00-12	3/4-14	47	56	32
1600-00-16	1-11	58	69	41

1350



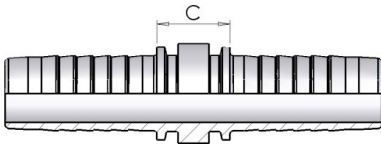
Metric Banjo

Product number	hose I.D.	I.D.	Dimension				
	in	mm	dash size	hole T	mm	R	Cut-off C
1350-03-10	3/16	4.8	03	M10-1	10.2	17	25
1350-03-12	3/16	4.8	03	M12-1.5	12.2	20	22
1350-04-10	1/4	6.4	04	M10-1	10.2	17	25
1350-04-12	1/4	6.4	04	M12-1.5	12.2	20	22
1350-04-14	1/4	6.4	04	M14-1.5	14.2	24	26
1350-05-14	5/16	7.9	05	M14-1.5	14.2	24	26
1350-05-16	5/16	7.9	05	M16-1.5	16.2	28	26
1350-05-18	5/16	7.9	05	M18-1.5	18.2	32	29
1350-06-14	3/8	9.5	06	M14-1.5	14.2	24	26
1350-06-16	3/8	9.5	06	M16-1.5	16.2	28	26
1350-06-18	3/8	9.5	06	M18-1.5	18.2	32	29
1350-06-22	3/8	9.5	06	M22-1.5	22.2	36	31
1350-08-16	1/2	12.7	08	M16-1.5	16.2	28	27
1350-08-18	1/2	12.7	08	M18-1.5	18.2	32	29
1350-08-22	1/2	12.7	08	M22-1.5	22.2	36	31
1350-10-22	5/8	15.9	10	M22-1.5	22.2	36	31
1350-10-26	5/8	15.9	10	M26-1.5	26.5	45	38
1350-12-22	3/4	19	12	M22-1.5	22.2	36	32
1350-12-26	3/4	19	12	M26-1.5	26.2	46	38
1350-16-30	1	25.4	16	M30-2	30.2	54	45

1650**Metric perfored bolt**

Product number	Dimension			
	F	B	L	H
1650-00-10	M10-1	19	24	14
1650-00-12	M12-1.5	26	31	17
1650-00-14	M14-1.5	29	34	19
1650-00-16	M16-1.5	33	41	22
1650-00-18	M18-1.5	37	44	24
1650-00-22	M22-1.5	38	46	27
1650-00-26	M26-1.5	47	56	32
1650-00-30	M30-1.5	58	68	36

D050

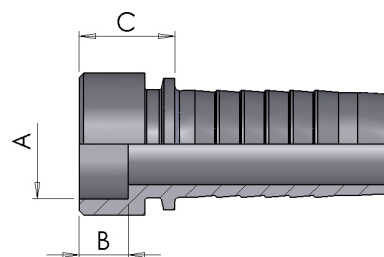


Hose Junction

Product number	hose I.D.	I.D.	Dimension	
	in	mm	dash size	Cut-off C
D050-03	3/16	4.8	03	17
D050-04	1/4	6.4	04	22
D050-05	5/16	7.9	05	22
D050-06	3/8	9.5	06	22
D050-08	1/2	12.7	08	23
D050-10	5/8	15.9	10	18
D050-12	3/4	19	12	19
D050-16	1	25.4	16	21
D050-20	1.1/4	31.8	20	24
D050-24	1.1/2	38.1	24	24
D050-32	2	50.8	32	26

GS00

Weldable Fitting



Product number	hose I.D.	I.D.	Dimension			
	in	mm	dash size	A	B	Cut-off C
GS00-03-08	3/16	4,8	03	08	6	12
GS00-04-06	1/4	6.4	04	06	6	14
GS00-04-08	1/4	6.4	04	08	6	14
GS00-04-10	1/4	6.4	04	10	6	15
GS00-04-12	1/4	6.4	04	12	7	17
GS00-05-08	5/16	7,9	05	08	6	14
GS00-05-10	5/16	7,9	05	10	6	14
GS00-05-12	5/16	7,9	05	12	6	14
GS00-06-06	3/8	9.5	06	06	6	15
GS00-06-08	3/8	9.5	06	08	6	15
GS00-06-10	3/8	9.5	06	10	6	14
GS00-06-12	3/8	9.5	06	12	7	15
GS00-06-15	3/8	9.5	06	15	7	14
GS00-08-12	1/2	12.7	08	12	7	15
GS00-08-14	1/2	12.7	08	14	8	15
GS00-08-15	1/2	12.7	08	15	7	15
GS00-08-16	1/2	12.7	08	16	7	15
GS00-08-20	1/2	12.7	08	20	9	18
GS00-10-16	5/8	15.9	10	16	8	16
GS00-10-18	5/8	15.9	10	18	8	16
GS00-10-20	5/8	15.9	10	20	9	18
GS00-12-16	3/4	19	12	16	8	16
GS00-12-18	3/4	19	12	18	8	16
GS00-12-20	3/4	19	12	20	9	18
GS00-12-22	3/4	19	12	22	9	18
GS00-12-25	3/4	19	12	25	9	19
GS00-16-25	1	25.4	16	25	9	19
GS00-16-30	1	25.4	16	30	9	20
GS00-20-35	1.1/4	31.8	20	35	11	23

without zinc plating