

Shell

Page De-1

VS

De-1

Interlock
Outside Skive



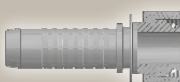
DIN – Metric

Page De-2 – De-5

CA

De-2

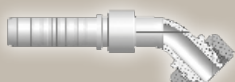
Female Metric 24°
Light Series with O-Ring
Swivel - Straight
ISO 12151-2-SWS-L – DKOL



CE

De-2

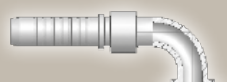
Female Metric 24°
Light Series with O-Ring
Swivel - 45° Elbow
ISO 12151-2-SWE-L – DKOL 45°



CF

De-3

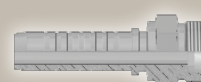
Female Metric 24°
Light Series with O-Ring
Swivel - 90° Elbow
ISO 12151-2-SWE-L – DKOL 90°



D0

De-3

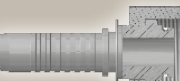
Male Metric 24°
Light Series - Rigid
Straight
ISO 12151-2-S-L – CEL



C9

De-4

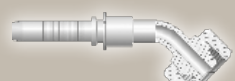
Female Metric 24° - Swivel
Heavy Series with O-Ring
Straight
ISO 12151-2-SWS-S – DKOS



0C

De-4

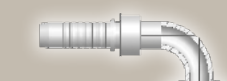
Female Metric 24° - Swivel
Heavy Series with O-Ring
45° Elbow
ISO 12151-2-SWE-S – DKOS 45°



1C

De-5

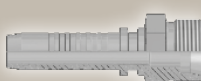
Female Metric 24° - Swivel
Heavy Series with O-Ring
90° Elbow
ISO 12151-2-SWE-S – DKOS 90°



D2

De-5

Male Metric 24° - Rigid
Heavy Series - Straight
ISO 12151-2-S-S – CES



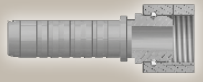
BSP

Page De-6 – De-7

92

De-6

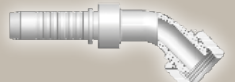
Female BSP Parallel Pipe
Swivel - Straight (60° Cone)
BS5200-A – DKR



B1

De-6

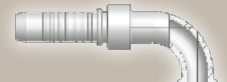
Female BSP Parallel Pipe
Swivel
45° Elbow (60° Cone)
BS 5200-D – DKR 45°



B2

De-7

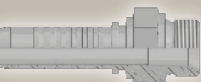
Female BSP Parallel Pipe
Swivel
90° Elbow (60° Cone)
BS 5200-B – DKR 90°



D9

De-7

Male BSP Parallel Pipe
Rigid - Straight (60° Cone)
BS5200 – AGR



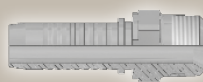
SAE

Page De-8 – De-10

01

De-8

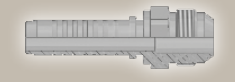
Male NPTF Pipe
Rigid - Straight
SAE J476A / J516 – AGN



03

De-8

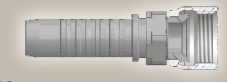
Male JIC 37° - Rigid
Straight
ISO12151-5-S – AGJ



06/68

De-9

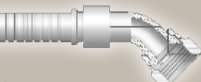
Female – JIC 37°
SAE 45° Dual Flare
Swivel – Straight
ISO12151-5-SWS – DKJ



37/3V

De-9

Female JIC 37°
SAE 45° - Dual Flare
Swivel Female 45° Elbow
ISO 12151-5-SWE 45° – DKJ 45°



39/3W

De-10

Female JIC 37°
SAE 45° - Dual Flare
Swivel Female 90° Elbow
ISO 12151-5-SWES – DKJ 90°

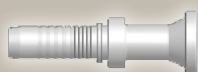


Flange

Page De-11 – De-13

15

De-11



**ISO 6162-1-Flange
Straight**

ISO 12151-3-S-L – SFL
(21.0 MPa/ 3000 psi)

17

De-11



**ISO 6162-1 Flange
45° Elbow**

ISO 12151-3 - E45 - L – SFL 45°
(21.0 MPa/ 3000 psi)

19

De-12

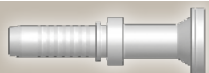


**ISO 6162-1-Flange
90° Elbow**

ISO 12151-3 - E- L – SFL 90°
(21.0 MPa/ 3000 psi)

6A

De-12

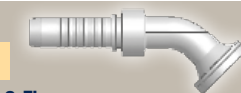


**ISO 6162-2-Flange
Straight**

ISO 12151-3-S-S – SFS
(42.0 MPa/ 6000 psi)

6F

De-13



**ISO 6162-2-Flange
45° Elbow - Heavy Series**

ISO 12151-3 - E45-S – SFS 45°
(42.0 MPa/ 6000 psi)

6N

De-13



**ISO 6162-2-Flange
90° Elbow**

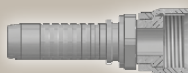
ISO 12151-3 - E-S – SFS 90°
(42.0 MPa/ 6000 psi)

ORFS

Page De-14 – De-15

JC

De-14



**Female ORFS
Swivel - Straight
Short**

ISO 12151-1 – SWSA SAE J516 – ORFS

J7

De-14



**Female ORFS - Swivel
45° Elbow**

ISO 12151-1 - SWE 45°
SAE J516 – ORFS 45°

J9

De-15



**Female ORFS - Swivel
90° Elbow - Short Drop**

ISO 12151-1 - SWES
SAE J516 – ORFS 90°

Shell

Page Df-1

V4

Df-1



**Interlock
In-/Outside Skive**
4 Wire Hoses

V6

Df-1



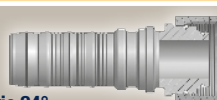
**Interlock
In-/Outside Skive**
6 Wire Hoses

DIN – Metric

Page Df-2 – Df-5

CA

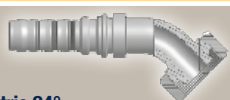
Df-2



**Female Metric 24°
Light Series with O-Ring
Swivel - Straight**
ISO 12151-2-SWS-L – DKOL

CE

Df-2



**Female Metric 24°
Light Series with O-Ring
Swivel - 45° Elbow**
ISO 12151-2-SWE-L – DKOL 45°

CF

Df-3



**Female Metric 24°
Light Series with O-Ring
Swivel - 90° Elbow**
ISO 12151-2-SWE-L – DKOL 90°

C9

Df-3



**Female Metric 24° - Swivel
Heavy Series with O-Ring
Straight**
ISO 12151-2-SWS-S – DKOS

OC

Df-4



**Female Metric 24° - Swivel
Heavy Series with O-Ring
45° Elbow**
ISO 12151-2-SWE-S – DKOS 45°

1C

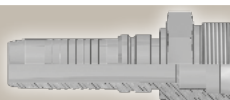
Df-4



**Female Metric 24° - Swivel
Heavy Series with O-Ring
90° Elbow**
ISO 12151-2-SWE-S – DKOS 90°

D2

Df-5



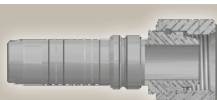
**Male Metric 24° - Rigid
Heavy Series - Straight**
ISO 12151-2-S-S – CES

BSP

Page Df-6 – Df-8

92

Df-6



**Female BSP Parallel Pipe
Swivel - Straight (60° Cone)**
BS5200-A – DKR

B1

Df-6



**Female BSP Parallel Pipe
Swivel
45° Elbow (60° Cone)**
BS 5200-D – DKR 45°

B2

Df-7



**Female BSP Parallel Pipe
Swivel
90° Elbow (60° Cone)**
BS 5200-B – DKR 90°

D9

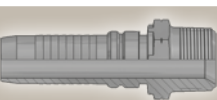
Df-7



**Male BSP Parallel Pipe
Rigid - Straight (60° Cone)**
BS5200 – AGR

91

Df-8



**Male BSP Taper Pipe - Rigid
Straight**
BS5200 – AGR-K

SAE

Page Df-9 – Df-11

01

Df-9



**Male NPTF Pipe
Rigid - Straight**
SAE J476A / J516 – AGN

03

Df-9



**Male JIC 37° - Rigid
Straight**
ISO12151-5-S – AGJ

06

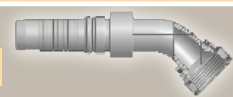
Df-10



**Female JIC 37° - Swivel
Straight**
ISO12151-5-SWS – DKJ

37

Df-10



**Female JIC 37° - Swivel
45° Elbow**
ISO 12151-5-SWE 45° – DKJ 45°

39

Df-11



**Female JIC 37° - Swivel
90° Elbow**
ISO 12151-5-SWS – DKJ 90°

Flange

Page Df-12 – Df-22

15/4A Df-12 ISO 6162-1-Flange Straight ISO 12151-3-S-L – SFL (35.0 MPa/ 5000 psi)	17/4F Df-13 ISO 6162-1-Flange 45° Elbow ISO 12151-3 - E45S - L – SFL 45° (35.0 MPa/ 5000 psi)	19/4N Df-14 ISO 6162-1-Flange 90° Elbow ISO 12151-3-E-L – SFL 90° (35.0 MPa/ 5000 psi)	6A Df-15 ISO 6162-2-Flange Straight ISO 12151-3-S-S – SFS (42.0 MPa/ 6000 psi)
6F Df-16 ISO 6162-2-Flange 45° Elbow - Heavy Series ISO 12151-3 - E45-S – SFS 45° (42.0 MPa/ 6000 psi)	6N Df-17 ISO 6162-2-Flange 90° Elbow ISO 12151-3 - E-S – SFS 90° (42.0 MPa/ 6000 psi)	8A Df-18 Flange - Straight 8000 psi	8F Df-18 Flange - 45° Elbow 8000 psi
8N Df-19 Flange - 90° Elbow 8000 psi	X5 Df-19 Flange - Straight Full flange system for ISO 6162-1 or ISO 6162-2	X7 Df-20 Flange - 45° Elbow Full flange system for ISO 6162-1 or ISO 6162-2	X9 Df-20 Flange - 90° Elbow Full flange system for ISO 6162-1 or ISO 6162-2
XA Df-21 Caterpillar® Flange Straight	XF Df-21 Caterpillar® Flange 45° Elbow	XG Df-22 Caterpillar® Flange 60° Elbow	XN Df-22 Caterpillar® Flange 90° Elbow

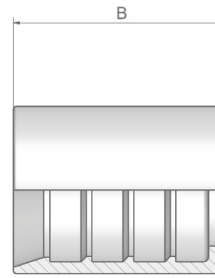
ORFS

Page Df-23 – Df-25

JC Df-23 Female ORFS Swivel - Straight Short ISO 12151-1 – SWSA SAE J516 – ORFS	JS Df-23 ORFS Swivel Female (Long) ISO 12151-1-SWSB SAE J516 – ORFS	J7 Df-24 Female ORFS - Swivel 45° Elbow ISO 12151-1 - SWE 45° SAE J516 – ORFS 45°	J9 Df-24 Female ORFS - Swivel 90° Elbow - Short Drop ISO 12151-1 - SWES SAE J516 – ORFS 90°
JM Df-25 ORFS Male ISO 12151-1-S – SAE J516			

VS

Interlock Outside Skive



Only for use with
adjustable crimpers.

Part Number	Hose I.D.				B mm
	DN	Inch	Size	mm	
100VS-4	6	1/4	-4	6.4	38
100VS-6	10	3/8	-6	9.5	36
100VS-8	12	1/2	-8	12.7	41

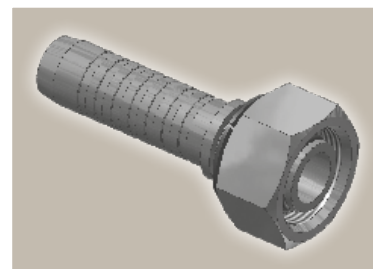
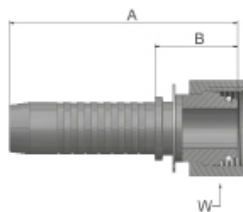
Approved **fitting series** for **hose types**, depending on size:



FA35

CA Female Metric 24° Light Series with O-Ring Swivel - Straight

ISO 12151-2-SWS-L – DKOL

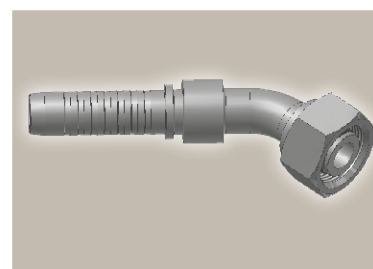
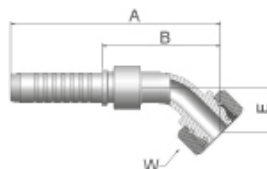


Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	W mm
	DN	Inch	Size	mm					
KCAVS-10-6	10	3/8	-6	9.5	M16x1.5	10	65	26	19
KCAVS-12-6	10	3/8	-6	9.5	M18x1.5	12	62	23	22
KCAVS-15-8	12	1/2	-8	12.7	M22x1.5	15	70	27	27

Fittings with standard O-ring seals can be used for temperatures from -40 °C up to +105 °C.
O-rings see section Eb. Special O-rings are available on request.

CE Female Metric 24° Light Series with O-Ring Swivel - 45° Elbow

ISO 12151-2-SWE -L – DKOL 45°



Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm						
KCEVS-12-6	10	3/8	-6	9.5	M18x1.5	12	94	55	20	22
KCEVS-15-8	12	1/2	-8	12.7	M22x1.5	15	104	62	24	27

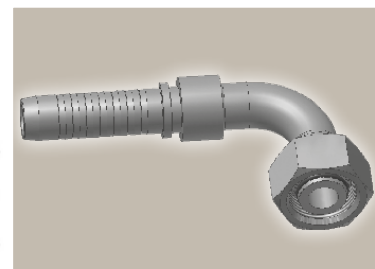
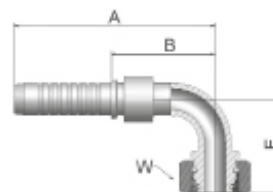
Fittings with standard O-ring seals can be used for temperatures from -40 °C up to +105 °C.
O-rings see section Eb. Special O-rings are available on request.

Approved **fitting series** for **hose types**, depending on size:

VS FA35

CF Female Metric 24° Light Series with O-Ring Swivel - 90° Elbow

ISO 12151-2-SWE-L – DKOL 90°

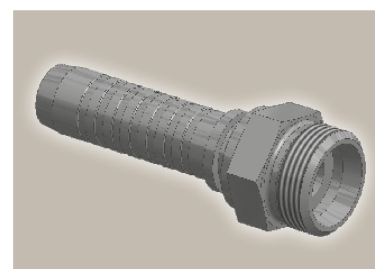
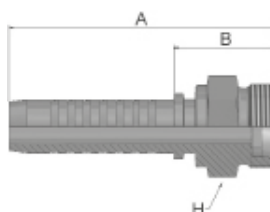


Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm						
KCFVS-12-6	10	3/8	-6	9.5	M18x1.5	12	83	45	36	22
KCFVS-15-8	12	1/2	-8	12.7	M22x1.5	15	92	50	45	27

Fittings with standard O-ring seals can be used for temperatures from -40 °C up to +105 °C.
O-rings see section Eb. Special O-rings are available on request.

D0 Male Metric 24° Light Series - Rigid Straight

ISO 12151-2-S-L – CEL



Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	H mm
	DN	Inch	Size	mm					
KDOVS-12-6	10	3/8	-6	9.5	M18x1.5	12	64	25	19
KDOVS-15-8	12	1/2	-8	12.7	M22x1.5	15	71	28	22

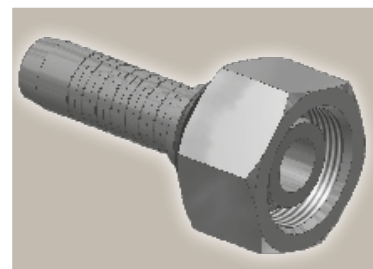
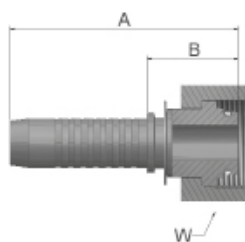
Approved **fitting series** for **hose types**, depending on size:



FA35

C9 Female Metric 24° - Swivel Heavy Series with O-Ring Straight

ISO 12151-2-SWS-S – DKOS

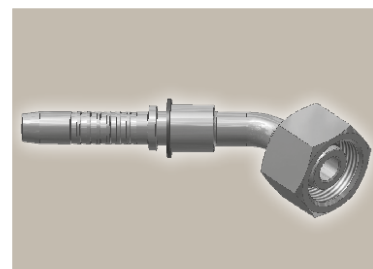
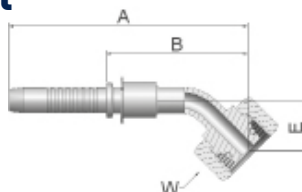


Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	W mm
	DN	Inch	Size	mm					
KC9VS-8-4	6	1/4	-4	6.4	M16x1.5	8	61	23	19
KC9VS-10-4	6	1/4	-4	6.4	M18x1.5	10	62	24	22
KC9VS-8-6	10	3/8	-6	9.5	M16x1.5	8	64	25	19
KC9VS-12-6	10	3/8	-6	9.5	M20x1.5	12	63	25	24
KC9VS-14-6	10	3/8	-6	9.5	M22x1.5	14	63	24	27
KC9VS-16-8	12	1/2	-8	12.7	M24x1.5	16	71	29	30
KC9VS-20-8	12	1/2	-8	12.7	M30x2	20	71	29	36

Fittings with standard O-ring seals can be used for temperatures from -40 °C up to +105 °C.
O-rings see section Eb. Special O-rings are available on request.

OC Female Metric 24° - Swivel Heavy Series with O-Ring 45° Elbow

ISO 12151-2 - SWE -S – DKOS 45°



Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm						
KOCVS-8-4	6	1/4	-4	6.4	M16x1.5	8	88	50	16	19
KOCVS-10-4	6	1/4	-4	6.4	M18x1.5	10	88	50	16	22
KOCVS-12-6	10	3/8	-6	9.5	M20x1.5	12	94	56	20	24
KOCVS-14-6	10	3/8	-6	9.5	M22x1.5	14	94	56	20	27
KOCVS-16-8	12	1/2	-8	12.7	M24x1.5	16	105	62	24	30

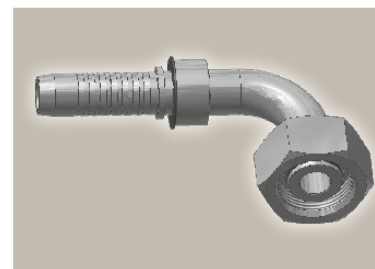
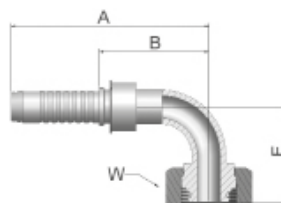
Fittings with standard O-ring seals can be used for temperatures from -40 °C up to +105 °C.
O-rings see section Eb. Special O-rings are available on request.

Approved **fitting series** for **hose types**, depending on size:

VS FA35

1C Female Metric 24° - Swivel Heavy Series with O-Ring 90° Elbow

ISO 12151-2-SWE-S – DKOS 90°

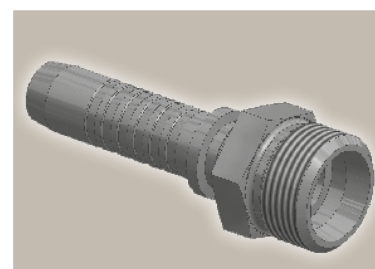
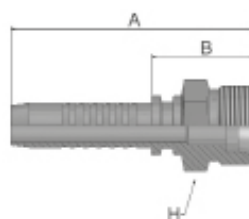


Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm						
K1CVS-8-4	6	1/4	-4	6.4	M16x1.5	8	79	41	29	19
K1CVS-10-4	6	1/4	-4	6.4	M18x1.5	10	79	41	29	22
K1CVS-12-6	10	3/8	-6	9.5	M20x1.5	12	83	45	37	24
K1CVS-14-6	10	3/8	-6	9.5	M22x1.5	12	83	45	37	27
K1CVS-16-8	12	1/2	-8	12.7	M24x1.5	16	93	51	45	30

Fittings with standard O-ring seals can be used for temperatures from -40 °C up to +105 °C.
O-rings see section Eb. Special O-rings are available on request.

D2 Male Metric 24° - Rigid Heavy Series - Straight

ISO 12151-2-S-S – CES



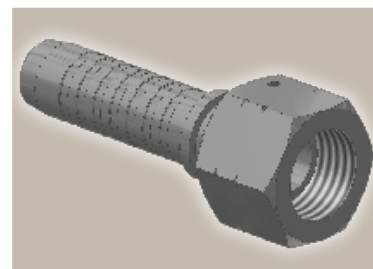
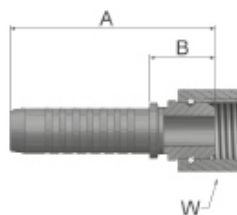
Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	H mm
	DN	Inch	Size	mm					
KD2VS-12-6	10	3/8	-6	9.5	M20x1.5	12	66	27	22
KD2VS-14-6	10	3/8	-6	9.5	M22x1.5	14	68	30	22
KD2VS-16-8	12	1/2	-8	12.7	M24x1.5	16	74	31	24

Approved **fitting series** for **hose types**, depending on size:



92 Female BSP Parallel Pipe Swivel - Straight (60° Cone)

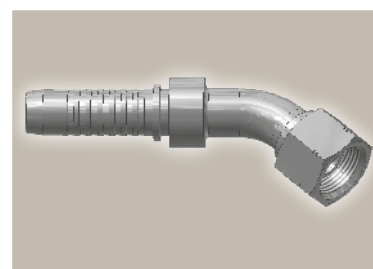
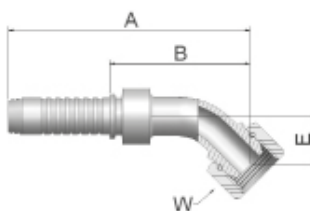
BS5200-A - DKR



Part Number	Hose I.D.				Thread BSP	A mm	B mm	W mm
	DN	Inch	Size	mm				
K92VS-6-6	10	3/8	-6	9.5	3/8x19	60	22	22
K92VS-8-6	10	3/8	-6	9.5	1/2x14	62	23	27
K92VS-8-8	12	1/2	-8	12.7	1/2x14	67	24	27
K92VS-10-8	12	1/2	-8	12.7	5/8x14	65	23	30

B1 Female BSP Parallel Pipe Swivel 45° Elbow (60° Cone)

BS 5200-D - DKR 45°



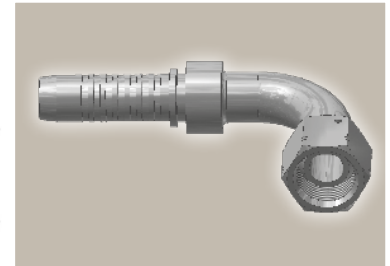
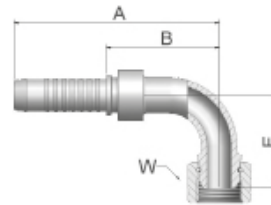
Part Number	Hose I.D.				Thread BSP	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm					
KB1VS-6-6	10	3/8	-6	9.5	3/8x19	90	52	17	22
KB1VS-8-8	12	1/2	-8	12.7	1/2x14	100	58	20	27
KB1VS-10-8	12	1/2	-8	12.7	5/8x14	99	57	19	30

Approved **fitting series** for **hose types**, depending on size:

VS FA35

B2 Female BSP Parallel Pipe Swivel 90° Elbow (60° Cone)

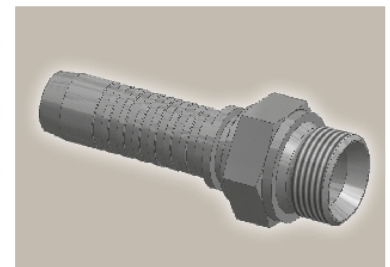
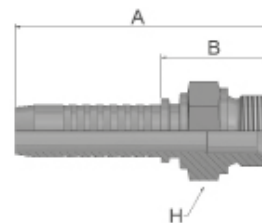
BS 5200-B – DKR 90°



Part Number	Hose I.D.				Thread BSP	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm					
KB2VS-6-6	10	3/8	-6	9.5	3/8x19	82	44	33	22
KB2VS-8-6	10	3/8	-6	9.5	1/2x14	83	45	36	27
KB2VS-8-8	12	1/2	-8	12.7	1/2x14	92	50	40	27
KB2VS-10-8	12	1/2	-8	12.7	5/8x14	92	50	38	30

D9 Male BSP Parallel Pipe Rigid - Straight (60° Cone)

BS5200 – AGR



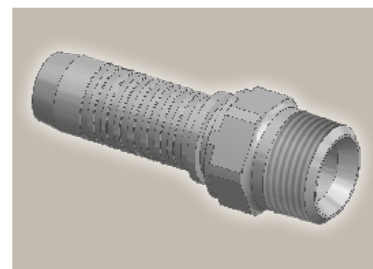
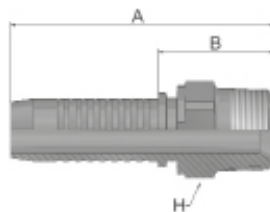
Part Number	Hose I.D.				Thread BSP	A mm	B mm	H mm
	DN	Inch	Size	mm				
KD9VS-4-4	6	1/4	-4	6.4	1/4x19	67	28	19
KD9VS-6-6	10	3/8	-6	9.5	3/8x19	71	33	22
KD9VS-8-8	12	1/2	-8	12.7	1/2x14	78	36	27

Approved **fitting series** for **hose types**, depending on size:



01 Male NPTF Pipe Rigid – Straight

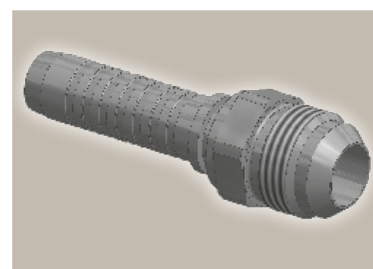
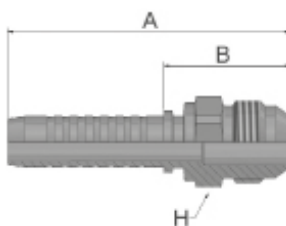
SAE J476A / J516 – AGN



Part Number	Hose I.D.				Thread NPTF	A mm	B mm	H mm
	DN	Inch	Size	mm				
K01VS-6-6	10	3/8	-6	9.5	3/8-18	71	33	19
K01VS-8-8	12	1/2	-8	12.7	1/2-14	83	40	22

03 Male JIC 37° - Rigid Straight

ISO12151-5-S – AGJ



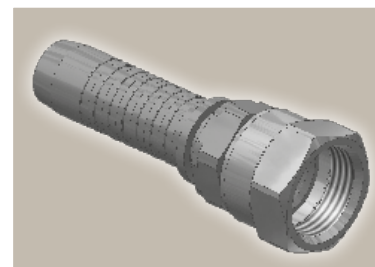
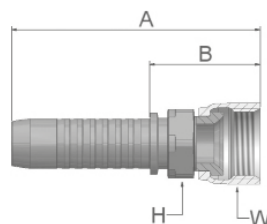
Part Number	Hose I.D.				Thread UNF	A mm	B mm	H mm
	DN	Inch	Size	mm				
K03VS-6-6	10	3/8	-6	9.5	9/16x18	71	32	19
K03VS-8-6	10	3/8	-6	9.5	3/4x16	69	31	22
K03VS-8-8	12	1/2	-8	12.7	3/4x16	79	36	22
K03VS-10-8	12	1/2	-8	12.7	7/8x14	77	35	24

Approved **fitting series** for **hose types**, depending on size:

VS FA35

06/68 Female – JIC 37° SAE 45° Dual Flare Swivel – Straight

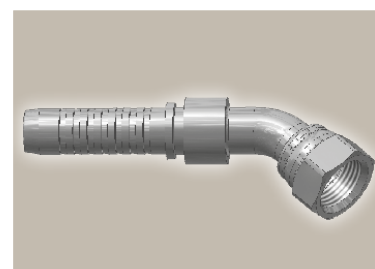
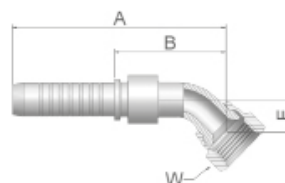
ISO12151-5-SWS – DKJ



Part Number	Hose I.D.				Thread UNF	A mm	B mm	H mm	W mm
	DN	Inch	Size	mm					
K68VS-4-4	6	1/4	-4	6.4	7/16 20	66	28	14	17
K06VS-6-6	10	3/8	-6	9.5	9/16x18	69	31	17	19
K68VS-8-6	10	3/8	-6	9.5	3/4x16	74	35	17	22
K68VS-8-8	12	1/2	-8	12.7	3/4x16	77	35	22	22
K68VS-10-8	12	1/2	-8	12.7	7/8x14	83	41	22	27
K06VS-12-8	12	1/2	-8	12.7	1 1/16x12	83	41	27	32

37/3V Female JIC 37° SAE 45° - Dual Flare Swivel Female 45° Elbow

ISO 12151-5-SWE 45° – DKJ 45°

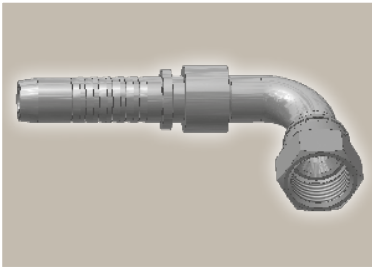
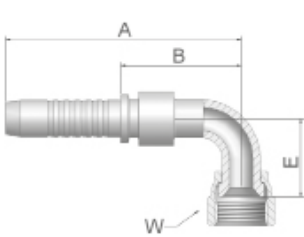


Part Number	Hose I.D.				Thread UNF	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm					
K37VS-6-6	10	3/8	-6	9.5	9/16x18	83	45	11	19
K3VVS-8-6	10	3/8	-6	9.5	3/4x16	87	49	15	22
K3VVS-8-8	12	1/2	-8	12.7	3/4x16	93	51	15	22
K3VVS-10-8	12	1/2	-8	12.7	7/8x14	94	52	16	27
K37VS-12-8	12	1/2	-8	12.7	1 1/16x12	99	57	21	32

Approved **fitting series** for **hose types**, depending on size:



39/3W Female JIC 37°
SAE 45° - Dual Flare
Swivel Female 90° Elbow
ISO 12151-5-SWES – DKJ 90°



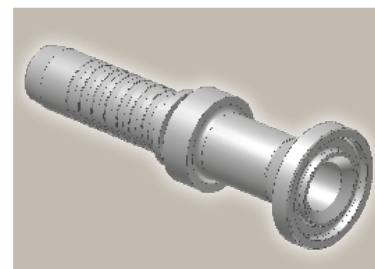
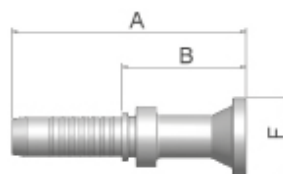
Part Number	 Hose I.D.				 Thread UNF	A mm	B mm	E mm	 W mm
	DN	Inch	Size	mm					
K39VS-6-6	10	3/8	-6	9.5	9/16x18	80	42	23	19
K3WVS-8-6	10	3/8	-6	9.5	3/4x16	80	42	29	22
K3WVS-8-8	12	1/2	-8	12.7	3/4x16	87	45	29	22
K3WVS-10-8	12	1/2	-8	12.7	7/8x14	87	45	32	27

Approved **fitting series** for **hose types**, depending on size:

 FA35
--

15 ISO 6162-1-Flange Straight

ISO 12151-3-S-L – SFL
(21.0 MPa/ 3000 psi)

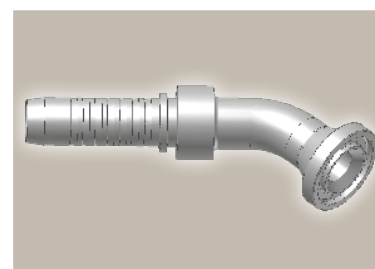
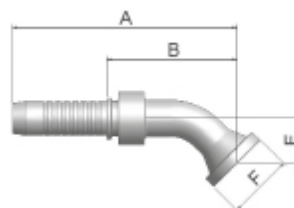


Part Number	Hose I.D.				Flange Inch	A mm	B mm	F mm
	DN	Inch	Size	mm				
K15VS-8-8	12	1/2	-8	12.7	1/2	102	59	30
K15VS-12-8	12	1/2	-8	12.7	3/4	77	34	38

SAE flange halves see in section Eb.

17 ISO 6162-1 Flange 45° Elbow

ISO 12151-3 - E45 - L – SFL 45°
(21.0 MPa/ 3000 psi)



Part Number	Hose I.D.				Flange Inch	A mm	B mm	E mm	F mm
	DN	Inch	Size	mm					
K17VS-8-8	12	1/2	-8	12.7	1/2	100	57	20	30
K17VS-12-8	12	1/2	-8	12.7	3/4	101	58	21	38

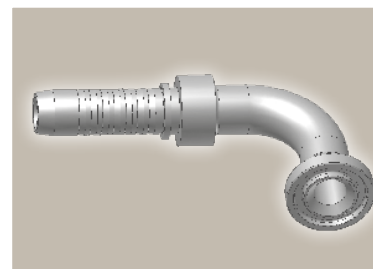
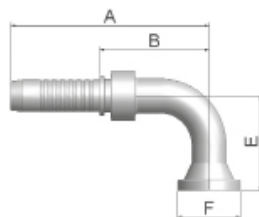
SAE flange halves see in section Eb.

Approved **fitting series** for **hose types**, depending on size:



19 ISO 6162-1-Flange 90° Elbow

ISO 12151-3 - E- L – SFL 90°
(21.0 MPa/ 3000 psi)

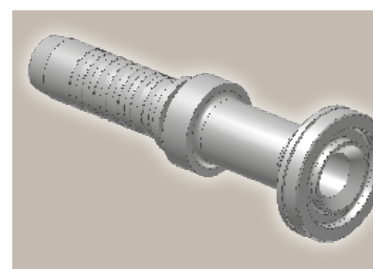
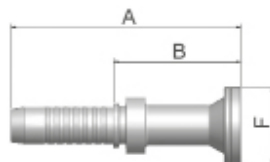


Part Number	Hose I.D.				Flange Inch	A mm	B mm	E mm	F mm
	DN	Inch	Size	mm					
K19VS-8-8	12	1/2	-8	12.7	1/2	92	50	41	30
K19VS-12-8	12	1/2	-8	12.7	3/4	92	50	42	38

SAE flange halves see in section Eb.

6A ISO 6162-2-Flange Straight

ISO 12151-3-S-S – SFS
(42.0 MPa/ 6000 psi)



Part Number	Hose I.D.				Flange Inch	A mm	B mm	F mm
	DN	Inch	Size	mm				
K6AVS-8-8	12	1/2	-8	12.7	1/2	105	63	32
K6AVS-12-8	12	1/2	-8	12.7	3/4	79	36	41

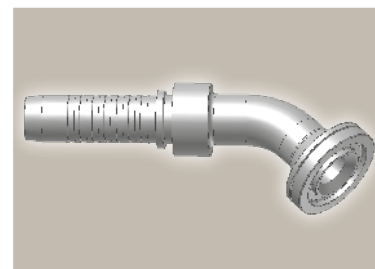
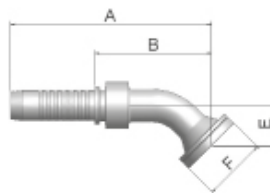
SAE flange halves see in section Eb.

Approved **fitting series** for **hose types**, depending on size:

VS FA35

6F ISO 6162-2-Flange 45° Elbow - Heavy Series

ISO 12151-3 - E45-S - SFS 45°
(42.0 MPa/ 6000 psi)

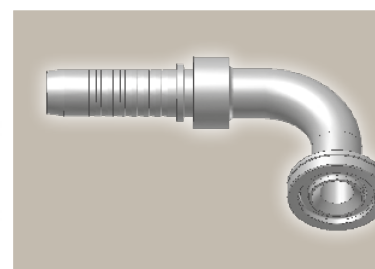
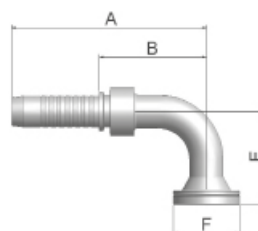


Part Number	Hose I.D.				Flange Inch	A mm	B mm	E mm	F mm
	DN	Inch	Size	mm					
K6FVS-8-8	12	1/2	-8	12.7	1/2	94	52	19	32
K6FVS-12-8	12	1/2	-8	12.7	3/4	106	64	26	41

SAE flange halves see in section Eb.

6N ISO 6162-2-Flange 90° Elbow

ISO 12151-3 - E-S - SFS 90°
(42.0 MPa/ 6000 psi)



Part Number	Hose I.D.				Flange Inch	A mm	B mm	E mm	F mm
	DN	Inch	Size	mm					
K6NVS-8-8	12	1/2	-8	12.7	1/2	87	45	41	32
K6NVS-12-8	12	1/2	-8	12.7	3/4	92	50	45	41

SAE flange halves see in section Eb.

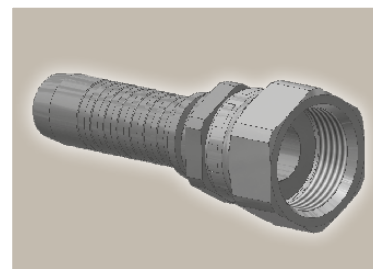
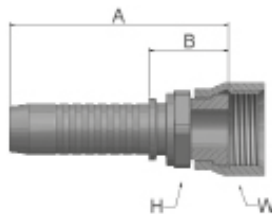
Approved **fitting series** for **hose types**, depending on size:



FA35

JC Female ORFS Swivel - Straight Short

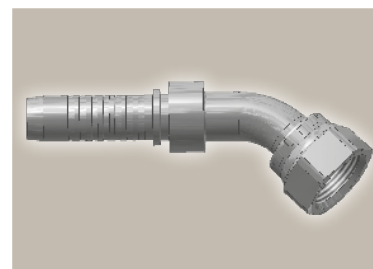
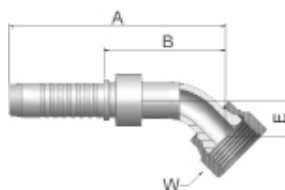
ISO 12151-1 – SWSA
SAE J516 – ORFS



Part Number	Hose I.D.				Thread UNF	A mm	B mm	H mm	W mm
	DN	Inch	Size	mm					
KJCVS-6-6	10	3/8	-6	9.5	11/16x16	60	22	17	22
KJCVS-8-6	10	3/8	-6	9.5	13/16x16	62	23	19	24
KJCVS-8-8	12	1/2	-8	12.7	13/16x16	67	24	22	24
KJCVS-10-8	12	1/2	-8	12.7	1x14	69	26	24	30

J7 Female ORFS - Swivel 45° Elbow

ISO 12151-1 - SWE 45°
SAE J516 – ORFS 45°



Part Number	Hose I.D.				Thread UNF	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm					
KJ7VS-6-6	10	3/8	-6	9.5	11/16x16	83	45	11	22
KJ7VS-8-6	10	3/8	-6	9.5	13/16x16	89	51	15	24
KJ7VS-8-8	12	1/2	-8	12.7	13/16x16	93	51	15	24
KJ7VS-10-8	12	1/2	-8	12.7	1x14	96	53	16	30

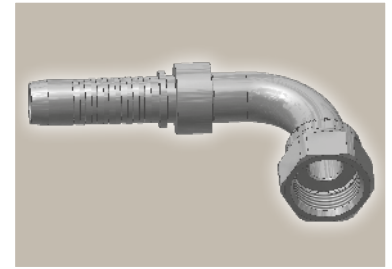
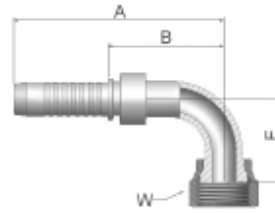
Approved **fitting series** for **hose types**, depending on size:

VS FA35

J9

**Female ORFS - Swivel
90° Elbow - Short Drop**

ISO 12151-1 - SWES
SAE J516 - ORFS 90°



Part Number	Hose I.D.				Thread UNF	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm					
KJ9VS-6-6	10	3/8	-6	9.5	11/16x16	80	42	23	22
KJ9VS-8-6	10	3/8	-6	9.5	13/16x16	83	45	29	24
KJ9VS-8-8	12	1/2	-8	12.7	13/16x16	87	45	29	24
KJ9VS-10-8	12	1/2	-8	12.7	1x14	88	46	30	30

Approved **fitting series** for **hose types**, depending on size:

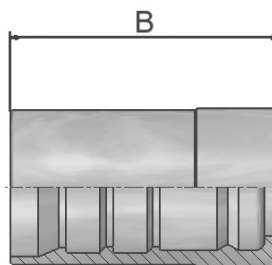


FA35

V4

Interlock In-/Outside Skive

4 Wire Hoses



Only for use with
adjustable crimpers.
Minimum of
320 tons crimping
force recommended.

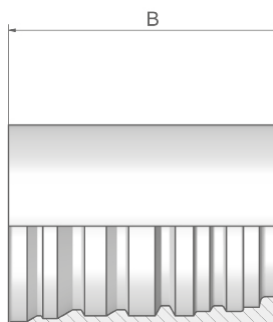
Part Number	Hose I.D.				B mm
	DN	Inch	Size	mm	
100V4-10	16	5/8	-10	15.9	49
100V4-12	19	3/4	-12	19.1	60
100V4-16	25	1	-16	25.4	75
100V4-20 *	31	1 1/4	-20	31.8	88
100V6-20 *	31	1 1/4	-20	31.8	90
100V4-24 *	38	1 1/2	-24	38.1	94

* not suitable for R42, R42TC and R42ST

V6

Interlock In-/Outside Skive

6 Wire Hoses

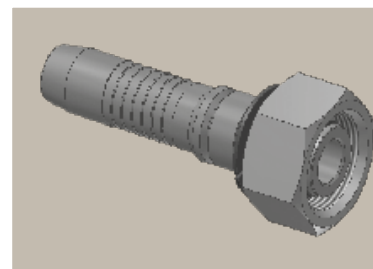
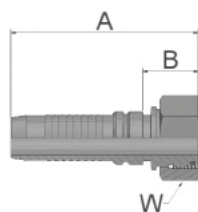


Only for use with
adjustable crimpers.
Minimum of
340 tons crimping
force required.

Part Number	Hose I.D.				B mm
	DN	Inch	Size	mm	
100V6-24	38	1 1/2	-24	38.1	96
100V6-32	51	2	-32	50.8	110
100V6-40	63	2 1/2	-40	63.5	134
100V6-48	76	3	-48	76.2	110

CA Female Metric 24° Light Series with O-Ring Swivel - Straight

ISO 12151-2-SWS-L – DKOL

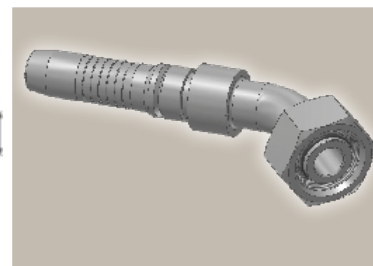
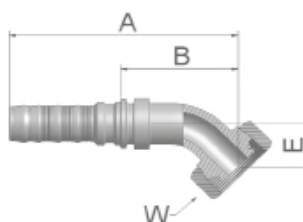


Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	W mm
	DN	Inch	Size	mm					
KCAV4-22-12	19	3/4	-12	19.1	M30x2	22	89	28	36
KCAV4-28-16	25	1	-16	25.4	M36x2	28	103	31	41
KCAV4-35-20	31	1 1/4	-20	31.8	M45x2	35	120	32	50
KCAV6-35-20	31	1 1/4	-20	31.8	M45x2	35	130	39	50
KCAV4-42-24	38	1 1/2	-24	38.1	M52x2	42	128	35	60
KCAV6-42-24	38	1 1/2	-24	38.1	M52x2	42	138	42	60

Fittings with standard O-ring seals can be used for temperatures from -40 °C up to +105 °C.
O-rings see section Eb. Special O-rings are available on request.

CE Female Metric 24° Light Series with O-Ring Swivel - 45° Elbow

ISO 12151-2-SWE -L – DKOL 45°



Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm						
KCEV4-22-12	19	3/4	-12	19.1	M30x2	22	137	75	29	36
KCEV4-35-20	31	1 1/4	-20	31.8	M45x2	35	197	109	37	50
KCEV6-35-20	31	1 1/4	-20	31.8	M45x2	35	188	97	37	50
KCEV6-42-24	38	1 1/2	-24	38.1	M52x2	42	226	130	49	60

Fittings with standard O-ring seals can be used for temperatures from -40 °C up to +105 °C.
O-rings see section Eb. Special O-rings are available on request.

Approved **fitting series** for **hose types**, depending on size:

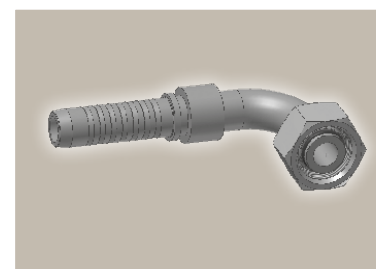
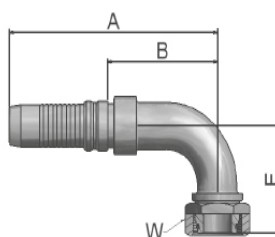
Also available in stainless steel. Details can be found in CAT 4400.1/UK

 V4	R42	R42TC	R42ST	R35	R35TC	RS35TC	R50TC	FA35	
 V6	R35	R35TC	RS35TC	R42	R42ST	R42TC	R50TC	FA35	CEM69TC

CF

**Female Metric 24°
Light Series with O-Ring
Swivel - 90° Elbow**

ISO 12151-2-SWE-L – DKOL 90°



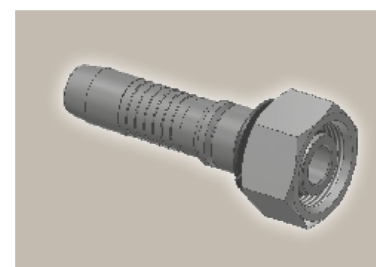
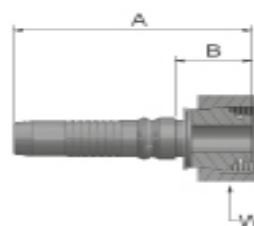
Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm						
KCFV4-22-16	25	1	-16	25.4	M30x2	22	150	77	70	36
KCFV4-35-20	31	1 1/4	-20	31.8	M45x2	35	186	98	79	50
KCFV6-35-20	31	1 1/4	-20	31.8	M45x2	35	177	86	79	50
KCFV6-42-24	38	1 1/2	-24	38.1	M52x2	42	209	113	101	60

Fittings with standard O-ring seals can be used for temperatures from -40 °C up to +105 °C.
O-rings see section Eb. Special O-rings are available on request.

C9

**Female Metric 24° - Swivel
Heavy Series with O-Ring
Straight**

ISO 12151-2-SWS-S – DKOS



Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	W mm
	DN	Inch	Size	mm					
KC9V4-20-10	16	5/8	-10	15.9	M30x2	20	87	27	36
KC9V4-20-12	19	3/4	-12	19.1	M30x2	20	88	26	36
KC9V4-25-12	19	3/4	-12	19.1	M36x2	25	91	30.3	46
KC9V4-30-12	19	3/4	-12	19.1	M42x2	30	95	33	50
KC9V4-25-16	25	1	-16	25.4	M36x2	25	103	30	46
KC9V4-30-16	25	1	-16	25.4	M42x2	30	108	35	50
KC9V4-38-16	25	1	-16	25.4	M52x2	38	110	37	60
KC9V4-30-20	31	1 1/4	-20	31.8	M42x2	30	123	35	50
KC9V4-38-20	31	1 1/4	-20	31.8	M52x2	38	126	38	60
KC9V6-30-20	31	1 1/4	-20	31.8	M42x2	30	131.5	41.5	50
KC9V6-38-20	31	1 1/4	-20	31.8	M52x2	38	135	44	60
KC9V4-38-24	38	1 1/2	-24	38.1	M52x2	38	129	36	60
KC9V6-38-24	38	1 1/2	-24	38.1	M52x2	38	139	43	60
KC9V6-54-32	51	2	-32	50.8	M68x2	54	175	65	80

Fittings with standard O-ring seals can be used for temperatures from -40 °C up to +105 °C.
O-rings see section Eb. Special O-rings are available on request.

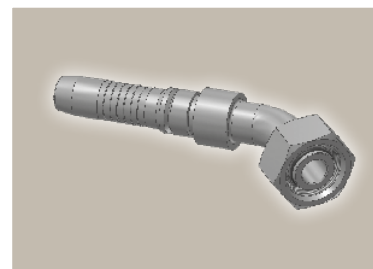
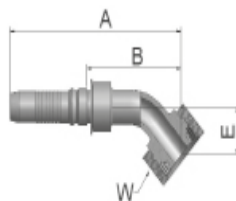
Approved **fitting series** for **hose types**, depending on size:

Also available in stainless steel. Details can be found in CAT 4400.1/UK

V4	R42	R42TC	R42ST	R35	R35TC	RS35TC	R50TC	FA35	
V6	R35	R35TC	RS35TC	R42	R42ST	R42TC	R50TC	FA35	CEM69TC

0C Female Metric 24° - Swivel Heavy Series with O-Ring 45° Elbow

ISO 12151-2 - SWE -S – DKOS 45°

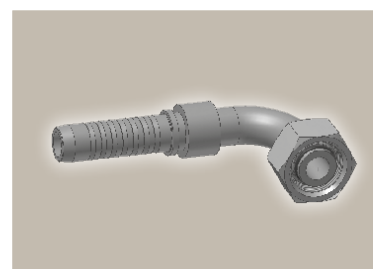
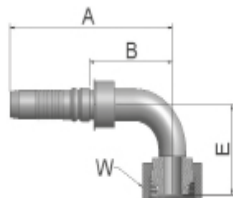


Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm						
K0CV4-20-10	16	5/8	-10	15.9	M30x2	20	124	65	26	36
K0CV4-20-12	19	3/4	-12	19.1	M30x2	20	138	76	30	36
K0CV4-25-12	19	3/4	-12	19.1	M36x2	25	137	76	29	46
K0CV4-25-16	25	1	-16	25.4	M36x2	25	161	88	33	46
K0CV4-30-16	25	1	-16	25.4	M42x2	30	162	88.7	33	50
K0CV4-30-20	31	1 1/4	-20	31.8	M42x2	30	193	105	34	50
K0CV4-38-20	31	1 1/4	-20	31.8	M52x2	38	197	108.7	37	60
K0CV6-30-20	31	1 1/4	-20	31.8	M42x2	30	184	93	34	50
K0CV6-38-20	31	1 1/4	-20	31.8	M52x2	38	187	96.3	37	60
K0CV4-38-24	38	1 1/2	-24	38.1	M52x2	38	227	133	49	60
K0CV6-38-24	38	1 1/2	-24	38.1	M52x2	38	226	130	49	60

Fittings with standard O-ring seals can be used for temperatures from -40 °C up to +105 °C.
O-rings see section Eb. Special O-rings are available on request.

1C Female Metric 24° - Swivel Heavy Series with O-Ring 90° Elbow

ISO 12151-2-SWE-S – DKOS 90°



Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm						
K1CV4-20-10	16	5/8	-10	15.9	M30x2	20	112	52.3	50	36
K1CV4-20-12	19	3/4	-12	19.1	M30x2	20	125	63	60	36
K1CV4-25-12	19	3/4	-12	19.1	M36x2	25	126	65	59	46
K1CV4-25-16	25	1	-16	25.4	M36x2	25	150	77	69	46
K1CV4-30-16	25	1	-16	25.4	M42x2	30	151	77.7	69	50
K1CV4-38-16	25	1	-16	25.4	M52x2	38	150	77	68	60
K1CV4-30-20	31	1 1/4	-20	31.8	M42x2	30	183	95	73	50
K1CV4-38-20	31	1 1/4	-20	31.8	M52x2	38	187	98.7	78	60
K1CV6-30-20	31	1 1/4	-20	31.8	M42x2	30	169	78	69	50
K1CV6-38-20	31	1 1/4	-20	31.8	M52x2	38	177	86.3	78	60
K1CV4-38-24	38	1 1/2	-24	38.1	M52x2	38	210	117	101	60
K1CV6-38-24	38	1 1/2	-24	38.1	M52x2	38	209	113	101	60

Fittings with standard O-ring seals can be used for temperatures from -40 °C up to +105 °C.
O-rings see section Eb. Special O-rings are available on request.

Approved **fitting series** for **hose types**, depending on size:

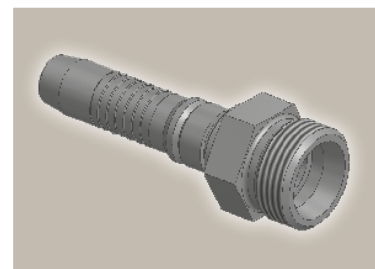
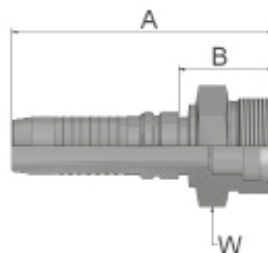
Also available in stainless steel. Details can be found in CAT 4400.1/UK

V4	R42	R42TC	R42ST	R35	R35TC	RS35TC	R50TC	FA35	
V6	R35	R35TC	RS35TC	R42	R42ST	R42TC	R50TC	FA35	CEM69TC

D2

Male Metric 24° - Rigid Heavy Series - Straight

ISO 12151-2-S-S – CES



Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	H mm
	DN	Inch	Size	mm					
KD2V4-20-12	19	3/4	-12	19.1	M30x2	20	96	34	30
KD2V4-25-12	19	3/4	-12	19.1	M36x2	25	98	36.3	36
KD2V4-25-16	25	1	-16	25.4	M36x2	25	110.3	37.7	46
KD2V4-30-16	25	1	-16	25.4	M42x2	30	115	41.7	46
KD2V4-38-20	31	1 1/4	-20	31.8	M52x2	38	135	46.7	55
KD2V6-30-20	31	1 1/4	-20	31.8	M42x2	30	140	59	46
KD2V6-38-20	31	1 1/4	-20	31.8	M52x2	38	142	51	55
KD2V4-38-24	38	1 1/2	-24	38.1	M52x2	38	139	46	55
KD2V6-38-24	38	1 1/2	-24	38.1	M52x2	38	151	55	55

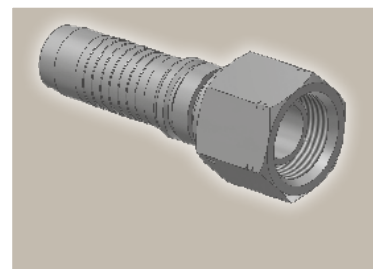
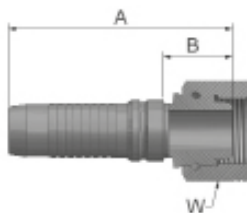
Approved **fitting series** for **hose types**, depending on size:

Also available in stainless steel. Details can be found in CAT 4400.1/UK

 V4	R42	R42TC	R42ST	R35	R35TC	RS35TC	R50TC	FA35	
 V6	R35	R35TC	RS35TC	R42	R42ST	R42TC	R50TC	FA35	CEM69TC

92 Female BSP Parallel Pipe Swivel - Straight (60° Cone)

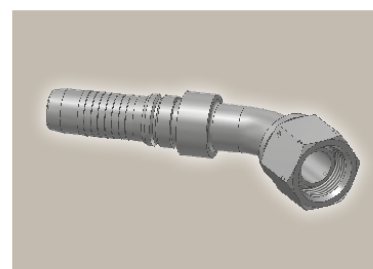
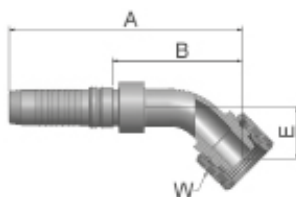
BS5200-A – DKR



Part Number	Hose I.D.				Thread BSP	A mm	B mm	W mm
	DN	Inch	Size	mm				
K92V4-10-10	16	5/8	-10	15.9	5/8x14	80	20.3	30
K92V4-12-12	19	3/4	-12	19.1	3/4x14	85	23.3	32
K92V4-16-12	19	3/4	-12	19.1	1x11	93	31.3	41
K92V4-16-16	25	1	-16	25.4	1x11	105	32	41
K92V4-20-20	31	1 1/4	-20	31.8	1 1/4x11	118	30	50
K92V6-20-20	31	1 1/4	-20	31.8	1 1/4x11	127	36	50
K92V4-24-24	38	1 1/2	-24	38.1	1 1/2x11	124	30.9	55
K92V6-24-24	38	1 1/2	-24	38.1	1 1/2x11	134	38	55
K92V4-32-32	51	2	-32	50.8	2x11	131	34.2	70
K92V6-32-32	51	2	-32	50.8	2x11	151	41	70

B1 Female BSP Parallel Pipe Swivel 45° Elbow (60° Cone)

BS 5200-D – DKR 45°



Part Number	Hose I.D.				Thread BSP	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm					
KB1V4-12-12	19	3/4	-12	19.1	3/4x14	134	72.3	26	32
KB1V4-16-16	25	1	-16	25.4	1x11	164	91	36	41
KB1V4-20-20	31	1 1/4	-20	31.8	1 1/4x11	198	109.7	38	50
KB1V6-20-20	31	1 1/4	-20	31.8	1 1/4x11	194	103	43	50
KB1V4-24-24	38	1 1/2	-24	38.1	1 1/2x11	230	137	52	55
KB1V6-24-24	38	1 1/2	-24	38.1	1 1/2x11	229	133	52	55
KB1V4-32-32	51	2	-32	50.8	2x11	277	180	70	70
KB1V6-32-32	51	2	-32	50.8	2x11	288	178	70	70

Approved **fitting series** for **hose types**, depending on size:

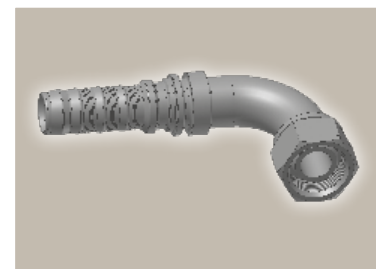
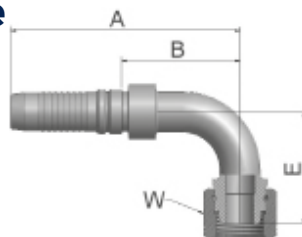
Also available in stainless steel. Details can be found in CAT 4400.1/UK

V4	R42	R42TC	R42ST	R35	R35TC	RS35TC	R50TC	FA35	
V6	R35	R35TC	RS35TC	R42	R42ST	R42TC	R50TC	FA35	CEM69TC

B2

Female BSP Parallel Pipe Swivel 90° Elbow (60° Cone)

BS 5200-B – DKR 90°

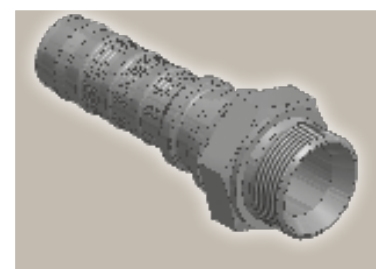
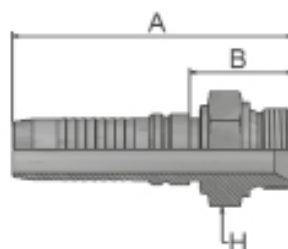


Part Number	Hose I.D.				Thread BSP	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm					
KB2V4-12-12	19	3/4	-12	19.1	3/4x14	125	63.3	55	32
KB2V4-16-16	25	1	-16	25.4	1x11	150	77	74	41
KB2V4-20-20	31	1 1/4	-20	31.8	1 1/4x11	186	98.7	80	50
KB2V6-20-20	31	1 1/4	-20	31.8	1 1/4x11	177	86	80	50
KB2V4-24-24	38	1 1/2	-24	38.1	1 1/2x11	210	116.9	103	55
KB2V6-24-24	38	1 1/2	-24	38.1	1 1/2x11	209	113	103	55
KB2V4-32-32	51	2	-32	50.8	2x11	257	160	149	70
KB2V6-32-32	51	2	-32	50.8	2x11	268	157	149	70

D9

Male BSP Parallel Pipe Rigid - Straight (60° Cone)

BS5200 – AGR



Part Number	Hose I.D.				Thread BSP	A mm	B mm	H mm
	DN	Inch	Size	mm				
KD9V4-10-10	16	5/8	-10	15.9	5/8x14	94	35	30
KD9V4-12-12	19	3/4	-12	19.1	3/4x14	99	37.3	32
KD9V4-16-16	25	1	-16	25.4	1x11	115	42.7	41
KD9V4-20-20	31	1 1/4	-20	31.8	1 1/4x11	134	46.2	50
KD9V6-20-20	31	1 1/4	-20	31.8	1 1/4x11	139	48	50
KD9V4-24-24	38	1 1/2	-24	38.1	1 1/2x11	142	48.4	55
KD9V6-24-24	38	1 1/2	-24	38.1	1 1/2x11	155	58	55
KD9V4-32-32	51	2	-32	50.8	2x11	148	50	70
KD9V6-32-32	51	2	-32	50.8	2x11	168	58	70

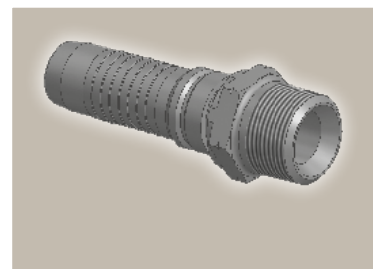
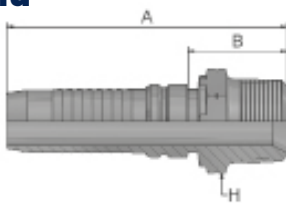
Approved **fitting series** for hose types, depending on size:

Also available in stainless steel. Details can be found in CAT 4400.1/UK

 V4	R42	R42TC	R42ST	R35	R35TC	RS35TC	R50TC	FA35	
 V6	R35	R35TC	RS35TC	R42	R42ST	R42TC	R50TC	FA35	CEM69TC

91 Male BSP Taper Pipe - Rigid Straight

BS5200 – AGR-K



Part Number	Hose I.D.				Thread BSP	A mm	B mm	H mm
	DN	Inch	Size	mm				
K91V4-12-12	19	3/4	-12	19.1	3/4x14	99	37	30
K91V4-16-16	25	1	-16	25.4	1x11	113	40	36
K91V4-20-20	31	1 1/4	-20	31.8	1 1/4x11	138	50	46
K91V4-24-24	38	1 1/2	-24	38.1	1 1/2x11	144	59	55
K91V4-32-32	51	2	-32	50.8	2x11	154	56	65

Approved **fitting series** for **hose types**, depending on size:

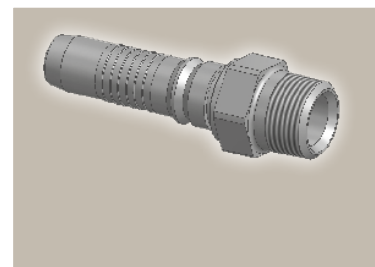
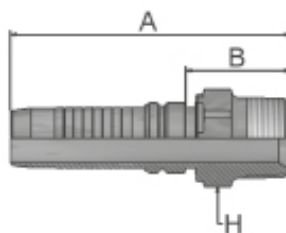
Also available in stainless steel. Details can be found in CAT 4400.1/UK

V4	R42	R42TC	R42ST	R35	R35TC	RS35TC	R50TC	FA35	
V6	R35	R35TC	RS35TC	R42	R42ST	R42TC	R50TC	FA35	CEM69TC

01

Male NPTF Pipe Rigid – Straight

SAE J476A/ J516 – AGN

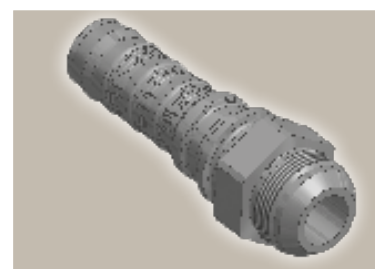
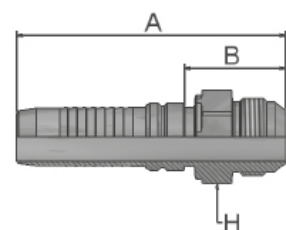


Part Number	Hose I.D.				Thread NPTF	A mm	B mm	H mm
	DN	Inch	Size	mm				
K01V4-12-12	19	3/4	-12	19.1	3/4-14	100	38.3	30
K01V4-16-16	25	1	-16	25.4	1-11 1/2	116.5	43.9	36
K01V4-20-20	31	1 1/4	-20	31.8	1 1/4-11 1/2	146	58.2	46
K01V6-20-20	31	1 1/4	-20	31.8	1 1/4-11 1/2	151	60.2	46
K01V4-24-24	38	1 1/2	-24	38.1	1 1/2-11 1/2	148.4	55.3	50
K01V6-24-24	38	1 1/2	-24	38.1	1 1/2-11 1/2	159	62.7	50
K01V4-32-32	51	2	-32	50.8	2-11 1/2	159.8	62.3	65
K01V6-32-32	51	2	-32	50.8	2-11 1/2	181	70	65

03

Male JIC 37° - Rigid Straight

ISO12151-5-S – AGJ



Part Number	Hose I.D.				Thread UNF	A mm	B mm	H mm
	DN	Inch	Size	mm				
K03V4-12-12	19	3/4	-12	19.1	1 1/16x12	101	39.3	30
K03V4-16-12	19	3/4	-12	19.1	1 5/16x12	103	41.3	36
K03V4-16-16	25	1	-16	25.4	1 5/16x12	117	44.1	36
K03V4-20-16	25	1	-16	25.4	1 5/8x12	122	49.5	46
K03V4-20-20	31	1 1/4	-20	31.8	1 5/8x12	139	50.7	46
K03V4-24-20	31	1 1/4	-20	31.8	1 7/8x12	139	51	50
K03V6-20-20	31	1 1/4	-20	31.8	1 5/8x12	147	56	46
K03V4-24-24	38	1 1/2	-24	38.1	1 7/8x12	146	52.6	50
K03V6-24-24	38	1 1/2	-24	38.1	1 7/8x12	156	60	50
K03V4-32-32	51	2	-32	50.8	2 1/2x12	161	64	65
K03V6-32-32	51	2	-32	50.8	2 1/2x12	182	72	65

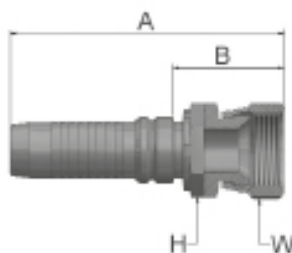
Approved **fitting series** for hose types, depending on size:

Also available in stainless steel. Details can be found in CAT 4400.1/UK

 V4	R42	R42TC	R42ST	R35	R35TC	RS35TC	R50TC	FA35	
 V6	R35	R35TC	RS35TC	R42	R42ST	R42TC	R50TC	FA35	CEM69TC

06 Female JIC 37° – Swivel Straight

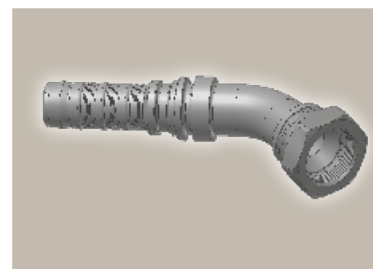
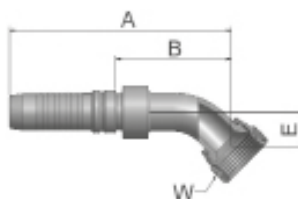
ISO12151-5-SWS – DKJ



Part Number	Hose I.D.				Thread UNF	A mm	B mm	H mm	W mm
	DN	Inch	Size	mm					
K06V4-12-12	19	3/4	-12	19.1	1 1/16x12	105	43	30	32
K06V4-16-12	19	3/4	-12	19.1	1 5/16x12	109	48	36	41
K06V4-16-16	25	1	-16	25.4	1 5/16x12	122	50	36	41
K06V4-20-16	25	1	-16	25.4	1 5/8x12	125	52	41	50
K06V4-20-20	31	1 1/4	-20	31.8	1 5/8x12	146	58	46	50
K06V4-24-20	31	1 1/4	-20	31.8	1 7/8x12	150	63	50	60
K06V6-20-20	31	1 1/4	-20	31.8	1 5/8x12	154	63	46	50
K06V6-24-20	31	1 1/4	-20	31.8	1 7/8x12	159	68	50	60
K06V4-24-24	38	1 1/2	-24	38.1	1 7/8x12	152	59	50	60
K06V6-24-24	38	1 1/2	-24	38.1	1 7/8x12	163	67	50	60
K06V4-32-32	51	2	-32	50.8	2 1/2x12	168	70	65	75
K06V6-32-32	51	2	-32	50.8	2 1/2x12	188	77	65	75

37 Female JIC 37° - Swivel 45° Elbow

ISO 12151-5-SWE 45° – DKJ 45°



Part Number	Hose I.D.				Thread UNF	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm					
K37V4-12-12	19	3/4	-12	19.1	1 1/16x12	129	67	22	32
K37V4-16-16	25	1	-16	25.4	1 5/16x12	152	79.7	24	41
K37V4-20-20	31	1 1/4	-20	31.8	1 5/8x12	201	113	42	50
K37V6-20-20	31	1 1/4	-20	31.8	1 5/8x12	192	101	42	50
K37V4-24-24	38	1 1/2	-24	38.1	1 7/8x12	227	133.9	49	60
K37V6-24-24	38	1 1/2	-24	38.1	1 7/8x12	235	139	58	60
K37V4-32-32	51	2	-32	50.8	2 1/2x12	279	182	72	75
K37V6-32-32	51	2	-32	50.8	2 1/2x12	290	180	72	75

Approved **fitting series** for **hose types**, depending on size:

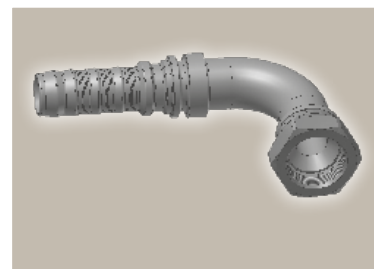
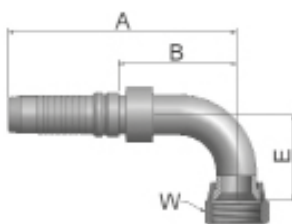
Also available in stainless steel. Details can be found in CAT 4400.1/UK

V4 R42 R42TC R42ST R35 R35TC RS35TC R50TC FA35

V6 R35 R35TC RS35TC R42 R42ST R42TC R50TC FA35 CEM69TC

39 Female JIC 37° - Swivel 90° Elbow

ISO 12151-5-SWES - DKJ 90°



Part Number	Hose I.D.				Thread UNF	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm					
K39V4-12-12	19	3/4	-12	19.1	1 1/16x12	125	63.3	48	32
K39V4-16-12	19	3/4	-12	19.1	1 5/16x12	125	63.3	56	41
K39V4-16-16	25	1	-16	25.4	1 5/16x12	150	77.7	56	41
K39V4-20-16	25	1	-16	25.4	1 5/8x12	150	77	62	50
K39V4-20-20	31	1 1/4	-20	31.8	1 5/8x12	186	98	85	50
K39V4-24-20	31	1 1/4	-20	31.8	1 7/8x12	186	98	80	60
K39V6-20-20	31	1 1/4	-20	31.8	1 5/8x12	177	86	85	50
K39V4-24-24	38	1 1/2	-24	38.1	1 7/8x12	210	116.9	102	60
K39V6-24-24	38	1 1/2	-24	38.1	1 7/8x12	209	113	102	60
K39V4-32-32	51	2	-32	50.8	2 1/2x12	257	160	152	75
K39V6-32-32	51	2	-32	50.8	2 1/2x12	268	157	152	75

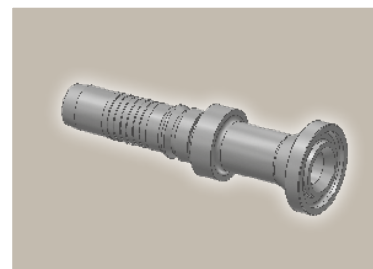
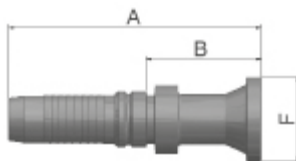
Approved **fitting series** for **hose types**, depending on size:

Also available in stainless steel. Details can be found in CAT 4400.1/UK

 V4	R42	R42TC	R42ST	R35	R35TC	RS35TC	R50TC	FA35	
 V6	R35	R35TC	RS35TC	R42	R42ST	R42TC	R50TC	FA35	CEM69TC

15/4A ISO 6162-1-Flange Straight

ISO 12151-3-S-L – SFL
(35.0 MPa/ 5000 psi)



Part Number	Hose I.D.				Flange Inch	A mm	B mm	F mm
	DN	Inch	Size	mm				
K15V4-12-12	19	3/4	-12	19.1	3/4	119	58	38
K15V4-16-12	19	3/4	-12	19.1	1	100	38.3	45
K15V4-12-16	25	1	-16	25.4	3/4	134.8	62.2	38
K15V4-16-16	25	1	-16	25.4	1	133	61	45
K4AV4-20-16	25	1	-16	25.4	1 1/4	101	28	51
K15V4-16-20	31	1 1/4	-20	31.8	1	152	64	45
K4AV4-20-20	31	1 1/4	-20	31.8	1 1/4	160	72	51
K4AV4-24-20	31	1 1/4	-20	31.8	1 1/2	126	38.7	60
K15V6-16-20	31	1 1/4	-20	31.8	1	161	70	44
K4AV6-20-20	31	1 1/4	-20	31.8	1 1/4	167	76	51
K4AV6-24-20	31	1 1/4	-20	31.8	1 1/2	165	74	60
K4AV4-20-24	38	1 1/2	-24	38.1	1 1/4	167	73	51
K4AV4-24-24	38	1 1/2	-24	38.1	1 1/2	190	97	60
K4AV4-32-24	38	1 1/2	-24	38.1	2	149	56	71
K4AV6-24-24	38	1 1/2	-24	38.1	1 1/2	201	105	60
K4AV6-32-24	38	1 1/2	-24	38.1	2	159	63	71
K4AV4-32-32	51	2	-32	50.8	2	189	92	71
K4AV6-32-32	51	2	-32	50.8	2	210	100	71

Approved **fitting series** for **hose types**, depending on size:

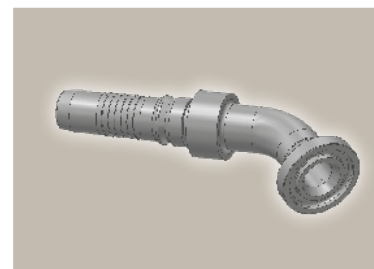
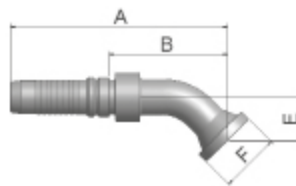
Also available in stainless steel. Details can be found in CAT 4400.1/UK

V4 R42 R42TC R42ST R35 R35TC RS35TC R50TC FA35

V6 R35 R35TC RS35TC R42 R42ST R42TC R50TC FA35 CEM69TC

17/4F ISO 6162-1-Flange 45° Elbow

ISO 12151-3 - E45S - L - SFL 45°
(35.0 MPa/ 5000 psi)



Part Number	Hose I.D.				Flange Inch	A mm	B mm	E mm	F mm
	DN	Inch	Size	mm					
K17V4-12-12	19	3/4	-12	19.1	3/4	133	72	26	38
K17V4-16-12	19	3/4	-12	19.1	1	133	72	26	45
K4FV4-20-12	19	3/4	-12	19.1	1 1/4	133	71	25	51
K17V4-16-16	25	1	-16	25.4	1	160	87	32	45
K4FV4-20-16	25	1	-16	25.4	1 1/4	160	87	32	51
K17V4-16-20	31	1 1/4	-20	31.8	1	198	109.7	38	45
K4FV4-20-20	31	1 1/4	-20	31.8	1 1/4	198	109.7	38	51
K4FV4-24-20	31	1 1/4	-20	31.8	1 1/2	198	109.7	38	60
K17V6-16-20	31	1 1/4	-20	31.8	1	188	97	38	44
K4FV6-20-20	31	1 1/4	-20	31.8	1 1/4	188	97	38	51
K4FV6-24-20	31	1 1/4	-20	31.8	1 1/2	188	97	38	60
K4FV4-24-24	38	1 1/2	-24	38.1	1 1/2	222	128.9	44	60
K4FV4-32-24	38	1 1/2	-24	38.1	2	222	128.9	44	71
K4FV6-20-24	38	1 1/2	-24	38.1	1 1/4	201	105	44	51
K4FV6-24-24	38	1 1/2	-24	38.1	1 1/2	221	125	44	60
K4FV6-32-24	38	1 1/2	-24	38.1	2	221	125	44	71
K4FV4-32-32	51	2	-32	50.8	2	269	171	62	71
K4FV6-32-32	51	2	-32	50.8	2	280	169	62	71

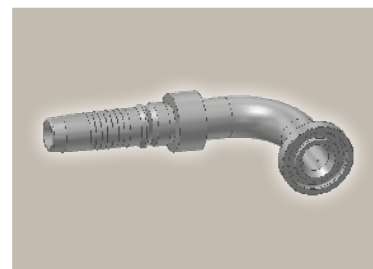
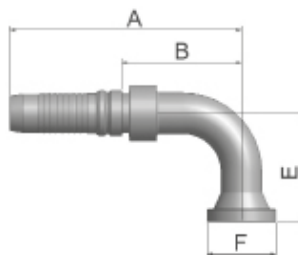
Approved **fitting series** for **hose types**, depending on size:

Also available in stainless steel. Details can be found in CAT 4400.1/UK

 V4	R42	R42TC	R42ST	R35	R35TC	RS35TC	R50TC	FA35	
 V6	R35	R35TC	RS35TC	R42	R42ST	R42TC	R50TC	FA35	CEM69TC

19/4N ISO 6162-1-Flange 90° Elbow

ISO 12151-3-E-L – SFL 90°
(35.0 MPa/ 5000 psi)



Part Number	Hose I.D.				Flange Inch	A mm	B mm	E mm	F mm
	DN	Inch	Size	mm					
K19V4-12-12	19	3/4	-12	19.1	3/4	125	63.3	58	38
K19V4-16-12	19	3/4	-12	19.1	1	125	63.3	58	45
K19V4-16-16	25	1	-16	25.4	1	150	77.7	70	45
K4NV4-20-16	25	1	-16	25.4	1 1/4	150	77	69	51
K19V4-16-20	31	1 1/4	-20	31.8	1	186	98	90	45
K4NV4-20-20	31	1 1/4	-20	31.8	1 1/4	186	98.2	90	51
K4NV4-24-20	31	1 1/4	-20	31.8	1 1/2	186	98	90	60
K4NV4-24-20-SL110	31	1 1/4	-20	31.8	1 1/2	186	98	110	60
K19V6-16-20	31	1 1/4	-20	31.8	1	177	86	90	44
K4NV6-20-20	31	1 1/4	-20	31.8	1 1/4	177	86	90	51
K4NV6-24-20	31	1 1/4	-20	31.8	1 1/2	177	86	90	60
K4NV4-20-24	38	1 1/2	-24	38.1	1 1/4	197	103	104	51
K4NV4-24-24	38	1 1/2	-24	38.1	1 1/2	210	116.9	104	60
K4NV4-24-24-SL150	38	1 1/2	-24	38.1	1 1/2	210	116.9	150	60
K4NV4-24-24-SL200	38	1 1/2	-24	38.1	1 1/2	210	116.9	200	60
K4NV4-32-24	38	1 1/2	-24	38.1	2	210	116.9	104	71
K4NV6-20-24	38	1 1/2	-24	38.1	1 1/4	184	88	104	51
K4NV6-24-24	38	1 1/2	-24	38.1	1 1/2	209	113	104	60
K4NV6-32-24	38	1 1/2	-24	38.1	2	209	113	104	71
K4NV4-24-32	51	2	-32	50.8	1 1/2	227	130	138	60
K4NV4-32-32	51	2	-32	50.8	2	257	160.2	138	71
K4NV6-32-32	51	2	-32	50.8	2	268	157	138	71

Approved **fitting series** for **hose types**, depending on size:

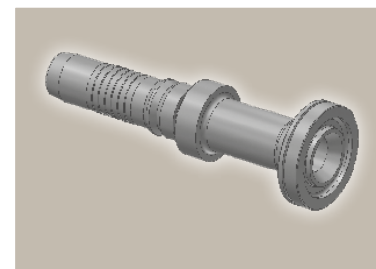
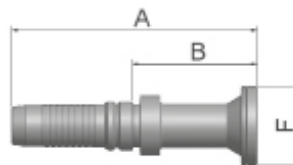
Also available in stainless steel. Details can be found in CAT 4400.1/UK

V4	R42	R42TC	R42ST	R35	R35TC	RS35TC	R50TC	FA35	
V6	R35	R35TC	RS35TC	R42	R42ST	R42TC	R50TC	FA35	CEM69TC

6A

ISO 6162-2-Flange Straight

ISO 12151-3-S-S – SFS
(42.0 MPa/ 6000 psi)



Part Number	Hose I.D.				Flange Inch	A mm	B mm	F mm
	DN	Inch	Size	mm				
K6AV4-8-10	16	5/8	-10	15.9	1/2	121	62	32
K6AV4-12-10	16	5/8	-10	15.9	3/4	94	33.8	41
K6AV4-12-12	19	3/4	-12	19.1	3/4	126	64.4	41
K6AV4-16-12	19	3/4	-12	19.1	1	100	38	48
K6AV4-12-16	25	1	-16	25.4	3/4	150	77	41
K6AV4-16-16	25	1	-16	25.4	1	148	75	48
K6AV4-20-16	25	1	-16	25.4	1 1/4	116	44	54
K6AV4-24-16	25	1	-16	25.4	1 1/2	118	45	64
K6AV4-16-20	31	1 1/4	-20	31.8	1	166	78	48
K6AV4-20-20	31	1 1/4	-20	31.8	1 1/4	166	78	54
K6AV4-24-20	31	1 1/4	-20	31.8	1 1/2	139	51	64
K6AV6-16-20	31	1 1/4	-20	31.8	1	175	84	48
K6AV6-20-20	31	1 1/4	-20	31.8	1 1/4	175	83	54
K6AV6-24-20	31	1 1/4	-20	31.8	1 1/2	147	56	64
K6AV4-20-24	38	1 1/2	-24	38.1	1 1/4	174	81	54
K6AV4-24-24	38	1 1/2	-24	38.1	1 1/2	192	99	64
K6AV4-32-24	38	1 1/2	-24	38.1	2	184	91	79
K6AV6-20-24	38	1 1/2	-24	38.1	1 1/4	185	89	54
K6AV6-24-24	38	1 1/2	-24	38.1	1 1/2	202	106	64
K6AV6-32-24	38	1 1/2	-24	38.1	2	194	98	79
K6AV4-24-32	51	2	-32	50.8	1 1/2	198	101	64
K6AV4-32-32	51	2	-32	50.8	2	212	115	79
K6AV6-24-32	51	2	-32	50.8	1 1/2	219	108.3	64
K6AV6-32-32	51	2	-32	50.8	2	233	122	79
K6AV6-32-40	63	2 1/2	-40	63.5	2	252	117	79
K6AV6-40-40	63	2 1/2	-40	63.5	2 1/2	253	118	108
K6AV6-48-40	63	2 1/2	-40	63.5	3	250	115	132
K6AV6-48-48	76	3	-48	76.2	3	240	133	132

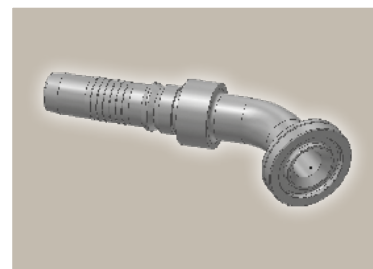
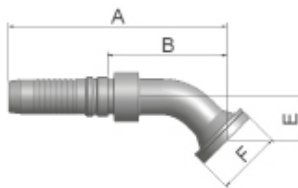
Approved **fitting series** for hose types, depending on size:

Also available in stainless steel. Details can be found in CAT 4400.1/UK

 V4	R42	R42TC	R42ST	R35	R35TC	RS35TC	R50TC	FA35	
 V6	R35	R35TC	RS35TC	R42	R42ST	R42TC	R50TC	FA35	CEM69TC

6F ISO 6162-2-Flange 45° Elbow - Heavy Series

ISO 12151-3 - E45-S - SFS 45°
(42.0 MPa/ 6000 psi)



Part Number	Hose I.D.				Flange Inch	A mm	B mm	E mm	F mm
	DN	Inch	Size	mm					
K6FV4-8-10	16	5/8	-10	15.9	1/2	123	63.3	26	32
K6FV4-12-10	16	5/8	-10	15.9	3/4	123	63.3	26	41
K6FV4-12-12	19	3/4	-12	19.1	3/4	133	72	26	41
K6FV4-12-12-SL55	19	3/4	-12	19.1	3/4	162	101	55	41
K6FV4-16-12	19	3/4	-12	19.1	1	133	71.3	26	48
K6FV4-16-12-SL55	19	3/4	-12	19.1	1	162	101	55	48
K6FV4-12-16	25	1	-16	25.4	3/4	155	78	32	41
K6FV4-16-16	25	1	-16	25.4	1	160	87	32	48
K6FV4-16-16-SL55	25	1	-16	25.4	1	183	110	55	48
K6FV4-20-16	25	1	-16	25.4	1 1/4	161	88.7	32	54
K6FV4-20-16-SL55	25	1	-16	25.4	1 1/4	184	112	55	54
K6FV4-16-20	31	1 1/4	-20	31.8	1	198	109.7	38	48
K6FV4-20-20	31	1 1/4	-20	31.8	1 1/4	198	109.7	38	54
K6FV4-20-20-SL60	31	1 1/4	-20	31.8	1 1/4	220	132	60	54
K6FV4-24-20	31	1 1/4	-20	31.8	1 1/2	198	109.7	38	64
K6FV4-24-20-SL60	31	1 1/4	-20	31.8	1 1/2	220	132	60	64
K6FV6-16-20	31	1 1/4	-20	31.8	1	188	97	38	48
K6FV6-20-20	31	1 1/4	-20	31.8	1 1/4	189	97.3	38	54
K6FV6-20-20-SL60	31	1 1/4	-20	31.8	1 1/4	210	119	60	54
K6FV6-24-20	31	1 1/4	-20	31.8	1 1/2	189	97.3	38	64
K6FV4-24-24	38	1 1/2	-24	38.1	1 1/2	222	128.9	44	64
K6FV4-24-24-SL70	38	1 1/2	-24	38.1	1 1/2	248	155	70	64
K6FV4-32-24	38	1 1/2	-24	38.1	2	222	128.9	44	79
K6FV6-20-24	38	1 1/2	-24	38.1	1 1/4	209	113.3	44	54
K6FV6-24-24	38	1 1/2	-24	38.1	1 1/2	221	125.3	44	64
K6FV6-24-24-SL70	38	1 1/2	-24	38.1	1 1/2	247	151	70	64
K6FV6-32-24	38	1 1/2	-24	38.1	2	221	125.3	44	79
K6FV4-32-32	51	2	-32	50.8	2	263	166	56	79
K6FV4-32-32-SL70	51	2	-32	50.8	2	277	180	70	79
K6FV6-24-32	51	2	-32	50.8	1 1/2	260	149.3	56	64
K6FV6-32-32	51	2	-32	50.8	2	274	163.3	56	79

Approved **fitting series** for **hose types**, depending on size:

Also available in stainless steel. Details can be found in CAT 4400.1/UK

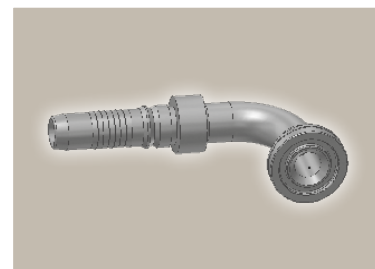
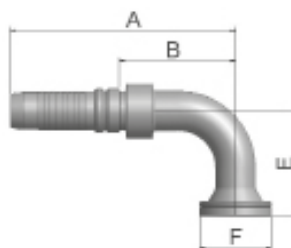
V4 R42 R42TC R42ST R35 R35TC RS35TC R50TC FA35

V6 R35 R35TC RS35TC R42 R42ST R42TC R50TC FA35 CEM69TC

6N

ISO 6162-2-Flange 90° Elbow

ISO 12151-3 - E-S - SFS 90°
(42.0 MPa/ 6000 psi)



Part Number	Hose I.D.				Flange Inch	A mm	B mm	E mm	F mm
	DN	Inch	Size	mm					
K6NV4-8-10	16	5/8	-10	15.9	1/2	111	51	54	32
K6NV4-12-10	16	5/8	-10	15.9	3/4	111	50.3	54	41
K6NV4-12-12	19	3/4	-12	19.1	3/4	125	63.3	58	41
K6NV4-12-12-SL100	19	3/4	-12	19.1	3/4	125	63	100	41
K6NV4-16-12	19	3/4	-12	19.1	1	125	63.3	58	48
K6NV4-16-12-SL100	19	3/4	-12	19.1	1	125	63	100	48
K6NV4-12-16	25	1	-16	25.4	3/4	140	67	70	41
K6NV4-12-16-SL55	25	1	-16	25.4	3/4	140	67	55	41
K6NV4-16-16	25	1	-16	25.4	1	150	77.7	70	48
K6NV4-16-16-SL100	25	1	-16	25.4	1	150	77	100	48
K6NV4-20-16	25	1	-16	25.4	1 1/4	154	81	70	54
K6NV4-20-16-SL115	25	1	-16	25.4	1 1/4	154	81	115	54
K6NV4-16-20	31	1 1/4	-20	31.8	1	186	98.7	90	48
K6NV4-20-20	31	1 1/4	-20	31.8	1 1/4	186	98.7	90	54
K6NV4-20-20-SL120	31	1 1/4	-20	31.8	1 1/4	186	98	120	54
K6NV4-20-20-SL330	31	1 1/4	-20	31.8	1 1/4	186	98	330	54
K6NV4-24-20	31	1 1/4	-20	31.8	1 1/2	186	98.7	90	64
K6NV4-24-20-SL135	31	1 1/4	-20	31.8	1 1/2	186	98	135	64
K6NV6-16-20	31	1 1/4	-20	31.8	1	177	86	90	48
K6NV6-20-20	31	1 1/4	-20	31.8	1 1/4	177	86.3	90	54
K6NV6-20-20-SL120	31	1 1/4	-20	31.8	1 1/4	177	86	120	54
K6NV6-24-20	31	1 1/4	-20	31.8	1 1/2	177	86.3	90	64
K6NV4-20-24	38	1 1/2	-24	38.1	1 1/4	197	103.9	104	54
K6NV4-24-24	38	1 1/2	-24	38.1	1 1/2	210	116.9	104	64
K6NV4-24-24-SL140	38	1 1/2	-24	38.1	1 1/2	210	117	140	64
K6NV4-24-24-SL160	38	1 1/2	-24	38.1	1 1/2	210	117	160	64
K6NV4-24-24-SL200	38	1 1/2	-24	38.1	1 1/2	210	117	200	64
K6NV4-32-24	38	1 1/2	-24	38.1	2	210	116.9	104	79
K6NV6-20-24	38	1 1/2	-24	38.1	1 1/4	192	96.3	104	54
K6NV6-24-24	38	1 1/2	-24	38.1	1 1/2	210	113.3	104	64
K6NV6-32-24	38	1 1/2	-24	38.1	2	209	113.3	104	79
K6NV4-24-32	51	2	-32	50.8	1 1/2	221	124	104	64
K6NV4-32-32	51	2	-32	50.8	2	257	160	138	79
K6NV6-24-32	51	2	-32	50.8	1 1/2	236	125.3	104	64
K6NV6-32-32	51	2	-32	50.8	2	268	157.3	138	79

V4/V6 Series

Approved **fitting series** for hose types, depending on size:

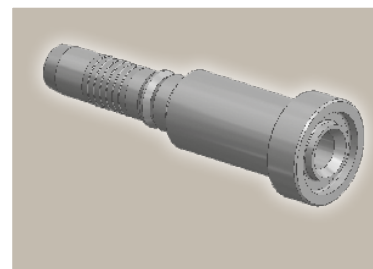
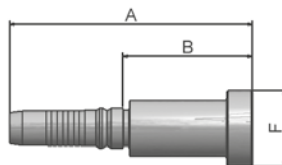
Also available in stainless steel. Details can be found in CAT 4400.1/UK

V4 R42 R42TC R42ST R35 R35TC RS35TC R50TC FA35

V6 R35 R35TC RS35TC R42 R42ST R42TC R50TC FA35 CEM69TC

8A Flange - Straight

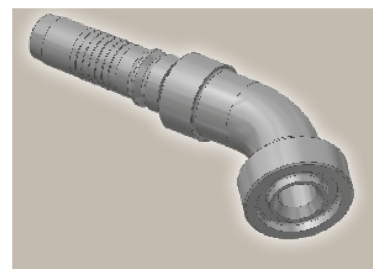
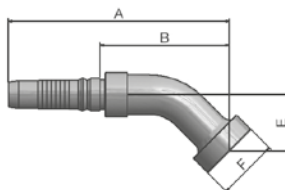
8000 psi



Part Number	Hose I.D.				Flange Inch	A mm	B mm	F mm
	DN	Inch	Size	mm				
K8AV4-12-10	16	5/8	-10	15.9	3/4	130	71	41
K8AV4-12-12	19	3/4	-12	19.1	3/4	132	71	41
K8AV4-16-12	19	3/4	-12	19.1	1	143	82	48
K8AV4-16-16	25	1	-16	25.4	1	148	75	48
K8AV4-20-16	25	1	-16	25.4	1 1/4	111	39	54
K8AV6-20-20	31	1 1/4	-20	31.8	1 1/4	190	88	54

8F Flange - 45° Elbow

8000 psi



Part Number	Hose I.D.				Flange Inch	A mm	B mm	E mm	F mm
	DN	Inch	Size	mm					
K8FV4-12-10	16	5/8	-10	15.9	3/4	123	64	26	41
K8FV4-12-12	19	3/4	-12	19.1	3/4	138	76	26	41
K8FV4-16-12	19	3/4	-12	19.1	1	143	81	32	48
K8FV4-16-16	25	1	-16	25.4	1	178	105	35	48
K8FV4-20-16	25	1	-16	25.4	1 1/4	178	105	35	54
K8FV6-20-20	31	1 1/4	-20	31.8	1 1/4	194	103	38	54

Approved **fitting series** for **hose types**, depending on size:

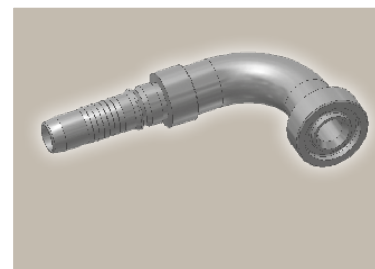
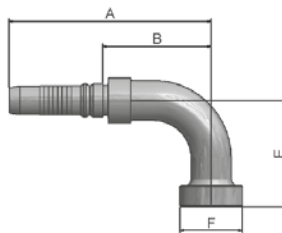
Also available in stainless steel. Details can be found in CAT 4400.1/UK

V4	R42	R42TC	R42ST	R35	R35TC	RS35TC	R50TC	FA35	
V6	R35	R35TC	RS35TC	R42	R42ST	R42TC	R50TC	FA35	CEM69TC

8N

Flange - 90° Elbow

8000 psi

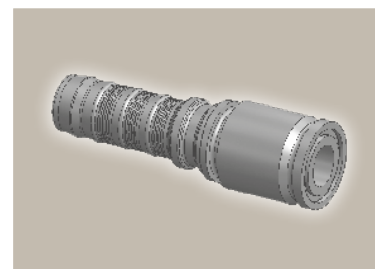
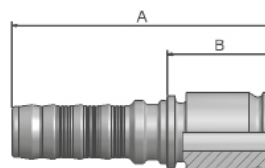


Part Number	Hose I.D.				Flange Inch	A mm	B mm	E mm	F mm
	DN	Inch	Size	mm					
K8NV4-12-10	16	5/8	-10	15.9	3/4	111	51	58	41
K8NV4-12-12	19	3/4	-12	19.1	3/4	133	71	70	41
K8NV4-16-12	19	3/4	-12	19.1	1	133	71	70	48
K8NV4-16-16	25	1	-16	25.4	1	170	97	75	48
K8NV4-20-16	25	1	-16	25.4	1 1/4	170	97	90	54
K8NV6-20-20	31	1 1/4	-20	31.8	1 1/4	182	91	90	54

X5

Flange - Straight

Full flange system for
ISO 6162-1 or ISO 6162-2



Part Number	Hose I.D.				Flange Inch	A mm	B mm
	DN	Inch	Size	mm			
KX5V6-20-20	31	1 1/4	-20	31.8	1 1/4	152.3	61.3
KX5V6-24-24	38	1 1/2	-24	38.1	1 1/2	159.3	63.3
KX5V6-32-32	51	2	-32	50.8	2	188	78
KX5V6-40-40	63	2 1/2	-40	63.5	2 1/2	233	83
KX5V6-48-40	63	2 1/2	-40	63.5	3	233	98

Approved **fitting series** for hose types, depending on size:

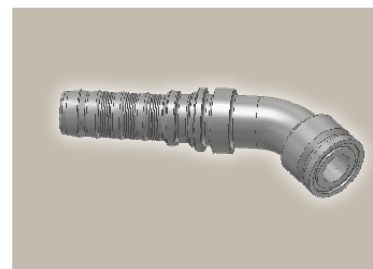
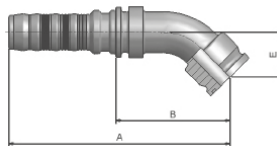
Also available in stainless steel. Details can be found in CAT 4400.1/UK

V4 R42 R42TC R42ST R35 R35TC RS35TC R50TC FA35

V6 R35 R35TC RS35TC R42 R42ST R42TC R50TC FA35 CEM69TC

X7 Flange - 45° Elbow

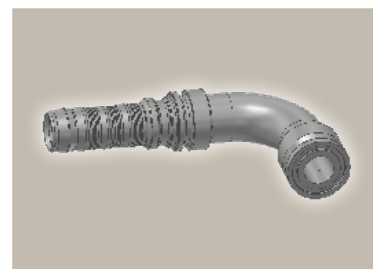
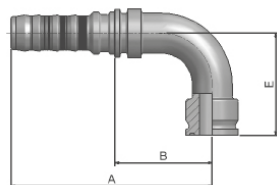
Full flange system for
ISO 6162-1 or ISO 6162-2



Part Number	Hose I.D.				Flange Inch	A mm	B mm	E mm
	DN	Inch	Size	mm				
KX7V6-20-20	31	1 1/4	-20	31.8	1 1/4	190	99	39
KX7V6-24-24	38	1 1/2	-24	38.1	1 1/2	221	125	44
KX7V6-32-32	51	2	-32	50.8	2	275	164.5	57

X9 Flange - 90° Elbow

Full flange system for
ISO 6162-1 or ISO 6162-2



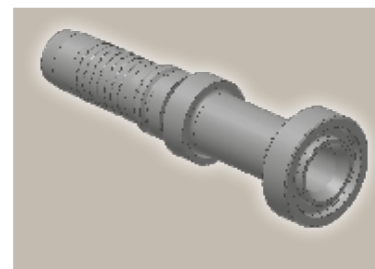
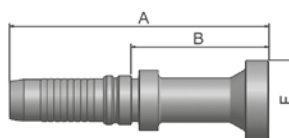
Part Number	Hose I.D.				Flange Inch	A mm	B mm	E mm
	DN	Inch	Size	mm				
KX9V6-20-20	31	1 1/4	-20	31.8	1 1/4	176.8	85.5	90
KX9V6-24-24	38	1 1/2	-24	38.1	1 1/2	209.3	113	104
KX9V6-32-32	51	2	-32	50.8	2	268	157	138

Approved **fitting series** for **hose types**, depending on size:

Also available in stainless steel. Details can be found in CAT 4400.1/UK

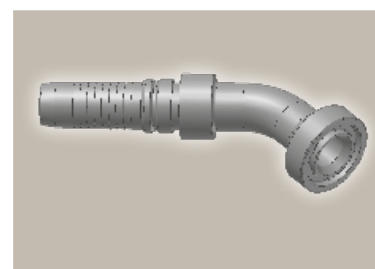
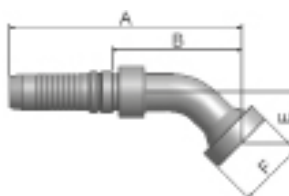
V4	R42	R42TC	R42ST	R35	R35TC	RS35TC	R50TC	FA35	
V6	R35	R35TC	RS35TC	R42	R42ST	R42TC	R50TC	FA35	CEM69TC

XA Caterpillar® Flange Straight



Part Number	Hose I.D.				Flange Inch	A mm	B mm	F mm
	DN	Inch	Size	mm				
KXAV4-12-12	19	3/4	-12	19.1	3/4	132	71	41
KXAV4-16-12	19	3/4	-12	19.1	1	144	82	48
KXAV4-16-16	25	1	-16	25.4	1	155	82	48
KXAV4-20-16	25	1	-16	25.4	1 1/4	160	88	54
KXAV6-20-20	31	1 1/4	-20	31.8	1 1/4	181	90	54
KXAV6-24-20	31	1 1/4	-20	31.8	1 1/2	188	97	64
KXAV6-24-24	38	1 1/2	-24	38.1	1 1/2	207	111	64

XF Caterpillar® Flange 45° Elbow



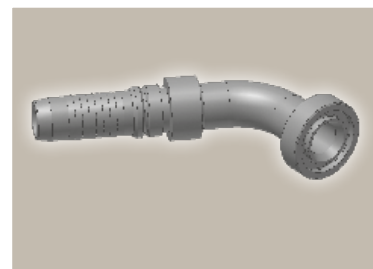
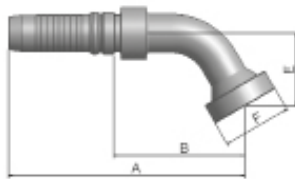
Part Number	Hose I.D.				Flange Inch	A mm	B mm	E mm	F mm
	DN	Inch	Size	mm					
KXFV4-12-12	19	3/4	-12	19.1	3/4	138	76	31	41
KXFV4-16-16	25	1	-16	25.4	1	164	91	36	48
KXFV4-20-16	25	1	-16	25.4	1 1/4	164	92	35	54
KXFV6-20-20	31	1 1/4	-20	31.8	1 1/4	187	96	37	54
KXFV6-24-20	31	1 1/4	-20	31.8	1 1/2	187	96	37	64
KXFV6-24-24	38	1 1/2	-24	38.1	1 1/2	216	120	39	64

Approved **fitting series** for **hose types**, depending on size:

Also available in stainless steel. Details can be found in CAT 4400.1/UK

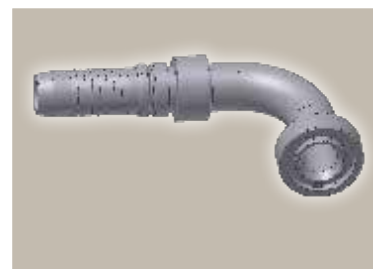
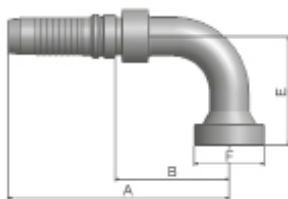
 V4	R42	R42TC	R42ST	R35	R35TC	RS35TC	R50TC	FA35	
 V6	R35	R35TC	RS35TC	R42	R42ST	R42TC	R50TC	FA35	CEM69TC

XG Caterpillar® Flange 60° Elbow



Part Number	Hose I.D.				Flange Inch	A mm	B mm	E mm	F mm
	DN	Inch	Size	mm					
KXGV4-16-12	19	3/4	-12	19.1	1	152	91	42	48
KXGV4-16-16	25	1	-16	25.4	1	182	109	50	48
KXGV4-20-16	25	1	-16	25.4	1 1/4	184	112	50	54
KXGV6-20-20	31	1 1/4	-20	31.8	1 1/4	206	115	55	54
KXGV6-24-20	31	1 1/4	-20	31.8	1 1/2	208	117	52	64
KXGV6-24-24	38	1 1/2	-24	38.1	1 1/2	266	170	52	64

XN Caterpillar® Flange 90° Elbow



Part Number	Hose I.D.				Flange Inch	A mm	B mm	E mm	F mm
	DN	Inch	Size	mm					
KXNV4-12-12	19	3/4	-12	19.1	3/4	125	63	63	41
KXNV4-16-12	19	3/4	-12	19.1	1	125	63	62	48
KXNV4-16-16	25	1	-16	25.4	1	150	77	74	48
KXNV4-20-16	25	1	-16	25.4	1 1/4	154	81	74	54
KXNV6-20-20	31	1 1/4	-20	31.8	1 1/4	177	86	77	54
KXNV6-24-20	31	1 1/4	-20	31.8	1 1/2	177	86	77	64
KXNV6-24-24	38	1 1/2	-24	38.1	1 1/2	209	113	106	64

Approved **fitting series** for **hose types**, depending on size:

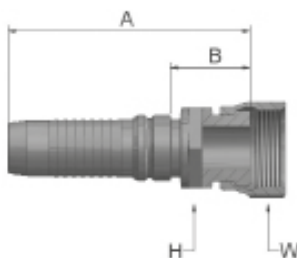
Also available in stainless steel. Details can be found in CAT 4400.1/UK

V4	R42	R42TC	R42ST	R35	R35TC	RS35TC	R50TC	FA35	
V6	R35	R35TC	RS35TC	R42	R42ST	R42TC	R50TC	FA35	CEM69TC

JC

Female ORFS Swivel - Straight Short

ISO 12151-1 – SWSA
SAE J516 – ORFS

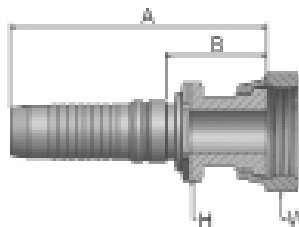


Part Number	Hose I.D.				Thread UNF	A mm	B mm	H mm	W mm
	DN	Inch	Size	mm					
KJCV4-12-12	19	3/4	-12	19.1	1 3/16x12	93	31.3	30	36
KJCV4-16-12	19	3/4	-12	19.1	1 7/16x12	93	31	36	41
KJCV4-12-16	25	1	-16	25.4	1 3/16x12	101	29	36	36
KJCV4-16-16	25	1	-16	25.4	1 7/16x12	108	36	36	41
KJCV4-20-16	25	1	-16	25.4	1 11/16x12	120	47	41	50
KJCV4-20-20	31	1 1/4	-20	31.8	1 11/16x12	127	39	46	50
KJCV6-20-20	31	1 1/4	-20	31.8	1 11/16x12	132	41	46	50
KJCV6-24-20	31	1 1/4	-20	31.8	2x12	133	42	50	60
KJCV4-24-24	38	1 1/2	-24	38.1	2x12	131	37.9	50	60
KJCV6-24-24	38	1 1/2	-24	38.1	2x12	140	44	50	60

JS

ORFS Swivel Female (Long)

ISO 12151-1-SWSB
SAE J516 – ORFS



Part Number	Hose I.D.				Thread UNF	A mm	B mm	H mm	W mm
	DN	Inch	Size	mm					
KJSV4-16-16	25	1	-16	25.4	1 7/16x12	121	49	36	41
KJSV4-20-16	25	1	-16	25.4	1 11/16x12	120	47.7	41	50
KJSV4-20-20	31	1 1/4	-20	31.8	1 11/16x12	137	49.7	41	50

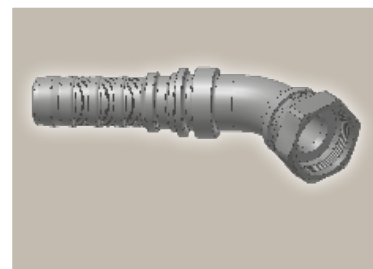
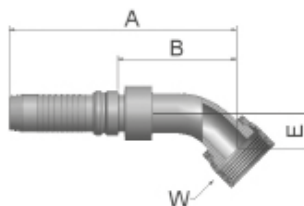
Approved **fitting series** for **hose types**, depending on size:

Also available in stainless steel. Details can be found in CAT 4400.1/UK

 V4	R42	R42TC	R42ST	R35	R35TC	RS35TC	R50TC	FA35	
 V6	R35	R35TC	RS35TC	R42	R42ST	R42TC	R50TC	FA35	CEM69TC

J7 Female ORFS - Swivel 45° Elbow

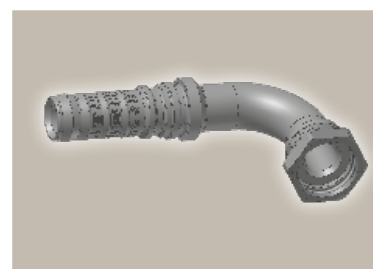
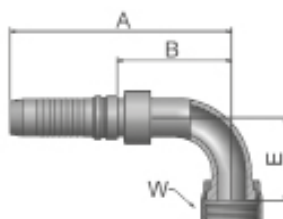
ISO 12151-1 - SWE 45°
SAE J516 - ORFS 45°



Part Number	Hose I.D.				Thread UNF	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm					
KJ7V4-12-12	19	3/4	-12	19.1	1 3/16x12	128	66.3	21	36
KJ7V4-16-12	19	3/4	-12	19.1	1 7/16x12	131	70	24	41
KJ7V4-16-16	25	1	-16	25.4	1 7/16x12	152	79	24	41
KJ7V4-20-16	25	1	-16	25.4	1 11/16x12	154	81	26	50
KJ7V4-20-20	31	1 1/4	-20	31.8	1 11/16x12	189	101.7	30	50
KJ7V6-20-20	31	1 1/4	-20	31.8	1 11/16x12	179	87.8	33	50
KJ7V6-24-20	31	1 1/4	-20	31.8	2x12	190	99	40	60
KJ7V4-24-24	38	1 1/2	-24	38.1	2x12	218	124.9	40	60
KJ7V6-24-24	38	1 1/2	-24	38.1	2x12	216	120	40	60

J9 Female ORFS - Swivel 90° Elbow - Short Drop

ISO 12151-1 - SWES
SAE J516 - ORFS 90°



Part Number	Hose I.D.				Thread UNF	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm					
KJ9V4-12-12	19	3/4	-12	19.1	1 3/16x12	125	63.3	48	36
KJ9V4-16-12	19	3/4	-12	19.1	1 7/16x12	125	63	56	41
KJ9V4-16-16	25	1	-16	25.4	1 7/16x12	150	77.7	56	41
KJ9V4-20-16	25	1	-16	25.4	1 11/16x12	150	77	64	50
KJ9V4-20-20	31	1 1/4	-20	31.8	1 11/16x12	186	98	69	50
KJ9V6-20-20	31	1 1/4	-20	31.8	1 11/16x12	177	86	79	50
KJ9V6-24-20	31	1 1/4	-20	31.8	2x12	177	86	70	60
KJ9V4-24-24	38	1 1/2	-24	38.1	2x12	210	116.9	82	60
KJ9V6-24-24	38	1 1/2	-24	38.1	2x12	202	106	87	60

Approved **fitting series** for **hose types**, depending on size:

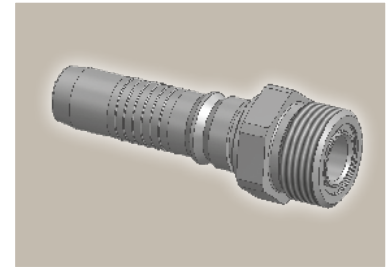
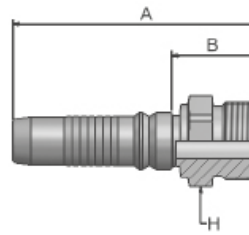
Also available in stainless steel. Details can be found in CAT 4400.1/UK

 V4	R42	R42TC	R42ST	R35	R35TC	RS35TC	R50TC	FA35	
 V6	R35	R35TC	RS35TC	R42	R42ST	R42TC	R50TC	FA35	CEM69TC

JM

ORFS Male

ISO 12151-1-S – SAE J516



Part Number	Hose I.D.				Thread UNF	A mm	B mm	H mm
	DN	Inch	Size	mm				
KJMV4-12-12	19	3/4	-12	19.1	1 3/16x12	95	33.3	32
KJMV4-16-12	19	3/4	-12	19.1	1 7/16x12	98.7	37	41

Approved **fitting series** for **hose types**, depending on size:

Also available in stainless steel. Details can be found in CAT 4400.1/UK

 V4	R42	R42TC	R42ST	R35	R35TC	RS35TC	R50TC	FA35	
 V6	R35	R35TC	RS35TC	R42	R42ST	R42TC	R50TC	FA35	CEM69TC