

Shell

Page Df-1

V4

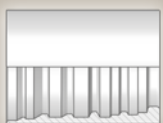
Df-1



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

V6

Df-1



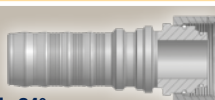
**Interlock
In-/Outside Skive**
6 Wire Hoses

DIN – Metric

Page Df-2 – Df-5

CA

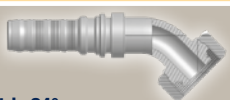
Df-2



**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

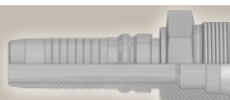
Df-4



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

D2

Df-5



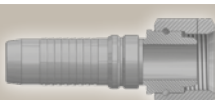
**Male Metric 24° – Rigid
Heavy Series – Straight**
ISO 12151-2-S-S – CES

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

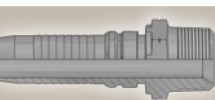
Df-7



**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

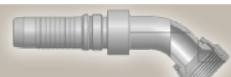
Df-10



**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-SWES – 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

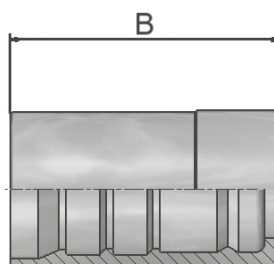
ORFS

Page Df-23 – Df-25

JC Df-23 Female ORFS Swivel – Straight Short ISO 12151-1 – SWSA	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			

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

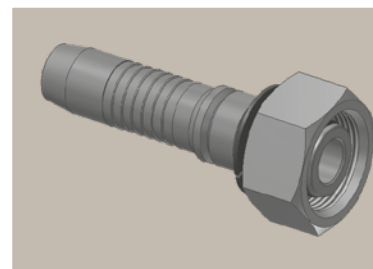
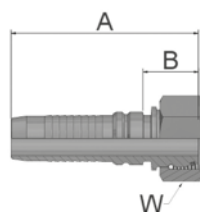


Only for use with
adjustable crimpers.
Minimum of
340 tons crimping
force required.

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

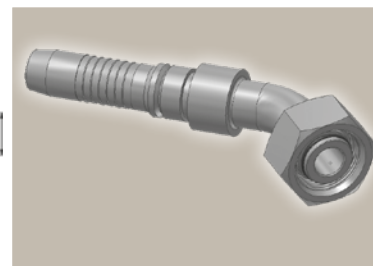
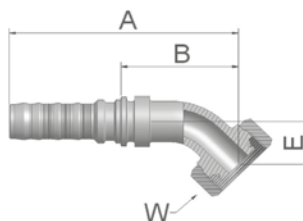


Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	W mm
	DN	Inch	Size	mm					
KCAV4-22-12	19	3/4	-12	19.1	M30x2	22	89	28	36
KCAV4-28-16	25	1	-16	25.4	M36x2	28	103	31	41
KCAV4-35-20	31	1 1/4	-20	31.8	M45x2	35	120	32	50
KCAV6-35-20	31	1 1/4	-20	31.8	M45x2	35	130	39	50
KCAV4-42-24	38	1 1/2	-24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

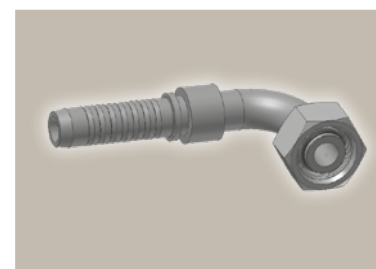
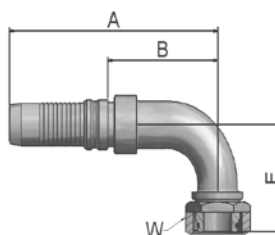
Also available in stainless steel. Details can be found in CAT 4400.1/UK

V4	H31	H31TC	H31ST	R42	R42TC	R42ST	R35	R35TC	RS35TC	R50TC	H29	H29TC	H29ST	FA35
V6	R35	R35TC	RD35TC	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°



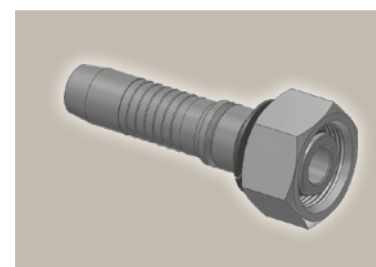
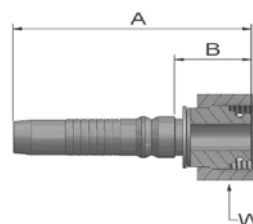
Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm						
KCFV4-22-16	25	1	-16	25.4	M30x2	22	150	77	70	36
KCFV4-35-20	31	1 1/4	-20	31.8	M45x2	35	186	98	79	50
KCFV6-35-20	31	1 1/4	-20	31.8	M45x2	35	177	86	79	50
KCFV6-42-24	38	1 1/2	-24	38.1	M52x2	42	209	113	101	60

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.

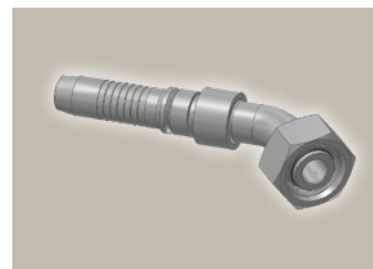
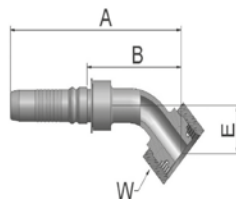
Approved **fitting series** for hose types, depending on size:

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

V4	H31	H31TC	H31ST	R42	R42TC	R42ST	R35	R35TC	RS35TC	R50TC	H29	H29TC	H29ST	FA35
V6	R35	R35TC	RD35TC	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°

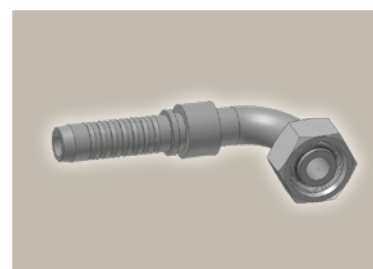
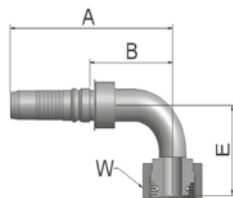


Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm						
K0CV4-20-10	16	5/8	-10	15.9	M30x2	20	124	65	26	36
K0CV4-20-12	19	3/4	-12	19.1	M30x2	20	138	76	30	36
K0CV4-25-12	19	3/4	-12	19.1	M36x2	25	137	76	29	46
K0CV4-25-16	25	1	-16	25.4	M36x2	25	161	88	33	46
K0CV4-30-16	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:

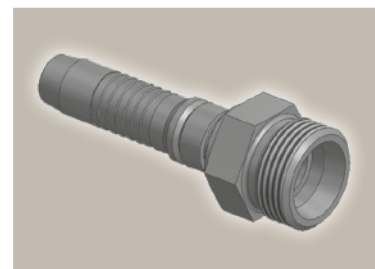
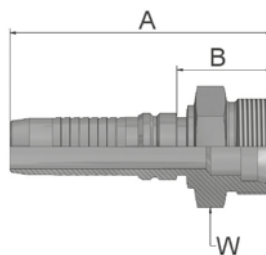
Also available in stainless steel. Details can be found in CAT 4400.1/UK

V4	H31	H31TC	H31ST	R42	R42TC	R42ST	R35	R35TC	RS35TC	R50TC	H29	H29TC	H29ST	FA35
V6	R35	R35TC	RD35TC	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

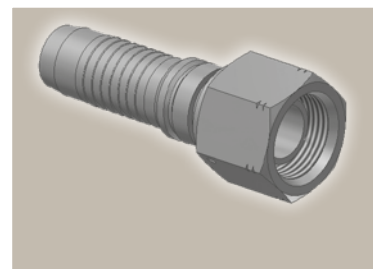
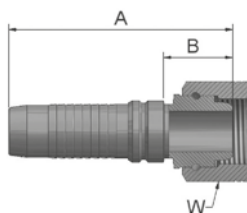
Approved **fitting series** for **hose types**, depending on size:

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

V4	H31	H31TC	H31ST	R42	R42TC	R42ST	R35	R35TC	RS35TC	R50TC	H29	H29TC	H29ST	FA35
V6	R35	R35TC	RD35TC	RS35TC	R42	R42ST	R42TC	R50TC	FA35	CEM69TC				

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

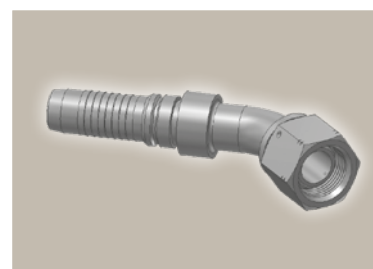
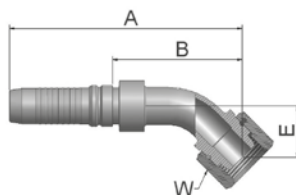
BS5200-A – DKR



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:

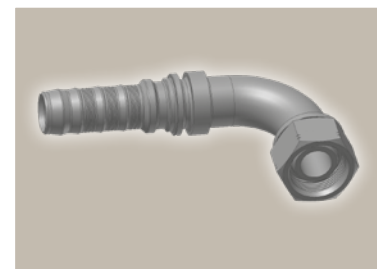
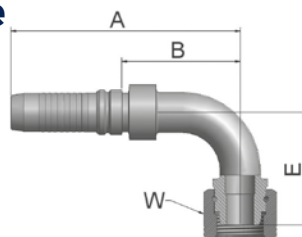
Also available in stainless steel. Details can be found in CAT 4400.1/UK

V4	H31	H31TC	H31ST	R42	R42TC	R42ST	R35	R35TC	RS35TC	R50TC	H29	H29TC	H29ST	FA35
V6	R35	R35TC	RD35TC	RS35TC	R42	R42ST	R42TC	R50TC	FA35	CEM69TC				

B2 Female BSP Parallel Pipe Swivel

90° Elbow (60° Cone)

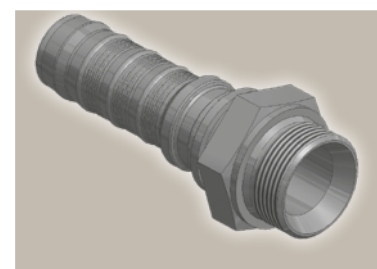
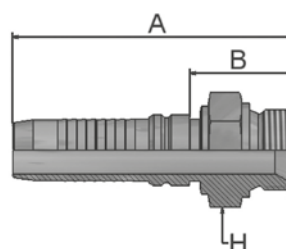
BS 5200-B – DKR 90°



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

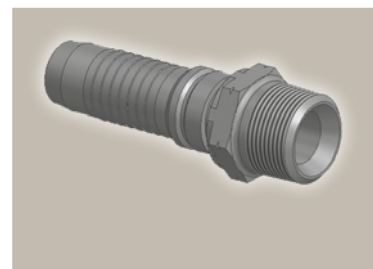
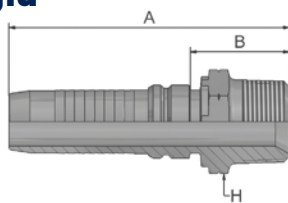
Approved **fitting series** for hose types, depending on size:

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

V4	H31	H31TC	H31ST	R42	R42TC	R42ST	R35	R35TC	RS35TC	R50TC	H29	H29TC	H29ST	FA35
V6	R35	R35TC	RD35TC	RS35TC	R42	R42ST	R42TC	R50TC	FA35	CEM69TC				

91 Male BSP Taper Pipe – Rigid Straight

BS5200 – AGR-K



Part Number	 Hose I.D.				 Thread	A	B	 H
	DN	Inch	Size	mm	BSP	mm	mm	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

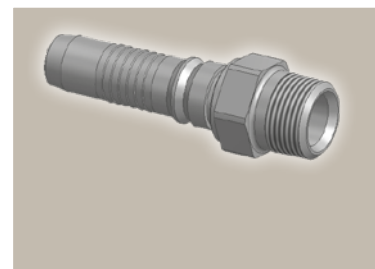
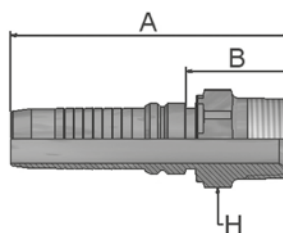
Approved **fitting series** for **hose types**, depending on size: Also available in stainless steel. Details can be found in CAT 4400.1/UK

V4	H31	H31TC	H31ST	R42	R42TC	R42ST	R35	R35TC	RS35TC	R50TC	H29	H29TC	H29ST	FA35
V6	R35	R35TC	RD35TC	RS35TC	R42	R42ST	R42TC	R50TC	FA35	CEM69TC				

01

Male NPTF Pipe Rigid – Straight

SAE J476A/ J516 – AGN

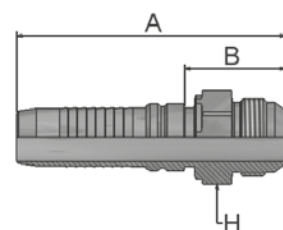


Part Number	Hose I.D.				Thread NPTF	A mm	B mm	H mm
	DN	Inch	Size	mm				
K01V4-12-12	19	3/4	-12	19.1	3/4-14	100	38.3	30
K01V4-16-16	25	1	-16	25.4	1-11 1/2	116.5	43.9	36
K01V4-20-20	31	1 1/4	-20	31.8	1 1/4-11 1/2	146	58.2	46
K01V6-20-20	31	1 1/4	-20	31.8	1 1/4-11 1/2	151	60.2	46
K01V4-24-24	38	1 1/2	-24	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

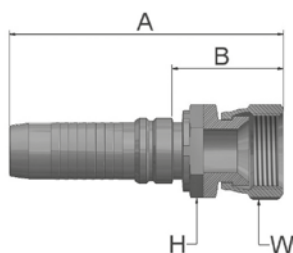
Approved **fitting series** for hose types, depending on size:

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

V4	H31	H31TC	H31ST	R42	R42TC	R42ST	R35	R35TC	RS35TC	R50TC	H29	H29TC	H29ST	FA35
V6	R35	R35TC	RD35TC	RS35TC	R42	R42ST	R42TC	R50TC	FA35	CEM69TC				

06 Female JIC 37° – Swivel Straight

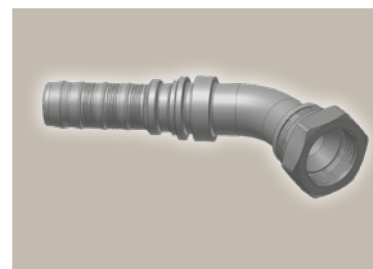
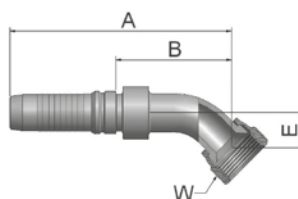
ISO12151-5-SWS – DKJ



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:

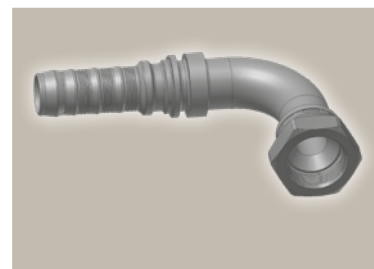
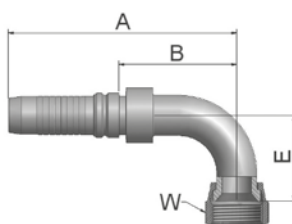
Also available in stainless steel. Details can be found in CAT 4400.1/UK

V4	H31	H31TC	H31ST	R42	R42TC	R42ST	R35	R35TC	RS35TC	R50TC	H29	H29TC	H29ST	FA35
V6	R35	R35TC	RD35TC	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

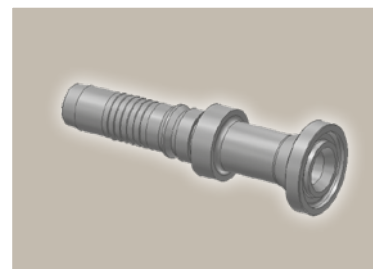
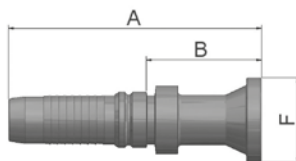
Approved **fitting series** for hose types, depending on size:

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

V4	H31	H31TC	H31ST	R42	R42TC	R42ST	R35	R35TC	RS35TC	R50TC	H29	H29TC	H29ST	FA35
V6	R35	R35TC	RD35TC	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

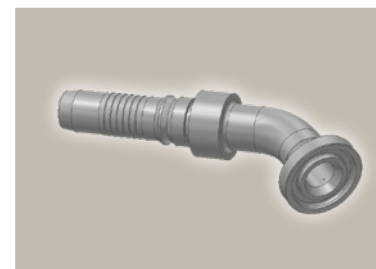
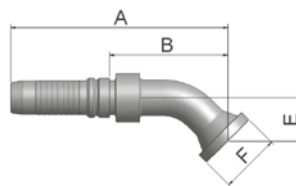
Approved **fitting series** for **hose types**, depending on size:

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

V4	H31	H31TC	H31ST	R42	R42TC	R42ST	R35	R35TC	RS35TC	R50TC	H29	H29TC	H29ST	FA35
V6	R35	R35TC	RD35TC	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)



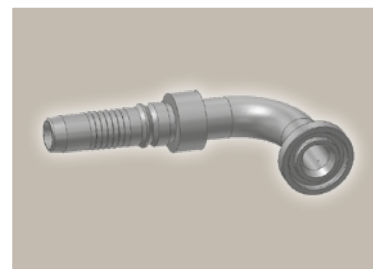
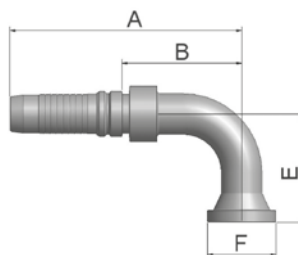
Part Number	Hose I.D.				Flange Inch	A mm	B mm	E mm	F mm
	DN	Inch	Size	mm					
K17V4-12-12	19	3/4	-12	19.1	3/4	133	72	26	38
K17V4-16-12	19	3/4	-12	19.1	1	133	72	26	45
K4FV4-20-12	19	3/4	-12	19.1	1 1/4	133	71	25	51
K17V4-16-16	25	1	-16	25.4	1	160	87	32	45
K4FV4-20-16	25	1	-16	25.4	1 1/4	160	87	32	51
K17V4-16-20	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	H31	H31TC	H31ST	R42	R42TC	R42ST	R35	R35TC	RS35TC	R50TC	H29	H29TC	H29ST	FA35
V6	R35	R35TC	RD35TC	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	A	B	E	F
	DN	Inch	Size	mm	Inch	mm	mm	mm	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:

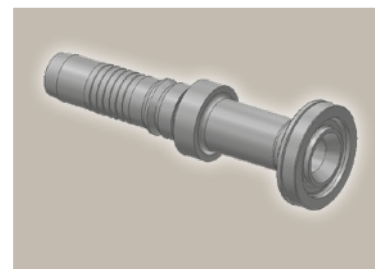
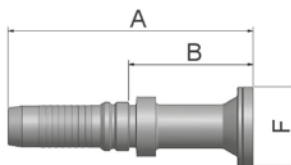
Also available in stainless steel. Details can be found in CAT 4400.1/UK

V4	H31	H31TC	H31ST	R42	R42TC	R42ST	R35	R35TC	RS35TC	R50TC	H29	H29TC	H29ST	FA35
V6	R35	R35TC	RD35TC	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:

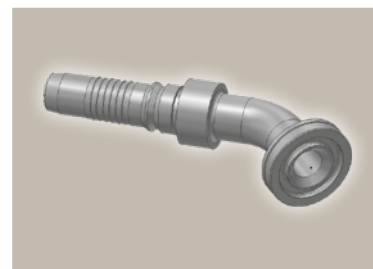
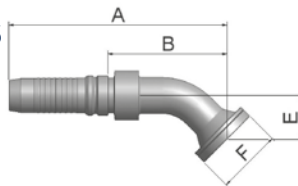
Also available in stainless steel. Details can be found in CAT 4400.1/UK

V4	H31	H31TC	H31ST	R42	R42TC	R42ST	R35	R35TC	RS35TC	R50TC	H29	H29TC	H29ST	FA35
V6	R35	R35TC	RD35TC	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	A	B	E	F
	DN	Inch	Size	mm	Inch	mm	mm	mm	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:

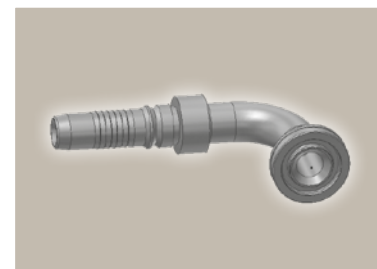
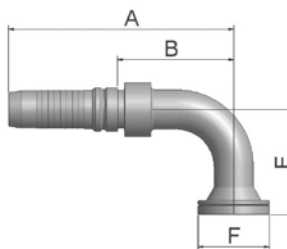
Also available in stainless steel. Details can be found in CAT 4400.1/UK

V4	H31	H31TC	H31ST	R42	R42TC	R42ST	R35	R35TC	RS35TC	R50TC	H29	H29TC	H29ST	FA35
V6	R35	R35TC	RD35TC	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

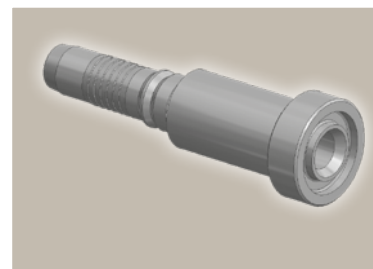
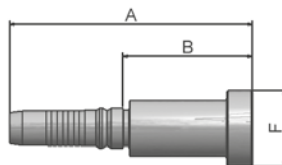
Approved **fitting series** for hose types, depending on size:

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

V4	H31	H31TC	H31ST	R42	R42TC	R42ST	R35	R35TC	RS35TC	R50TC	H29	H29TC	H29ST	FA35
V6	R35	R35TC	RD35TC	RS35TC	R42	R42ST	R42TC	R50TC	FA35	CEM69TC				

8A Flange – Straight

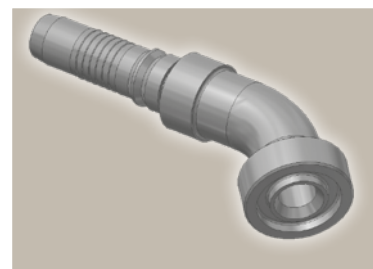
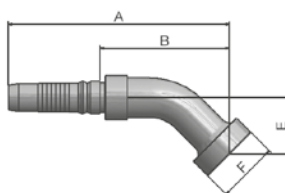
8000 psi



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:

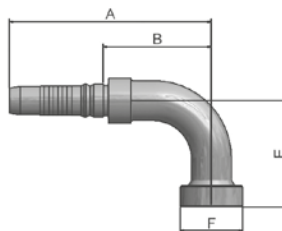
Also available in stainless steel. Details can be found in CAT 4400.1/UK

V4	H31	H31TC	H31ST	R42	R42TC	R42ST	R35	R35TC	RS35TC	R50TC	H29	H29TC	H29ST	FA35
V6	R35	R35TC	RD35TC	RS35TC	R42	R42ST	R42TC	R50TC	FA35	CEM69TC				

8N

Flange – 90° Elbow

8000 psi

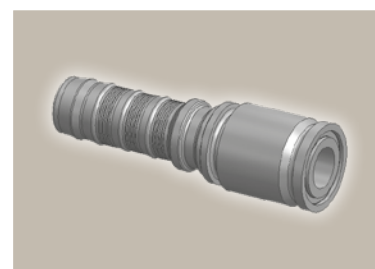
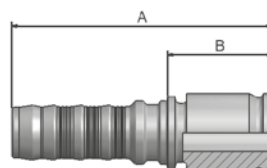


Part Number	Hose I.D.				Flange Inch	A mm	B mm	E mm	F mm
	DN	Inch	Size	mm					
K8NV4-12-10	16	5/8	-10	15.9	3/4	111	51	58	41
K8NV4-12-12	19	3/4	-12	19.1	3/4	133	71	70	41
K8NV4-16-12	19	3/4	-12	19.1	1	133	71	70	48
K8NV4-16-16	25	1	-16	25.4	1	170	97	75	48
K8NV4-20-16	25	1	-16	25.4	1 1/4	170	97	90	54
K8NV6-20-20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

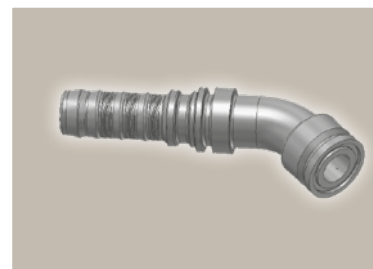
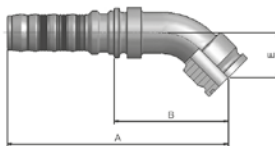
Approved **fitting series** for **hose types**, depending on size:

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

V4	H31	H31TC	H31ST	R42	R42TC	R42ST	R35	R35TC	RS35TC	R50TC	H29	H29TC	H29ST	FA35
V6	R35	R35TC	RD35TC	RS35TC	R42	R42ST	R42TC	R50TC	FA35	CEM69TC				

X7 Flange – 45° Elbow

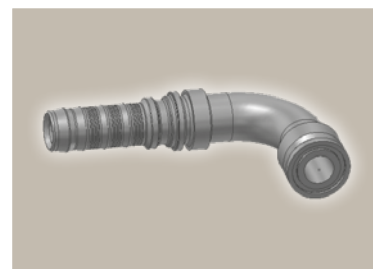
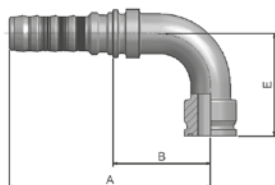
Full flange system for
ISO 6162-1 or ISO 6162-2



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



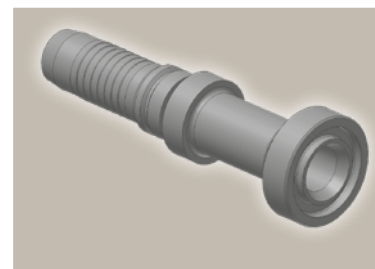
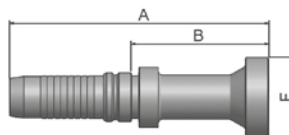
Part Number	Hose I.D.				Flange Inch	A mm	B mm	E mm
	DN	Inch	Size	mm				
KX9V6-20-20	31	1 1/4	-20	31.8	1 1/4	176.8	85.5	90
KX9V6-24-24	38	1 1/2	-24	38.1	1 1/2	209.3	113	104
KX9V6-32-32	51	2	-32	50.8	2	268	157	138

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

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

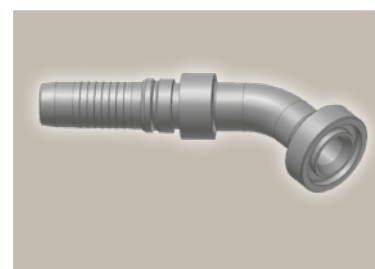
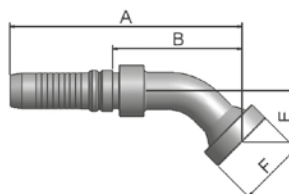
V4	H31	H31TC	H31ST	R42	R42TC	R42ST	R35	R35TC	RS35TC	R50TC	H29	H29TC	H29ST	FA35
V6	R35	R35TC	RD35TC	RS35TC	R42	R42ST	R42TC	R50TC	FA35	CEM69TC				

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

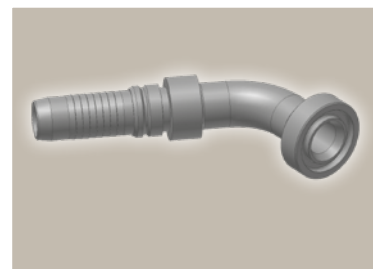
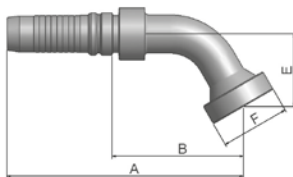


Part Number	Hose I.D.				Flange Inch	A mm	B mm	E mm	F mm
	DN	Inch	Size	mm					
KXFV4-12-12	19	3/4	-12	19.1	3/4	138	76	31	41
KXFV4-16-16	25	1	-16	25.4	1	164	91	36	48
KXFV4-20-16	25	1	-16	25.4	1 1/4	164	92	35	54
KXFV6-20-20	31	1 1/4	-20	31.8	1 1/4	187	96	37	54
KXFV6-24-20	31	1 1/4	-20	31.8	1 1/2	187	96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

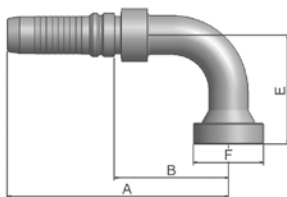
V4	H31	H31TC	H31ST	R42	R42TC	R42ST	R35	R35TC	RS35TC	R50TC	H29	H29TC	H29ST	FA35
V6	R35	R35TC	RD35TC	RS35TC	R42	R42ST	R42TC	R50TC	FA35	CEM69TC				

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:

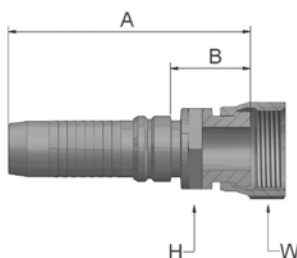
Also available in stainless steel. Details can be found in CAT 4400.1/UK

V4	H31 H31TC H31ST R42 R42TC R42ST R35 R35TC RS35TC R50TC H29 H29TC H29ST FA35
V6	R35 R35TC RD35TC RS35TC R42 R42ST R42TC R50TC FA35 CEM69TC

JC

Female ORFS Swivel – Straight Short

ISO 12151-1 – SWSA
SAE J516 – ORFS

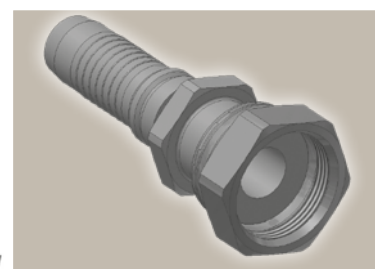
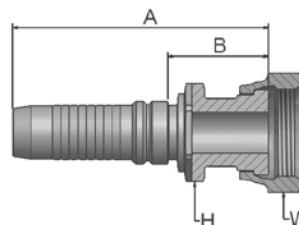


Part Number	Hose I.D.				Thread UNF	A mm	B mm	H mm	W mm
	DN	Inch	Size	mm					
KJCV4-12-12	19	3/4	-12	19.1	1 3/16x12	93	31.3	30	36
KJCV4-16-12	19	3/4	-12	19.1	1 7/16x12	93	31	36	41
KJCV4-12-16	25	1	-16	25.4	1 3/16x12	101	29	36	36
KJCV4-16-16	25	1	-16	25.4	1 7/16x12	108	36	36	41
KJCV4-20-16	25	1	-16	25.4	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

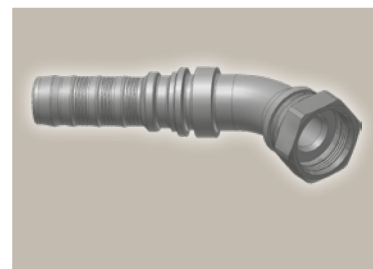
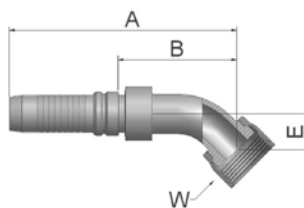
Approved **fitting series** for hose types, depending on size:

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

V4	H31	H31TC	H31ST	R42	R42TC	R42ST	R35	R35TC	RS35TC	R50TC	H29	H29TC	H29ST	FA35
V6	R35	R35TC	RD35TC	RS35TC	R42	R42ST	R42TC	R50TC	FA35	CEM69TC				

J7 Female ORFS – Swivel 45° Elbow

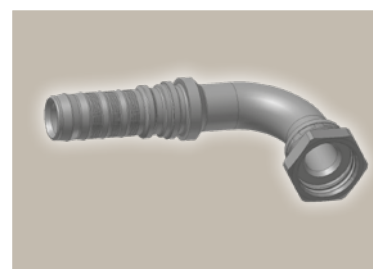
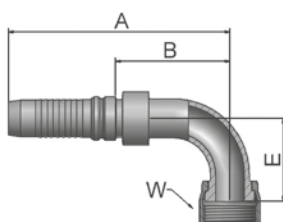
ISO 12151-1 – SWE 45°
SAE J516 – ORFS 45°



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:

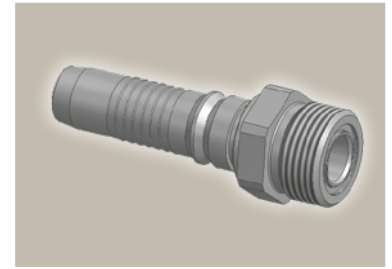
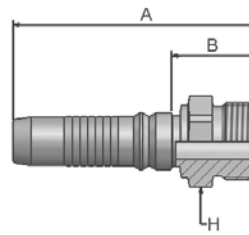
Also available in stainless steel. Details can be found in CAT 4400.1/UK

V4	H31	H31TC	H31ST	R42	R42TC	R42ST	R35	R35TC	RS35TC	R50TC	H29	H29TC	H29ST	FA35
V6	R35	R35TC	RD35TC	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	H31	H31TC	H31ST	R42	R42TC	R42ST	R35	R35TC	RS35TC	R50TC	H29	H29TC	H29ST	FA35
V6	R35	R35TC	RD35TC	RS35TC	R42	R42ST	R42TC	R50TC	FA35	CEM69TC				