



ParLock

Hose and Fitting Range

Bulletin 4480-B28-1/UK



Classification Body Type Approvals

Hose	Reinforcement	Norm EN/ISO	MED (1)	DNV (2)	GL (3)	LR (4)
H29	4-spiral high-tensile steel wire	ISO 3862-1 type 4SH, EN 856 type 4SH	X	X	X	X
H31	4-spiral high-tensile steel wire	ISO 3862-1 type 4SP, EN 856 type 4SP, R9R	X	X	X	X
H82	4 or 6 spiral high-tensile steel wire	ISO 3862-1 type R13, EN 856 type R13	X	X		
R42	4 or 6 spiral high-tensile steel wire	ISO 3862-1 type R15	X	X	X	X



Classification Bodies

The mission of classification bodies is to contribute to the development and implementation of technical standards for the protection of life, property and the environment.

(1) Marine Equipment Directive (MED)

The purpose of the MED is to enhance safety at sea and the prevention of marine pollution through the uniform application of the relevant international instruments relating to marine equipment for which EC-type approval safety certificates are issued.

(2) Det Norske Veritas (DNV)

Norwegian service company for managing risk in ship classification, off-shore industry, etc...

(3) Lloyd's Register (LR)

English independent organisation providing certification around the world. Marine services, rail services and energy services are their main activities.

(4) Germanischer Lloyd (GL)

German independent organisation of technical experts approving products for the German merchandise marine and the energy sector - GLIS (oil and gas, wind energy, etc...)

EN European Norm
ISO International Organisation for Standardization
SAE Society of Automotive Engineers (US organisation)

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H29 - ParLock Multispiral Hose

ISO 3862-1 type 4SH, EN 856 type 4SH



Hose construction:

Oil-resistant synthetic rubber inner tube. Four-spiral high-tensile steel wire reinforcement, oil*- and weather-resistant, black, synthetic rubber cover.

Fitting series:

V4 for internal and external skive (Interlock) for all sizes.

Application and temperature range:

The hose is designed for use with:

- petroleum base hydraulic fluids and lubricating oils within a temperature range -40 °C to +100 °C (-40 °F to +212 °F)
- water, water/oil emulsion and water/glycol hydraulic fluids up to +85 °C (+185 °F)
- air up to +70 °C (+158 °F), for air above 1,7 MPa the cover should be pin pricked.

* The hose is unsuitable for constant immersion in oil.

XXXX-XX-XX Part Number	Hose I.D.				Hose O.D. mm	Pressure rating				min. bend radius mm	Weight kg/m
	DN	Inch	Size	mm		max. dynamic working pressure MPa	psi	min. burst pressure MPa	psi		
H29-12	20	3/4	-12	19,1	32,2	43,0	6250	172,0	25000	280	1,7
H29-16	25	1	-16	25,4	38,7	40,0	5800	160,0	23200	340	2,2
H29-20	32	1 1/4	-20	31,8	45,5	35,0	5000	140,0	20000	460	2,6
H29-24	38	1 1/2	-24	38,1	53,5	31,0	4500	124,0	18000	560	3,4
H29-32	50	2	-32	50,8	68,1	28,0	4050	112,0	16200	700	4,8

The combination of high temperature and high pressure could reduce the hose life.

H29TC - ParLock Multispiral **TOUGH COVER** Hose

ISO 3862-1 type 4SH, EN 856 type 4SH
Abrasion resistant Tough Cover



Hose construction:

Oil-resistant synthetic rubber inner tube. Four-spiral high-tensile steel wire reinforcement, oil*- and weather-resistant, black, high abrasion-resistant synthetic rubber, synthetic rubber cover.

Fitting series:

V4 for internal and external skive (Interlock) for all sizes.

Application and temperature range:

The hose is designed for use with:

- petroleum base hydraulic fluids and lubricating oils within a temperature range -40 °C to +100 °C (-40 °F to +212 °F)
- water, water/oil emulsion and water/glycol hydraulic fluids up to +85 °C (+185 °F)
- air up to +70 °C (+158 °F), for air above 1,7 MPa the cover should be pin pricked.

* Suitable for constant immersion in mineral oils up to 70 °C.

XXXX-XX-XX Part Number	Hose I.D.				Hose O.D. mm	Pressure rating				min. bend radius mm	Weight kg/m
	DN	Inch	Size	mm		max. dynamic working pressure MPa	psi	min. burst pressure MPa	psi		
H29TC-12	20	3/4	-12	19,1	32,2	43,0	6250	172,0	25000	280	1,7
H29TC-16	25	1	-16	25,4	38,7	40,0	5800	160,0	23200	340	2,2
H29TC-20	32	1 1/4	-20	31,8	45,5	35,0	5000	140,0	20000	460	2,6
H29TC-24	38	1 1/2	-24	38,1	53,5	31,0	4500	124,0	18000	560	3,4
H29TC-32	50	2	-32	50,8	68,1	28,0	4050	112,0	16200	700	4,8

The combination of high temperature and high pressure could reduce the hose life.

H29ST - ParLock Multispiral ^{SUPER} TOUGH Hose

ISO 3862-1 type 4SH, EN 856 type 4SH



Hose construction:

Oil-resistant synthetic rubber inner tube. Four-spiral high-tensile steel wire reinforcement, oil*- and weather-resistant, black, abrasion-resistant super tough synthetic rubber cover with a special polyethylene coating.

Fitting series:

V4 for internal and external skive (Interlock) for all sizes.

Application and temperature range:

The hose is designed for use with:

- petroleum base hydraulic fluids and lubricating oils within a temperature range -40 °C to +100 °C (-40 °F to +212 °F)
- water, water/oil emulsion and water/glycol hydraulic fluids up to +85 °C (+185 °F)
- air up to +70 °C (+158 °F), for air above 1,7 MPa the cover should be pin pricked.

* The hose is unsuitable for constant immersion in oil.

XXXX-XX-XX Part Number	 Hose I.D.				 Hose O.D.	Pressure rating				 min. bend radius	 Weight
	DN	Inch	Size	mm	mm	max. dynamic working pressure		min. burst pressure		mm	kg/m
						MPa	psi	MPa	psi		
H29ST-12	20	3/4	-12	19,1	32,2	43,0	6250	172,0	25000	280	1,7
H29ST-16	25	1	-16	25,4	38,7	40,0	5800	160,0	23200	340	2,2
H29ST-20	32	1 1/4	-20	31,8	45,5	35,0	5000	140,0	20000	460	2,6
H29ST-24	38	1 1/2	-24	38,1	53,5	31,0	4500	124,0	18000	560	3,4
H29ST-32	50	2	-32	50,8	68,1	28,0	4050	112,0	16200	700	4,8

The combination of high temperature and high pressure could reduce the hose life.

H31 - ParLock Multispiral Hose

ISO 3862-1 type 4SP, EN 856 type 4SP, R9R



Hose construction:

Oil-resistant synthetic rubber inner tube. Four-spiral high-tensile steel wire reinforcement, oil*- and weather-resistant, black, synthetic rubber cover.

Fitting series:

VS for external skive only for size -4 up to size -16

V4 for internal and

external skive (Interlock) -6 up to size -24

Application and temperature range:

The hose is designed for use with:

- petroleum base hydraulic fluids and lubricating oils within a temperature range -40 °C to +100 °C (-40 °F to +212 °F)
- water, water/oil emulsion and water/glycol hydraulic fluids up to +85 °C (+185 °F)
- air up to +70 °C (+158 °F), for air above 1,7 MPa the cover should be pin pricked.

* The hose is unsuitable for constant immersion in oil.

XXXX-XX-XX Part Number	 Hose I.D.				 Hose O.D.	Pressure rating				 min. bend radius mm	 Weight
	DN	Inch	Size	mm	mm	 max. dynamic working pressure	 min. burst pressure				
	MPa	psi	MPa	psi							
H31-4	6	1/4	-4	6,3	17,8	50,0	7 250	200,0	29 000	120	0,73
H31-6	10	3/8	-6	9,5	21,4	44,5	6 450	178,0	25 800	130	0,91
H31-8	12	1/2	-8	12,7	24,6	41,5	6 000	166,0	24 000	180	1,08
H31-10	16	5/8	-10	15,9	28,5	39,0	5 650	156,0	22 600	225	1,39
H31-12	20	3/4	-12	19,1	32,0	35,0	5 000	140,0	20 300	280	1,73
H31-16	25	1	-16	25,4	39,7	31,0	4 500	124,0	18 000	355	2,31
H31-20	32	1-1/4	-20	31,8	47,5	28,0	4 050	112,0	16 200	460	3,07
H31-24	40	1-1/2	-24	38,1	53,5	26,0	3 750	104,0	15 000	560	3,56

The combination of high temperature and high pressure could reduce the hose life.

Size -20 and -24 are according Parker specifications.

H31TC - ParLock Multispiral **TOUGH COVER** Hose

ISO 3862-1 type 4SP, EN 856 type 4SP, R9R

Abrasion resistant Tough Cover



Hose construction:

Oil-resistant synthetic rubber inner tube. Four-spiral high-tensile steel wire reinforcement, oil*- and weather-resistant, black, high abrasion-resistant synthetic rubber, synthetic rubber cover.

Fitting series:

VS for external skive only for size -6 up to size -16

V4 for internal and external skive (Interlock) for all sizes

Application and temperature range:

The hose is designed for use with:

- petroleum base hydraulic fluids and lubricating oils within a temperature range - 40 °C to +100 °C (-40 °F to +212 °F)
- water, water/oil emulsion and water/glycol hydraulic fluids up to +85 °C (+185 °F)
- air up to +70 °C (+158 °F), for air above 1,7 MPa the cover should be pin pricked.

* Suitable for constant immersion in mineral oils up to 70 °C.

XXXX-XX-XX Part Number	Hose I.D.				Hose O.D. mm	Pressure rating				min. bend radius mm	Weight kg/m
	DN	Inch	Size	mm		max. dynamic working pressure MPa	psi	min. burst pressure MPa	psi		
H31TC-6	10	3/8	-6	9,5	21,4	44,5	6 450	178,0	25 800	130	0,91
H31TC-8	12	1/2	-8	12,7	24,6	41,5	6 000	166,0	24 000	180	1,08
H31TC-10	16	5/8	-10	15,9	28,5	39,0	5 650	156,0	22 600	225	1,39
H31TC-12	20	3/4	-12	19,1	32,0	35,0	5 000	140,0	20 300	280	1,73
H31TC-16	25	1	-16	25,4	39,7	31,0	4 500	124,0	18 000	355	2,31
H31TC-20	32	1-1/4	-20	31,8	47,5	28,0	4 050	112,0	16 200	460	3,07
H31TC-24	40	1-1/2	-24	38,1	53,5	26,0	3 750	104,0	15 000	560	3,56

The combination of high temperature and high pressure could reduce the hose life.
Size -20 and -24 are according Parker specifications.

H31ST - ParLock Multispiral **SUPER TOUGH** Hose

ISO 3862-1 type 4SP, EN 856 type 4SP, R9R



Hose construction:

Oil-resistant synthetic rubber inner tube. Four-spiral high-tensile steel wire reinforcement, oil*- and weather-resistant, black, abrasion-resistant super tough synthetic rubber cover with a special polyethylene coating.

Fitting series:

VS for external skive only for size -6 up to size -16

V4 for internal and external skive (Interlock) for all sizes

Application and temperature range:

The hose is designed for use with:

- petroleum base hydraulic fluids and lubricating oils within a temperature range - 40 °C to +100 °C (-40 °F to +212 °F)
- water, water/oil emulsion and water/glycol hydraulic fluids up to +85 °C (+185 °F)
- air up to +70 °C (+158 °F), for air above 1,7 MPa the cover should be pin pricked.

* The hose is unsuitable for constant immersion in oil.

XXXX-XX-XX Part Number	Hose I.D.				Hose O.D. mm	Pressure rating				min. bend radius mm	Weight kg/m
	DN	Inch	Size	mm		max. dynamic working pressure MPa	psi	min. burst pressure MPa	psi		
H31ST-6	10	3/8	-6	9,5	21,4	44,5	6 450	178,0	25 800	130	0,91
H31ST-8	12	1/2	-8	12,7	24,6	41,5	6 000	166,0	24 000	180	1,08
H31ST-10	16	5/8	-10	15,9	28,5	39,0	5 650	156,0	22 600	225	1,39
H31ST-12	20	3/4	-12	19,1	32,0	35,0	5 000	140,0	20 300	280	1,73
H31ST-16	25	1	-16	25,4	39,7	31,0	4 500	124,0	18 000	355	2,31
H31ST-20	32	1-1/4	-20	31,8	47,5	28,0	4 050	112,0	16 200	460	3,07
H31ST-24	40	1-1/2	-24	38,1	53,5	26,0	3 750	104,0	15 000	560	3,56

The combination of high temperature and high pressure could reduce the hose life.
Size -20 and -24 are according Parker specifications.

H33 - ParLock Multispiral Hose ISO 3862-1 standard type R12, EN 856 type R12



Hose construction:

Oil-resistant synthetic rubber inner tube. Four-spiral high-tensile steel wire reinforcement, oil*- and weather-resistant, grey, MSHA approved synthetic rubber cover.

Fitting series:

VS for external skive only for size -6 up to size -16
V4 for internal and external skive (Interlock)
for size -20 and -24

Application and temperature range:

The hose is designed for use with:

- petroleum base hydraulic fluids and lubricating oils within a temperature range -40 °C to +100 °C (-40 °F to +212 °F)
- water, water/oil emulsion and water/glycol hydraulic fluids up to +85 °C (+185 °F)
- air up to +70 °C (+158 °F), for air above 1,7 MPa the cover should be pin pricked.
- * The hose is unsuitable for constant immersion in oil.

XXXX.XX.XX Part Number	Hose I.D.				Hose O.D. mm	Pressure rating				min. bend radius mm	Weight kg/m
	DN	Inch	Size	mm		max. dynamic working pressure MPa	psi	min. burst pressure MPa	psi		
H33-6	10	3/8	-6	9,5	20,25	27,5	4 000	110,0	16 000	125	0,70
H33-8	12	1/2	-8	12,7	23,80	27,5	4 000	110,0	16 000	180	0,81
H33-10	16	5/8	-10	15,9	27,30	27,5	4 000	110,0	16 000	200	1,00
H33-12	20	3/4	-12	19,1	30,70	27,5	4 000	110,0	16 000	240	1,25
H33-16	25	1	-16	25,4	38,00	27,5	4 000	110,0	16 000	300	1,80
H33-20	32	1-1/4	-20	31,8	47,00	20,5	3 000	82,0	12 000	420	2,80
H33-24	40	1-1/2	-24	38,1	53,45	17,2	2 500	68,8	10 000	500	3,20

The combination of high temperature and high pressure could reduce the hose life.

H82 - ParLock Multispiral Hose ISO 3862-1 type R13, EN 856 type R13



Hose construction:

Oil-resistant synthetic rubber inner tube. Four or six spiral high-tensile steel wire reinforcement, oil*- and weather-resistant, black, synthetic rubber cover.

Fitting series:

for internal and external skive (Interlock)
V4 for size -12 and -16
V6 for size -20, -24 and -32

Application and temperature range:

The hose is designed for use with:

- petroleum base hydraulic fluids and lubricating oils within a temperature range -40 °C to +100 °C (-40 °F to +212 °F)
- water, water/oil emulsion and water/glycol hydraulic fluids up to +85 °C (+185 °F)
- air up to +70 °C (+158 °F), for air above 1,7 MPa the cover should be pin pricked.
- * The hose is unsuitable for constant immersion in oil.

XXXX.XX.XX Part Number	Hose I.D.				Hose O.D. mm	Pressure rating				min. bend radius mm	Weight kg/m
	DN	Inch	Size	mm		max. dynamic working pressure MPa	psi	min. burst pressure MPa	psi		
H82-12	20	3/4	-12	19,1	32,1	34,5	5 000	138,0	20 000	240	1,50
H82-16	25	1	-16	25,4	38,7	34,5	5 000	138,0	20 000	305	2,20
H82-20	32	1-1/4	-20	31,8	49,8	34,5	5 000	138,0	20 000	420	3,70
H82-24	40	1-1/2	-24	38,1	57,3	34,5	5 000	138,0	20 000	510	4,75
H82-32	50	2	-32	50,8	71,1	34,5	5 000	138,0	20 000	635	6,60

The combination of high temperature and high pressure could reduce the hose life.

R35 - ParLock Multispiral Hose

ISO 3862-1 type R13

Parker Specifications



Hose construction:

Oil-resistant synthetic rubber inner tube. Four or six spiral high-tensile steel wire reinforcement, oil*- and weather-resistant, black, synthetic rubber cover.

Fitting series:

for internal and external skive (Interlock)

V4 for size -12, -16 and -20

V6 for size -24 and -32

Application and temperature range:

The hose is designed for use with:

- petroleum base hydraulic fluids and lubricating oils within a temperature range -40 °C to +100 °C (-40 °F to +212 °F)
- water, water/oil emulsion and water/glycol hydraulic fluids up to +85 °C (+185 °F)
- air up to +70 °C (+158 °F), for air above 1,7 MPa the cover should be pin pricked.

* The hose is unsuitable for constant immersion in oil.

XXXX-XX-XX Part Number	Hose I.D.				Hose O.D. mm	Pressure rating				min. bend radius mm	Weight kg/m
	DN	Inch	Size	mm		max. dynamic working pressure MPa	psi	min. burst pressure MPa	psi		
R35-12	20	3/4	-12	19,1	32,00	35,0	5 000	140,0	20 000	220	1,5
R35-16	25	1	-16	25,4	39,35	35,0	5 000	140,0	20 000	280	2,2
R35-20	32	1-1/4	-20	31,8	45,50	35,0	5 000	140,0	20 000	380	2,6
R35-24	40	1-1/2	-24	38,1	57,30	35,0	5 000	140,0	20 000	480	4,8
R35-32	50	2	-32	50,8	71,10	35,0	5 000	140,0	20 000	600	6,7

The combination of high temperature and high pressure could reduce the hose life.

R42 - ParLock Multispiral Hose

ISO 3862-1 type R15

Parker Specifications



Hose construction:

Oil-resistant synthetic rubber inner tube. Four or six spiral high-tensile steel wire reinforcement, oil*- and weather-resistant, black, synthetic rubber cover.

Fitting series:

for internal and external skive (Interlock)

V4 for size -10, -12, -16

V6 for size -20, -24 and -32

Application and temperature range:

The hose is designed for use with:

- petroleum base hydraulic fluids and lubricating oils within a temperature range -40 °C to +100 °C (-40 °F to +212 °F)
- water, water/oil emulsion and water/glycol hydraulic fluids up to +85 °C (+185 °F)
- air up to +70 °C (+158 °F), for air above 1,7 MPa the cover should be pin pricked.

* The hose is unsuitable for constant immersion in oil.

XXXX-XX-XX Part Number	Hose I.D.				Hose O.D. mm	Pressure rating				min. bend radius mm	Weight kg/m
	DN	Inch	Size	mm		max. dynamic working pressure MPa	psi	min. burst pressure MPa	psi		
R42-10	16	5/8	-10	15,9	28,50	42,0	6 000	168,0	24 000	225	1,39
R42-12	20	3/4	-12	19,1	32,00	42,0	6 000	168,0	24 000	280	1,70
R42-16	25	1	-16	25,4	39,00	42,0	6 000	168,0	24 000	300	2,30
R42-20	32	1-1/4	-20	31,8	50,75	42,0	6 000	168,0	24 000	400	3,80
R42-24	40	1-1/2	-24	38,1	57,00	42,0	6 000	168,0	24 000	500	4,80
R42-32	50	2	-32	50,8	71,50	42,0	6 000	168,0	24 000	700	7,00

The combination of high temperature and high pressure could reduce the hose life.

R42TC - ParLock Multispiral **TOUGH COVER** Hose

ISO 3862-1 type R15

Parker Specifications – Abrasion resistant Tough Cover



Hose construction:

Oil-resistant synthetic rubber inner tube. Four or six spiral high-tensile steel wire reinforcement, oil*- and weather-resistant, black, high abrasion-resistant synthetic tough cover rubber.

Fitting series:

for internal and external skive (Interlock)

V4 for size -10, -12, -16

V6 for size -20, -24 and -32

Application and temperature range:

The hose is designed for use with:

- petroleum base hydraulic fluids and lubricating oils within a temperature range -40 °C to +100 °C (-40 °F to +212 °F)
- water, water/oil emulsion and water/glycol hydraulic fluids up to +85 °C (+185 °F)
- air up to +70 °C (+158 °F), for air above 1,7 MPa the cover should be pin pricked.

* Suitable for constant immersion in mineral oils up to 70 °C.

XXXX.XX.XX Part Number	Hose I.D.				Hose O.D. mm	Pressure rating				min. bend radius mm	Weight kg/m
	DN	Inch	Size	mm		max. dynamic working pressure MPa	psi	min. burst pressure MPa	psi		
R42TC-10	16	5/8	-10	15,9	28,50	42,0	6 000	168,0	24 000	225	1,39
R42TC-12	20	3/4	-12	19,1	32,00	42,0	6 000	168,0	24 000	280	1,70
R42TC-16	25	1	-16	25,4	39,00	42,0	6 000	168,0	24 000	300	2,30
R42TC-20	32	1-1/4	-20	31,8	50,75	42,0	6 000	168,0	24 000	400	3,80
R42TC-24	40	1-1/2	-24	38,1	57,00	42,0	6 000	168,0	24 000	500	4,80
R42TC-32	50	2	-32	50,8	71,50	42,0	6 000	168,0	24 000	700	7,00

The combination of high temperature and high pressure could reduce the hose life.

R42ST - ParLock Multispiral **SUPER TOUGH** Hose

ISO 3862-1 type R15

Parker Specifications



Hose construction:

Oil-resistant synthetic rubber inner tube. Four or six spiral high-tensile steel wire reinforcement, oil*- and weather-resistant, black, abrasion-resistant super tough synthetic rubber cover with a special polyethylene coating.

Fitting series:

for internal and external skive (Interlock)

V4 for size -10, -12, -16

V6 for size -20, -24 and -32

Application and temperature range:

The hose is designed for use with:

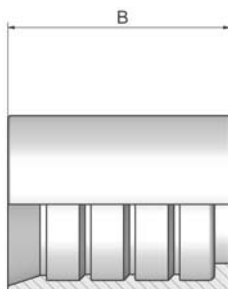
- petroleum base hydraulic fluids and lubricating oils within a temperature range -40 °C to +100 °C (-40 °F to +212 °F)
- water, water/oil emulsion and water/glycol hydraulic fluids up to +85 °C (+185 °F)
- air up to +70 °C (+158 °F), for air above 1,7 MPa the cover should be pin pricked.

* The hose is unsuitable for constant immersion in oil.

XXXX.XX.XX Part Number	Hose I.D.				Hose O.D. mm	Pressure rating				min. bend radius mm	Weight kg/m
	DN	Inch	Size	mm		max. dynamic working pressure MPa	psi	min. burst pressure MPa	psi		
R42ST-10	16	5/8	-10	15,9	28,50	42,0	6 000	168,0	24 000	225	1,39
R42ST-12	20	3/4	-12	19,1	32,00	42,0	6 000	168,0	24 000	280	1,70
R42ST-16	25	1	-16	25,4	39,00	42,0	6 000	168,0	24 000	300	2,30
R42ST-20	32	1-1/4	-20	31,8	50,75	42,0	6 000	168,0	24 000	400	3,80
R42ST-24	40	1-1/2	-24	38,1	57,00	42,0	6 000	168,0	24 000	500	4,80
R42ST-32	50	2	-32	50,8	71,50	42,0	6 000	168,0	24 000	700	7,00

The combination of high temperature and high pressure could reduce the hose life.

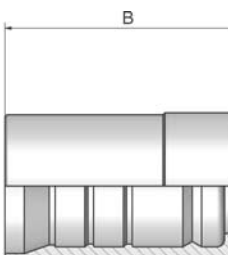
VS - Outside Skive



XXXX-XX-XX Part Number	Hose I.D.				B mm
	DN	Inch	Size	mm	
100VS-4	6	1/4	-4	6,3	38
100VS-6	10	3/8	-6	9,5	36
100VS-8	12	1/2	-8	12,7	41
100VS-10	16	5/8	-10	15,9	49
100VS-12	20	3/4	-12	19,1	53
100VS-16	25	1	-16	25,4	58

**Only for use
with adjustable
crimpers.**

V4 - Interlock – In-/Outside Skive (4 Wire Hoses)



XXXX-XX-XX Part Number	Hose I.D.				B mm
	DN	Inch	Size	mm	
100V4-6	10	3/8	-6	9,5	49
100V4-8	12	1/2	-8	12,7	53
100V4-10	16	5/8	-10	15,9	58
100V4-12	20	3/4	-12	19,1	60
100V4-16	25	1	-16	25,4	75
100V4-20	32	1-1/4	-20	31,8	88
100V4-24	40	1-1/2	-24	38,1	94
100V4-32	50	2	-32	50,8	99

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

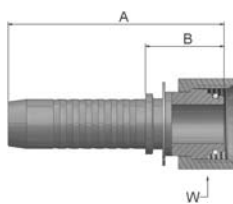
V6 - Interlock – In-/Outside Skive (6 Wire Hoses)



XXXX-XX-XX Part Number	Hose I.D.				B mm
	DN	Inch	Size	mm	
100V6-20	32	1-1/4	-20	31,8	90
100V6-24	40	1-1/2	-24	38,1	96
100V6-32	50	2	-32	50,8	110

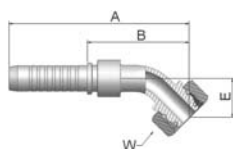
**Only for use
with adjustable
crimpers.
Minimum of
350 tons crimping
force required.**

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



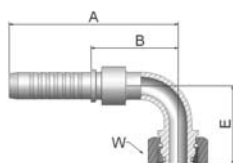
Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	W mm
	DN	Inch	Size	mm					
KCAVS-12-6	10	3/8	-6	9,5	M18x1,5	12	61	23	22
KCAVS-15-8	12	1/2	-8	12,7	M22x1,5	15	70	27	27
KCAVS-18-10	16	5/8	-10	15,9	M26x1,5	18	77	26	32
KCAVS-22-12	20	3/4	-12	19,1	M30x2	22	85	31	36
KCAVS-28-12	20	3/4	-12	19,1	M36x2	28	87	33	41
KCAVS-28-16	25	1	-16	25,4	M36x2	28	94	34	41

CE - Female Metric 24° – Light Series with O-ring – Swivel – 45° Elbow
ISO 12151-2-SWE45-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	93	55	19	22
KCEVS-15-8	12	1/2	-8	12,7	M22x1,5	15	103	61	23	27
KCEVS-18-10	16	5/8	-10	15,9	M26x1,5	18	117	66	25	32
KCEVS-22-12	20	3/4	-12	19,1	M30x2	22	131	76	27	36
KCEVS-28-16	25	1	-16	25,4	M36x2	28	153	92	32	46

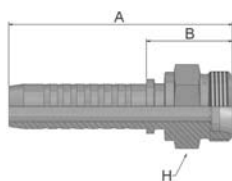
CF - Female Metric 24° – Light Series with O-ring – Swivel – 90° Elbow
ISO 12151-2-SWE-L, DKOL 90



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	44	27
KCFVS-18-10	16	5/8	-10	15,9	M26x1,5	18	105	54	49	32
KCFVS-22-12	20	3/4	-12	19,1	M30x2	22	121	67	56	36
KCFVS-28-16	25	1	-16	25,4	M36x2	28	145	85	70	46

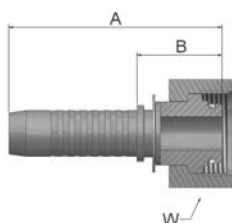
Dimensions shown may be changed at any time without prior notice.

D0 - Male Metric 24° – Light Series – Rigid – Straight ISO 12151-2-S-L, CEL



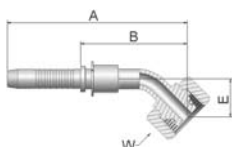
Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	H mm
	DN	Inch	Size	mm					
KD0VS-12-6	10	3/8	-6	9,5	M18x1,5	12	64	25	19
KD0VS-15-8	12	1/2	-8	12,7	M22x1,5	15	71	28	22
KD0VS-18-10	16	5/8	-10	15,9	M26x1,5	18	83	32	27
KD0VS-22-12	20	3/4	-12	19,1	M30x2	22	90	35	30
KD0VS-28-16	25	1	-16	25,4	M36x2	28	97	37	36

C9 - Female Metric 24° – Heavy Series with O-ring – Swivel – 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	6,3	M16x1,5	8	61	23	19
KC9VS-10-4	6	1/4	-4	6,3	M18x1,5	10	62	24	22
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-12-10	16	5/8	-10	15,9	M20x1,5	12	78	28	24
KC9VS-16-10	16	5/8	-10	15,9	M24x1,5	16	80	29	30
KC9VS-20-10	16	5/8	-10	15,9	M30x2	20	80	29	36
KC9VS-25-12	20	3/4	-12	19,1	M36x2	25	90	36	46
KC9VS-30-16	25	1	-16	25,4	M42x2	30	99	39	50

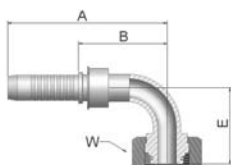
0C - Female Metric 24° – Heavy Series with O-ring – Swivel – 45° Elbow ISO 12151-2 – SWE45-S, DKOS 45°



Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm						
K0CVS-8-4	6	1/4	-4	6,3	M16x1,5	8	88	50	16	19
K0CVS-10-4	6	1/4	-4	6,3	M18x1,5	10	88	50	16	22
K0CVS-12-6	10	3/8	-6	9,5	M20x1,5	12	94	56	20	24
K0CVS-14-6	10	3/8	-6	9,5	M22x1,5	14	94	56	20	27
K0CVS-16-8	12	1/2	-8	12,7	M24x1,5	16	105	62	24	30
K0CVS-20-10	16	5/8	-10	15,9	M30x2	20	119	68	26	36
K0CVS-25-12	20	3/4	-12	19,1	M36x2	25	133	79	29	46
K0CVS-30-16	25	1	-16	25,4	M42x2	30	156	95	34	50

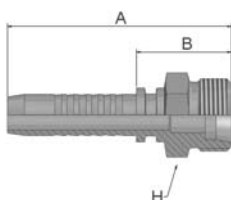
Dimensions shown may be changed at any time without prior notice.

1C - Female Metric 24° – Heavy Series with O-ring – Swivel – 90° Elbow
ISO 12151-2 – SWE-S, DKOS 90°



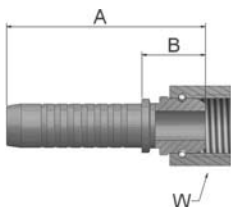
Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm						
K1CVS-8-4	6	1/4	-4	6,3	M16x1,5	8	79	41	29	19
K1CVS-10-4	6	1/4	-4	6,3	M18x1,5	10	79	41	29	22
K1CVS-12-6	10	3/8	-6	9,5	M20x1,5	12	83	45	37	24
K1CVS-16-8	12	1/2	-8	12,7	M24x1,5	16	93	51	45	30
K1CVS-16-10	16	5/8	-10	15,9	M24x1,5	16	105	54	45	30
K1CVS-20-10	16	5/8	-10	15,9	M30x2	20	106	55	50	36
K1CVS-25-12	20	3/4	-12	19,1	M36x2	25	122	68	59	46
K1CVS-30-16	25	1	-16	25,4	M42x2	30	142	82	69	50

D2 - Male Metric 24° – Heavy Series – Rigid – 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
KD2VS-20-10	16	5/8	-10	15,9	M30x2	20	85	35	30
KD2VS-25-12	20	3/4	-12	19,1	M36x2	25	95	40	36
KD2VS-30-16	25	1	-16	25,4	M42x2	30	104	44	46

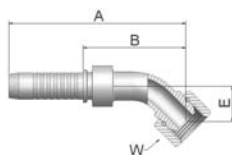
92 - Female BSP Parallel Pipe – Swivel – Straight (60° Cone)
BS5200-A, DKR



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
K92VS-10-10	16	5/8	-10	15,9	5/8x14	75	24	30
K92VS-12-10	16	5/8	-10	15,9	3/4x14	77	26	32
K92VS-12-12	20	3/4	-12	19,1	3/4x14	81	26	32
K92VS-16-12	20	3/4	-12	19,1	1x11	89	35	41
K92VS-16-16	25	1	-16	25,4	1x11	96	36	41
K92VS-20-16	25	1	-16	25,4	1-1/4x11	93	32	50

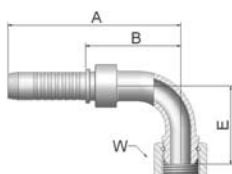
Dimensions shown may be changed at any time without prior notice.

B1 - Female BSP Parallel Pipe – Swivel – 45° Elbow (60° Cone) BS 5200-D, DKR45°



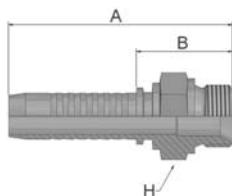
Part Number	Hose I.D.				Thread BSP	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm					
KB1VS-6-6	10	3/8	-6	9,5	3/8x19	87	49	19	22
KB1VS-8-6	10	3/8	-6	9,5	1/2x14	91	53	17	27
KB1VS-8-8	12	1/2	-8	12,7	1/2x14	100	58	20	27
KB1VS-10-8	12	1/2	-8	12,7	5/8x14	99	57	19	30
KB1VS-10-10	16	5/8	-10	15,9	5/8x14	115	64	23	30
KB1VS-12-10	16	5/8	-10	15,9	3/4x14	112	61	20	32
KB1VS-12-12	20	3/4	-12	19,1	3/4x14	130	75	26	32
KB1VS-16-12	20	3/4	-12	19,1	1x11	136	81	32	41
KB1VS-16-16	25	1	-16	25,4	1x11	155	95	36	41

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	77	39	41	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
KB2VS-10-10	16	5/8	-10	15,9	5/8x14	105	54	46	30
KB2VS-12-10	16	5/8	-10	15,9	3/4x14	105	54	42	32
KB2VS-12-12	20	3/4	-12	19,1	3/4x14	121	67	55	32
KB2VS-16-12	20	3/4	-12	19,1	1x11	121	67	63	41
KB2VS-16-16	25	1	-16	25,4	1x11	141	81	74	41

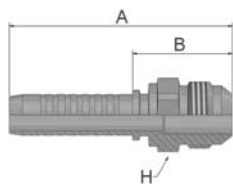
D9 - Male BSP Parallel Pipe – Rigid – Straight (60° Cone) BS5200, AGR



Part Number	Hose I.D.				Thread BSP	A mm	B mm	H mm
	DN	Inch	Size	mm				
KD9VS-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
KD9VS-10-10	16	5/8	-10	15,9	5/8x14	89	38	30
KD9VS-12-12	20	3/4	-12	19,1	3/4x14	95	41	32
KD9VS-16-16	25	1	-16	25,4	1x11	106	46	41

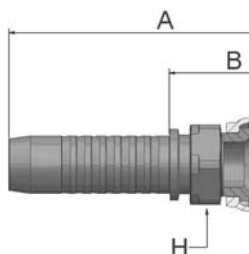
Dimensions shown may be changed at any time without prior notice.

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



XXXX-XX-XX 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
K03VS-10-10	16	5/8	-10	15,9	7/8x14	91	40	24
K03VS-12-10	16	5/8	-10	15,9	1-1/16x12	92	41	27
K03VS-12-12	20	3/4	-12	19,1	1-1/16x12	99	44	27
K03VS-16-12	20	3/4	-12	19,1	1-5/16x12	95	40	36
K03VS-16-16	25	1	-16	25,4	1-5/16x12	109	48	36
K03VS-20-16	25	1	-16	25,4	1-5/8x12	106	45	46

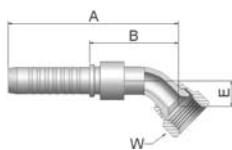
06/68 - Female – JIC 37° / SAE 45° Dual Flare – Swivel – Straight
ISO12151-5-SWS – DKJ



XXXX-XX-XX Part Number	Hose I.D.				Thread UNF	A mm	B mm	H mm	W mm
	DN	Inch	Size	mm					
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
K68VS-10-10	16	5/8	-10	15,9	7/8x14	88	37	22	27
K06VS-12-8	12	1/2	-8	12,7	1-1/16x12	83	41	27	32
K06VS-12-10	16	5/8	-10	15,9	1-1/16x12	92	42	27	32
K06VS-12-12	20	3/4	-12	19,1	1-1/16x12	97	43	27	32
K06VS-16-12	20	3/4	-12	19,1	1-5/16x12	105	51	36	41
K06VS-16-16	25	1	-16	25,4	1-5/16x12	113	53	36	41
K06VS-20-16	25	1	-16	25,4	1-5/8x12	116	56	41	50

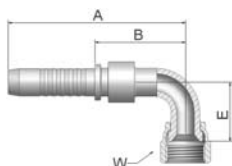
Dimensions shown may be changed at any time without prior notice.

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
K3VVS-10-10	16	5/8	-10	15,9	7/8x14	106	55	16	27
K37VS-12-8	12	1/2	-8	12,7	1-1/16x12	99	57	21	32
K3VVS-12-10	16	5/8	-10	15,9	1-1/16x12	113	62	21	32
K37VS-12-12	20	3/4	-12	19,1	1-1/16x12	124	70	21	32
K37VS-16-12	20	3/4	-12	19,1	1-5/16x12	127	73	24	41
K37VS-16-16	25	1	-16	25,4	1-5/16x12	143	82	24	41
K37VS-20-16	25	1	-16	25,4	1-5/8x12	144	83	25	50

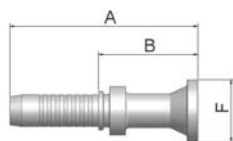
39 / 3W - Female JIC 37° / SAE 45° – Dual Flare – Swivel Female 90° Elbow ISO 12151-5-SWES – DKJ 90°



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
K3WVS-10-10	16	5/8	-10	15,9	7/8x14	101	50	33	27
K39VS-12-10	16	5/8	-10	15,9	1-1/16x12	105	54	48	32
K39VS-12-12	20	3/4	-12	19,1	1-1/16x12	121	67	48	32
K39VS-16-12	20	3/4	-12	19,1	1-5/16x12	121	67	56	41
K39VS-16-16	25	1	-16	25,4	1-5/16x12	141	81	56	41
K39VS-20-16	25	1	-16	25,4	1-5/8x12	141	81	64	50

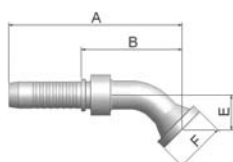
Dimensions shown may be changed at any time without prior notice.

15 - SAE Code 61 – Flange Head – Straight
ISO 12151-3-S-L / SFL / 3000 psi



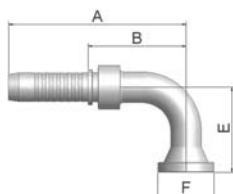
 Part Number	 Hose I.D.				 Flange Size	A mm	B mm	F mm
	DN	Inch	Size	mm				
K15VS-8-8	12	1/2	-8	12,7	1/2"	102	59	30
K15VS-12-8	12	1/2	-8	12,7	3/4"	77	34	38
K15VS-12-10	16	5/8	-10	15,9	3/4"	87	36	38
K15VS-12-12	20	3/4	-12	19,1	3/4"	115	61	38
K15VS-16-12	20	3/4	-12	19,1	1"	96	42	45
K15VS-16-16	25	1	-16	25,4	1"	124	64	45
K15VS-20-16	25	1	-16	25,4	1 1/4"	97	36	51

17 - SAE Code 61 – Flange Head – 45° Elbow
ISO 12151-3 – E45 – L / SFL 45° / 3000 psi



 Part Number	 Hose I.D.				 Flange Size	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
K17VS-12-12	20	3/4	-12	19,1	3/4"	129	75	26	38
K17VS-16-12	20	3/4	-12	19,1	1"	129	75	26	45
K17VS-16-16	25	1	-16	25,4	1"	151	90	32	45
K17VS-20-16	25	1	-16	25,4	1 1/4"	152	92	32	51

19 - SAE Code 61 – Flange Head – 90° Elbow
ISO 12151-3 – E– L / SFL90° / 3000 psi

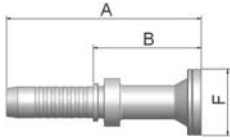


 Part Number	 Hose I.D.				 Flange Size	A mm	B mm	E mm	F mm
	DN	Inch	Size	mm					
K19VS-8-8	12	1/2	-8	12,7	1/2"	92	50	41	30
K19VS-12-8	12	1/2	-8	12,7	3/4"	92	50	42	38
K19VS-12-12	20	3/4	-12	19,1	3/4"	121	67	38	38
K19VS-16-12	20	3/4	-12	19,1	1"	121	67	58	45
K19VS-16-16	25	1	-16	25,4	1"	141	81	70	45
K19VS-20-16	25	1	-16	25,4	1 1/4"	145	85	70	51

Dimensions shown may be changed at any time without prior notice.

6A - SAE Code 62 – Flange – Straight

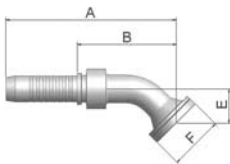
ISO 12151-3-S-S / SFS / 6000 psi



Part Number	Hose I.D.				Flange Size	A	B	F
	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
K6AVS-12-10	16	5/8	-10	15,9	3/4"	87	37	41
K6AVS-12-12	20	3/4	-12	19,1	3/4"	122	68	41
K6AVS-16-12	20	3/4	-12	19,1	1"	96	42	48
K6AVS-16-16	25	1	-16	25,4	1"	139	78	48
K6AVS-20-16	25	1	-16	25,4	1 1/4"	107	47	54

6F - SAE Flange 45° Elbow – Heavy Series

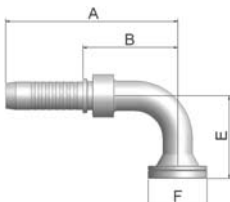
ISO 12151-3 – E45-S / SFS 45° / 6000 psi



Part Number	Hose I.D.				Flange Size	A	B	E	F
	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
K6FVS-12-10	16	5/8	-10	15,9	3/4"	117	66	26	41
K6FVS-12-12	20	3/4	-12	19,1	3/4"	129	75	26	41
K6FVS-16-12	20	3/4	-12	19,1	1"	129	75	26	48
K6FVS-16-16	25	1	-16	25,4	1"	151	90	32	48
K6FVS-20-16	25	1	-16	25,4	1 1/4"	152	92	32	54

6N - SAE Code 62 Flange Head – 90° Elbow

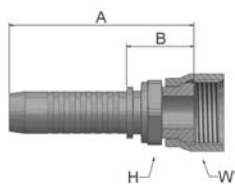
ISO 12151-3 – E-S / SFS 90° / 6000 psi



Part Number	Hose I.D.				Flange Size	A	B	E	F
	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
K6NVS-12-10	16	5/8	-10	15,9	3/4"	105	54	54	41
K6NVS-12-12	20	3/4	-12	19,1	3/4"	121	67	58	41
K6NVS-16-12	20	3/4	-12	19,1	1"	121	67	58	48
K6NVS-16-16	25	1	-16	25,4	1"	141	81	70	48
K6NVS-20-16	25	1	-16	25,4	1 1/4"	145	85	70	54

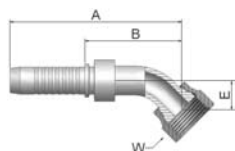
Dimensions shown may be changed at any time without prior notice.

JC - Female ORFS – Swivel – Straight – Short
ISO 12151-1 – SWSA, SAE J516, ORFS



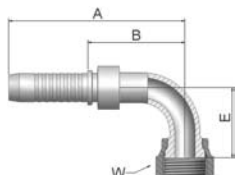
Part Number	Hose I.D.				Thread UNF	A mm	B mm	H mm	W mm
	DN	Inch	Size	mm					
KJCVS-6-6	10	3/8	-6	9,5	11/16x16	60	22	17	22
KJCVS-8-6	10	3/8	-6	9,5	13/16x16	62	23	19	24
KJCVS-8-8	12	1/2	-8	12,7	13/16x16	67	24	22	24
KJCVS-10-8	12	1/2	-8	12,7	1x14	69	26	24	30
KJCVS-10-10	16	5/8	-10	15,9	1x14	79	28	24	30
KJCVS-12-10	16	5/8	-10	15,9	1-3/16x12	82	31	30	36
KJCVS-12-12	20	3/4	-12	19,1	1-3/16x12	85	31	30	36
KJCVS-16-12	20	3/4	-12	19,1	1-7/16x12	89	35	36	41
KJCVS-16-16	25	1	-16	25,4	1-7/16x12	99	39	36	41
KJCVS-20-16	25	1	-16	25,4	1-11/16x12	95	34	41	50

J7 - Female ORFS – Swivel – 45° Elbow – ISO 12151-1 – SWE 45°
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	95	53	16	30
KJ7VS-10-10	16	5/8	-10	15,9	1x14	106	55	16	30
KJ7VS-12-10	16	5/8	-10	15,9	1-3/16x12	112	61	21	36
KJ7VS-12-12	20	3/4	-12	19,1	1-3/16x12	124	70	21	36
KJ7VS-16-12	20	3/4	-12	19,1	1-7/16x12	127	73	24	41
KJ7VS-16-16	25	1	-16	25,4	1-7/16x12	143	82	24	41
KJ7VS-20-16	25	1	-16	25,4	1-11/16x12	144	83	25	50

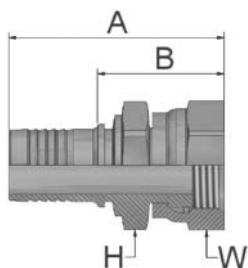
J9 - Female ORFS – Swivel – 90° Elbow – Short Drop
ISO 12151-1 – SWES, SAE J516 – ORFS 90°



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	26	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	32	30
KJ9VS-10-10	16	5/8	-10	15,9	1x14	101	50	32	30
KJ9VS-12-10	16	5/8	-10	15,9	1-3/16x12	102	52	48	36
KJ9VS-12-12	20	3/4	-12	19,1	1-3/16x12	121	67	48	36
KJ9VS-16-12	20	3/4	-12	19,1	1-7/16x12	121	67	56	41
KJ9VS-16-16	25	1	-16	25,4	1-7/16x12	141	81	56	41
KJ9VS-20-16	25	1	-16	25,4	1-11/16x12	141	81	64	50

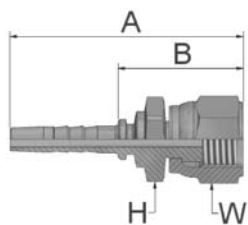
Dimensions shown may be changed at any time without prior notice.

FU - Female BSP Parallel Pipe – Swivel – Straight (30° Flare) ISO 228-1, JIS B8363 – GUI



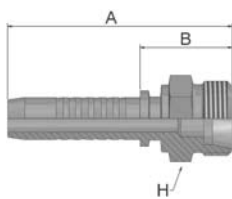
Part Number	Hose I.D.				Thread BSP	A mm	B mm	H mm	W mm
	DN	Inch	Size	mm					
KFUVS-6-6	10	3/8	-6	9,5	3/8x19	63	25	24	22

MU - Female Metric – Swivel – Straight (30° Flare) JIS B8363 - MU



Part Number	Hose I.D.				Thread metric	A mm	B mm	W mm
	DN	Inch	Size	mm				
KMUVS-6-6	10	3/8	-6	9,5	M18x1,5	63	25	24

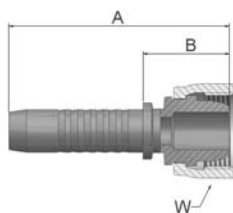
FG - Male French Gas Series – Rigid – Straight (24° Cone)



Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	H mm
	DN	Inch	Size	mm					
KFGVS-13-6	10	3/8	-6	9,5	M20x1,5	13,25	69	31	22
KFGVS-17-8	12	1/2	-8	12,7	M24x1,5	16,75	72	30	24
KFGVS-21-10	16	5/8	-10	15,9	M30x1,5	21,25	85	35	30
KFGVS-27-12	20	3/4	-12	19,1	M36x1,5	26,75	90	36	36
KFGVS-33-16	25	1	-16	25,4	M45x1,5	33,25	102	42	46

Dimensions shown may be changed at any time without prior notice.

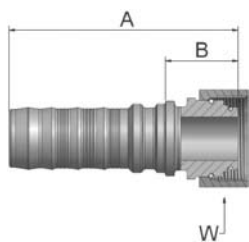
F4 - Female French Gas Series – Swivel – Straight (Ball Nose)



Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	H mm
	DN	Inch	Size	mm					
KF4VS-13-6	10	3/8	-6	9,5	M20x1,5	13,25	62	24	24
KF4VS-17-8	12	1/2	-8	12,7	M24x1,5	16,75	70	27	30
KF4VS-21-10	16	5/8	-10	15,9	M30x1,5	21,25	78	28	36
KF4VS-27-12	20	3/4	-12	19,1	M36x1,5	26,75	90	35	46
KF4VS-33-16	25	1	-16	25,4	M45x1,5	33,25	96	36	55

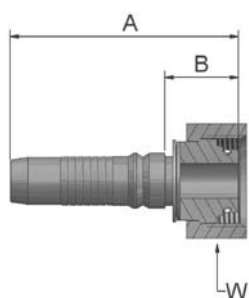
Dimensions shown may be changed at any time without prior notice.

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



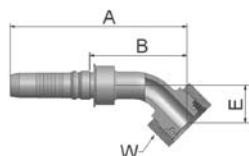
Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	W mm
	DN	Inch	Size	mm					
KCAV4-28-16	25	1	-16	25,4	M36x2	28	103	31	41
KCAV4-35-20	32	1 1/4	-20	31,8	M45x2	35	121	33	50
KCAV4-42-24	40	1 1/2	-24	38,1	M52x2	42	128	35	60

C9 - Female Metric 24° – Heavy Series with O-ring – Swivel – 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					
KC9V4-10-6	10	3/8	-6	9,5	M18x1,5	10	69	20	22
KC9V4-12-6	10	3/8	-6	9,5	M20x1,5	12	71	22	24
KC9V4-16-8	12	1/2	-8	12,7	M24x1,5	16	78	25	30
KC9V4-20-10	16	5/8	-10	15,9	M30x2	20	87	27	36
KC9V4-20-12	20	3/4	-12	19,1	M30x2	20	88	26	36
KC9V4-25-12	20	3/4	-12	19,1	M36x2	25	91	30	46
KC9V4-25-16	25	1	-16	25,4	M36x2	25	103	30	46
KC9V4-30-12	20	3/4	-12	19,1	M42x2	30	95	33	50
KC9V4-30-16	25	1	-16	25,4	M42x2	30	108	34	50
KC9V4-30-20	32	1 1/4	-20	31,8	M42x2	30	123	35	50
KC9V4-38-16	25	1	-16	25,4	M52x2	38	110	37	60
KC9V4-38-20	32	1 1/4	-20	31,8	M52x2	38	126	38	60
KC9V4-38-24	40	1 1/2	-24	38,1	M52x2	38	129	36	60

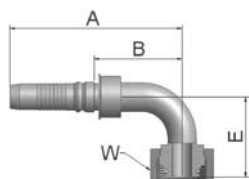
OC - Female Metric 24° – Heavy Series with O-ring – Swivel – 45° Elbow ISO 12151-2 – SWE45-S, DKOS 45°



Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm						
KOCV4-10-6	10	3/8	-6	9,5	M18x1,5	10	101	52	20	22
KOCV4-12-6	10	3/8	-6	9,5	M20x1,5	12	102	53	20	24
KOCV4-16-8	12	1/2	-8	12,7	M24x1,5	16	112	59	23	30
KOCV4-20-10	16	5/8	-10	15,9	M30x2	20	124	63	26	36
KOCV4-20-12	20	3/4	-12	19,1	M30x2	20	139	77	30	36
KOCV4-25-12	20	3/4	-12	19,1	M36x2	25	127	64	29	46
KOCV4-25-16	25	1	-16	25,4	M36x2	25	160	87	31	46
KOCV4-30-16	25	1	-16	25,4	M42x2	30	162	89	33	50
KOCV4-30-20	32	1 1/4	-20	31,8	M42x2	30	193	105	34	50
KOCV4-38-20	32	1 1/4	-20	31,8	M52x2	38	197	109	37	60
KOCV4-38-24	40	1 1/2	-24	38,1	M52x2	38	228	134	49	60

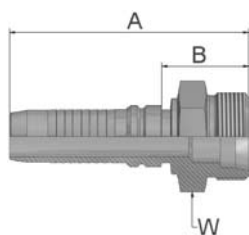
Dimensions shown may be changed at any time without prior notice.

1C - Female Metric 24° – Heavy Series with O-ring – Swivel – 90° Elbow
ISO 12151-2 – SWE-S, DKOS 90°



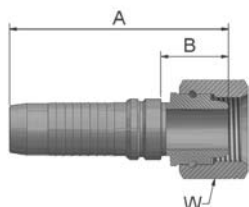
Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm						
K1CV4-10-6	10	3/8	-6	9,5	M18x1,5	10	91	42	37	22
K1CV4-12-6	10	3/8	-6	9,5	M20x1,5	12	91	42	37	24
K1CV4-16-8	12	1/2	-8	12,7	M24x1,5	16	100	47	45	30
K1CV4-20-10	16	5/8	-10	15,9	M30x2	20	112	52	50	36
K1CV4-20-12	20	3/4	-12	19,1	M30x2	20	125	63	60	36
K1CV4-25-12	20	3/4	-12	19,1	M36x2	25	126	63	59	46
K1CV4-25-16	25	1	-16	25,4	M36x2	25	150	77	66	46
K1CV4-30-16	25	1	-16	25,4	M42x2	30	151	78	69	50
K1CV4-30-20	32	1 1/4	-20	31,8	M42x2	30	180	92	69	50
K1CV4-38-20	32	1 1/4	-20	31,8	M52x2	38	187	99	78	60
K1CV4-38-24	40	1 1/2	-24	38,1	M52x2	38	210	117	101	60

D2 - Male Metric 24° – Heavy Series – Rigid – Straight
ISO 12151-2-S-S, CES



Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	W mm
	DN	Inch	Size	mm					
KD2V4-20-12	20	3/4	-12	19,1	M30x2	20	93	31	30
KD2V4-25-12	20	3/4	-12	19,1	M36x2	25	98	36	36
KD2V4-30-16	25	1	-16	25,4	M42x2	30	115	43	46
KD2V4-38-20	32	1 1/4	-20	31,8	M52x2	38	135	47	55
KD2V4-38-24	40	1 1/2	-24	38,1	M52x2	38	141	47	55

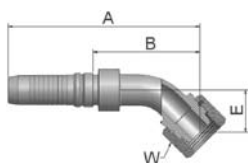
92 - Female BSP Parallel Pipe – Swivel – Straight (60° Cone)
BS5200-A, DKR



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	30
K92V4-12-12	20	3/4	-12	19,1	3/4x14	85	23	32
K92V4-16-12	20	3/4	-12	19,1	1x11	93	31	41
K92V4-16-16	25	1	-16	25,4	1x11	105	33	41
K92V4-20-20	32	1 1/4	-20	31,8	1-1/4x11	118	31	50
K92V4-24-24	40	1 1/2	-24	38,1	1-1/2x11	124	31	55
K92V4-32-32	50	2	-32	50,8	2x11	131	34	70

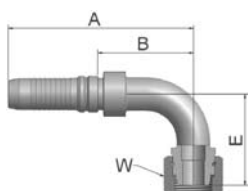
Dimensions shown may be changed at any time without prior notice.

B1 - Female BSP Parallel Pipe – Swivel – 45° Elbow (60° Cone) BS 5200-D, DKR45°



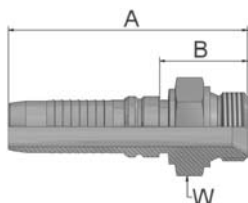
Part Number	Hose I.D.				Thread BSP	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm					
KB1V4-12-12	20	3/4	-12	19,1	3/4x14	134	72	26	32
KB1V4-16-16	25	1	-16	25,4	1x11	164	92	36	41
KB1V4-20-20	32	1 1/4	-20	31,8	1-1/4x11	198	110	38	50
KB1V4-24-24	40	1 1/2	-24	38,1	1-1/2x11	216	123	38	55
KB1V4-32-32	50	2	-32	50,8	2x11	277	180	70	70

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	20	3/4	-12	19,1	3/4x14	125	63	55	32
KB2V4-16-16	25	1	-16	25,4	1x11	150	78	74	41
KB2V4-20-20	32	1 1/4	-20	31,8	1-1/4x11	186	99	80	50
KB2V4-24-24	40	1 1/2	-24	38,1	1-1/2x11	210	117	103	55
KB2V4-32-32	50	2	-32	50,8	2x11	257	160	149	70

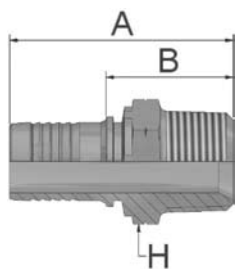
D9 - Male BSP Parallel Pipe – Rigid – Straight (60° Cone) BS5200, AGR



Part Number	Hose I.D.				Thread BSP	A mm	B mm	W mm
	DN	Inch	Size	mm				
KD9V4-10-10	16	5/8	-10	15,9	5/8x14	94	35	30
KD9V4-12-12	20	3/4	-12	19,1	3/4x14	99	37	32
KD9V4-16-16	25	1	-16	25,4	1x11	115	43	41
KD9V4-20-20	32	1 1/4	-20	31,8	1-1/4x11	134	47	50
KD9V4-24-24	40	1 1/2	-24	38,1	1-1/2x11	142	49	55
KD9V4-32-32	50	2	-32	50,8	2x11	148	50	70

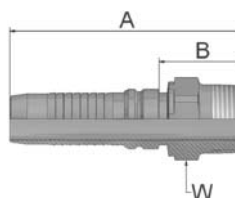
Dimensions shown may be changed at any time without prior notice.

91 - Male BSP Taper Pipe – Rigid – Straight
BS5200, AGR-K



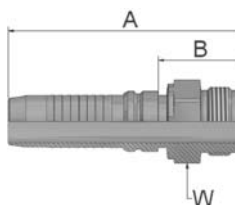
Part Number	Hose I.D.				Thread BSP	A mm	B mm	H mm
	DN	Inch	Size	mm				
K91V4-12-12	20	3/4	-12	19,1	3/4x14	96	34	27
K91V4-16-16	25	1	-16	25,4	1x11	113	40	36
K91V4-20-20	32	1 1/4	-20	31,8	1-1/4x11	131	43	46
K91V4-24-24	40	1 1/2	-24	38,1	1-1/2x11	152	59	55
K91V4-32-32	50	2	-32	50,8	2x11	166	68	65

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



Part Number	Hose I.D.				Thread NPTF	A mm	B mm	W mm
	DN	Inch	Size	mm				
K01V4-12-12	20	3/4	-12	19,1	3/4x14	100	38	30
K01V4-16-16	25	1	-16	25,4	1x11-1/2	117	45	36
K01V4-20-20	32	1 1/4	-20	31,8	1-1/4x11-1/2	146	59	46
K01V4-24-24	40	1 1/2	-24	38,1	1-1/2x11-1/2	148	55	50
K01V4-32-32	50	2	-32	50,8	2x11-1/2	160	62	65

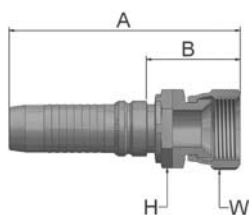
03 - Male JIC 37° – Rigid – Straight
ISO12151-5-S, AGJ



Part Number	Hose I.D.				Thread UNF	A mm	B mm	W mm
	DN	Inch	Size	mm				
K03V4-12-12	20	3/4	-12	19,1	1-1/16x12	101	39	30
K03V4-16-12	20	3/4	-12	19,1	1-5/16x12	103	41	36
K03V4-16-16	25	1	-16	25,4	1-5/16x12	117	45	36
K03V4-20-20	32	1 1/4	-20	31,8	1-5/8x12	139	51	50
K03V4-24-20	32	1 1/4	-20	31,8	1-7/8x12	139	48	50
K03V4-24-24	40	1 1/2	-24	38,1	1-7/8x12	146	53	50
K03V4-32-32	50	2	-32	50,8	2-1/2x12	161	64	65

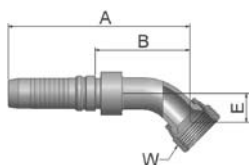
Dimensions shown may be changed at any time without prior notice.

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



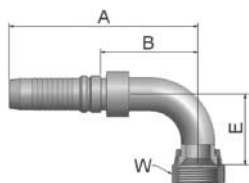
Part Number	Hose I.D.				Thread UNF	A mm	B mm	H mm	W mm
	DN	Inch	Size	mm					
K06V4-12-12	20	3/4	-12	19,1	1-1/16x12	105	43	30	32
K06V4-16-12	20	3/4	-12	19,1	1-5/16x12	109	48	36	41
K06V4-16-16	25	1	-16	25,4	1-5/16x12	122	50	36	41
K06V4-20-16	25	1	-16	25,4	1-5/8x12	125	52	46	55
K06V4-20-20	32	1 1/4	-20	31,8	1-5/8x12	146	58	46	55
K06V4-24-20	32	1 1/4	-20	31,8	1-7/8x12	150	63	50	60
K06V4-24-24	40	1 1/2	-24	38,1	1-7/8x12	152	59	50	60
K06V4-32-32	50	2	-32	50,8	2-1/2x12	175	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	20	3/4	-12	19,1	1-1/16x12	128	66	21	32
K37V4-16-16	25	1	-16	25,4	1-5/16x12	152	80	24	41
K37V4-20-20	32	1 1/4	-20	31,8	1-5/8x12	201	114	42	55
K37V4-24-24	40	1 1/2	-24	38,1	1-7/8x12	227	134	49	60
K37V4-32-32	50	2	-32	50,8	2-1/2x12	279	182	72	75

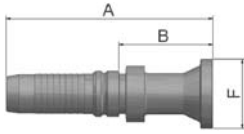
39 - Female JIC 37° – Swivel – 90° Elbow ISO 12151-5-SWES – DKJ 90°



Part Number	Hose I.D.				Thread UNF	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm					
K39V4-12-12	20	3/4	-12	19,1	1-1/16x12	125	63	48	32
K39V4-16-12	20	3/4	-12	19,1	1-5/16x12	125	63	56	41
K39V4-16-16	25	1	-16	25,4	1-5/16x12	150	78	56	41
K39V4-20-16	25	1	-16	25,4	1-5/8x12	150	78	62	55
K39V4-20-20	32	1 1/4	-20	31,8	1-5/8x12	186	99	85	55
K39V4-24-20	32	1 1/4	-20	31,8	1-7/8x12	186	99	80	60
K39V4-24-24	40	1 1/2	-24	38,1	1-7/8x12	210	117	102	60
K39V4-32-32	50	2	-32	50,8	2-1/2x12	257	160	152	75

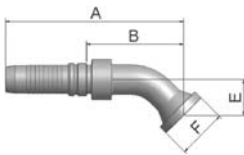
Dimensions shown may be changed at any time without prior notice.

15 / 4A - SAE Code 61 – Flange Head – Straight / SAE Flange Head 5000 psi
ISO 12151-3-S-L , SFL



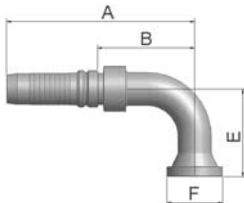
Part Number	Hose I.D.				Flange Size	A mm	B mm	F mm
	DN	Inch	Size	mm				
K15V4-12-12	20	3/4	-12	19,1	3/4"	119	58	38
K15V4-16-12	20	3/4	-12	19,1	1"	100	38	45
K15V4-16-16	25	1	-16	25,4	1"	133	61	45
K15V4-16-20	32	1 1/4	-20	31,8	1"	152	64	45
K4AV4-20-16	25	1	-16	25,4	1 1/4"	101	28	51
K4AV4-20-20	32	1 1/4	-20	31,8	1 1/4"	160	72	51
K4AV4-24-20	32	1 1/4	-20	31,8	1 1/2"	126	39	60
K4AV4-24-24	40	1 1/2	-24	38,1	1 1/2"	190	97	60
K4AV4-32-24	40	1 1/2	-24	38,1	2"	149	56	71
K4AV4-32-32	50	2	-32	50,8	2"	189	92	71

17 / 4F - SAE Code 61 – Flange Head 45° Elbow – 45° Elbow (5000 psi)
ISO 12151-3 – E45S – L , SFL45°



Part Number	Hose I.D.				Flange Size	A mm	B mm	E mm	F mm
	DN	Inch	Size	mm					
K17V4-12-12	20	3/4	-12	19,1	3/4"	133	71	26	38
K17V4-16-12	20	3/4	-12	19,1	1"	133	71	26	45
K17V4-16-16	25	1	-16	25,4	1"	160	88	32	45
K17V4-16-20	32	1 1/4	-20	31,8	1"	198	110	38	45
K4FV4-20-16	25	1	-16	25,4	1 1/4"	160	88	32	51
K4FV4-20-20	32	1 1/4	-20	31,8	1 1/4"	198	110	38	51
K4FV4-24-20	32	1 1/4	-20	31,8	1 1/2"	198	110	38	60
K4FV4-24-24	40	1 1/2	-24	38,1	1 1/2"	222	129	44	60
K4FV4-32-24	40	1 1/2	-24	38,1	2"	222	129	44	71
K4FV4-32-32	50	2	-32	50,8	2"	269	171	62	71

19 / 4N - SAE Code 61 – Flange Head – 90° Elbow (5000 psi)
ISO 12151-3-E-L , SFL 90°

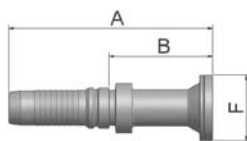


Part Number	Hose I.D.				Flange Size	A mm	B mm	E mm	F mm
	DN	Inch	Size	mm					
K19V4-12-12	20	3/4	-12	19,1	3/4"	125	63	58	38
K19V4-16-12	20	3/4	-12	19,1	1"	125	63	58	45
K19V4-16-16	25	1	-16	25,4	1"	150	78	70	45
K19V4-16-20	32	1 1/4	-20	31,8	1"	186	99	90	45
K4NV4-20-16	25	1	-16	25,4	1 1/4"	150	78	68	51
K4NV4-20-20	32	1 1/4	-20	31,8	1 1/4"	186	99	90	51
K4NV4-20-24	40	1 1/2	-24	38,1	1 1/4"	197	104	104	51
K4NV4-24-20	32	1 1/4	-20	31,8	1 1/2"	186	99	90	60
K4NV4-24-24	40	1 1/2	-24	38,1	1 1/2"	210	117	104	60
K4NV4-32-24	40	1 1/2	-24	38,1	2"	210	117	104	71
K4NV4-32-32	50	2	-32	50,8	2"	257	160	138	71

Dimensions shown may be changed at any time without prior notice.

6A - SAE Code 62 – Flange – Straight

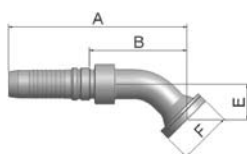
ISO 12151-3-S-S / SFS / 6000 psi



Part Number	Hose I.D.				Flange Size	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	34	41
K6AV4-12-12	20	3/4	-12	19,1	3/4"	126	64	41
K6AV4-12-16	25	1	-16	25,4	3/4"	150	77	41
K6AV4-16-12	20	3/4	-12	19,1	1"	100	38	48
K6AV4-16-16	25	1	-16	25,4	1"	148	75	48
K6AV4-16-20	32	1 1/4	-20	31,8	1"	166	78	48
K6AV4-20-16	25	1	-16	25,4	1 1/4"	116	44	54
K6AV4-20-20	32	1 1/4	-20	31,8	1 1/4"	166	78	54
K6AV4-20-24	40	1 1/2	-24	38,1	1 1/4"	174	81	54
K6AV4-24-20	32	1 1/4	-20	31,8	1 1/2"	139	51	64
K6AV4-24-24	40	1 1/2	-24	38,1	1 1/2"	192	99	64
K6AV4-24-32	50	2	-32	50,8	1 1/2"	198	101	64
K6AV4-32-24	40	1 1/2	-24	38,1	2"	153	61	79
K6AV4-32-32	50	2	-32	50,8	2"	212	115	79

6F - SAE Flange 45° Elbow – Heavy Series

ISO 12151-3 – E45-S / SFS 45° / 6000 psi

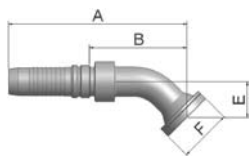


Part Number	Hose I.D.				Flange Size	A mm	B mm	E mm	F mm
	DN	Inch	Size	mm					
K6FV4-8-10	16	5/8	-10	15,9	1/2"	123	63	26	32
K6FV4-12-10	16	5/8	-10	15,9	3/4"	123	63	26	41
K6FV4-12-12	20	3/4	-12	19,1	3/4"	133	72	26	41
K6FV4-12-16	25	1	-16	25,4	3/4"	154	82	32	41
K6FV4-16-12	20	3/4	-12	19,1	1"	133	71	26	48
K6FV4-16-16	25	1	-16	25,4	1"	160	88	32	48
K6FV4-16-20	32	1 1/4	-20	31,8	1"	198	110	38	48
K6FV4-20-16	25	1	-16	25,4	1 1/4"	161	89	32	54
K6FV4-20-20	32	1 1/4	-20	31,8	1 1/4"	198	110	38	54
K6FV4-24-20	32	1 1/4	-20	31,8	1 1/2"	198	110	38	64
K6FV4-24-24	40	1 1/2	-24	38,1	1 1/2"	222	129	44	64
K6FV4-32-24	40	1 1/2	-24	38,1	2"	222	129	44	79
K6FV4-32-32	50	2	-32	50,8	2"	263	166	56	79

Dimensions shown may be changed at any time without prior notice.

6F - Long – SAE Flange 45° Elbow – Heavy Series

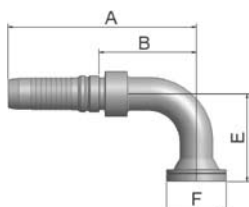
ISO 12151-3 – E45-S / SFS 45° / 6000 psi



Part Number	Hose I.D.				Flange Size	A	B	E	F
	DN	Inch	Size	mm					
K6FV4-12-12-SL55	20	3/4	-12	19,1	3/4"	162	101	55	41
K6FV4-16-12-SL55	20	3/4	-12	19,1	1"	162	101	55	48
K6FV4-16-16-SL55	25	1	-16	25,4	1"	183	110	55	48
K6FV4-20-16-SL55	25	1	-16	25,4	1 1/4"	184	112	55	54
K6FV4-20-20-SL60	32	1 1/4	-20	31,8	1 1/4"	220	132	60	54
K6FV4-24-20-SL60	32	1 1/4	-20	31,8	1 1/2"	220	132	60	64
K6FV4-24-24-SL70	40	1 1/2	-24	38,1	1 1/2"	248	155	70	64
K6FV4-32-32-SL70	50	2	-32	50,8	2"	277	180	70	79

6N - SAE Code 62 Flange Head – 90° Elbow

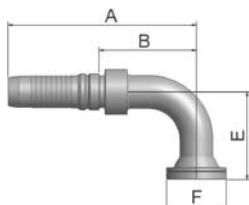
ISO 12151-3 – E-S / SFS 90° / 6000 psi



Part Number	Hose I.D.				Flange Size	A	B	E	F
	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	54	41
K6NV4-12-12	20	3/4	-12	19,1	3/4"	125	63	58	41
K6NV4-12-16	25	1	-16	25,4	3/4"	140	68	70	41
K6NV4-16-12	20	3/4	-12	19,1	1"	125	63	58	48
K6NV4-16-16	25	1	-16	25,4	1"	150	78	70	48
K6NV4-16-20	32	1 1/4	-20	31,8	1"	186	99	90	48
K6NV4-20-16	25	1	-16	25,4	1 1/4"	154	82	70	54
K6NV4-20-20	32	1 1/4	-20	31,8	1 1/4"	186	99	90	54
K6NV4-20-24	40	1 1/2	-24	38,1	1 1/4"	197	104	104	54
K6NV4-24-20	32	1 1/4	-20	31,8	1 1/2"	186	99	90	64
K6NV4-24-24	40	1 1/2	-24	38,1	1 1/2"	210	117	104	64
K6NV4-24-32	50	2	-32	50,8	1 1/2"	221	124	104	64
K6NV4-32-24	40	1 1/2	-24	38,1	2"	210	117	104	79
K6NV4-32-32	50	2	-32	50,8	2"	257	160	138	79

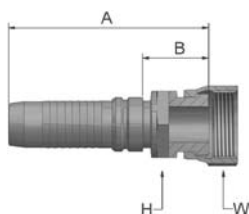
Dimensions shown may be changed at any time without prior notice.

6N - Long – SAE Code 62 Flange Head – 90° Elbow ISO 12151-3 – E-S / SFS 90° / 6000 psi



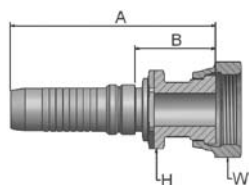
Part Number	Hose I.D.				Flange Size	A mm	B mm	E mm	F mm
	DN	Inch	Size	mm					
K6NV4-12-12-SL100	20	3/4	-12	19,1	3/4"	125	63	100	41
K6NV4-16-12-SL100	20	3/4	-12	19,1	1"	125	63	100	48
K6NV4-16-16-SL100	25	1	-16	25,4	1"	150	77	100	48
K6NV4-20-16-SL115	25	1	-16	25,4	1 1/4"	154	81	115	54
K6NV4-20-20-SL330	32	1 1/4	-20	31,8	1 1/4"	186	98	330	54
K6NV4-20-20-SL120	32	1 1/4	-20	31,8	1 1/4"	186	98	120	54
K6NV4-24-20-SL135	32	1 1/4	-20	31,8	1 1/2"	186	98	135	64
K6NV4-24-24-SL140	40	1 1/2	-24	38,1	1 1/2"	210	117	140	64

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	20	3/4	-12	19,1	1-3/16x12	93	31	30	36
KJCV4-12-16	25	1	-16	25,4	1-3/16x12	101	29	36	36
KJCV4-16-12	20	3/4	-12	19,1	1-7/16x12	93	31	36	41
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	104	31	41	50
KJCV4-20-20	32	1 1/4	-20	31,8	1-11/16x12	127	39	46	50
KJCV4-24-24	40	1 1/2	-24	38,1	2x12	131	38	50	60

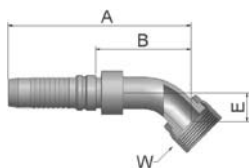
JS - ORFS Swivel Female (Long) ISO 12151-1-SWSB, SAE J516 – ORFS



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	48	41	50
KJSV4-20-20	32	1 1/4	-20	31,8	1-11/16x12	137	50	41	50

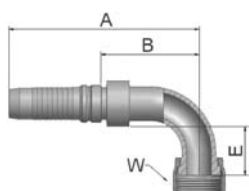
Dimensions shown may be changed at any time without prior notice.

J7 - Female ORFS – Swivel – 45° Elbow – ISO 12151-1 – SWE 45°
ISO 12151-1-SWE 45°, SAE J516 – ORFS 45°



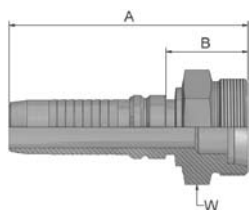
Part Number	Hose I.D.				Thread UNF	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm					
KJ7V4-12-12	20	3/4	-12	19,1	1-3/16x12	128	66	21	36
KJ7V4-16-12	20	3/4	-12	19,1	1-7/16x12	131	70	24	41
KJ7V4-16-16	25	1	-16	25,4	1-7/16x12	152	80	24	41
KJ7V4-20-16	25	1	-16	25,4	1-11/16x12	154	81	26	50
KJ7V4-20-20	32	1 1/4	-20	31,8	1-11/16x12	189	102	30	50
KJ7V4-24-24	40	1 1/2	-24	38,1	2x12	218	125	40	60

J9 - Female ORFS – Swivel – 45° Elbow – ISO 12151-1 – SWE 45°
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					
KJ9V4-12-12	20	3/4	-12	19,1	1-3/16x12	125	63	48	36
KJ9V4-16-12	20	3/4	-12	19,1	1-7/16x12	125	63	56	41
KJ9V4-16-16	25	1	-16	25,4	1-7/16x12	150	78	56	41
KJ9V4-20-16	25	1	-16	25,4	1-11/16x12	150	77	64	50
KJ9V4-20-20	32	1 1/4	-20	31,8	1-11/16x12	186	99	69	50
KJ9V4-24-24	40	1 1/2	-24	38,1	2x12	210	117	82	60

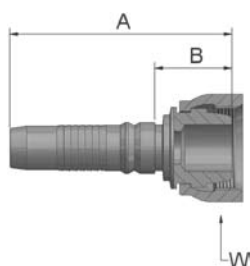
FG - Male French Gas Series – Rigid – Straight (24° Cone)



Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	W mm
	DN	Inch	Size	mm					
KFGV4-27-12	20	3/4	-12	19,1	M36x1,5	26,75	94	32	36
KFGV4-33-16	25	1	-16	25,4	M45x1,5	33,5	111	39	46

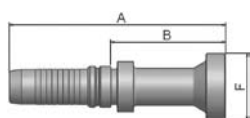
Dimensions shown may be changed at any time without prior notice.

F4 - Female French Gas Series – Swivel – Straight (Ball Nose)



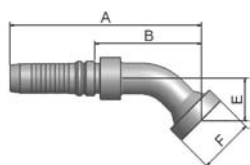
Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	W mm
	DN	Inch	Size	mm					
KF4V4-27-12	20	3/4	-12	19,1	M36x1,5	26,75	95	33	46

XA - Caterpillar® Flange Head – Straight



Part Number	Hose I.D.				Flange Size	A mm	B mm	F mm
	DN	Inch	Size	mm				
KXAV4-12-12	20	3/4	-12	19,1	3/4"	132	71	41
KXAV4-16-12	20	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

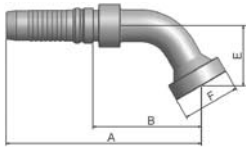
XF - Caterpillar® Flange Head – 45° Elbow



Part Number	Hose I.D.				Flange Size	A mm	B mm	E mm	F mm
	DN	Inch	Size	mm					
KXFV4-12-12	20	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

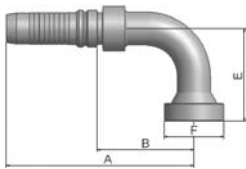
Dimensions shown may be changed at any time without prior notice.

XG - Caterpillar® Flange Head – 60° Elbow



Part Number	Hose I.D.				Flange Size	A mm	B mm	E mm	F mm
	DN	Inch	Size	mm					
KXGV4-16-12	20	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

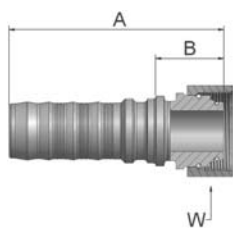
XN - Caterpillar® Flange Head – 90° Elbow



Part Number	Hose I.D.				Flange Size	A mm	B mm	E mm	F mm
	DN	Inch	Size	mm					
KXNV4-12-12	20	3/4	-12	19,1	3/4"	125	63	63	41
KXNV4-16-12	20	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

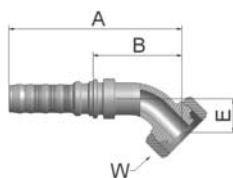
Dimensions shown may be changed at any time without prior notice.

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



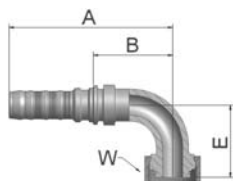
Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	W mm
	DN	Inch	Size	mm					
KCAV6-35-20	32	1 1/4	-20	31,8	M45x2	35	130	39	50
KCAV6-42-24	40	1 1/2	-24	38,1	M52x2	42	138	42	60

CE - Female Metric 24° – Light Series with O-ring – Swivel – 45° Elbow ISO 12151-2-SWE45-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						
KCEV6-35-20	32	1 1/4	-20	31,8	M45x2	35	188	97	37	50
KCEV6-42-24	40	1 1/2	-24	38,1	M52x2	42	226	130	49	60

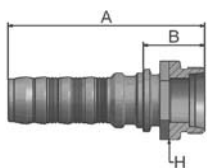
CF - Female Metric 24° – Light Series with O-ring – Swivel – 90° Elbow ISO 12151-2-SWE-L, DKOL 90



Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm						
KCFV6-35-20	32	1 1/4	-20	31,8	M45x2	35	177	86	79	50
KCFV6-42-24	40	1 1/2	-24	38,1	M52x2	42	209	113	101	60

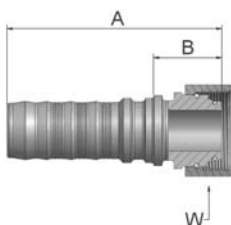
Dimensions shown may be changed at any time without prior notice.

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	W mm
	DN	Inch	Size	mm					
KD0V6-35-20	32	1 1/4	-20	31,8	M45x2	35	132	41	46
KD0V6-42-24	40	1 1/2	-24	38,1	M52x2	42	139	43	55

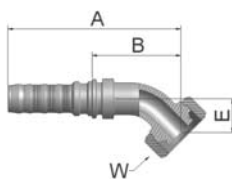
C9 - Female Metric 24° – Heavy Series with O-ring – Swivel – Straight
ISO 12151-2-SWS-S, DKOS



Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	W mm
	DN	Inch	Size	mm					
KC9V6-30-20	32	1 1/4	-20	31,8	M42x2	30	131	41	50
KC9V6-38-20	32	1 1/4	-20	31,8	M52x2	38	135	44	60
KC9V6-38-24	40	1 1/2	-24	38,1	M52x2	38	139	43	60

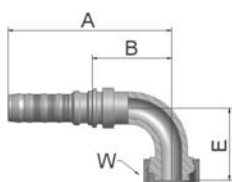
Dimensions shown may be changed at any time without prior notice.

0C - Female Metric 24° – Heavy Series with O-ring – Swivel – 45° Elbow ISO 12151-2 – SWE45-S, DKOS 45°



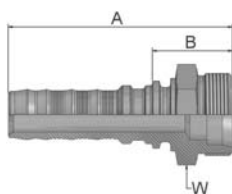
Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm						
K0CV6-30-20	32	1 1/4	-20	31,8	M42x2	30	184	93	34	50
K0CV6-38-20	32	1 1/4	-20	31,8	M52x2	38	187	96	37	60
K0CV6-38-24	40	1 1/2	-24	38,1	M52x2	38	226	130	49	60

1C - Female Metric 24° – Heavy Series with O-ring – Swivel – 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						
K1CV6-30-20	32	1 1/4	-20	31,8	M42x2	30	169	78	69	50
K1CV6-38-20	32	1 1/4	-20	31,8	M52x2	38	177	86	78	60
K1CV6-38-24	40	1 1/2	-24	38,1	M52x2	38	209	113	101	60

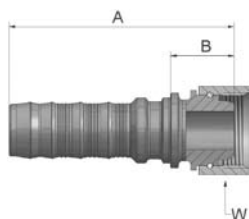
D2 - Male Metric 24° – Heavy Series – Rigid – Straight ISO 12151-2-S-S, CES



Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	W mm
	DN	Inch	Size	mm					
KD2V6-30-20	32	1 1/4	-20	31,8	M42x2	30	137	46	46
KD2V6-38-20	32	1 1/4	-20	31,8	M52x2	38	142	51	55
KD2V6-38-24	40	1 1/2	-24	38,1	M52x2	38	147	51	55

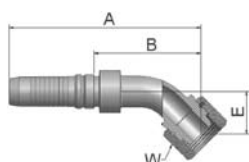
Dimensions shown may be changed at any time without prior notice.

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



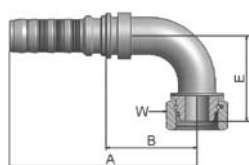
Part Number	Hose I.D.				Thread BSP	A mm	B mm	W mm
	DN	Inch	Size	mm				
K92V6-20-20	32	1 1/4	-20	31,8	1-1/4x11	127	36	50
K92V6-24-24	40	1 1/2	-24	38,1	1-1/2x11	134	38	55
K92V6-32-32	50	2	-32	50,8	2x11	151	41	70

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					
KB1V6-20-20	32	1 1/4	-20	31,8	1-1/4x11	194	103	43	50
KB1V6-24-24	40	1 1/2	-24	38,1	1-1/2x11	215	119	38	55
KB1V6-32-32	50	2	-32	50,8	2x11	285	174	67	70

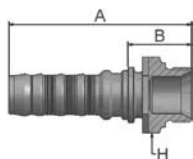
B2 - Female BSP Parallel Pipe – Swivel – 90° Elbow (60° Cone)
BS 5200-B, DKR 90°



Part Number	Hose I.D.				Thread BSP	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm					
KB2V6-20-20	32	1 1/4	-20	31,8	1-1/4x11	177	86	80	50
KB2V6-24-24	40	1 1/2	-24	38,1	1-1/2x11	209	113	103	55
KB2V6-32-32	50	2	-32	50,8	2x11	268	157	149	70

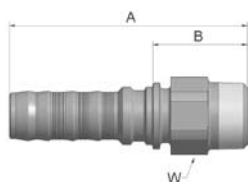
Dimensions shown may be changed at any time without prior notice.

D9 - Male BSP Parallel Pipe – Rigid – Straight (60° Cone) BS5200, AGR



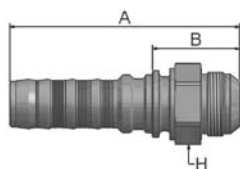
Part Number	Hose I.D.				Thread BSP	A mm	B mm	W mm
	DN	Inch	Size	mm				
KD9V6-20-20	32	1 1/4	-20	31,8	1-1/4x11	139	48	50
KD9V6-24-24	40	1 1/2	-24	38,1	1-1/2x11	148	52	55
KD9V6-32-32	50	2	-32	50,8	2x11	168	58	70

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



Part Number	Hose I.D.				Thread NPTF	A mm	B mm	W mm
	DN	Inch	Size	mm				
K01V6-20-20	32	1 1/4	-20	31,8	1-1/4x11-1/2	151	60	46
K01V6-24-24	40	1 1/2	-24	38,1	1-1/2x11-1/2	159	63	50
K01V6-32-32	50	2	-32	50,8	2x11-1/2	181	70	65

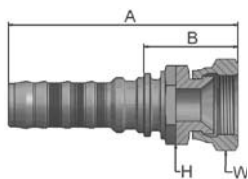
03 - Male JIC 37° – Rigid – Straight ISO12151-5-S, AGJ



Part Number	Hose I.D.				Thread UNF	A mm	B mm	W mm
	DN	Inch	Size	mm				
K03V6-20-20	32	1 1/4	-20	31,8	1-5/8x12	147	56	46
K03V6-24-24	40	1 1/2	-24	38,1	1-7/8x12	156	60	50
K03V6-32-32	50	2	-32	50,8	2-1/2x12	182	71	65

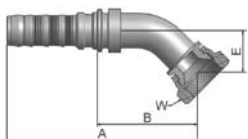
Dimensions shown may be changed at any time without prior notice.

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



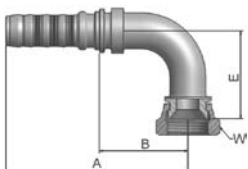
Part Number	Hose I.D.				Thread metric	A mm	B mm	H mm	W mm
	DN	Inch	Size	mm					
K06V6-20-20	32	1 1/4	-20	31,8	1-5/8x12	154	63	46	55
K06V6-24-20	32	1 1/4	-20	31,8	1-7/8x12	159	68	50	60
K06V6-24-24	40	1 1/2	-24	38,1	1-7/8x12	163	67	50	60
K06V6-32-32	50	2	-32	50,8	2-1/2x12	188	78	65	75

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



Part Number	Hose I.D.				Thread UNF	Tube O.D. mm	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm						
K37V6-20-20	32	1 1/4	-20	31,8	1-5/8x12	30	192	101	42	55
K37V6-24-24	40	1 1/2	-24	38,1	1-7/8x12	38	235	139	58	60
K37V6-32-32	50	2	-32	50,8	2-1/2x12	38	290	180	72	75

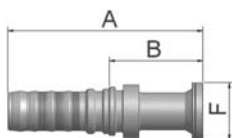
39 - Female JIC 37° – Swivel – 90° Elbow
ISO 12151-5-SWES – DKJ 90°



Part Number	Hose I.D.				Thread UNF	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm					
K39V6-20-20	32	1 1/4	-20	31,8	1-5/8x12	177	86	85	55
K39V6-24-24	40	1 1/2	-24	38,1	1-7/8x12	209	113	102	60
K39V6-32-32	50	2	-32	50,8	2-1/2x12	268	157	152	75

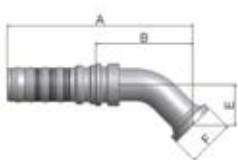
Dimensions shown may be changed at any time without prior notice.

15 / 4A - SAE Code 61 – Flange Head – Straight / SAE Flange Head 5000 psi ISO 12151-3-S-L, SFL



Part Number	Hose I.D.				Flange Size	A mm	B mm	F mm
	DN	Inch	Size	mm				
K15V6-16-20	32	1 1/4	-20	31,8	1"	161	70	44
K4AV6-20-20	32	1 1/4	-20	31,8	1 1/4"	167	76	51
K4AV6-24-20	32	1 1/4	-20	31,8	1 1/2"	130	39	60
K4AV6-24-24	40	1 1/2	-24	38,1	1 1/2"	201	105	60
K4AV6-32-24	40	1 1/2	-24	38,1	2"	159	63	71
K4AV6-32-32	50	2	-32	50,8	2"	210	100	71

17 / 4F - SAE Code 61 – Flange Head 45° Elbow – 45° Elbow (5000 psi) ISO 12151-3 – E45S – L, SFL 45°



Part Number	Hose I.D.				Flange Size	A mm	B mm	E mm	F mm
	DN	Inch	Size	mm					
K17V6-16-20	32	1 1/4	-20	31,8	1"	188	97	38	44
K4FV6-20-20	32	1 1/4	-20	31,8	1 1/4"	188	97	38	51
K4FV6-20-24	40	1 1/2	-24	38,1	1 1/4"	201	105	44	51
K4FV6-24-20	32	1 1/4	-20	31,8	1 1/2"	188	97	38	60
K4FV6-24-24	40	1 1/2	-24	38,1	1 1/2"	221	125	44	60
K4FV6-32-24	40	1 1/2	-24	38,1	2"	221	125	44	71
K4FV6-32-32	50	2	-32	50,8	2"	274	164	56	71

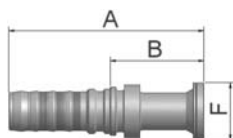
19 / 4N - SAE Code 61 – Flange Head – 90° Elbow (5000 psi) ISO 12151-3-E-L, SFL 90°



Part Number	Hose I.D.				Flange Size	A mm	B mm	E mm	F mm
	DN	Inch	Size	mm					
K19V6-16-20	32	1 1/4	-20	31,8	1"	177	86	90	44
K4NV6-20-20	32	1 1/4	-20	31,8	1 1/4"	177	86	90	51
K4NV6-20-24	40	1 1/2	-24	38,1	1 1/4"	184	88	104	51
K4NV6-24-20	32	1 1/4	-20	31,8	1 1/2"	177	86	90	60
K4NV6-24-24	40	1 1/2	-24	38,1	1 1/2"	209	113	104	60
K4NV6-32-24	40	1 1/2	-24	38,1	2"	209	113	104	71
K4NV6-32-32	50	2	-32	50,8	2"	268	157	138	71

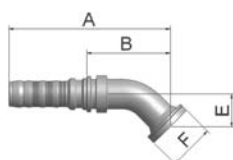
Dimensions shown may be changed at any time without prior notice.

6A - SAE Code 62 – Flange – Straight
ISO 12151-3-S/S / SFS / 6000 psi



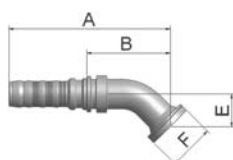
Part Number	Hose I.D.				Flange Size	A mm	B mm	F mm
	DN	Inch	Size	mm				
K6AV6-16-20	32	1 1/4	-20	31,8	1"	175	84	48
K6AV6-20-20	32	1 1/4	-20	31,8	1 1/4"	175	83	54
K6AV6-20-24	40	1 1/2	-24	38,1	1 1/4"	185	89	54
K6AV6-24-20	32	1 1/4	-20	31,8	1 1/2"	147	56	64
K6AV6-24-24	40	1 1/2	-24	38,1	1 1/2"	202	106	64
K6AV6-24-32	50	2	-32	50,8	1 1/2"	219	108	64
K6AV6-32-24	40	1 1/2	-24	38,1	2"	164	68	79
K6AV6-32-32	50	2	-32	50,8	2"	233	138	79

6F - SAE Flange 45° Elbow – Heavy Series
ISO 12151-3 – E45-S / SFS 45° / 6000 psi



Part Number	Hose I.D.				Flange Size	A mm	B mm	E mm	F mm
	DN	Inch	Size	mm					
K6FV6-16-20	32	1 1/4	-20	31,8	1"	188	97	38	48
K6FV6-20-20	32	1 1/4	-20	31,8	1 1/4"	189	97	38	54
K6FV6-20-24	40	1 1/2	-24	38,1	1 1/4"	209	113	44	54
K6FV6-24-20	32	1 1/4	-20	31,8	1 1/2"	189	97	38	64
K6FV6-24-24	40	1 1/2	-24	38,1	1 1/2"	221	125	44	64
K6FV6-24-32	50	2	-32	50,8	1 1/2"	260	149	56	64
K6FV6-32-24	40	1 1/2	-24	38,1	2"	221	125	44	79
K6FV6-32-32	50	2	-32	50,8	2"	274	163	56	79

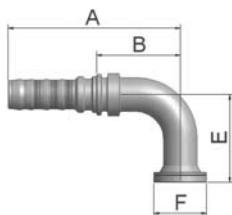
6F - Long – SAE Flange 45° Elbow – Heavy Series
ISO 12151-3 – E45-S / SFS 45° / 6000 psi



Part Number	Hose I.D.				Flange Size	A mm	B mm	E mm	F mm
	DN	Inch	Size	mm					
K6FV6-20-20-SL60	32	1 1/4	-20	31,8	1 1/4"	210	119	60	54
K6FV6-24-24-SL70	40	1 1/2	-24	38,1	1 1/2"	247	151	70	64

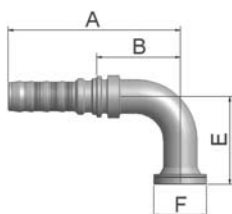
Dimensions shown may be changed at any time without prior notice.

6N - SAE Code 62 Flange Head – 90° Elbow ISO 12151-3 – E-S / SFS 90° / 6000 psi



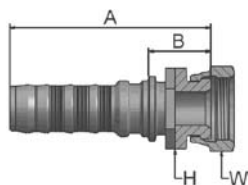
Part Number	Hose I.D.				Flange Size	A mm	B mm	E mm	F mm
	DN	Inch	Size	mm					
K6NV6-16-20	32	1 1/4	-20	31,8	1"	177	86	90	48
K6NV6-20-20	32	1 1/4	-20	31,8	1 1/4"	177	86	90	54
K6NV6-20-24	40	1 1/2	-24	38,1	1 1/4"	192	96	104	54
K6NV6-24-20	32	1 1/4	-20	31,8	1 1/2"	177	86	90	64
K6NV6-24-24	40	1 1/2	-24	38,1	1 1/2"	210	113	104	64
K6NV6-24-32	50	2	-32	50,8	1 1/2"	236	125	104	64
K6NV6-32-24	40	1 1/2	-24	38,1	2"	209	113	104	79
K6NV6-32-32	50	2	-32	50,8	2"	268	157	138	79

6N - Long – SAE Code 62 Flange Head – 90° Elbow ISO 12151-3 – E-S / SFS 90° / 6000 psi



Part Number	Hose I.D.				Flange Size	A mm	B mm	E mm	F mm
	DN	Inch	Size	mm					
K6NV6-20-20-SL120	32	1 1/4	-20	31,8	1 1/4"	177	86	120	54

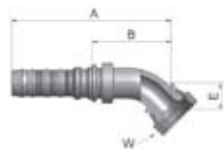
JC - Female ORFS – Swivel – Straight – Short ISO 12151-1 – SWSA, SAE J516, ORFS



Part Number	Hose I.D.				Thread metric	A mm	B mm	H mm	W mm
	DN	Inch	Size	mm					
KJCV6-20-20	32	1 1/4	-20	31,8	1-11/16x12	132	41	46	50
KJCV6-24-20	32	1 1/4	-20	31,8	2x12	133	42	50	60
KJCV6-24-24	40	1 1/2	-24	38,1	2x12	140	44	50	60

Dimensions shown may be changed at any time without prior notice.

J7 - Female ORFS – Swivel – 45° Elbow – ISO 12151-1 – SWE 45°
ISO 12151-1-SWE 45°, SAE J516 – ORFS 45°



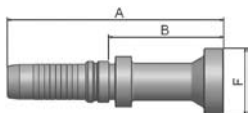
Part Number XXXX-YY-ZZ	Hose I.D.				Thread UNF	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm					
KJ7V6-20-20	32	1 1/4	-20	31,8	1-11/16x12	179	88	33	50
KJ7V6-24-20	32	1 1/4	-20	31,8	2x12	190	99	40	60
KJ7V6-24-24	40	1 1/2	-24	38,1	2x12	216	120	40	60

J9 - Female ORFS – Swivel – 90° Elbow – Short Drop
ISO 12151-1 – SWES, SAE J516 – ORFS 90°



Part Number XXXX-YY-ZZ	Hose I.D.				Thread UNF	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm					
KJ9V6-20-20	32	1 1/4	-20	31,8	1-11/16x12	177	86	79	50
KJ9V6-24-20	32	1 1/4	-20	31,8	2x12	177	86	70	60
KJ9V6-24-24	40	1 1/2	-24	38,1	2x12	202	106	87	60

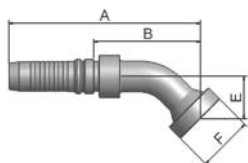
XA - Caterpillar® Flange Head – Straight



Part Number XXXX-YY-ZZ	Hose I.D.				Flange Size	A mm	B mm	F mm
	DN	Inch	Size	mm				
KXAV6-20-20	32	1 1/4	-20	31,8	1 1/4"	181	90	54
KXAV6-24-20	32	1 1/4	-20	31,8	1 1/2"	188	97	64
KXAV6-24-24	40	1 1/2	-24	38,1	1 1/2"	207	111	64

Dimensions shown may be changed at any time without prior notice.

XF - Caterpillar® Flange Head – 45° Elbow



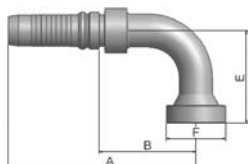
Part Number	Hose I.D.				Flange Size	A	B	E	F
	DN	Inch	Size	mm		mm	mm	mm	mm
KXFBV6-20-20	32	1 1/4	-20	31,8	1 1/4"	187	96	37	54
KXFBV6-24-20	32	1 1/4	-20	31,8	1 1/2"	187	96	36	64
KXFBV6-24-24	40	1 1/2	-24	38,1	1 1/2"	216	120	39	64

XG - Caterpillar® Flange Head – 60° Elbow



Part Number	Hose I.D.				Flange Size	A	B	E	F
	DN	Inch	Size	mm		mm	mm	mm	mm
KXGV6-20-20	32	1 1/4	-20	31,8	1 1/4"	206	115	55	54
KXGV6-24-20	32	1 1/4	-20	31,8	1 1/2"	208	117	52	64
KXGV6-24-24	40	1 1/2	-24	38,1	1 1/2"	266	170	52	64

XN - Caterpillar® Flange Head – 90° Elbow



Part Number	Hose I.D.				Flange Size	A	B	E	F
	DN	Inch	Size	mm		mm	mm	mm	mm
KXNV6-20-20	32	1 1/4	-20	31,8	1 1/4"	177	86	77	54
KXNV6-24-20	32	1 1/4	-20	31,8	1 1/2"	177	86	77	64
KXNV6-24-24	40	1 1/2	-24	38,1	1 1/2"	209	113	106	64

Dimensions shown may be changed at any time without prior notice.

PARLOCK* Hose Assemblies*Technical Information**

For crimp diameters and skive lengths please consult

www.parker.com/euro_hpd

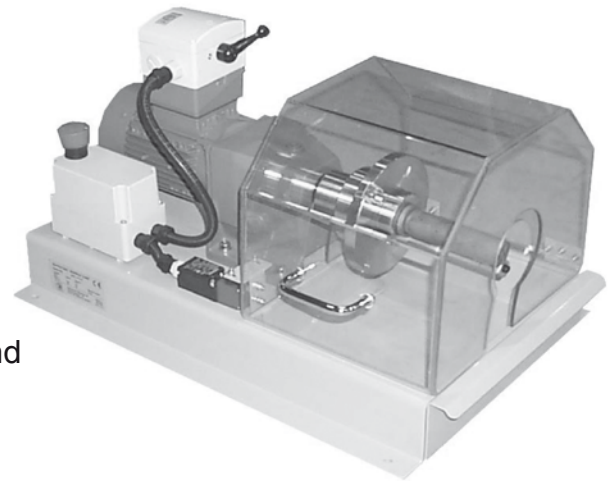
└ ***Literature***

└ ***Assembly Instructions***

└ ***ParLock***

TH2-9

Hose Skiving Machine



Main Features

- For efficient skiving of hydraulic hoses (external and internal) from dimensions size -4 up to -32
- The machine is easily controlled by a footpedal
- Waste collection bin

Technical Data

Hose capacity, external skiving	
4 and 6 layer	size -4 up to -32 (DN 6 - DN 50)
Hose capacity, internal skiving	
4 and 6 layer	size -6 up to -32 (DN 10 - DN 50)
Motor	0,75 kW
Voltage 3 phases	400 V/16 A/50 Hz
Voltage single phase	230 V/10 A/50 Hz
Speed	125 rpm
Color	light grey
Dimensions (W x D x H):	410 x 600 x 390 mm
Weight	35 kg

3 phases, 440 V

Part number: TH2-9-3PH

1 phase, 230 V

Part number: TH2-9-1PH

Accessories

External skiving tool: size -4 up to -32

Internal skiving tool: size -6 up to -32

Size	Internal skiving tool (without knife) Part-No.	Internal skiving knife Part-No.
-6	TH2-12NT-6	TH2-12NK-6
-8	TH2-12NT-8	TH2-12NK-8
-10	TH2-12NT-10	TH2-12NK-1012
-12	TH2-12NT-12	
-16	TH2-12NT-16	TH2-12NK-1620
-20	TH2-12NT-20	
-24	TH2-12NT-24	TH2-12NK-2432
-32	TH2-12NT-32	



Internal skiving tool

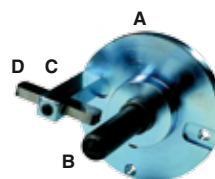
A: Internal skiving knife

Primary Application Areas

For small series and service application.

Restriction

Not recommended for series production.



External skiving tool

A: External skiving tool holder
B: Mandrel for external skiving
C: Holder for skiving tool
D: External skiving knife

Size	Mandrel Size Part-No.	External skiving tool (without knife) Part-No.	External skiving knife Part-No.
-4	TH2-11M-4	short arm TH2-11ES	TH2-11EK
-6	TH2-11M-6		
-8	TH2-11M-8		
-10	TH2-11M-10		
-12	TH2-11M-12		
-16	TH2-11M-16	long arm TH2-11EL	
-20	TH2-11M-20		
-24	TH2-11M-24		
-32	TH2-11M-32		

TH2-10-3PH Hose Skiving Machine

Main Features

- Efficient external and internal skiving
- Semi-automatic electro-pneumatic control-system
- CE-conforming
- Adjustable pressure and speed
- Automatic self-centering system
- Waste collection bin

Technical Data

Hose capacity, external skiving	
4 and 6 layer	size -4 up to -32 (DN 6 - DN 50)
Hose capacity, internal skiving	
4 and 6 layer	size -6 up to -32 (DN 10 - DN 50)
Skiving capacity	up to 400 hoses/h
Motor	1,2 kW/3 phases 400 V/16 A/50 Hz
Speed	315 rpm
Air pressure	min. 7,0 bar
Color	light grey
Dimensions (W x D x H)	1200 x 680 x 1080 mm
Weight	132 kg

Part number: TH2-10-3PH

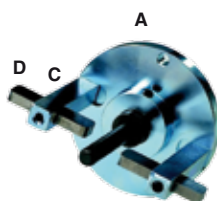
Accessories

External skiving tool size -4 up to -32

Internal skiving tool size -6 up to -32

Internal skiving tool

A: Internal skiving knife

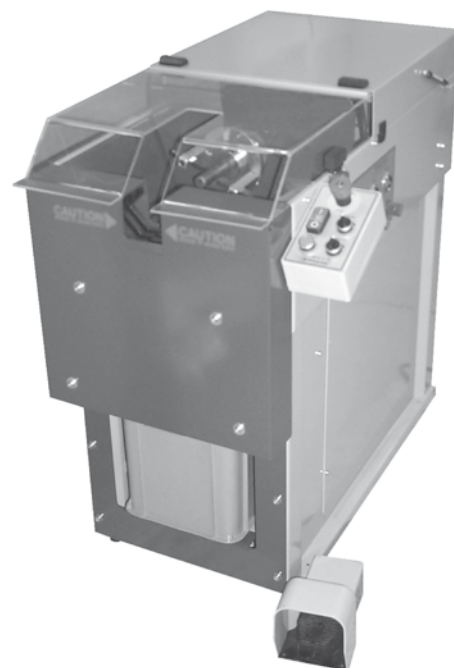


External skiving tool

A: External skiving tool holder
B: Mandrel for external skiving
C: Holder for skiving tool
D: External skiving knife

Size	Internal skiving tool (without knife) Part-No.	Internal skiving knife Part-No.
-6	TH2-12NT-6	TH2-12NK-6
-8	TH2-12NT-8	TH2-12NK-8
-10	TH2-12NT-10	TH2-12NK-1012
-12	TH2-12NT-12	
-16	TH2-12NT-16	TH2-12NK-1620
-20	TH2-12NT-20	
-24	TH2-12NT-24	TH2-12NK-2432
-32	TH2-12NT-32	

Size	Mandrel Size Part-No.	External skiving tool (without knife) Part-No.	Additional arm Part-No.	External skiving knife Part-No.
-4	TH2-11M-4	short arm TH2-11ES	short arm TH2-11ES-1	TH2-11EK
-6	TH2-11M-6			
-8	TH2-11M-8			
-10	TH2-11M-10			
-12	TH2-11M-12			
-16	TH2-11M-16	long arm TH2-11EL	long arm TH2-11EL-1	
-20	TH2-11M-20			
-24	TH2-11M-24			
-32	TH2-11M-32			



Primary Application Areas

Mainly for hose workshop production for medium and big series up to size -32.

Restriction

None

TH2-13-3PH

Twin Skive-Machine

Main Features

- Twin Skive-Machine for quick internal and external skiving
- Semi-automatic electro-pneumatic control-system
- Automatic self-centering system
- Adjustable pressure and speed
- Waste collection bin
- Eliminates work-related injuries

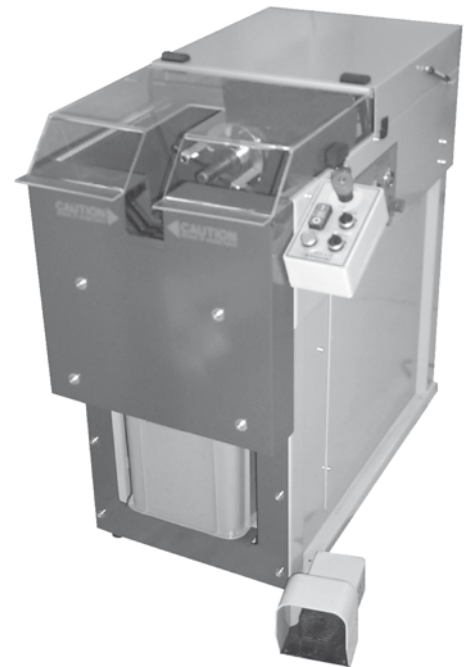
Technical Data

Hose capacity, external skiving	
4 and 6 layer	size -4 up to -32 (DN 6 - DN 50)
Hose capacity, internal skiving	
4 and 6 layer	size -6 up to -32 (DN 10 - DN 50)
Skiving capacity	up to 400 - 600 hoses/h
Motor	2 x 0,75 kW /3 phases 400 V/16 A/50 Hz
Speed	400 / 315 rpm
Air pressure	min. 7,0 bar
Colour	light grey
Dimensions (W x D x H)	1200 x 680 x 1080 mm
Weight	150 kg

Part number: TH2-13-3PH

Accessories

External skiving tool size -4 up to -32
Internal skiving tool size -6 up to -32

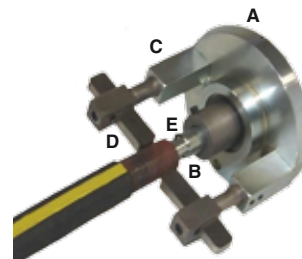


Primary Application Areas

For hose assembly workshops for the production series production up to size -32

Restriction

None



Skiving tool

- A: Tooling holder complete
- B: Mandrel for external skiving
- C: Holder for external skiving knife
- D: External skiving knife
- E: Internal skiving knife

Size	Mandrel Size Part-No.	Internal skiving knife Part-No.	External skiving tool (without knife) Part-No.	Additional arm Part-No.	External skiving knife Part-No.
-8	TH2-13M-8	TH2-12NK-8	short arm TH2-13ES	short arm TH2-13ES-1	TH2-11EK
-10	TH2-13M-10	TH2-12NK-1012			
-12	TH2-13M-12				
-16	TH2-13M-16	TH2-12NK-1620	long arm TH2-13EL	long arm TH2-13EL-1	
-20	TH2-13M-20				
-24	TH2-13M-24	TH2-12NK-2432			
-32	TH2-13M-32				

TH 8-380.B – 6SP DN50

Heavy-Duty Hose Crimper

Main Features

- Heavy-duty crimper for crimping all Parker/ParLock hose types up to 4 or 6 spiral steel wire layers (DIN 4SP/4SH, SAE 100 R13 up to 2", DN 50 – and SAE 100R15 up to 2" - DN 50)
- Crimps all Parker industrial hose types up to 4" (DN 100)



Technical Data

Motor	400 V/50 Hz/3 Ph/5,5 kW
Crimping force	350 t
Control TH 8-380.B	Digital Control B
SAE R13	2"
SAE R15	2"
Industrial hose	4"
Open / Close speed	23 mm / s
Dies	232 L & 239 L
LxWxH (mm)	1200 x 600 x 1600
Weight (without Oil)	750 kg
Weight (with Oil)	840 kg
Sound pressure level	65 dB (A)

Part number: TH8-380.B

Tools:

This machine is equipped with the proven PB 232 and PB 239 die systems. The intermediate die set 232.239L is supplied with the basic model.

For V4 and V6 fittings above size -16 long die sets are required (e.g. PB 232-57).

Options:

Set of mirrors	SHS
Foot switch	FU
Workplace lamp	TH8-LUS

On request:

Quick change system	QDS 239 C
	QDS 239.3

Primary Application Areas

Heavy-duty crimper for crimping multispiral hoses and big sizes (up to DN 60) in workshops for series production.

Suitable for all standard Parker hoses.

Restriction

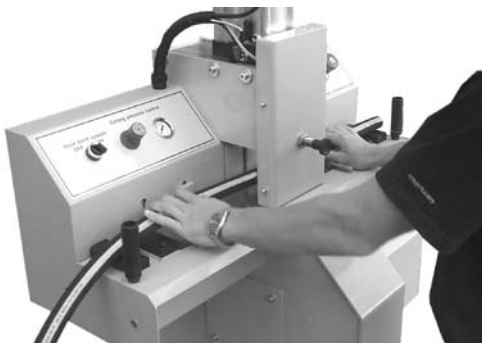
None

TH3-15-3PH

Hose Cutting Machine

The TH3-15-3PH is an extremely strong hydraulic and pneumatically operated hose cutting machine for heavy duty production. It has an „open throat“ hatch for inserting the hose from the front. It is also equipped with a pneumatic hose pre-bending system, three different cutting strokes, cutting blade brake and variable cutting speed control to avoid overheating of the cutting blade.

Waste is collected in a container which is easily emptied. TH3-15-3PH is suitable for all hose types up to 90 mm O.D. or maximum 6 spiral layered hydraulic hoses.



The blade is submerged in the table and is concealed by two flaps which opens when the hose is pressed against the blade. We have thereby achieved a high degree of safety. To improve working conditions, the machine is equipped with a hatch for easy loading during cutting of long hoses.



Technical data

Hose capacity 1-2-3 layers

Hose capacity 4-6 layers

Max. outside hose dia.

Motor

Velocity

Diameter (blade), ext.

Diameter (blade), int.

Counter

Connection to smoke evacuation system

Colour

3/16" - 3"

1/4" - 2"

90 mm

7,5 kW

400V 25A 50Hz

2850 rpm

520 mm

50 mm

0-9999 pcs

100 mm

Light grey

Dimensions

Length

Depth

Height

Weight

900 mm

645 mm

1150 mm

210 kg

Part number

TH3-15-3PH

Spare parts

Cutting blade, smooth 520x4x38

Cutting blade, toothed"TF" 520x4x38

Cutting blade, toothed"TS" 520x4x50

Adapter ring, 50x38 (for TH3-15-BTS)

TH3-15-BS

TH3-15-BTF

TH3-15-BTS

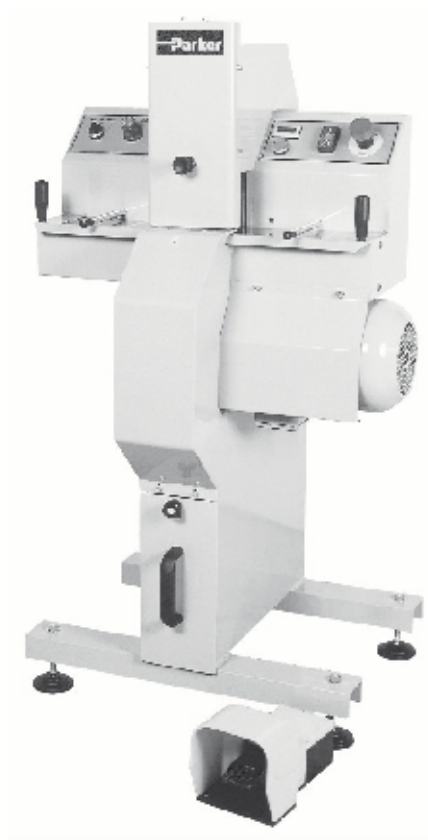
TH3-15-BAR

TH3-14-3PH Hose Cutting Machine

TH3-14-3PH is a high performance and very safe pneumatically operated hose cutting machine. It has a 5 kW motor, a 400 mm cutting blade and is suitable from 3/16" up to 2" on 4-spiralled hoses. This model has an "open throat" hatch for inserting the hose from the front. The machine is also equipped with a pre-selection for 3 different cutting speeds to avoid overheating of the cutting blade and variable cutting stroke.



Control Panels



Technical data

Hose dimension 1-2-4-layers

Max. outside hose diameter

Motor

Velocity

Diameter (blade), external

Diameter (blade), internal

Air pressure

Counter

Hose connection for smoke evacuation system

Colour

3/16" - 2"

80 mm

5,5 kW

400V 16A 50Hz

2850 rpm

400 mm

50 mm

min. 6,0 bar

0-9999 pcs

100 mm

Light grey/Dark grey

Dimensions

Length

Depth

Height

Weight

700 mm

600 mm

1300 mm

140 kg

Part number

TH3-14-3PH

Spare parts

Cutting blade, standard 400x4x50

Cutting blade, toothed"TS"400x4x50

TH3-14-BS

TH3-14-BT

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