



aerospace
climate control
electromechanical
filtration
fluid & gas handling
hydraulics
pneumatics
process control
sealing & shielding



Hydraulic Hose Fittings in Stainless Steel

Catalogue



ENGINEERING YOUR SUCCESS.

Where corrosion resistance is vital

... stainless steel is the perfect solution

For pneumatic and hydraulic applications in demanding environments, your connection requirements will be met by Parker's range of stainless steel products. Parker offers a broad range of connection components such as tubes, tube fittings or 1- or 2-piece hose fittings for low, medium and high-pressure hydraulic hoses. We engineer the best solutions for our customers'

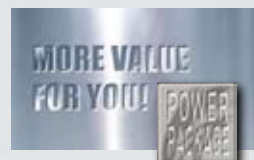
requirements and help them to achieve higher levels of profitability by high savings in the supply chain.

Why? Because we offer a complete system of stainless steel products – everything from one source and approved by well-known international classification bodies. It goes without saying that Parker's stainless steel components are produced using

superior quality stainless steel grade 1.457. Thanks to their resistance to corrosion and acids, all components are suitable for tough environments. However, some special applications require special materials and here you can rely on Parker as well – we have the resources to produce customised hose fittings for even the most demanding customer requirements.

Power in Stainless Steel

- ✓ Premier customer service
- ✓ Single-source solution
- ✓ Worldwide availability
- ✓ One team for all requirements
- ✓ Customized products
- ✓ Special materials
- ✓ Complementary design of tube & hose fittings



Customised Solutions

Today's hose and fitting technology must meet the constantly increasing challenges and requirements of modern machines and equipment in demanding applications and environments. To satisfy these needs, Parker is continuously developing new state-of-the-art products, solutions and technologies.

Non-standard and customised hose fittings are available for specific applications and requirements

- Jump sizes
- Specific end-configurations
- Specific drop lengths
- Fitting/tube combinations
- Customised prototypes
- Any batch size upwards from a single piece

Special markets or projects require individual custom solutions

- Low-, medium- and high-pressure hydraulic hose assemblies with a broad variety of end-configurations
- Combined hose/tube assemblies
- Manipulated steel, stainless steel, aluminium and copper tubes with a broad variety of brazed, welded, formed and pre-assembled end-configurations
- Industrial hose assemblies or special hose assemblies for fluid applications.



SPH supercased bite ring in stainless steel

- ✓ Manufactured from stainless steel 1.4571
- ✓ For stainless steel tubes 6-42 mm O.D.
- ✓ Up to 630 bar nominal pressure
- ✓ Temperature range: -60°C to 400°C
- ✓ Fully corrosion resistant
- ✓ Resistant to aggressive media
- ✓ Silver-plated nut threads reduce the tightening torque of the fitting
- ✓ System geometry robust against vibration stress
- ✓ Ring spring effect compensates for settling after assembly

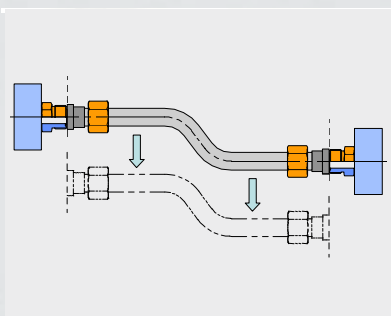


The supercased stainless steel bite-type ring from Parker-Ermeto has been developed especially for aggressive internal and external media. The special geometry and thermochemical hardening process guarantee a permanently leakproof and corrosion-resistant connection under extreme conditions.

O-Lok[®] in stainless steel

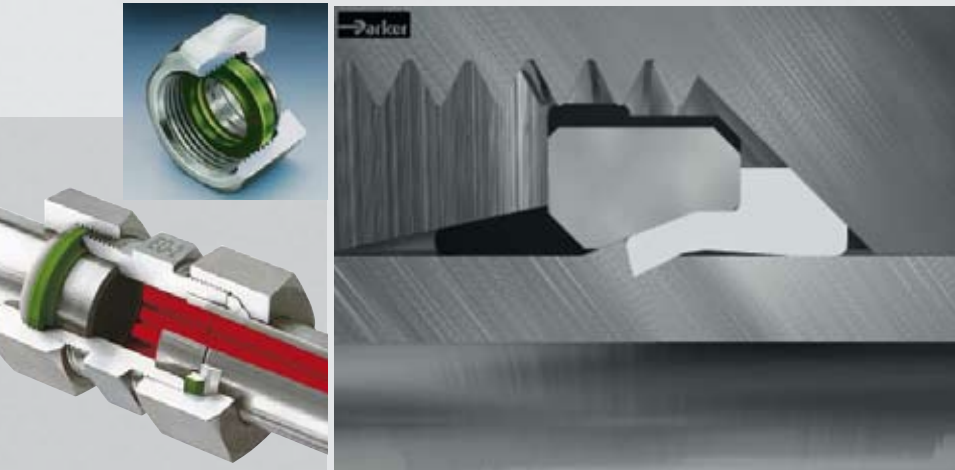
– a combination of the finest components

As a part of Parker's Dry Tech Fittings, the milliontimes proven Dry Technology O-Lok[®] Concept has been known worldwide. O-Lok[®] stainless steel offers a lot of advantages of the Dry Technology.



- ✓ Easy assembly
- ✓ Low tightening torque
- ✓ Unlimited repeatable assembly
- ✓ Superior vibration resistance
- ✓ Cost efficient
- ✓ Break away system for easy and fast installation and maintenance

E02 – Soft sealed bite-type in stainless steel



Elastomeric seal blocks the only leak path. The geometry of the large sealing lip causes a pressure supported sealing effect. This makes the E02 joint resistant to vibration and pressure peaks.

- ✓ Pressure rating up to 630 bar (PN)
- ✓ Reduction of tightening torques up to 40% by silver plating
- ✓ Cutting ring SPH supercased hardened as a standard
- ✓ Easier assembly
- ✓ Simple handling through functional nut

E02-FORM in stainless steel

The new E02-FORM process achieves a smooth structural transformation of the tube wall allowing superior vibration resistance.

Dry Technology

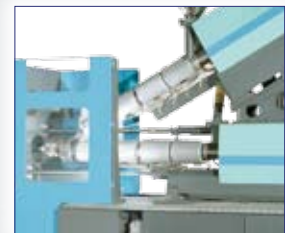
- ✓ Winning combination: Cold formed tube and soft sealed E02-technology proven in millions of applications worldwide
- ✓ Same seal element for E02 and E02-FORM
- ✓ Easy on-site installation and field repair using E02



Whatever application you have

... we have the best solution in stainless steel

- ✓ Automotive / Machine Tool
- ✓ Injection Moulding
- ✓ Pulp and Paper
- ✓ Marine / Offshore / Shipyard
- ✓ Power Generation and Energy
- ✓ Vertical Drill Rigs
- ✓ Transportation
- ✓ Chemical Industry



Parker Hose Products

A short summary of a long history

Parker Hose Products Division, established in 1948, is both a pioneer and market leader in the hose business.

With its history of success as a world leader in the flexible rubber hose market, Parker now more than ever continues to pursue aggressively new technologies and business, and because of this, offers its customers the best solution for each and every hose application.

Parker has built a strong relationship with the OEM and aftermarket sectors, tailoring its products and services to the special requirements of both markets.

Parker's goal is constant success. Co-operation with customers brings about confidence and reliability, mutual respect, open communication and prompt problem solving responses.

Hose Products Division Europe has its headquarters in Veniano, Italy and can supply the hoses and services you need for your particular business.

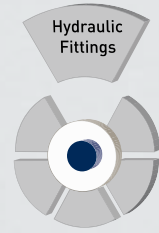
Customer Focused

Hose Products Division Europe is customer focused, serving selected European markets with hydraulic and industrial hose products and services. By maximising value for our customers through quality and service, we can contribute to their and our own long-term profitability. As an easy-to-deal-with organization, we see the empowerment of everyone involved as the key success factor in remaining the preferred source for our markets.



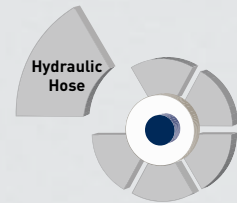
Hydraulic Fittings

Permanent crimp fittings and Push-Lok reusable fittings



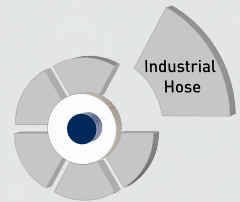
Hydraulic Hose

Low pressure, medium pressure and high pressure braided and spiral hoses



Industrial Hose and Couplings

Long length hoses, mandrel-made hoses, PVC-PU hoses and couplings



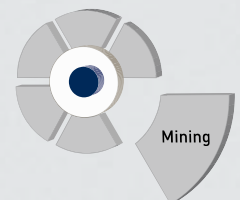
Hose and Tube Assembly

Hose assemblies, rigid tubes, hose/tube combinations, Tech. Services, Kanban, and Kitting supported by a range of Value Added Services.



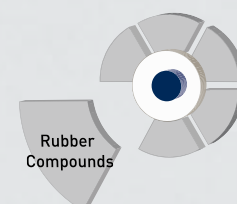
Mining Products

Mining hoses, adaptors, valves, filters, pipelines, couplings, manifolds



Rubber Compounds

Standard compounds and customer specific formulations. All compounds available in black and a range of other colours.



Parker Hose Products Division

– a market leader in the hose business

Parker provides proven leak-free fluid conveying systems around the globe and has the power to support them!

- **Low-Pressure Push-Lok**

The intelligent solution for low-pressure systems and markets with end configurations in DIN, BSP, SAE, JIC and ORFS in stainless steel, brass and steel for a wide selection of different hose types in rubber and thermoplastic as well as a hybrid version. All hose materials are available in 7 different colours.

Pressure range: Up to 2.4 MPa



- **Medium-Pressure Hydraulics**

Fittings for applications in mobile and industrial hydraulics. The perfect range for the more demanding market requirements with a broad range of Parkrimp No-Skive fittings, with over 60 end configurations, combined with Parker hose and crimpers allows simple and safe assembly – whenever and wherever needed.

Pressure range: Up to 42.5 MPa



- **High-Pressure Hydraulic**

Heavy-duty products for heavy-duty applications with a full range of Parkrimp No-Skive multispiral hoses & fittings and of ParLock skive hose & fittings

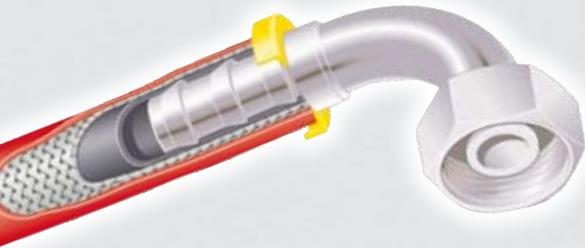
Pressure range: Up to 55.0 MPa.



Fittings in Stainless Steel

– for applications where corrosion resistance is vital

Push-Lok fittings and Push-Lok low-pressure hoses



For low-pressure pneumatic or hydraulically operated systems within the automotive, semi-conductor, food processing or pulp and paper industry.

Low-pressure Sizes up to 2,4 MPa
1/4" to 3/4"

Fitting styles

DIN, BSP, SAE, JIC, ORFS and others

Hose styles

801, 804, 821FR, 831, 836, 837BM, 830M, 838M, 837PU-Plus

Parkrimp® *No-Skive* crimp fittings (1-piece and 2-piece) and Parkrimp® *No-Skive* medium- & high-pressure hoses



For medium- and high-pressure applications such as marine, steel mill, food processing, pulp and paper, and off-shore drilling.

Medium-pressure

Sizes up to 40,0 MPa
1/4" to 1.1/4"

Fitting styles

DIN, BSP, SAE, Flange

Hose styles

301SN, 302, 304, 421SN, 421RH, 421WC, 422, 424, 426, 436, 441, 441RH, 451TC, 461LT, 462, 462ST, 471TC, 472TC, 492, 492ST, 692, 692Twin, 811, 881

High-pressure

Sizes up to 45,0 MPa
3/8" to 1.1/4"

Constructed with 4 spiral layers of steel reinforcement for severe impulse and pressure applications.

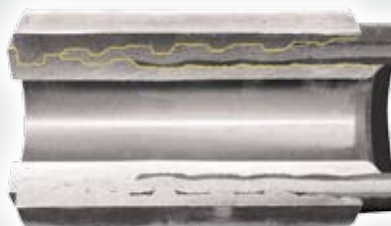
Fitting styles

DIN, BSP, SAE, Flange

Hose styles

371LT, 372, 372RH, 372TC, 701

ParLock skive type crimp fittings (2-piece Interlock) and ParLock skive high-pressure hoses



High-pressure Sizes up to 45,0 MPa
3/8" to 1.1/4"

Constructed with 4-6 spiral layers of steel reinforcement for high flex-impulse or high vibration applications. The ParLock design is approved by the German Accident Prevention & Insurance Association (Berufsgenossenschaft) conforming to EN 201

– approved for injection moulding machine applications.

Fitting styles

DIN, BSP, SAE, Flange

Hose styles

H29, H29TC, H29ST, R42, R42TC, R42ST



aerospace
climate control
electromechanical
filtration
fluid & gas handling
hydraulics
pneumatics
process control
sealing & shielding



Hydraulic Hose Fittings in Stainless Steel

Low-Pressure



ENGINEERING YOUR SUCCESS.

Low-Pressure Push-Lok®

– the self-grip hose system for low-pressure applications

- ✓ **Easy assembly** – no tools or clamps required
- ✓ **Wide variety of hose types**
 - 6 rubber hose types
 - 2 thermoplastic hoses
 - 1 hybrid hose
- ✓ **7 colours for**
 - easy identification
 - simple production processes
 - a colour for a particular medium
 - easy control of maintenance intervals
 - simple stock planning in different departments
- ✓ **One fitting series for all hose types**
 - with DIN, BSP, SAE, JIC and ORFS connections in brass, steel and stainless steel



Push-Lok® assembly

- Cut the hose with a sharp knife
- Push the nipple into the hose – that's all!



Push-Lok® disassembly

- Cut lengthwise along a line at approximately a 20° angle from centre line of the hose. The cut should be approximately 2 cm long. Be careful not to nick barbs when cutting the hose.
- Grip hose and give a sharp downward tug to disengage from fitting.
- Before re-using the nipple please check it for any damage.

Low-Pressure Push-Lok Hoses

6 Rubber hose types

801 – for a variety of applications

804 – for high-temperature water / phosphate ester fluid

821FR – with fire retardant hose cover

831 – ideal for petroleum-based fluids

836 – for high oil temperatures

837BM – for a variety of applications including automotive

2 Thermoplastic hose types

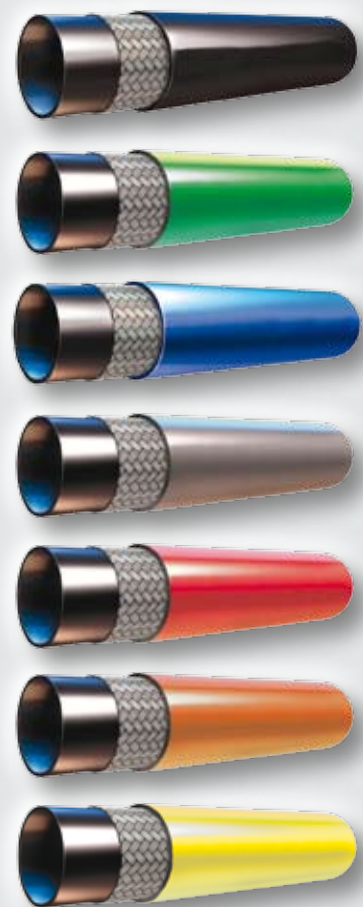
830M – for a variety of applications including automotive

838M – for non-conductive applications






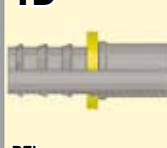
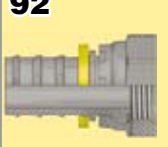


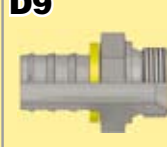

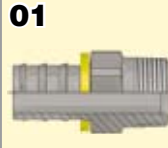
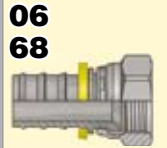

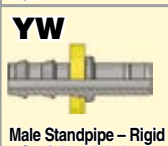
1 Hybrid hose type

837PU-Plus – for a variety of applications including automotive

7 Different colors



Fittings Overview 82 Series

DIN	CF  DKOL 90°	D0  DKM or DKLL	C3  DKL	C4  DKL 45°	C5  DKL 90°	1D  BEL
BSP	92  DKR	B1  DKR 45	B2  DKR 90	D9  AGR	91  AGR-K	
SAE	01  AGN	06 68  DKJ	39 3W  DKJ 90°			
others	YW  Male Standpipe - Rigid - Straight - A-Lok					

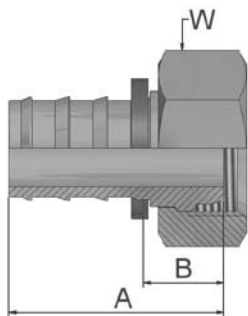
Further end-configurations available on request.

Hose Pressure Ratings

Hose size DN	Working Pressure MPa (safety factor 4:1)											Temperature Range °C	Reinforcement
	-4 06	-5 08	-6 10	-8 12	-10 16	-12 20	-16 25	-20 32	-24 40	-32 50	-46		
801	1.7		1.7	1.7	1.7	1.7	1.2					-40/+100	1 braid, fibre
804	0.9		0.9	0.9		0.9						-40/ +80	1 braid, fibre
821FR	2.4		2.0	2.0		1.7						-40/+100	1 braid, fibre
830M	1.6		1.6	1.6	1.6	1.6						-20/ +60	1 braid, fibre
831	2.4		2.0	2.0	2.0	2.0						-40/+100	1 braid, fibre
836	1.7		1.7	1.7	1.7							-40/+150	1 braid, fibre
837BM	1.6		1.6	1.6	1.6	1.6						-40/+100	1 braid, fibre
837PU	1.6		1.6	1.6	1.6	1.6						-40/+100	1 braid, fibre
838M	1.6		1.6	1.6	1.6	1.6						-20/ +60	1 braid, fibre

C3 – Female Metric – Light Series – Swivel – Straight (Ball Nose)

DKL

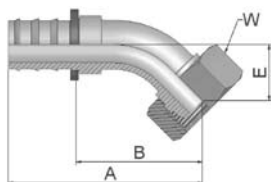


Part Number XXXXX-YY-ZZ 82	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	W mm
	DN	Inch	Size	mm					
3C382-6-4C	6	1/4	-4	6,3	M12x1,5	6	35	16	14
3C382-8-4C	6	1/4	-4	6,3	M14x1,5	8	33	14	17
3C382-10-4C	6	1/4	-4	6,3	M16x1,5	10	36	17	19
3C382-10-6C	10	3/8	-6	9,5	M16x1,5	10	40	17	19
3C382-12-6C	10	3/8	-6	9,5	M18x1,5	12	38	15	22
3C382-15-8C	12	1/2	-8	12,7	M22x1,5	15	44	17	27
3C382-18-10C	16	5/8	-10	15,9	M26x1,5	18	54	17	32
3C382-22-12C	20	3/4	-12	19,0	M30x2	22	58	22	36
3C382-28-16C-K	25	1	-16	25,4	M36x2	28	58	20	41

K: Without plastic ring

C4 – Female Metric – Light Series – Swivel – 45° Elbow (Ball Nose)

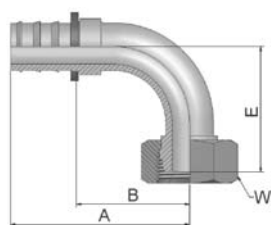
DKL 45°



Part Number XXXXX-YY-ZZ 82	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm						
3C482-8-4C	6	1/4	-4	6,3	M14x1,5	8	49	30	14	17
3C482-10-6C	10	3/8	-6	9,5	M16x1,5	10	59	36	19	19
3C482-12-6C	10	3/8	-6	9,5	M18x1,5	12	59	36	18	22

C5 – Female Metric – Light Series – Swivel – 90° Elbow (Ball Nose)

DKL 90°

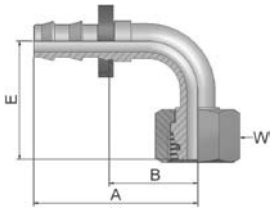



Part Number XXXXX-YY-ZZ 82	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm						
3C582-6-4C	6	1/4	-4	6,3	M12x1,5	6	42	23	29	14
3C582-8-4C	6	1/4	-4	6,3	M14x1,5	8	42	23	29	17
3C582-10-4C	6	1/4	-4	6,3	M16x1,5	10	43	23	31	19
3C582-10-6C	10	3/8	-6	9,5	M16x1,5	10	49	27	33	19
3C582-12-6C	10	3/8	-6	9,5	M18x1,5	12	49	27	34	22
3C582-15-8C	12	1/2	-8	12,7	M22x1,5	15	60	34	39	27
3C582-18-10C	16	5/8	-10	15,9	M26x1,5	18	74	37	43	32
3C582-22-12C	20	3/4	-12	19,1	M30x2	22	88	51	54	36

Information about standard products or non-standard products can be found in the current price list. Dimensions shown may be changed at any time without prior notice.

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

ISO 12151-2-SWE-L – DKOL 90°

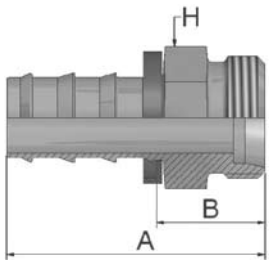



Part Number  82	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm						
3CF82-15-8C	12	1/2	-8	12,7	M22x1,5	15	58	32	41	27

Fittings with standard O-ring seals can be used for temperatures from -30 °C up to +105 °C.
Special O-rings are available on request.

DO – Male Metric 24° – Light Series – Rigid – Straight

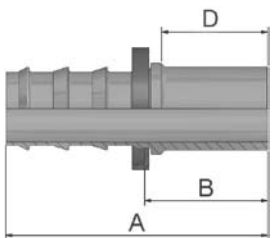
ISO 12151-2-S-L – CEL




Part Number  82	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	H mm
	DN	Inch	Size	mm					
3D082-10-6C	10	3/8	-6	9,5	M16x1,5	10	41	18	17
3D082-12-6C	10	3/8	-6	9,5	M18x1,5	12	41	18	19
3D082-15-8C	12	1/2	-8	12,7	M22x1,5	15	49	22	22

1D – Metric Standpipe – Light Series – Rigid – Straight

ISO 8434-1 – BEL



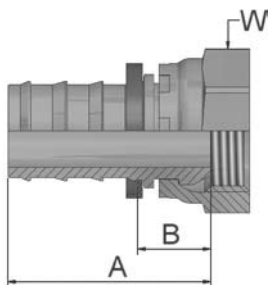
Part Number  82	Hose I.D.				Tube O.D. mm	A mm	B mm	D mm
	DN	Inch	Size	mm				
31D82-8-4C	6	1/4	-4	6,3	8	44	25	22
31D82-10-6C	10	3/8	-6	9,5	10	49	26	23
31D82-12-6C	10	3/8	-6	9,5	12	49	27	23
31D82-15-8C	12	1/2	-8	12,7	15	55	29	25
31D82-18-10C	16	5/8	-10	15,9	18	67	30	26

Attention: For assembly of EO-2-functional nut or nut and progressive ring use the EO-pre-assembly body.

Information about standard products or non-standard products can be found in the current price list.
Dimensions shown may be changed at any time without prior notice.

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

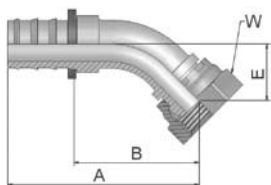
BS5200-A – DKR



XXXXX-YY-ZZ Part Number 82	Hose I.D.				Thread BSP	A mm	B mm	W mm
	DN	Inch	Size	mm				
39282-4-4C	6	1/4	-4	6,3	1/4x19	33	14	19
39282-6-6C	10	3/8	-6	9,5	3/8x19	40	17	22
39282-8-8C	12	1/2	-8	12,7	1/2x14	43	16	27
39282-12-10C	16	5/8	-10	15,9	3/4x14	55	18	32
39282-12-12C	20	3/4	-12	19,0	3/4x14	58	21	32

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

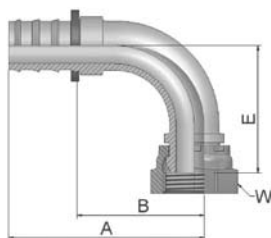
BS 5200-D – DKR 45°



XXXXX-YY-ZZ Part Number 82	Hose I.D.				Thread BSP	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm					
3B182-16-16-C	25	1	-16	25,4	1x11	106	68	31	41

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

BS 5200-B – DKR 90°

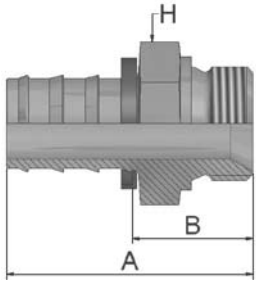


XXXXX-YY-ZZ Part Number 82	Hose I.D.				Thread BSP	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm					
3B282-4-4C	6	1/4	-4	6,3	1/4x19	42	23	29	17
3B282-6-6C	10	3/8	-6	9,5	3/8x19	49	27	33	19
3B282-12-12C	20	3/4	-12	19,1	3/4x14	88	51	53	32

Information about standard products or non-standard products can be found in the current price list.
Dimensions shown may be changed at any time without prior notice.

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

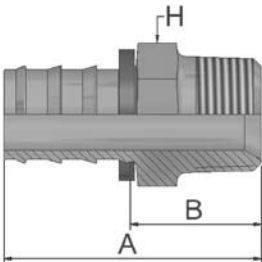
BS5200 – AGR



XXXXX-YY-ZZ Part Number 82	Hose I.D.				Thread BSP	A mm	B mm	H mm
	DN	Inch	Size	mm				
3D982-2-4C	6	1/4	-4	6,3	1/8x28	36	17	14
3D982-4-4C	6	1/4	-4	6,3	1/4x19	41	23	19
3D982-4-6C	10	3/8	-6	9,5	1/4x19	44	21	19
3D982-6-6C	10	3/8	-6	9,5	3/8x19	45	23	22
3D982-8-8C	12	1/2	-8	12,7	1/2x14	53	27	27
3D982-8-10C	16	5/8	-10	15,9	1/2x14	62	25	27
3D982-12-12C	20	3/4	-12	19,1	3/4x14	65	28	32

91 – Male BSP Taper Pipe – Rigid – Straight

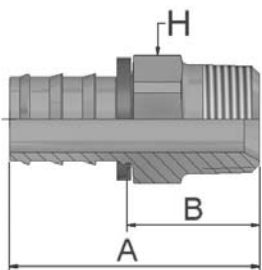
BS5200 – AGR-K



XXXXX-YY-ZZ Part Number 82	Hose I.D.				Thread BSP	A mm	B mm	H mm
	DN	Inch	Size	mm				
39182-4-4C	6	1/4	-4	6,3	1/4x19	40	21	14
39182-4-6C	10	3/8	-6	9,5	1/4x19	44	21	14
39182-6-6C	10	3/8	-6	9,5	3/8x19	45	22	19
39182-8-8C	12	1/2	-8	12,7	1/2x14	55	29	22

01 – Male NPTF Pipe – Rigid – Straight

SAE J476A – J516 – AGN

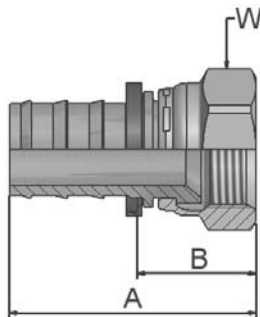


XXXXX-YY-ZZ Part Number 82	Hose I.D.				Thread NPTF	A mm	B mm	H mm/ Inch
	DN	Inch	Size	mm				
30182-4-4C	6	1/4	-4	6,3	1/4x18	40	21	9/16
30182-8-4C	6	1/4	-4	6,3	1/2x14	48	29	7/8
30182-4-6C	10	3/8	-6	9,5	1/4x18	45	22	9/16
30182-6-6C	10	3/8	-6	9,5	3/8x18	45	23	11/16
30182-8-8C	12	1/2	-8	12,7	1/2x14	55	29	7/8

Information about standard products or non-standard products can be found in the current price list. Dimensions shown may be changed at any time without prior notice.

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

ISO12151-5-SWS – DKJ

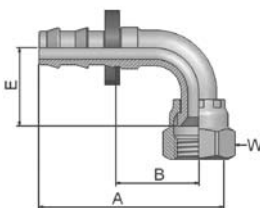


XXXXX-YY-ZZ Part Number 82	Hose I.D.				Thread UNF	A mm	B mm	W mm/ Inch
	DN	Inch	Size	mm				
30682-4-4C-SM	6	1/4	-4	6,3	7/16x20	39	19	9/16
36882-5-4C-SM	6	1/4	-4	6,3	1/2x20	40	21	17
30682-6-6C-SM	10	3/8	-6	9,5	9/16x18	45	22	19
36882-8-6C-SM	10	3/8	-6	9,5	3/4x16	48	25	22
30682-8-8C-SM	12	1/2	-8	12,7	3/4x16	51	25	7/8
36882-10-10C-SM	16	5/8	-10	15,9	7/8x14	65	28	27
30682-12-12C-SM	20	3/4	-12	19,1	1-1/16x12	67	30	32
30682-16-16C-SM	25	1	-16	25,4	1-5/16x12	70	33	41

SM: Metric Hexagon

39/3W – Female JIC 37° / SAE 45° – Dual Flare – Swivel Female 90° Elbow

ISO 12151-5-SWES – DKJ 90°

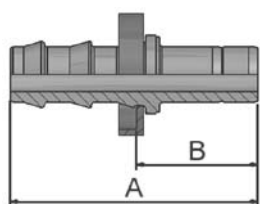


XXXXX-YY-ZZ Part Number 82	Hose I.D.				Thread UNF	A mm	B mm	E mm	W mm/ Inch
	DN	Inch	Size	mm					
33W82-4-4C-SM	6	1/4	-4	6,3	7/16x20	39	20	21	17
33982-6-6C-SM	10	3/8	-6	9,5	9/16x18	47	25	23	19

SM: Metric Hexagon

YW – Male Standpipe – Rigid – Straight – A-Lok

Metric Size Tube O.D. with Vee Notch



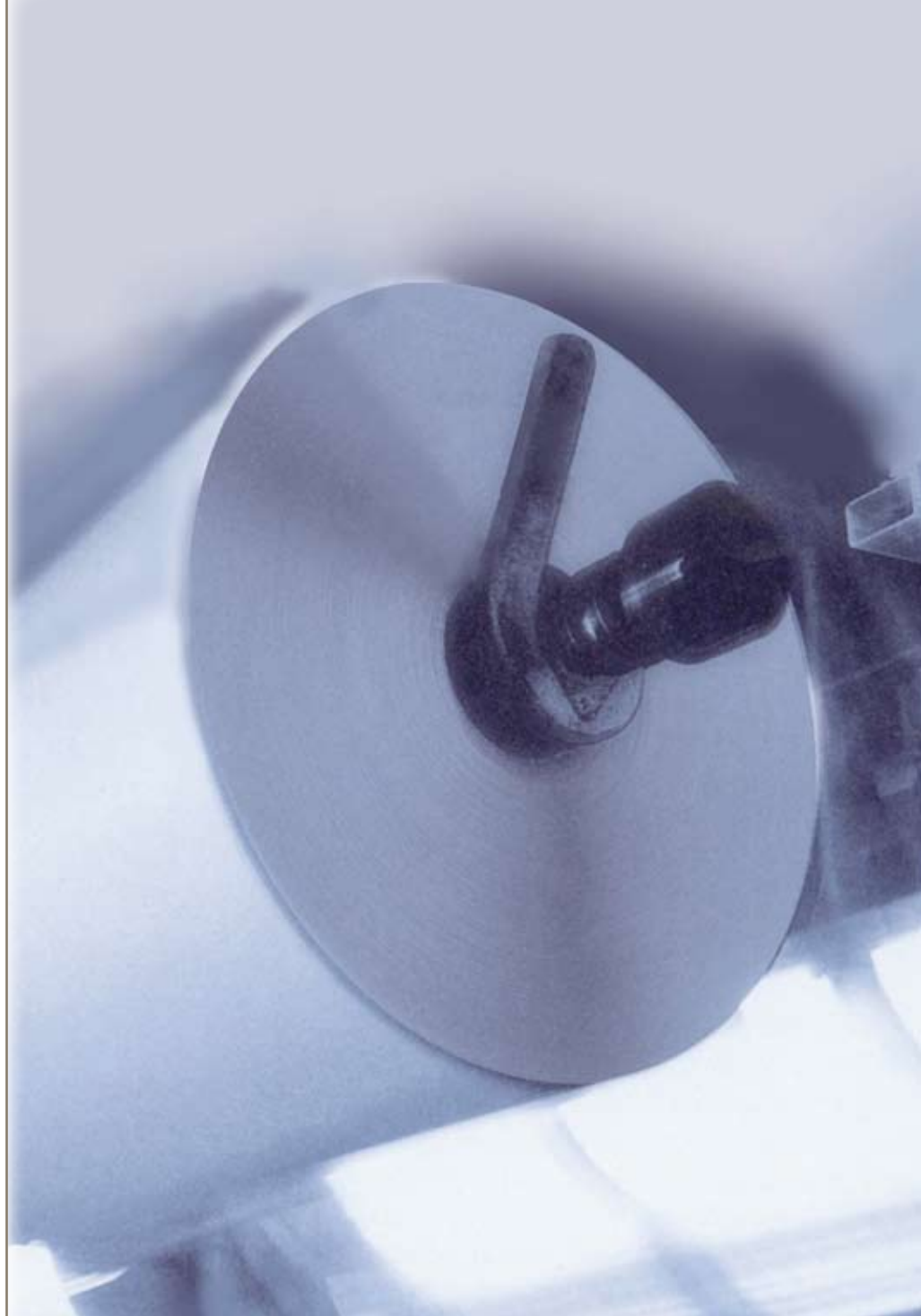
XXXXX-YY-ZZ Part Number 82	Hose I.D.				A mm	B mm
	DN	Inch	Size	mm		
3YW82-6-4C-ROUND	6	1/4	-4	6,3	39	20
3YW82-8-4C-ROUND	6	1/4	-4	6,3	40	21
3YW82-10-6C-ROUND	10	3/8	-6	9,5	44	22
3YW82-12-8C-ROUND	12	1/2	-8	12,7	54	27
3YW82-18-10C-ROUND	16	5/8	-10	15,9	65	29

ROUND: Made from round bar stock material.

Information about standard products or non-standard products can be found in the current price list. Dimensions shown may be changed at any time without prior notice.



aerospace
climate control
electromechanical
filtration
fluid & gas handling
hydraulics
pneumatics
process control
sealing & shielding



Hydraulic Hose Fittings in Stainless Steel

Medium-Pressure



ENGINEERING YOUR SUCCESS.

Medium-Pressure Hose and Fittings

– the perfect range for the more demanding market requirements

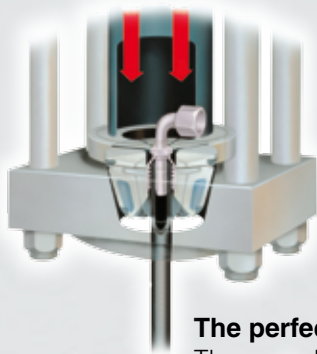
The medium pressure hose range contains classical *No-Skive* hydraulic hoses conforming to ISO, EN and SAE specifications, the *Elite No-Skive* compact hydraulic hoses exceeding ISO and EN specifications and a wide range of special hoses featuring outstanding technical characteristics for the most demanding applications. This hose range is complemented by a full selection of ParKrimp *No-Skive* fittings.

- Special types with working temperatures, down to -50 °C and up to +150 °C
- Selected hoses feature nitrile inner tubes suitable for mineral and bio-degradable oils
- Full range of fluid compatibility: oil, water, phosphate ester etc.
- Using high quality compounds allows thin covers, lower weight and long service life
- High flexibility for easier installation and increased service life
- Small bend radii and light weight for applications where space and weight are determining factors
- High abrasion resistant hose covers superior to ISO 6945 requirements, extending service life
- High ozone-resistant cover compounds increasing weathering / aging resistance
- Parkrimp machines, portable or bench-mounted for easy assembly operation
– hose assemblies meet CE directives

Parkrimp® *No-Skive*

The system for fast and leak-free assemblies

- For crimping Parkrimp *No-Skive* fittings only
- No skiving tool needed
- No need to remove the cover
- Parkalign positions the fittings in the die perfectly every time
- Quick and easy: no gauges to set on the machine
- Portable machines for field repair
- Meets EN safety regulations



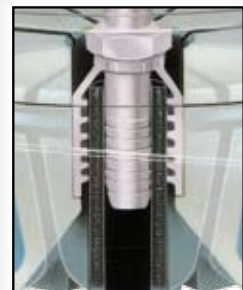
The perfect match

The complete system from one source. Parkrimp *No-Skive* hose + fittings + crimping machines with world-wide guarantee and availability.



Parker's colour-coded die sets

No loose parts to mismatch or misplace – die set segments linked together. Die sets provide 360° evenly applied crimping forces for an ideal crimp result.



Parkalign®

Parker's exclusive Parkalign® positions the fitting in the dies perfectly every time.

Medium-Pressure Hoses

1 and 2 SN hoses

301SN – *No-Skive*; EN 853 2SN – ISO 1436 Type 2

302 – **WORLDWIDE** *No-Skive*; EN 853 2SN – ISO S 1436

421SN – *No-Skive*; EN 853 1SN – ISO 1436 Type 1

422 – **WORLDWIDE** *No-Skive*; ISO 1436 1SN

1 and 2 wire braided Compact hoses

426 – *No-Skive*; SAE 100 R1AT high temperature

436 – *No-Skive* Compact; SAE 100R16 high temperature

441 – *No-Skive*; ISO 11237 Type R16 – SAE 100 R16

451TC – *No-Skive* **TOUGH COVER**; ISO 11237 Type R17 – SAE 100 R17

461LT – *Elite* Compact; EN 857 2SC low temperature

462 – *Elite* Compact; EN 857 2SC / ISO11237 Type 2SC

462ST – *Elite* **SUPER TOUGH** Compact; EN 857 2SC / ISO11237 Type 2SC

471TC – *No-Skive* **TOUGH COVER** Compact; EN 857 2SC / ISO11237 Type 2SC

472TC – *No-Skive* **TOUGH COVER** Compact; EN 857 2SC / ISO11237 Type 2SC

492 – *Elite* Compact; EN 857 1SC / ISO11237 Type 1SC

492ST – *Elite* **SUPER TOUGH** Compact; EN 857 1SC / ISO11237 Type 1SC

692 – *Elite* Compact; Constant pressure hose with tight bending radius

692Twin – *Elite* Compact; Twin constant pressure hose with tight bending radius

The range for special applications

304 – *No-Skive*; Phosphate ester resistant hose

421RH – *No-Skive*; with fire-retardant cover

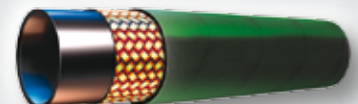
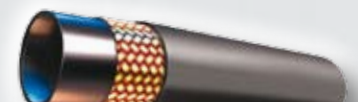
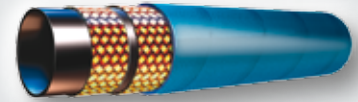
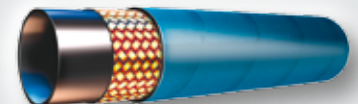
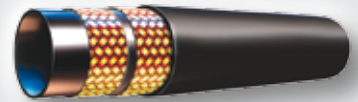
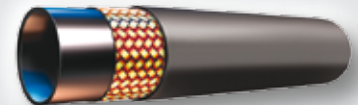
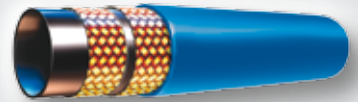
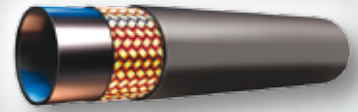
421WC – *No-Skive*; Galvanised steel wire cover

424 – *No-Skive*; Phosphate ester resistant hose

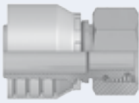

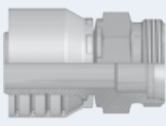
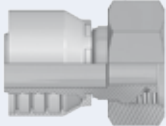

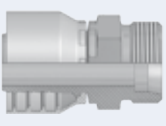
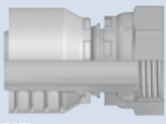

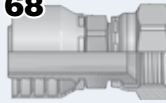

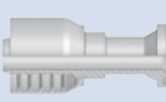

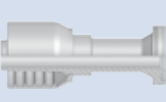

441RH – *No-Skive* Compact; with fire-retardant cover

811 – *No-Skive* Suction and Return; Line SAE 100 R4

881 – *No-Skive* Suction and Return; Line SAE 100 R4



No-Skive Fittings Overview 43 Series

DIN	CA  DKOL	CF  DKOL 90°	D0  DKM or DKLL	C9  DKOS	1C  DKOS 90	D2  CES
BSP	92  DKR	B2  DKR 90				
SAE	06 68  DKJ	39 3W  DKJ 90°				
Flange	15  SFL	19  SFL 90	6A  SFS	6N  SFS 90°		

Further end-configurations available on request.

No-Skive Hose and Fittings Pressure Ratings

Fitting end connection	Description	Metric tube size in mm									
		Maximum working pressure (MPa) – safety factor 4:1									
		4	5	6	8	10	12	16	20	24	32
92, B2,	BSP swivel female	63.0		55.0	43.0	37.5	35.0	28.0	25.0	21.0	21.0
06/68,39/3W	SAE (JIC) 37° swivel female	41.0	41.0	34.5	34.5	34.5	34.5	27.5	20.0	17.0	17.0
15, 19	SAE flange Code 61				34.5	34.5	34.5	34.5	27.5	21.0	21.0
6A, 6N	SAE flange Code 62 6000 psi				41.0		41.0	41.0	41.0	41.0	41.0

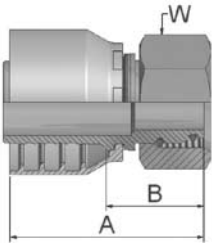
Fitting end connection	Description	Metric tube size in mm • Light series – L									
		Maximum working pressure (MPa) – safety factor 4:1									
		6	8	10	12	15	18	22	28	35	42
CA, CF	DIN 20066:2002-10 swivel female with O-ring, Form N	31.5	42.5	40.0	35.0	31.5	31.5	28.0	21.0	16.0	16.0
DO	DIN 20066:2002-10 male stud, Form D	25.0	42.5	40.0	35.0	31.0	28.0	28.0	21.0	16.0	16.0

Fitting end connection	Description	Metric tube size in mm • Heavy series – S									
		Maximum working pressure (MPa) – safety factor 4:1									
		6	8	10	12	14	16	20	25	30	38
C9, 0C, 1C	Swivel female DIN 20066:2002-10 with O-ring, Form P	63.0	63.0	63.0	63.0	63.0	42.0	42.0	42.0	42.0	42.0
D2	Male stud	63.0	63.0	63.0	63.0	63.0	42.0	42.0	42.0	42.0	42.0

Hose size DN	Working Pressure MPa (safety factor 4:1)											Temperature Range °C	Reinforcement	EN	ISO	SAE
	-4 06	-5 08	-6 10	-8 12	-10 16	-12 20	-16 25	-20 32	-24 40	-32 50	-32 46					
301SN	40.0	35.0	33.0	27.5	25.0	21.5	16.5	12.5	9.0	8.0	-40/+100	2 braids. wire	EN 853-2SN		SAE 100 R2 AT	
302	40.0	35.0	33.0	27.5	25.0	21.5	16.5	12.5	9.0	8.0	-40/+100	2 braids. wire	EN 853-2SN	ISO S 1436	SAE 100 R2 AT	
304	34.5		27.5	24.0		15.5	13.8	11.2	8.6	7.8	-40/ +80	2 braids. wire			SAE 100 R2 AT	
421SN	22.5	21.5	18.0	16.0	13.0	10.5	8.8	6.3	5.0	4.0	-40/+100	1 braid. wire	EN 853-1SN	ISO S 1436-1	SAE 100 R1 AT	
421WC	19.0		15.5	13.8		8.6	6.9				-40/+121	1 braid. wire		ISO S 1436-1	SAE 100 R1 AT	
422	22.5	21.5	18.0	16.0	13.0	10.5	8.8	6.3	5.0	4.0	-40/+100	1 braid. wire	EN 853-1SN	ISO S 1436-1	SAE 100 R1 AT	
424							6.9	4.3	3.5	2.4	-40/ +85	1 braid. wire			SAE 100 R1 AT	
426	19.2		15.7	14.0	10.5	8.7	7.0				-48/+150	1 braid. wire			SAE 100 R1 AT	
436			27.5	24.0	19.0	15.5	13.8				-50/+150	2 braids. wire			SAE 100 R16	
441	34.5	29.3	27.5	24.0	19.0	15.5	13.8				-40/+125	1 braid. wire		ISO 11237-1-R16	SAE 100 R16	
451TC	21.0		21.0	21.0	21.0	21.0	21.0				-40/+100	1 braid. wire		ISO 11237-1-R17	SAE 100 R17	
811						2.1	1.7	1.4	1.0	0.7	-40/+100	1 braid. 1 steel spiral			SAE 100 R4	
881						2.1	1.7	1.4	1.0	0.7	-40/+121	1 braid. 1 steel spiral			SAE 100 R4	

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

ISO 12151-2-SWS-L – DKOL

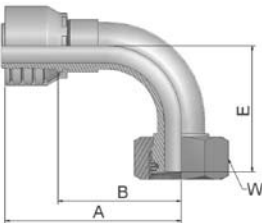


XXXXX-XX-XX Part Number 43	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	W mm
	DN	Inch	Size	mm					
1CA43-6-4C	6	1/4	-4	6,3	M12x1,5	6	45	22	14
1CA43-8-4C	6	1/4	-4	6,3	M14x1,5	8	46	22	17
1CA43-10-5C	8	5/16	-5	7,9	M16x1,5	10	47	22	19
1CA43-12-5C	8	5/16	-5	7,9	M18x1,5	10	48	21	19
1CA43-10-6C	10	3/8	-6	9,5	M16x1,5	12	46	22	22
1CA43-12-6C	10	3/8	-6	9,5	M18x1,5	12	49	19	22
1CA43-15-8C	12	1/2	-8	12,7	M22x1,5	15	56	21	27
1CA43-18-10C	16	5/8	-10	15,9	M26x1,5	18	61	22	32
1CA43-22-10C	16	5/8	-10	15,9	M30x2	22	63	24	36
1CA43-22-12C	20	3/4	-12	19,1	M30x2	22	63	24	36
1CA43-28-16C	25	1	-16	25,4	M36x2	28	78	33	41
1CA43-35-20C	32	1-1/4	-20	31,8	M45x2	35	82	35	50
1CA43-42-24C	40	1-1/2	-24	38,1	M52x2	42	83	39	60

Hose fittings are delivered with ozone-resistant Nitrile (NBR) O-ring as a standard version. Working temperature from -30 °C up to +105 °C. Hose fittings with special O-rings (Viton or EPDM) available on request. For O-ring dimensions and part numbers see Catalogue C4400/UK..

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

ISO 12151-2-SW – DKOL 90°



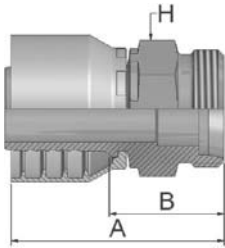
XXXXX-XX-XX Part Number 43	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm						
1CF43-8-4C	6	1/4	-4	6,3	M14x1,5	8	51	27	29	17
1CF43-10-5C	8	5/16	-5	7,9	M16x1,5	10	61	37	29	19
1CF43-10-6C	10	3/8	-6	9,5	M16x1,5	10	65	37	35	19
1CF43-12-6C	10	3/8	-6	9,5	M18x1,5	12	64	35	36	22
1CF43-15-8C	12	1/2	-8	12,7	M22x1,5	15	72	37	43	27
1CF43-18-10C	16	5/8	-10	15,9	M26x1,5	18	81	41	45	32
1CF43-22-12C	20	3/4	-12	19,1	M30x2	22	89	50	55	36
1CF43-28-16C	25	1	-16	25,4	M36x2	28	114	69	73	41
1CF43-35-20C	32	1-1/4	-20	31,8	M45x2	35	130	83	79	50
1CF43-42-24C	40	1-1/2	-24	38,1	M52x2	42	138	101	101	60

Standard hose fittings are delivered with ozone-resistant Nitrile O-ring. For O-ring dimensions and part numbers see Catalogue C4400/UK.

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

D0 – Male Metric 24° – Light Series – Rigid – Straight

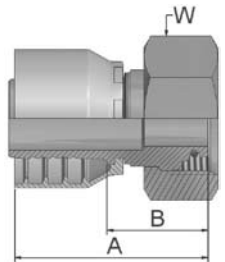
ISO 12151-2-S-L – CEL



XXXXX-XX-XX Part Number 43	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	H mm
	DN	Inch	Size	mm					
1D043-8-4C	6	1/4	-4	6,3	M14x1,5	8	45	22	14
1D043-10-5C	8	5/16	-5	7,9	M16x1,5	10	48	24	17
1D043-10-6C	10	3/8	-6	9,5	M16x1,5	10	52	23	19
1D043-12-6C	10	3/8	-6	9,5	M18x1,5	12	52	23	19
1D043-15-8C	12	1/2	-8	12,7	M22x1,5	15	61	26	22
1D043-18-10C	16	5/8	-10	15,9	M26x1,5	18	68	28	27
1D043-22-12C	20	3/4	-12	19,1	M30x2	22	70	31	30
1D043-28-16C	25	1	-16	25,4	M36x2	28	78	33	36
1D043-35-20C	32	1-1/4	-20	31,8	M45x2	35	85	38	46
1D043-42-24C	40	1-1/2	-24	38,1	M52x2	42	77	39	55

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

ISO 12151-2-SWS-S – DKOS



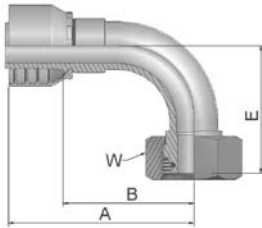
XXXXX-XX-XX Part Number 43	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	W mm
	DN	Inch	Size	mm					
1C943-8-4C	6	1/4	-4	6,3	M16x1,5	8	45	23	19
1C943-10-4C	6	1/4	-4	6,3	M18x1,5	10	45	23	22
1C943-10-5C	8	5/16	-5	7,9	M18x1,5	10	48	23	22
1C943-12-5C	8	5/16	-5	7,9	M20x1,5	10	50	21	22
1C943-10-6C	10	3/8	-6	9,5	M18x1,5	12	49	24	24
1C943-12-6C	10	3/8	-6	9,5	M20x1,5	12	52	22	24
1C943-14-6C	10	3/8	-6	9,5	M22x1,5	14	50	21	27
1C943-16-8C	12	1/2	-8	12,7	M24x1,5	16	59	24	30
1C943-20-10C	16	5/8	-10	15,9	M30x2	20	64	25	36
1C943-20-12C	20	3/4	-12	19,1	M30x2	20	66	27	36
1C943-25-12C	20	3/4	-12	19,1	M36x2	25	68	29	46
1C943-25-16C	25	1	-16	25,4	M36x2	25	78	33	46
1C943-30-16C	25	1	-16	25,4	M42x2	30	77	32	50
1C943-38-20C*	32	1-1/4	-20	31,8	M52x2	38	80	33	60


Hose fittings are delivered with ozone-resistant Nitrile (NBR) O-ring as a standard version.
Working temperature from -30 °C up to +105 °C. Hose fittings with special O-rings (Viton or EPDM) available on request. For O-ring dimensions and part numbers see Catalogue C4400/UK.
*Assembly only with Parkrimp 2 machine

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°

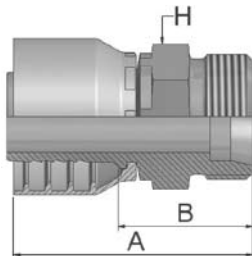



XXXXX-XX-XX Part Number 	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm						
11C43-8-4C	6	1/4	-4	6,3	M16x1,5	8	52	29	30	19
11C43-10-4C	6	1/4	-4	6,3	M18x1,5	10	55	33	30	22
11C43-12-5C	8	5/16	-5	7,9	M20x1,5	12	61	37	33	24
11C43-12-6C	10	3/8	-6	9,5	M20x1,5	12	59	29	39	24
11C43-14-6C	10	3/8	-6	9,5	M22x1,5	14	67	38	37	27
11C43-16-8C	12	1/2	-8	12,7	M24x1,5	16	72	37	45	30
11C43-20-10C	16	5/8	-10	15,9	M30x2	20	77	40	50	36
11C43-20-12C	20	3/4	-12	19,1	M30x2	20	89	50	58	36
11C43-25-12C	20	3/4	-12	19,1	M36x2	25	89	49	59	46
11C43-30-16C	25	1	-16	25,4	M42x2	30	120	68	75	50

Hose fittings are delivered with ozone-resistant Nitrile (NBR) O-ring as a standard version.
Working temperature from -30 °C up to +105 °C. Hose fittings with special O-rings (Viton or EPDM) available on request. For O-ring dimensions and part numbers see Catalogue C4400/UK.

D2 – Male Metric 24° – Heavy Series – Rigid – Straight

ISO 12151-2-S-S – CES

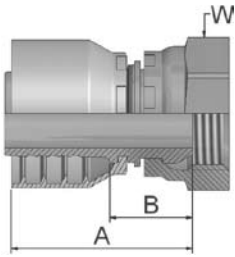


XXXXX-XX-XX Part Number 	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	H mm
	DN	Inch	Size	mm					
1D243-10-4C	6	1/4	-4	6,3	M18x1,5	10	50	26	19
1D243-12-5C	8	5/16	-5	7,9	M20x1,5	12	50	26	22
1D243-14-6C	10	3/8	-6	9,5	M22x1,5	14	57	28	22
1D243-16-8C	12	1/2	-8	12,7	M24x1,5	16	60	26	24
1D243-20-10C	16	5/8	-10	15,9	M30x2	20	72	33	30
1D243-25-12C	20	3/4	-12	19,1	M36x2	25	74	35	36
1D243-25-16C	25	1	-16	25,4	M36x2	25	82	37	36

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

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

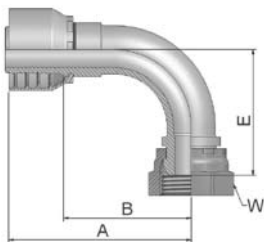
BS5200-A – DKR



XXXXX-YY-YY Part Number 43	Hose I.D.				Thread BSP	A mm	B mm	W mm
	DN	Inch	Size	mm				
19243-4-4C	6	1/4	-4	6,3	1/4x19	43	19	19
19243-6-6C	10	3/8	-6	9,5	3/8x19	49	20	22
19243-8-8C	12	1/2	-8	12,7	1/2x14	57	22	27
19243-10-10C	16	5/8	-10	15,9	5/8x14	57	21	30
19243-12-12C	20	3/4	-12	19,1	3/4x14	61	22	32
19243-16-16C	25	1	-16	25,4	1x11	71	26	41

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

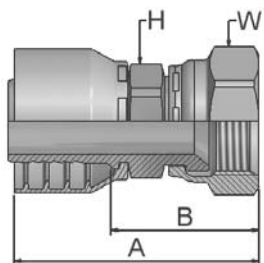
BS 5200-B – DKR 90



XXXXX-YY-YY Part Number 43	Hose I.D.				Thread BSP	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm					
1B243-4-4C	6	1/4	-4	6,3	1/4x19	50	26	29	19
1B243-6-6C	10	3/8	-6	9,5	3/8x19	67	37	33	22
1B243-8-8C	12	1/2	-8	12,7	1/2x14	74	39	40	27
1B243-12-12C	20	3/4	-12	19,1	3/4x14	89	50	53	32
1B243-16-16C	25	1	-16	25,4	1x11	114	69	69	41

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

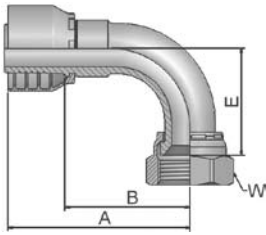
ISO12151-5-SWS – DKJ



XXXXX-YY-YY Part Number 43	Hose I.D.				Thread UNF	A mm	B mm	H mm/ inch	W mm/ inch
	DN	Inch	Size	mm					
10643-4-4C	6	1/4	-4	6,3	7/16x20	49	30	9/16	9/16
10643-6-4C	6	1/4	-4	6,3	9/16x18	53	31	14	19
10643-6-6C	10	3/8	-6	9,5	9/16x18	58	29	17	19
10643-8-6C	10	3/8	-6	9,5	3/4x16	62	37	11/16	7/8
10643-8-8C	12	1/2	-8	12,7	3/4x16	66	34	13/16	7/8
10643-10-8C	12	1/2	-8	12,7	7/8x14	70	35	22	27
10643-12-8C	12	1/2	-8	12,7	1-1/16x12	71	36	27	32
10643-10-10C	16	5/8	-10	15,9	7/8x14	75	35	24	27
10643-12-12C	20	3/4	-12	19,1	1-1/16x12	80	41	27	32
10643-16-16C	25	1	-16	25,4	1-5/16x12	92	47	36	41

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

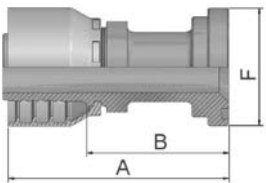
39 – Female JIC 37° / SAE 45° – Dual Flare – Swivel Female 90° Elbow
ISO 12151-5-SWES – DKJ 90°



XXXXX-YY-ZZ Part Number 43	Hose I.D.				Thread UNF	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm					
13943-4-4C	6	1/4	-4	6,3	7/16x20	46	28	17	9/16
13943-6-6C	10	3/8	-6	9,5	9/16x18	58	33	22	11/16
13943-8-6C	10	3/8	-6	9,5	3/4x16	64	35	28	22
13943-8-8C	12	1/2	-8	12,7	3/4x16	67	32	29	22
13943-10-8C	12	1/2	-8	12,7	7/8x14	71	39	32	1
13943-10-10C	16	5/8	-10	15,9	7/8x14	80	40	33	27
13943-12-12C	20	3/4	-12	19,1	1-1/16x12	89	50	48	32
13943-16-16C	25	1	-16	25,4	1-5/16x12	109	64	55	41

15 – SAE Code 61 – Flange Head – Straight

ISO 12151-3-S-L – SFL – 3000 psi

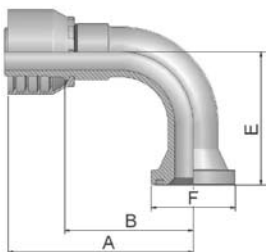


XXXXX-YY-ZZ Part Number 43	Hose I.D.				End Connection	A mm	B mm	F mm
	DN	Inch	Size	mm				
11543-8-8C	12	1/2	-8	12,7	1/2	89	54	30
11543-12-8C	12	1/2	-8	12,7	3/4	87	55	38
11543-12-12C	20	3/4	-12	19,1	3/4	98	59	38
11543-16-12C	20	3/4	-12	19,1	1	70	31	45
11543-16-16C	25	1	-16	25,4	1	108	63	45
11543-20-16C	25	1	-16	25,4	1-1/4	82	36	51

To select corresponding half-flange and O-ring see Catalogue C4400/UK.

19 – SAE Code 61 – Flange Head – 90° Elbow

ISO 12151-3-E-L – SFL 90° – 3000 psi



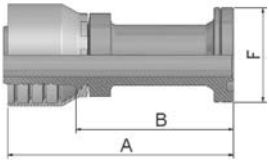
XXXXX-YY-ZZ Part Number 43	Hose I.D.				End Connection	A mm	B mm	E mm	F mm
	DN	Inch	Size	mm					
11943-8-8C	12	1/2	-8	12,7	1/2	75	40	41	30
11943-12-8C	12	1/2	-8	12,7	3/4	77	42	42	38
11943-12-12C	20	3/4	-12	19,1	3/4	89	50	58	38
11943-16-12C	20	3/4	-12	19,1	1	90	50	58	45
11943-16-16C	25	1	-16	25,4	1	99	59	60	45
11943-20-16C	25	1	-16	25,4	1-1/4	113	68	70	51


To select corresponding half-flange and O-ring see Catalogue C4400/UK.

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

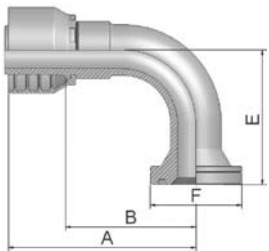



XXXXX-XX-XX Part Number 	Hose I.D.				End Connection	A mm	B mm	F mm
	DN	Inch	Size	mm				
16A43-8-8C	12	1/2	-8	12,7	1/2	103	68	32
16A43-12-8C	12	1/2	-8	12,7	3/4	105	70	41
16A43-12-12C	20	3/4	-12	19,1	3/4	105	66	41
16A43-16-12C	20	3/4	-12	19,1	1	110	70	48
16A43-16-16C	25	1	-16	25,4	1	127	82	48
16A43-20-16C	25	1	-16	25,4	1-1/4	127	82	54

To select corresponding half-flange and O-ring see Catalogue C4400/UK.

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

ISO 12151-3 -E-S – SFS 90° – 6000 psi

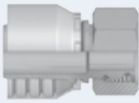

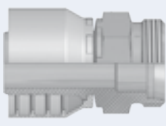
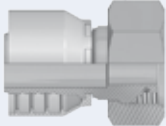

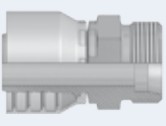
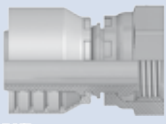

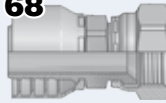

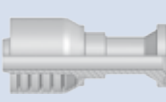

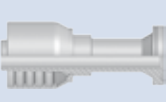



XXXXX-XX-XX Part Number 	Hose I.D.				End Connection	A mm	B mm	E mm	F mm
	DN	Inch	Size	mm					
16N43-8-8C	12	1/2	-8	12,7	1/2	74	39	41	32
16N43-12-8C	12	1/2	-8	12,7	1/2	79	44	45	41
16N43-12-12C	20	3/4	-12	19,1	3/4	98	58	54	41
16N43-16-12C	20	3/4	-12	19,1	1	93	53	53	48
16N43-16-16C	25	1	-16	25,4	1	111	64	70	48
16N43-20-16C	25	1	-16	25,4	1-1/4	114	68	70	54

To select corresponding half-flange and O-ring see Catalogue C4400/UK.

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

No-Skive Fittings Overview 48 Series

DIN	CA  DKOL	CF  DKOL 90°	D0  DKM or DKLL	C9  DKOS	1C  DKOS 90	D2  CES
BSP	92  DKR	B2  DKR 90				
SAE	06 68  DKJ	39 3W  DKJ 90°				
Flange	15  SFL	19  SFL 90	6A  SFS	6N  SFS 90°		

Further end-configurations available on request.

No-Skive Hose and Fittings Pressure Ratings

Fitting end connection	Description	Metric tube size in mm									
		Maximum working pressure (MPa) – safety factor 4:1									
		4	5	6	8	10	12	16	20	24	32
92, B2,	BSP swivel female	63.0		55.0	43.0	37.5	35.0	28.0	25.0	21.0	21.0
06/68,39/3W	SAE (JIC) 37° swivel female	41.0	41.0	34.5	34.5	34.5	34.5	27.5	20.0	17.0	17.0
15, 19	SAE flange Code 61				34.5	34.5	34.5	34.5	27.5	21.0	21.0
6A, 6N	SAE flange Code 62 6000 psi				41.0		41.0	41.0	41.0	41.0	41.0

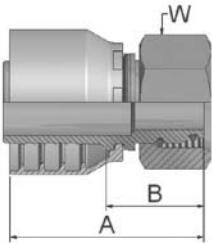
Fitting end connection	Description	Metric tube size in mm • Light series – L									
		Maximum working pressure (MPa) – safety factor 4:1									
		6	8	10	12	15	18	22	28	35	42
CA, CF	DIN 20066:2002-10 swivel female with O-ring, Form N	31.5	42.5	40.0	35.0	31.5	31.5	28.0	21.0	16.0	16.0
DO	DIN 20066:2002-10 male stud, Form D	25.0	42.5	40.0	35.0	31.0	28.0	28.0	21.0	16.0	16.0

Fitting end connection	Description	Metric tube size in mm • Heavy series – S									
		Maximum working pressure (MPa) – safety factor 4:1									
		6	8	10	12	14	16	20	25	30	38
C9, 0C, 1C	Swivel female DIN 20066:2002-10 with O-ring, Form P	63.0	63.0	63.0	63.0	63.0	42.0	42.0	42.0	42.0	42.0
D2	Male stud	63.0	63.0	63.0	63.0	63.0	42.0	42.0	42.0	42.0	42.0

Hose size DN	Working Pressure MPa (safety factor 4:1)											Temperature Range °C	Reinforcement	EN	ISO	SAE		
	-4	-5	-6	-8	-10	-12	-16	-20	-24	-32	-40						-50	
DN	06	08	10	12	16	20	25	32	40	50	63	80	100	125	160	200	250	315
301SN	40.0	35.0	33.0	27.5	25.0	21.5	16.5	12.5	9.0	8.0	-40/+100	2 braids. wire	EN 853-2SN		SAE 100 R2 AT			
302	40.0	35.0	33.0	27.5	25.0	21.5	16.5	12.5	9.0	8.0	-40/+100	2 braids. wire	EN 853-2SN	ISO S 1436	SAE 100 R2 AT			
421RH								6.3	5.0	4.0	-40/+100	1 braid. wire	EN 853-1SN	ISO S 1436-1	SAE 100 R1 AT			
421SN			18.0		13.0	10.5	8.8	6.3	5.0	4.0	-40/+100	1 braid. wire	EN 853-1SN	ISO S 1436-1	SAE 100 R1 AT			
422			18.0		13.0	10.5	8.8	6.3	5.0	4.0	-40/+100	1 braid. wire	EN 853-1SN	ISO S 1436-1	SAE 100 R1 AT			
462	42.5		35.0			28.0					-40/+100	2 braids. wire	EN 857-2SC	ISO 11237-1-2SC				
472TC								15.7	12.5	9.0	-40/+100	1 braid. wire	EN 857-2SC	ISO 11237-1-2SC				
881								1.4	1.0	0.7	-40/+121	1 braid. 1 steel spiral			SAE 100 R4			

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

ISO 12151-2-SWS-L – DKOL

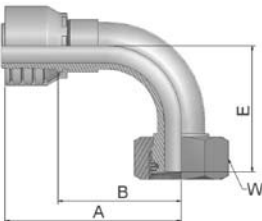


XXXXX-XX-XX Part Number 48	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	W mm
	DN	Inch	Size	mm					
1CA48-6-4C	6	1/4	-4	6,3	M12x1,5	6	46	22	14
1CA48-8-4C	6	1/4	-4	6,3	M14x1,5	8	46	22	17
1CA48-10-5C	8	5/16	-5	7,9	M16x1,5	10	46	22	19
1CA48-12-5C	8	5/16	-5	7,9	M18x1,5	12	46	23	22
1CA48-10-6C	10	3/8	-6	9,5	M16x1,5	10	46	23	19
1CA48-12-6C	10	3/8	-6	9,5	M18x1,5	12	46	23	22
1CA48-15-8C	12	1/2	-8	12,7	M22x1,5	15	50	26	27
1CA48-18-10C	16	5/8	-10	15,9	M26x1,5	18	51	26	32
1CA48-22-10C	16	5/8	-10	15,9	M30x2	22	55	30	36
1CA48-22-12C	20	3/4	-12	19,1	M30x2	22	56	30	36
1CA48-28-16C	25	1	-16	25,4	M36x2	28	63	33	41
1CA48-35-20C	32	1-1/4	-20	31,8	M45x2	35	82	35	50
1CA48-42-24C	40	1-1/2	-24	38,1	M52x2	42	77	39	60

Hose fittings are delivered with ozone-resistant Nitrile (NBR) O-ring as a standard version. Working temperature from -30 °C up to +105 °C. Hose fittings with special O-rings (Viton or EPDM) available on request. For O-ring dimensions and part numbers see Catalogue C4400/UK.

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

ISO 12151-2-SW – DKOL 90°



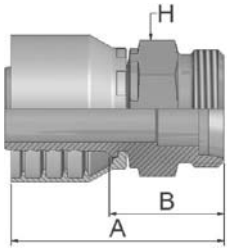
XXXXX-XX-XX Part Number 48	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm						
1CF48-8-4C	6	1/4	-4	6,3	M14x1,5	8	51	28	29	17
1CF48-10-5C	8	5/16	-5	7,9	M16x1,5	10	61	37	29	19
1CF48-10-6C	10	3/8	-6	9,5	M16x1,5	10	60	37	37	19
1CF48-12-6C	10	3/8	-6	9,5	M18x1,5	12	58	35	36	22
1CF48-15-8C	12	1/2	-8	12,7	M22x1,5	15	61	37	43	27
1CF48-18-10C	16	5/8	-10	15,9	M26x1,5	18	66	41	45	32
1CF48-22-12C	20	3/4	-12	19,1	M30x2	22	80	54	55	36
1CF48-28-16C	25	1	-16	25,4	M36x2	28	100	70	71	41
1CF48-35-20C	32	1-1/4	-20	31,8	M45x2	35	130	83	79	50
1CF48-42-24C	40	1-1/2	-24	38,1	M52x2	42	138	101	101	60


Standard hose fittings are delivered with ozone-resistant Nitrile O-ring. For O-ring dimensions and part numbers see Catalogue C4400/UK.

Information about standard products or non-standard products can be found in the current price list. Dimensions shown may be changed at any time without prior notice.

D0 – Male Metric 24° – Light Series – Rigid – Straight

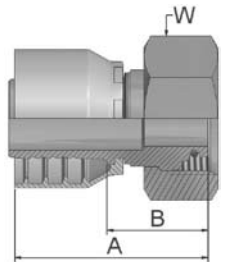
ISO 12151-2-S-L – CEL




XXXXX-XX-XX Part Number 	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	H mm
	DN	Inch	Size	mm					
1D048-8-4C	6	1/4	-4	6,3	M14x1,5	8	46	22	14
1D048-10-5C	8	5/16	-5	7,9	M16x1,5	10	48	24	17
1D048-10-6C	10	3/8	-6	9,5	M16x1,5	10	47	24	17
1D048-12-6C	10	3/8	-6	9,5	M18x1,5	12	47	24	19
1D048-15-8C	12	1/2	-8	12,7	M22x1,5	15	50	26	22
1D048-18-10C	16	5/8	-10	15,9	M26x1,5	18	55	30	27
1D048-22-12C	20	3/4	-12	19,1	M30x2	22	59	33	30
1D048-28-16C	25	1	-16	25,4	M36x2	28	65	35	36
1D048-35-20C	32	1-1/4	-20	31,8	M45x2	35	85	38	46
1D048-42-24C	40	1-1/2	-24	38,1	M52x2	42	77	39	55

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

ISO 12151-2-SWS-S – DKOS



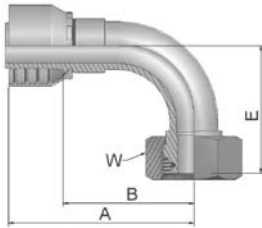
XXXXX-XX-XX Part Number 	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	W mm
	DN	Inch	Size	mm					
1C948-8-4C	6	1/4	-4	6,3	M16x1,5	8	47	23	19
1C948-10-4C	6	1/4	-4	6,3	M18x1,5	10	46	22	22
1C948-10-5C	8	5/16	-5	7,9	M18x1,5	10	46	22	22
1C948-12-5C	8	5/16	-5	7,9	M20x1,5	12	48	24	24
1C948-10-6C	10	3/8	-6	9,5	M18x1,5	10	45	23	22
1C948-12-6C	10	3/8	-6	9,5	M20x1,5	12	48	25	24
1C948-14-6C	10	3/8	-6	9,5	M22x1,5	14	47	24	27
1C948-16-8C	12	1/2	-8	12,7	M24x1,5	16	52	28	30
1C948-20-10C	16	5/8	-10	15,9	M30x2	20	53	28	36
1C948-20-12C	20	3/4	-12	19,1	M30x2	20	56	30	36
1C948-25-12C	20	3/4	-12	19,1	M36x2	25	61	35	46
1C948-25-16C	25	1	-16	25,4	M36x2	25	63	33	46
1C948-30-16C	25	1	-16	25,4	M42x2	30	67	38	50
1C948-38-20C*	32	1-1/4	-20	31,8	M52x2	38	80	33	60


Hose fittings are delivered with ozone-resistant Nitrile (NBR) O-ring as a standard version.
Working temperature from -30 °C up to +105 °C. Hose fittings with special O-rings (Viton or EPDM) available on request. For O-ring dimensions and part numbers see Catalogue C4400/UK.
*Assembly only with Parkrimp 2 machine

Information about standard products or non-standard products can be found in the current price list.
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°

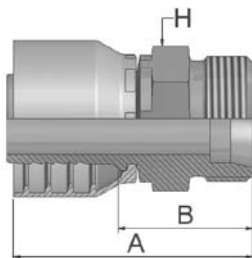



XXXXX-XX-XX Part Number 	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm						
11C48-8-4C	6	1/4	-4	6,3	M16x1,5	8	50	26	29	19
11C48-10-4C	6	1/4	-4	6,3	M18x1,5	10	50	26	29	22
11C48-12-5C	8	5/16	-5	7,9	M20x1,5	12	60	36	32	24
11C48-12-6C	10	3/8	-6	9,5	M20x1,5	12	58	35	37	24
11C48-14-6C	10	3/8	-6	9,5	M22x1,5	14	58	35	37	27
11C48-16-8C	12	1/2	-8	12,7	M24x1,5	16	61	37	45	30
11C48-20-10C	16	5/8	-10	15,9	M30x2	20	65	40	48	36
11C48-20-12C	20	3/4	-12	19,1	M30x2	20	80	54	58	36
11C48-25-12C	20	3/4	-12	19,1	M36x2	25	80	54	59	46
11C48-30-16C	25	1	-16	25,4	M42x2	30	105	75	75	50

Hose fittings are delivered with ozone-resistant Nitrile (NBR) O-ring as a standard version.
Working temperature from -30 °C up to +105 °C. Hose fittings with special O-rings (Viton or EPDM) available on request. For O-ring dimensions and part numbers see Catalogue C4400/UK.

D2 – Male Metric 24° – Heavy Series – Rigid – Straight

ISO 12151-2-S-S – CES

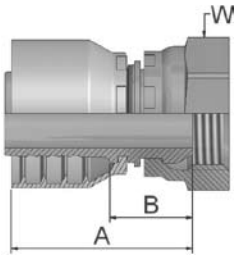


XXXXX-XX-XX Part Number 	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	H mm
	DN	Inch	Size	mm					
1D248-10-4C	6	1/4	-4	6,3	M18x1,5	10	50	26	19
1D248-12-5C	8	5/16	-5	7,9	M20x1,5	12	50	26	22
1D248-14-6C	10	3/8	-6	9,5	M22x1,5	14	51	28	22
1D248-16-8C	12	1/2	-8	12,7	M24x1,5	16	53	29	24
1D248-20-10C	16	5/8	-10	15,9	M30x2	20	58	32	30
1D248-25-12C	20	3/4	-12	19,1	M36x2	25	64	38	36
1D248-25-16C	25	1	-16	25,4	M36x2	25	69	39	36

Information about standard products or non-standard products can be found in the current price list.
Dimensions shown may be changed at any time without prior notice.

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

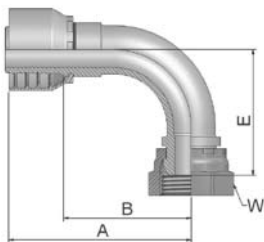
BS5200-A – DKR



XXXXX-XX-XX Part Number 48	Hose I.D.				Thread BSP	A mm	B mm	W mm
	DN	Inch	Size	mm				
19248-4-4C	6	1/4	-4	6,3	1/4x19	43	19	19
19248-6-6C	10	3/8	-6	9,5	3/8x19	43	20	22
19248-8-8C	12	1/2	-8	12,7	1/2x14	46	22	27
19248-10-10C	16	5/8	-10	15,9	5/8x14	46	20	30
19248-12-12C	20	3/4	-12	19,1	3/4x14	49	23	32
19248-16-16C	25	1	-16	25,4	1x11	55	25	41

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

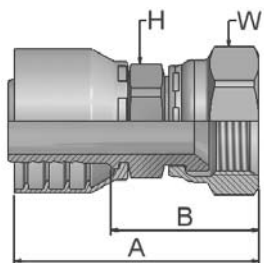
BS 5200-B – DKR 90



XXXXX-XX-XX Part Number 48	Hose I.D.				Thread BSP	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm					
1B248-4-4C	6	1/4	-4	6,3	1/4x19	50	26	29	19
1B248-6-6C	10	3/8	-6	9,5	3/8x19	61	38	33	22
1B248-8-8C	12	1/2	-8	12,7	1/2x14	63	40	41	27
1B248-12-12C	20	3/4	-12	19,1	3/4x14	80	54	53	32
1B248-16-16C	25	1	-16	25,4	1x11	105	75	69	41

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

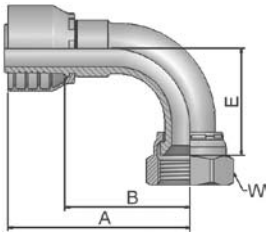
ISO12151-5-SWS – DKJ



XXXXX-XX-XX Part Number 48	Hose I.D.				Thread UNF	A mm	B mm	H mm	W mm
	DN	Inch	Size	mm					
10648-4-4C	6	1/4	-4	6,3	7/16x20	52	29	14	17
10648-6-4C	6	1/4	-4	6,3	9/16x18	55	31	14	19
10648-6-6C	10	3/8	-6	9,5	9/16x18	52	30	17	19
10648-8-6C	10	3/8	-6	9,5	3/4x16	56	33	17	22
10648-8-8C	12	1/2	-8	12,7	3/4x16	56	32	22	22
10648-10-8C	12	1/2	-8	12,7	7/8x14	62	38	22	27
10648-12-8C	12	1/2	-8	12,7	1-1/16x12	62	38	27	32
10648-10-10C	16	5/8	-10	15,9	7/8x14	60	35	22	27
10648-12-12C	20	3/4	-12	19,1	1-1/16x12	67	41	27	32
10648-16-16C	25	1	-16	25,4	1-5/16x12	76	46	32	41

Information about standard products or non-standard products can be found in the current price list. Dimensions shown may be changed at any time without prior notice.

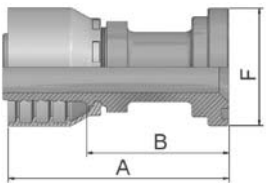
39 – Female JIC 37° / SAE 45° – Dual Flare – Swivel Female 90° Elbow
ISO 12151-5-SWES – DKJ 90°



XXXXX-YY-ZZ Part Number 48	Hose I.D.				Thread UNF	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm					
13948-4-4C	6	1/4	-4	6,3	7/16x20	48	24	21	17
13948-6-6C	10	3/8	-6	9,5	9/16x18	51	28	23	19
13948-8-6C	10	3/8	-6	9,5	3/4x16	59	36	29	22
13948-8-8C	12	1/2	-8	12,7	3/4x16	55	31	29	22
13948-10-8C	12	1/2	-8	12,7	7/8x14	63	39	32	27
13948-10-10C	16	5/8	-10	15,9	7/8x14	64	39	33	27
13948-12-12C	20	3/4	-12	19,1	1-1/16x12	80	54	48	32
13948-16-16C	25	1	-16	25,4	1-5/16x12	98	68	56	41

15 – SAE Code 61 – Flange Head – Straight

ISO 12151-3-S-L – SFL – 3000 psi

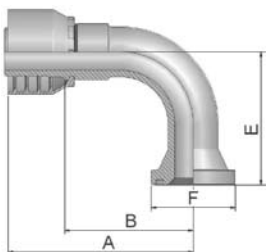


XXXXX-YY-ZZ Part Number 48	Hose I.D.				End Connection	A mm	B mm	F mm
	DN	Inch	Size	mm				
11548-8-8C	12	1/2	-8	12,7	1/2	74	51	30
11548-12-8C	12	1/2	-8	12,7	3/4	51	27	38
11548-12-12C	20	3/4	-12	19,1	3/4	82	56	38
11548-16-12C	20	3/4	-12	19,1	1	56	30	45
11548-16-16C	25	1	-16	25,4	1	84	54	45
11548-20-16C	25	1	-16	25,4	1-1/4	104	74	51

To select corresponding half-flange and O-ring see Catalogue C4400/UK.

19 – SAE Code 61 – Flange Head – 90° Elbow

ISO 12151-3-E-L – SFL 90° – 3000 psi



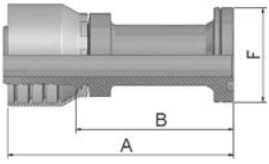
XXXXX-YY-ZZ Part Number 48	Hose I.D.				End Connection	A mm	B mm	E mm	F mm
	DN	Inch	Size	mm					
11948-8-8C	12	1/2	-8	12,7	1/2	64	40	41	30
11948-12-8C	12	1/2	-8	12,7	3/4	71	47	43	38
11948-12-12C	20	3/4	-12	19,1	3/4	80	54	58	38
11948-16-12C	20	3/4	-12	19,1	1	80	54	58	45
11948-16-16C	25	1	-16	25,4	1	98	68	70	45
11948-20-16C	25	1	-16	25,4	1-1/4	103	73	60	51


To select corresponding half-flange and O-ring see Catalogue C4400/UK.

Information about standard products or non-standard products can be found in the current price list. 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

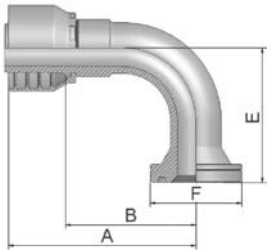



XXXXX-XX-XX Part Number 	Hose I.D.				End Connection	A mm	B mm	F mm
	DN	Inch	Size	mm				
16A48-8-8C	12	1/2	-8	12,7	1/2	75	51	32
16A48-12-12C	20	3/4	-12	19,1	3/4	96	70	41
16A48-16-12C	20	3/4	-12	19,1	1	66	39	48
16A48-16-16C	25	1	-16	25,4	1	111	82	48
16A48-20-16C	25	1	-16	25,4	1-1/4	77	47	54

To select corresponding half-flange and O-ring see Catalogue C4400/UK.

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

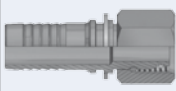


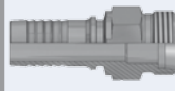

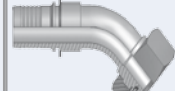

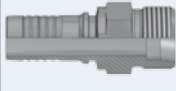
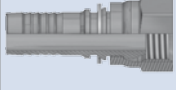


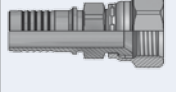

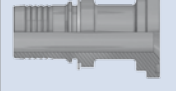

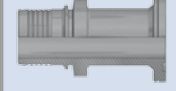

ISO 12151-3 -E-S – SFS 90° – 6000 psi



XXXXX-XX-XX Part Number 	Hose I.D.				End Connection	A mm	B mm	E mm	F mm
	DN	Inch	Size	mm					
16N48-8-8C	12	1/2	-8	12,7	1/2	68	44	41	32
16N48-12-8C	12	1/2	-8	12,7	3/4	72	49	45	41
16N48-12-12C	20	3/4	-12	19,1	3/4	80	54	54	41
16N48-16-12C	20	3/4	-12	19,1	1	80	54	53	48
16N48-16-16C	25	1	-16	25,4	1	98	68	70	48
16N48-20-16C	25	1	-16	25,4	1-1/4	102	72	70	54

To select corresponding half-flange and O-ring see Catalogue C4400/UK.

Overview *No-Skive* Nipples 47 Series

DIN	CA  DKOL	CE  DKOL 45°	CF  DKOL 90°	D0  CEL	C9  DKOS	OC  DKOS 45°	1C  DKOS 90°
	D2  CES						
BSP	92  DKR	B1  DKR 45°	B2  DKR 90°				
	06 68  DKJ	39 3W  DKJ 90°					
Flange	15  SFL	19  SFL 90°	6A  SFS	6N  SFS 90°			

Further end-configurations available on request.

Compatible with

No-Skive Crimp Shells and Hose Types:



421SN, 441, 441RH, 461LT, 462, 462ST, 463, 492, 492ST, 692, 692TWIN



301SN, 302, 421SN, 422, 462

No-Skive Hose and Fittings Pressure Ratings

Fitting end connection	Description	Metric tube size in mm									
		Maximum working pressure (MPa) – safety factor 4:1									
		4	5	6	8	10	12	16	20	24	32
92, B1, B2	BSP swivel female	63.0		55.0	43.0	37.5	35.0	28.0	25.0	21.0	21.0
06/68, 39/3W	SAE (JIC) 37° swivel female	41.0	41.0	34.5	34.5	34.5	34.5	27.5	20.0	17.0	17.0
15, 19	SAE flange Code 61				34.5	34.5	34.5	34.5	27.5	21.0	21.0
6A, 6N, XA,	SAE flange Code 62 6000 psi				41.0		41.0	41.0	41.0	41.0	41.0

Fitting end connection	Description	Metric tube size in mm • Light series – L									
		Maximum working pressure (MPa) – safety factor 4:1									
		6	8	10	12	15	18	22	28	35	42
CA, CE, CF	DIN 20066:2002-10 swivel female with O-ring, Form N	31.5	42.5	40.0	35.0	31.5	31.5	28.0	21.0	16.0	16.0
D0	DIN 20066:2002-10 male stud, Form D	25.0	42.5	40.0	35.0	31.0	28.0	28.0	21.0	16.0	16.0

Fitting end connection	Description	Metric tube size in mm • Heavy series – S									
		Maximum working pressure (MPa) – safety factor 4:1									
		6	8	10	12	14	16	20	25	30	38
C9, 0C, 1C	Swivel female DIN 20066:2002-10 with O-ring, Form P	63.0	63.0	63.0	63.0	63.0	42.0	42.0	42.0	42.0	42.0
D2	Male stud	63.0	63.0	63.0	63.0	63.0	42.0	42.0	42.0	42.0	42.0

Hose size DN	Working Pressure MPa (safety factor 4:1)										Temperature Range °C	Reinforcement	EN	ISO	SAE
	-4 06	-5 08	-6 10	-8 12	-10 16	-12 20	-16 25	-20 32	-24 40	-32 50					
301SN	40.0	35.0	33.0	27.5	25.0	21.5	16.5	12.5	9.0	8.0	-40/+100	2 braids, wire	EN 853-2SN		SAE 100 R2 AT
302	40.0	35.0	33.0	27.5	25.0	21.5	16.5	12.5	9.0	8.0	-40/+100	2 braids, wire	EN 853-2SN	ISO S 1436	SAE 100 R2 AT
421SN	22.5	21.5	18.0	16.0	13.0	10.5	8.8	6.3	5.0	4.0	-40/+100	1 braid, wire	EN 853-1SN	ISO S 1436-1	SAE 100 R1 AT
422	22.5	21.5	18.0	16.0	13.0	10.5	8.8	6.3	5.0	4.0	-40/+100	1 braid, wire	EN 853-1SN	ISO S 1436-1	SAE 100 R1 AT
441	34.5	29.3	27.5	24.0	19.0	15.5	13.8				-40/+125	1 braid, wire		ISO 11237-1-R16	SAE 100 R16
441RH	34.5	29.3	27.5	24.0	19.0	15.5	13.8				-40/+125	1 braid, wire		ISO 11237-1-R16	SAE 100 R16
461LT	42.5	40.0	35.0	31.0	28.0	28.0	21.0				-50/+100	2 braids, wire	EN 857-2SC		
462	42.5	40.0	35.0	31.0	28.0	28.0	21.0	17.2			-40/+100	2 braids, wire	EN 857-2SC	ISO 11237-1-2SC	
462ST	42.5	40.0	35.0	31.0	28.0	28.0	21.0				-40/+100	2 braids, wire	EN 857-2SC	ISO 11237-1-2SC	
463		40.0	40.0	35.0							max. +120	2 braids, wire			
492	28.0	25.0	22.5	19.0	15.0	15.0	11.0	7.5			-40/+100	1 braid, wire	EN 857-1SC	ISO 11237-1-1SC	
492ST	28.0	25.0	22.5	19.0	15.0	15.0	11.0				-40/+100	1 braid, wire	EN 857-1SC	ISO 11237-1-1SC	
692	21.0	21.0	21.0	21.0	21.0						-40/+100	1/2 braids, wire			SAE 100 R17
692Twin	21.0	21.0	21.0	21.0	21.0						-40/+100	1/2 braids, wire			SAE 100 R17

10046 – *No-Skive* crimp shell

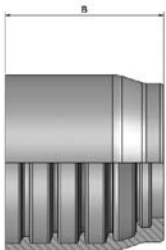
for hoses 421SN, 441, 441RH, 461LT, 462, 462ST, 463, 492, 492ST, 692, 692TWIN



Part Number	Hose I.D.				B
	DN	inch	size	mm	mm
10046-4C	6	1/4	-4	6,3	27,7
10046-5C	8	5/16	-5	7,9	27,7
10046-6C	10	3/8	-6	9,5	26,9
10046-8C	12	1/2	-8	12,7	27,7
10046-10C	16	5/8	-10	15,9	29,2
10046-12C	20	3/4	-12	19,1	30,2
10046-16C	25	1	-16	25,4	35

10048 – *No-Skive* crimp shell

for hoses 301SN, 302, 421SN*, 422*, 462**



Part Number	Hose I.D.				B
	DN	inch	size	mm	mm
10048-4C	6	1/4	-4	6,3	27,7
10048-5C	8	5/16	-5	7,9	27,7
10048-6C	10	3/8	-6	9,5	26,9
10048-8C	12	1/2	-8	12,7	27,7
10048-10C	16	5/8	-10	15,9	29,2
10048-12C	20	3/4	-12	19,1	30,2
10048-16C	25	1	-16	25,4	35

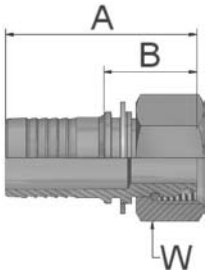
* only size -6, -10, -12 and -16

** only size -4, -6 and -8

For crimping dimensions please refer to www.parker.com/euro_hpd Section: Division Literature/Technical/Service
Information about standard products or non-standard products can be found in the current price list.
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

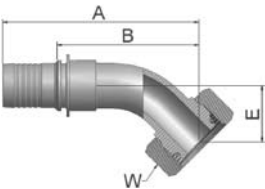


Part Number	Hose I.D.				Metric Thread	Tube mm	A mm	B mm	W mm
	DN	inch	size	mm					
KCA47-6-4C	6	1/4	-4	6,3	M12x1.5	6	49	22	14
KCA47-8-4C	6	1/4	-4	6,3	M14x1.5	8	49	22	17
KCA47-10-4C	6	1/4	-4	6,3	M16x1.5	10	49	22	19
KCA47-10-5C	8	5/16	-5	7,9	M16x1.5	10	49	22	19
KCA47-10-6C	10	3/8	-6	9,5	M16x1.5	10	48	23	19
KCA47-12-6C	10	3/8	-6	9,5	M18x1.5	12	47	23	22
KCA47-15-6C	10	3/8	-6	9,5	M22x1.5	15	49	24	27
KCA47-15-8C	12	1/2	-8	12,7	M22x1.5	15	53	26	27
KCA47-18-8C	12	1/2	-8	12,7	M26x1.5	18	52	25	32
KCA47-18-10C	16	5/8	-10	15,9	M26x1.5	18	53	25	32
KCA47-18-12C	20	3/4	-12	19,1	M26x1.5	18	53	25	32
KCA47-22-12C	20	3/4	-12	19,1	M30x2	22	58	30	36
KCA47-28-16C	25	1	-16	25,4	M36x2	28	64	33	41
KCA47-35-16C	25	1	-16	25,4	M45x2	35	65	33	50

Hose fittings are delivered with Viton-O-Ring as standard version.

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

ISO 12151-2-SWE45-L – DKOL 45°

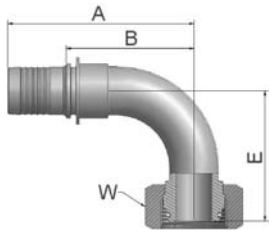


Part Number	Hose I.D.				Metric Thread	Tube mm	A mm	B mm	E mm	W mm
	DN	inch	size	mm						
KCE47-6-4C	6	1/4	-4	6,3	M12x1.5	6	72	45	19	14
KCE47-8-4C	6	1/4	-4	6,3	M14x1.5	8	62	35	16	17
KCE47-10-4C	6	1/4	-4	6,3	M16x1.5	10	62	35	16	19
KCE47-10-5C	8	5/16	-5	7,9	M16x1.5	10	70	43	15	19
KCE47-10-6C	10	3/8	-6	9,5	M16x1.5	10	70	45	20	19
KCE47-12-6C	10	3/8	-6	9,5	M18x1.5	12	70	45	19	22
KCE47-15-8C	12	1/2	-8	12,7	M22x1.5	15	74	47	22	27
KCE47-18-10C	16	5/8	-10	15,9	M26x1.5	18	78	50	23	32
KCE47-22-12C	20	3/4	-12	19,1	M30x2	22	91	62	26	36
KCE47-28-16C	25	1	-16	25,4	M36x2	28	115	83	33	41

Hose fittings are delivered with Viton-O-Ring as standard version.

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

ISO 12151-2-SWE-L – DKOL 90°

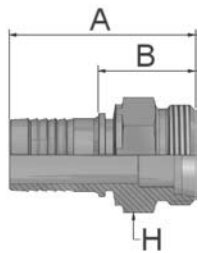


Part Number	Hose I.D.				Metric Thread	Tube mm	A mm	B mm	E mm	W mm
	DN	inch	size	mm						
KCF47-6-4C	6	1/4	-4	6,3	M12x1.5	6	60	33	33	14
KCF47-8-4C	6	1/4	-4	6,3	M14x1.5	8	55	28	29	17
KCF47-10-5C	8	5/16	-5	7,9	M16x1.5	10	64	37	29	19
KCF47-10-6C	10	3/8	-6	9,5	M16x1.5	10	62	37	37	19
KCF47-12-6C	10	3/8	-6	9,5	M18x1.5	12	60	35	36	22
KCF47-15-6C	10	3/8	-6	9,5	M22x1.5	15	60	35	36	27
KCF47-15-8C	12	1/2	-8	12,7	M22x1.5	15	64	37	43	27
KCF47-18-10C	16	5/8	-10	15,9	M26x1.5	18	69	41	45	32
KCF47-22-12C	20	3/4	-12	19,1	M30x2	22	82	54	55	36
KCF47-28-16C	25	1	-16	25,4	M36x2	28	103	72	71	41

Hose fittings are delivered with Viton-O-Ring as standard version.

DO – Male Metric 24° – Light Series – Rigid – Straight

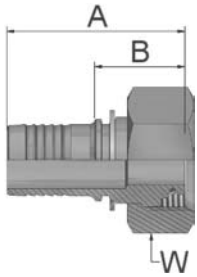
ISO 12151-2-S-L – CEL



Part Number	Hose I.D.				Metric Thread	Tube mm	A mm	B mm	H mm
	DN	inch	size	mm					
KD047-6-4C	6	1/4	-4	6,3	M12x1.5	6	47	20	12
KD047-10-5C	8	5/16	-5	7,9	M16x1.5	10	51	24	17
KD047-10-6C	10	3/8	-6	9,5	M16x1.5	10	49	24	17
KD047-12-6C	10	3/8	-6	9,5	M18x1.5	12	49	24	19
KD047-15-8C	12	1/2	-8	12,7	M22x1.5	15	53	26	22
KD047-22-12C	20	3/4	-12	19,1	M30x2	22	62	33	30
KD047-28-16C	25	1	-16	25,4	M36x2	28	67	35	36

Information about standard products or non-standard products can be found in the current price list. Dimensions shown may be changed at any time without prior notice.

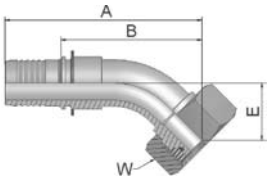
C9 – Female Metric 24° – Heavy Series with O-ring – Swivel – Straight
ISO 12151-2-SWS-S – DKOS



Part Number	Hose I.D.				Metric Thread	Tube mm	A mm	B mm	W mm
	DN	inch	size	mm					
KC947-6-4C	6	1/4	-4	6,3	M14x1,5	6	49	26	17
KC947-8-4C	6	1/4	-4	6,3	M16x1.5	8	50	23	19
KC947-10-4C	6	1/4	-4	6,3	M18x1.5	10	49	22	22
KC947-10-5C	8	5/16	-5	7,9	M18x1,5	10	49	22	22
KC947-12-5C	8	5/16	-5	7,9	M20x1.5	12	51	24	24
KC947-12-6C	10	3/8	-6	9,5	M20x1.5	12	49	24	24
KC947-14-6C	10	3/8	-6	9,5	M22x1.5	14	49	24	27
KC947-16-8C	12	1/2	-8	12,7	M24x1.5	16	55	28	30
KC947-16-10C	16	5/8	-10	15,9	M24x1,5	16	56	28	30
KC947-20-10C	16	5/8	-10	15,9	M30x2	20	55	28	36
KC947-20-12C	20	3/4	-12	19,1	M30x2	20	58	30	36
KC947-25-12C	20	3/4	-12	19,1	M36x2	25	63	35	46
KC947-25-16C	25	1	-16	25,4	M36x2	25	65	33	46
KC947-30-16C	25	1	-16	25,4	M42x2	30	70	38	50

Hose fittings are delivered with Viton-O-Ring as standard version.

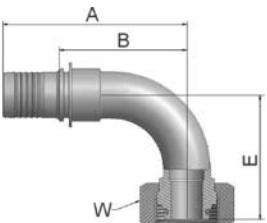
OC – Female Metric 24° – Heavy Series with O-ring – Swivel – 45° Elbow
ISO 12151-2-SWE45-S – DKOS 45°



Part Number	Hose I.D.				Metric Thread	Tube mm	A mm	B mm	E mm	W mm
	DN	inch	size	mm						
KOC47-8-4C	6	1/4	-4	6,3	M16x1.5	8	62	35	16	19
KOC47-10-5C	8	5/16	-5	7,9	M18x1.5	10	65	38	17	22
KOC47-12-5C	8	5/16	-5	7,9	M20x1.5	12	74	47	17	24
KOC47-12-6C	10	3/8	-6	9,5	M20x1.5	12	71	46	20	24
KOC47-16-8C	12	1/2	-8	12,7	M24x1,5	16	75	49	23	30

Hose fittings are delivered with Viton-O-Ring as standard version.

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



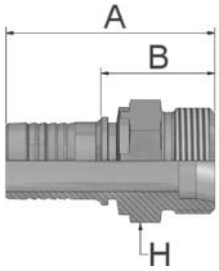
Part Number	Hose I.D.				Metric Thread	Tube mm	A mm	B mm	E mm	W mm
	DN	inch	size	mm						
K1C47-8-4C	6	1/4	-4	6,3	M16x1.5	8	56	29	30	19
K1C47-10-4C	6	1/4	-4	6,3	M18x1.5	10	53	26	29	22
K1C47-10-5C	8	5/16	-5	7,9	M18x1,5	10	63	37	31	22
K1C47-12-6C	10	3/8	-6	9,5	M20x1.5	12	60	35	37	24
K1C47-14-6C	10	3/8	-6	9,5	M22x1.5	14	60	35	37	27
K1C47-16-8C	12	1/2	-8	12,7	M24x1.5	16	64	37	45	30
K1C47-20-10C	16	5/8	-10	15,9	M30x2	20	68	40	48	36
K1C47-20-12C	20	3/4	-12	19,1	M30x2	20	82	54	58	36
K1C47-25-12C	20	3/4	-12	19,1	M36x2	25	82	54	59	46
K1C47-25-16C	25	1	-16	25,4	M36x2	25	104	72	71	46

Hose fittings are delivered with Viton-O-Ring as standard version.

Information about standard products or non-standard products can be found in the current price list.
Dimensions shown may be changed at any time without prior notice.

D2 – Male Metric 24° – Heavy Series – Rigid – Straight

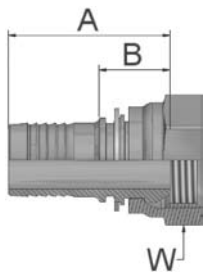
ISO 12151-2-S-S – CES



Part Number	Hose I.D.				Metric Thread	Tube mm	A mm	B mm	H mm
	DN	inch	size	mm					
KD247-6-4C	6	1/4	-4	6,3	M14x1,5	6	51	24	14
KD247-8-4C	6	1/4	-4	6,3	M16x1,5	8	51	24	17
KD247-10-4C	6	1/4	-4	6,3	M18x1,5	10	53	26	19
KD247-10-5	8	5/16	-5	7,9	M18x1,5	10	50	26	19
KD247-12-5C	8	5/16	-5	7,9	M20x1,5	12	53	26	22
KD247-12-6C	10	3/8	-6	9,5	M20x1,5	12	51	26	22
KD247-14-6C	10	3/8	-6	9,5	M22x1,5	14	53	28	22
KD247-16-8C	12	1/2	-8	12,7	M24x1,5	16	56	29	24
KD247-20-10C	16	5/8	-10	15,9	M30x2	20	60	32	30
KD247-20-12C	20	3/4	-12	19,1	M30x2	20	64	35	30
KD247-25-12C	20	3/4	-12	19,1	M36x2	25	64	38	36
KD247-30-16C	25	1	-16	25,4	M42x2	30	74	42	46

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

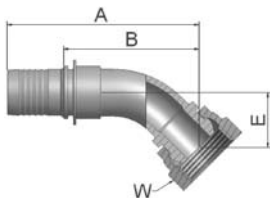
BS5200-A – DKR



Part Number	Hose I.D.				BSP Thread	A mm	B mm	W mm
	DN	inch	size	mm				
K9247-4-4C	6	1/4	-4	6,3	1/4x19	46	19	19
K9247-6-4C	6	1/4	-4	6,3	3/8x19	47	20	22
K9247-6-6C	10	3/8	-6	9,5	3/8x19	45	20	22
K9247-8-8C	12	1/2	-8	12,7	1/2x14	49	22	27
K9247-12-12C	20	3/4	-12	19,1	3/4x14	51	23	32
K9247-16-16C	25	1	-16	25,4	1x11	57	25	41

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

BS 5200-D – DKR 45°

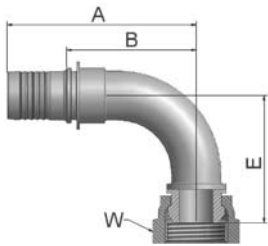


Part Number	Hose I.D.				BSP Thread	A mm	B mm	E mm	W mm
	DN	inch	size	mm					
KB147-6-6C	10	3/8	-6	9,5	3/8x19	81	58	17	22
KB147-8-8C	12	1/2	-8	12,7	1/2x14	75	48	20	27
KB147-12-12C	20	3/4	-12	19,1	3/4x14	89	61	25	32
KB147-16-16C	25	1	-16	25,4	1x11	108	76	31	41

Information about standard products or non-standard products can be found in the current price list.
Dimensions shown may be changed at any time without prior notice.

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

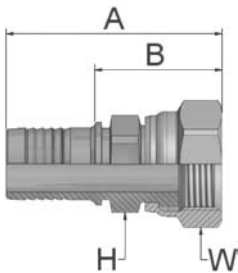
BS 5200-B – DKR 90



Part Number	Hose I.D.				BSP Thread	A mm	B mm	E mm	W mm
	DN	inch	size	mm					
KB247-4-4C	6	1/4	-4	6,3	1/4x19	53	26	28	19
KB247-6-6C	10	3/8	-6	9,5	3/8x19	63	38	33	22
KB247-8-8C	12	1/2	-8	12,7	1/2x14	67	40	41	27
KB247-12-12C	20	3/4	-12	19,1	3/4x14	82	54	53	32
KB247-16-16C	25	1	-16	25,4	1x11	107	75	69	41

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

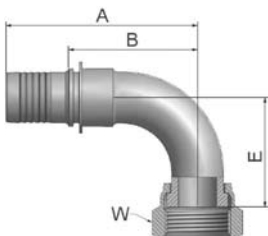
ISO12151-5-SWS – DKJ



Part Number	Hose I.D.				UNF Thread	A mm	B mm	H mm	W mm
	DN	inch	size	mm					
K6847-4-4C	6	1/4	-4	6,3	7/16-20	56	29	14	17
K0647-6-6C	10	3/8	-6	9,5	9/16-18	54	30	17	19
K6847-8-6C	10	3/8	-6	9,5	3/4-16	59	34	17	22
K6847-8-8C	12	1/2	-8	12,7	3/4-16	59	32	22	22
K6847-10-8C	12	1/2	-8	12,7	7/8x14	65	38	22	27
K6847-10-10C	16	5/8	-10	15,9	7/8x14	63	35	22	27
K0647-12-12C	20	3/4	-12	19,1	1.1/16-12	69	41	27	32
K0647-16-12C	20	3/4	-12	19,1	1.5/16-12	73	45	32	41
K0647-16-16C	25	1	-16	25,4	1.5/16-12	76	46	32	41

39/3W – Female JIC 37° / SAE 45° – Dual Flare – Swivel Female 90° Elbow

ISO 12151-5-SWES – DKJ 90°

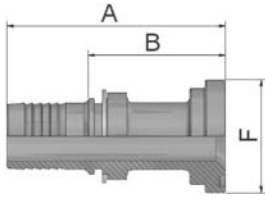


Part Number	Hose I.D.				UNF Thread	A mm	B mm	E mm	W mm
	DN	inch	size	mm					
K3W47-4-4C	6	1/4	-4	6,3	7/16-20	51	24	21	17
K3947-6-6C	10	3/8	-6	9,5	9/16-18	52	28	23	19
K3W47-8-8C	12	1/2	-8	12,7	3/4-16	58	31	29	22
K3W47-10-8C	12	1/2	-8	12,7	7/8x14	66	39	32	27
K3947-12-12C	20	3/4	-12	19,1	1.1/16-12	82	54	48	32
K3947-16-16C	25	1	-16	25,4	1.5/16-12	100	68	56	41

Information about standard products or non-standard products can be found in the current price list.
Dimensions shown may be changed at any time without prior notice.

15 – SAE Code 61 – Flange Head – Straight

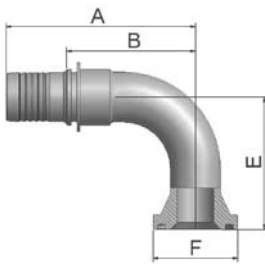
ISO 12151-3-S-L – SFL – 3000 psi



Part Number	Hose I.D.				flange size	A mm	B mm	F mm
	DN	inch	size	mm				
K1547-12-12C	20	3/4	-12	19,1	3/4	84	56	38
K1547-16-12C	20	3/4	-12	19,1	1	59	30	45
K1547-16-16C	25	1	-16	25,4	1	86	54	45

19 – SAE Code 61 – Flange Head – 90° Elbow

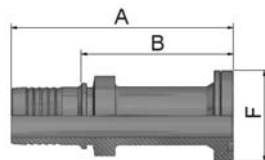
ISO 12151-3-E-L – SFL 90° – 3000 psi



Part Number	Hose I.D.				flange size	A mm	B mm	E mm	F mm
	DN	inch	size	mm					
K1947-12-12C	20	3/4	-12	19,1	3/4	82	54	58	38
K1947-16-12C	20	3/4	-12	19,1	1	82	54	58	45
K1947-16-16C	25	1	-16	25,4	1	100	68	70	45
K1947-20-16C	25	1	-16	25,4	1.1/4	105	73	60	51

6A – SAE Code 62 – Flange – Straight

ISO 12151-3-S-S – SFS – 6000 psi

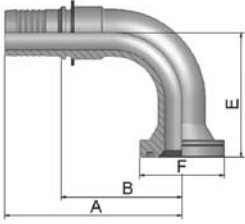


Part Number	Hose I.D.				flange size	A mm	B mm	F mm
	DN	inch	size	mm				
K6A47-8-8C	12	1/2	-8	12,7	1/2	78	52	32
K6A47-12-12C	20	3/4	-12	19,1	3/4	99	70	41
K6A47-16-12C	20	3/4	-12	19,1	1	68	39	48
K6A47-16-16C	25	1	-16	25,4	1	113	82	48
K6A47-20-16C	25	1	-16	25,4	1-1/4	,79	47	54

Information about standard products or non-standard products can be found in the current price list.
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					
K6N47-8-8C	12	1/2	-8	12,7	1/2	71	44	41	32
K6N47-12-12C	20	3/4	-12	19,1	3/4	82	54	54	41
K6N47-20-16C	25	1	-16	25,4	1.1/4	104	72	70	54

Information about standard products or non-standard products can be found in the current price list.
Dimensions shown may be changed at any time without prior notice.



aerospace
climate control
electromechanical
filtration
fluid & gas handling
hydraulics
pneumatics
process control
sealing & shielding



Hydraulic Hose Fittings in Stainless Steel

High-Pressure



ENGINEERING YOUR SUCCESS.

Parkrimp *No-Skive* and ParLock System

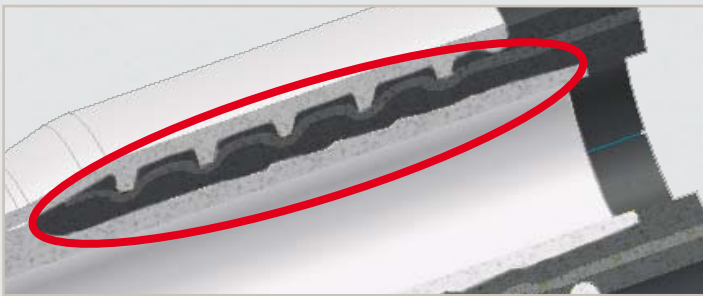
Along with the ever-growing power and efficiency of construction, agriculture and other machinery and increasing working pressures and flow

rates of their hydraulic systems, multispiral hose is gaining an increasingly important role in machine design. Parker Hannifin, as the world

leader in the hydraulic hose market, responds to these highly demanding requirements with 2 comprehensive systems – Parkrimp No-Skive and ParLock.

Parkrimp *No-Skive* system

is based on no-skiving technology (without removing the rubber cover before assembling)



Each of the Parkrimp No-Skive and ParLock systems consists of integrated ranges of hose, fittings and assembling equipment and know-how, all of which are:

- Designed and developed together
- Tested and approved together
- Produced and supplied together

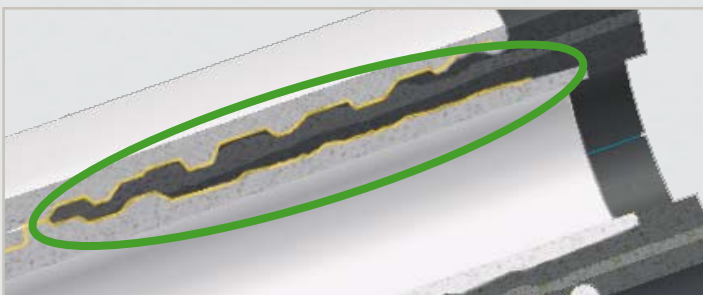
This way Parker Hannifin can guarantee:

- The highest quality and safety and the longest service life of the final product – to the end users, and at the same time:
- The easiest, most efficient and safe production process – to the assemblers.

In this way Parker Hannifin also meets the requirements of SAE J1273 and ISO 17165-2, which pay particular attention to matching the hose with the fittings and to their compatibility proven by the manufacturer.

ParLock system

uses external or internal and external skiving (Interlock) technology



Each of the two concepts has its indisputable advantages – which concept should be selected depends on the particular conditions of the application.

Parkrimp *No-Skive*

The easy to operate crimp system
from textile to 6 spiral high tensile steel wire

Parkrimp No-Skive is synonymous with the best solution for assembling hydraulic and related hose and fittings from both the technical and the manufacturing points of view!

Throughout the progressive rubber and metal compression during the crimping process the reinforcement always remains intact. The meticulous design,

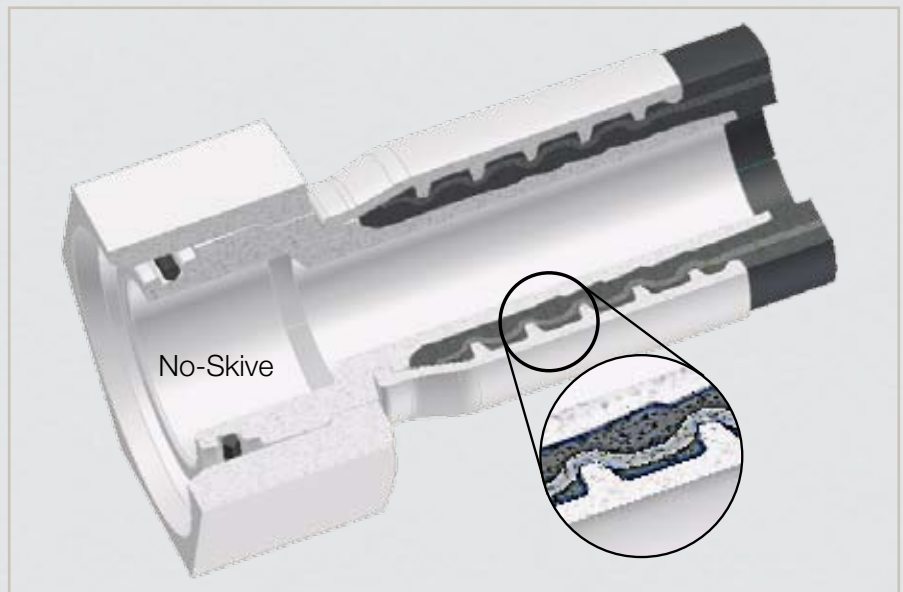
testing and manufacturing processes of Parkrimp No-Skive hose and fittings, combined with the approved crimping diameters provide an excellent mechanical connection between the hose and the fitting. This absolutely leak-free connection gives long service life even with the highest pressures associated with 4- and 6-spiral hose assemblies.

The smartly designed and time-tested Parkrimp No-Skive assembling equipment combined with Parker's assembling know how allow the safest, most efficient and mistake-proof assembly process. The Parkrimp equipment allows cost and time savings to the assembler and guarantees a defect-free, reliable and durable final product to the end-user.

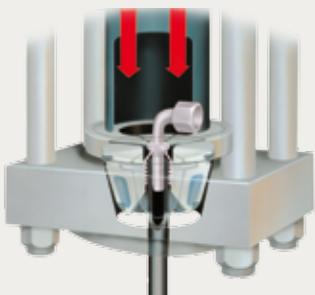
Parkrimp *No-Skive* hose and fittings

the system for fast and leak-free assemblies

- For crimping Parkrimp No-Skive fittings only
- No skiving tool needed
- No need to remove the cover
- Quick and easy: no gauges to set on the machine
- Portable machines for field repair
- Meets EN safety regulations

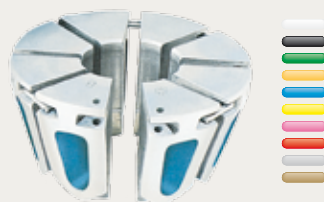


Parkrimp *No-Skive* hose and fittings the system with the perfect match



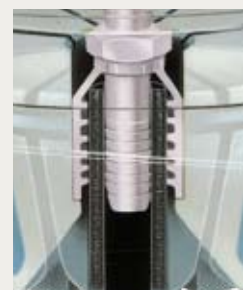
The perfect match

The complete system from one source. No-Skive hose, No-Skive fitting and crimping machine with world-wide guarantee and availability.



Parker's colour-coded die sets

No loose parts to mismatch or misplace – die set segments linked together. Die sets provide 360° evenly applied crimping forces for an ideal crimp result.



Parkalign®

Parker's exclusive Parkalign® positions the fitting in the dies perfectly every time.

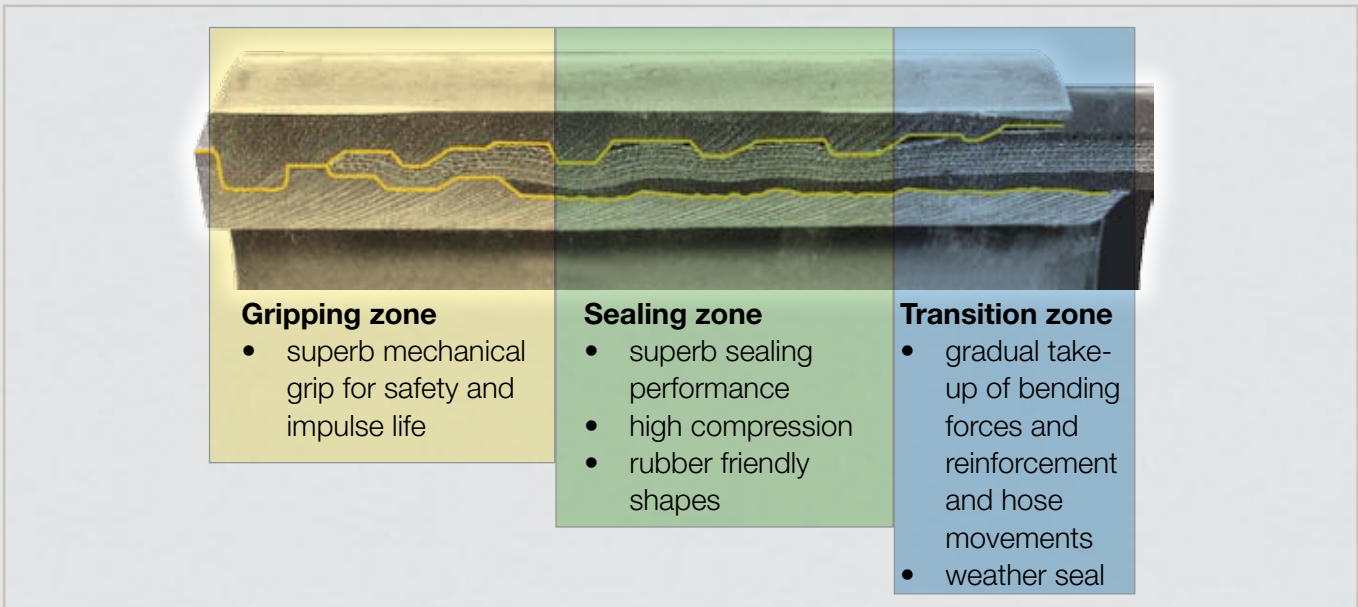


ParLock

The system for extremely dynamic pressure applications

Applications requiring the ParLock system

- Hydrostatic transmissions (combine harvesters, large tractors, excavators, etc.)
- Vibratory hammers
- Large injection moulding machines
- Tunnelling machines
- Forestry machines
- Large material handling machines (container handling)
- Excavator booms
- Blow-out preventers in oil and gas



For manufacturing the ParLock hose assemblies Parker Hannifin offers

- Skiving machines for external and internal skiving
- Universal crimping machines with adjustable crimping diameter
- Detailed assembling instructions (see further in this catalogue)



For applications with extremely dynamic pressure profiles, pressure surges and peaks, as well as applications with intense vibrations and hose flexing (bending), especially when close to the fitting, a strong mechanical grip by the fitting onto the hose is paramount. A popular method accepted by the market of achieving this mechanical grip in such applications is to use hose fittings that „lock“ the metal reinforcement of the hose directly between the metal shell and nipple – for which the rubber of the hose has to be removed both

externally and up to a certain length also internally (a concept generally called „Interlock“). As a response to the market requirement for an „Interlock“ hose fitting system, Parker has developed the Parlock program. This range consists of a specific range of hose, fittings and assembly equipment combined with Parker crimping know-how.

High-Pressure Hydraulic Hoses

Parkrimp *No-Skive* Hoses

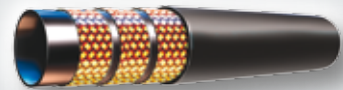
371LT – *No-Skive* Compact; 3 wire braid low temperature with 4SP working pressures

372 – *No-Skive* Compact; 3 wire braid with 4SP working pressures

372RH – *No-Skive* Compact; with fire-retardant cover

372TC – *No-Skive* Compact; 3 wire braid with 4SP working pressures

701 – *No-Skive* Multispiral; ISO 3862-1 Type 4SP, EN 856 Type 4SP



ParLock Skive Type Hoses

H29 – Multispiral; ISO 3862-1 type 4SH, EN 856 type 4SH

H29TC – Multispiral; ISO 3862-1 type 4SH, EN 856 type 4SH

H29ST – Multispiral; ISO 3862-1 type 4SH, EN 856 type 4SH

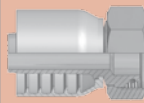
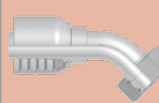

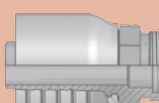
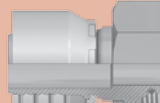
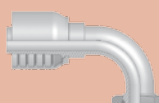
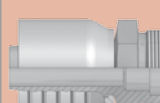
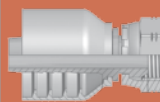

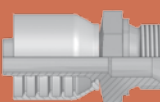
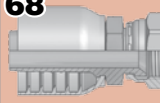
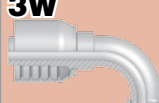
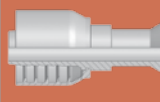
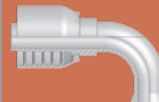
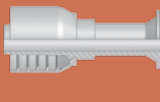

R42 – Multispiral; ISO 3862-1 type R15 – Parker Specifications

R42TC – Multispiral; ISO 3862-1 type 4SH, EN 856 type 4SH

R42ST – Multispiral; ISO 3862-1 type R15 – Parker Specifications



No-Skive Fittings Overview 70 Series

DIN	CA  DKOL	CE  DKOL 45°	CF  DKOL 90°	D0  CEL	C9  DKOS	1C  DKOS 90°	D2  CES
	BSP	92  DKR	B2  DKR 90°	D9  AGR			
SAE	06 68  DKJ	39 3W  DKJ 90°					
Flange	15  SFL	19  SFL 90°	6A  SFS	6N  SFS 90°			

Further end-configurations available on request.

No-Skive Hose and Fittings Pressure Ratings

Fitting end connection	Description	Metric tube size in mm									
		Maximum working pressure (MPa) – safety factor 4:1									
		4	5	6	8	10	12	16	20	24	32
92, B2	BSP swivel female	63.0		55.0	43.0	37.5	35.0	28.0	25.0	21.0	21.0
D9	BSP male	63.0		55.0	43.0		35.0	28.0	25.0	21.0	21.0
06/68, 39/3W	SAE (JIC) 37° swivel female	41.0	41.0	34.5	34.5	34.5	34.5	27.5	20.0	17.0	17.0
15, 19	SAE flange Code 61				34.5	34.5	34.5	34.5	27.5	21.0	21.0
6A, 6N	SAE flange Code 62 6000 psi				41.0		41.0	41.0	41.0	41.0	41.0

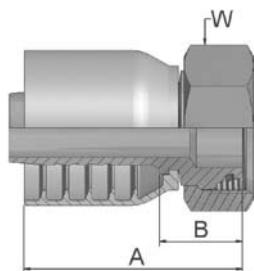
Fitting end connection	Description	Metric tube size in mm • Light series – L									
		Maximum working pressure (MPa) – safety factor 4:1									
		6	8	10	12	15	18	22	28	35	42
CA, CE, CF	DIN 20066:2002-10 swivel female with O-ring, Form N	31.5	42.5	40.0	35.0	31.5	31.5	28.0	21.0	16.0	16.0
DO	DIN 20066:2002-10 male stud, Form D	25.0	42.5	40.0	35.0	31.0	28.0	28.0	21.0	16.0	16.0

Fitting end connection	Description	Metric tube size in mm • Heavy series – S									
		Maximum working pressure (MPa) – safety factor 4:1									
		6	8	10	12	14	16	20	25	30	38
C9, 0C, 1C	Swivel female DIN 20066:2002-10 with O-ring, Form P	63.0	63.0	63.0	63.0	63.0	42.0	42.0	42.0	42.0	42.0
D2	Male stud	63.0	63.0	63.0	63.0	63.0	42.0	42.0	42.0	42.0	42.0

Hose size DN	Working Pressure MPa (safety factor 4:1)										Temperature Range °C	Reinforcement	EN	ISO	SAE	
	-4 06	-5 08	-6 10	-8 12	-10 16	-12 20	-16 25	-20 32	-24 40	-32 50						
371LT			44.5	41.5	35.0	35.0	28.0					-50/+100	3 braids, wire			
372			44.5	41.5	35.0	35.0	28.0					-40/+100	3 braids, wire			
372RH			44.5	41.5	35.0	35.0	28.0					-40/+100	3 braids, wire			
372TC			44.5	41.5	35.0	35.0	28.0					-40/+100	3 braids, wire			
701			45.0	41.5	35.0	35.0	28.0	21.0				-40/+100	4 spiral, wire	EN 856-4SP	ISO 3862-1-4SP	

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

ISO 12151-2-SWS-L – DKOL

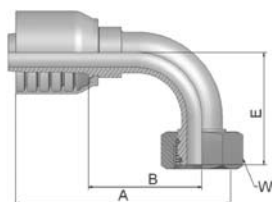


XXXXX-YY-ZZ Part Number 70	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	W mm
	DN	Inch	Size	mm					
1CA70-10-6C	10	3/8	-6	9,5	M16x1,5	10	53	24	19
1CA70-15-8C	12	1/2	-8	12,7	M22x1,5	15	62	27	27
1CA70-18-10C	16	5/8	-10	15,9	M26x1,5	18	62	26	32
1CA70-22-12C	20	3/4	-12	19,1	M30x2	22	63	24	36
1CA70-28-16C	25	1	-16	25,4	M36x2	28	78	33	41

Fittings with standard O-ring seals can be used for temperatures from -30 °C up to +105 °C.
Find O-rings in Catalogue C4400 section E. Special O-rings are available on request.
Attention: Hose assembly pressure is reduced; see Catalogue C4400/UK.

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

ISO 12151-2-SWE-L – DKOL 90°

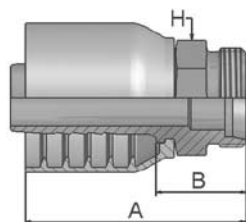


XXXXX-YY-ZZ Part Number 70	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm						
1CF70-10-6C	10	3/8	-6	9,5	M16x1,5	10	67	38	38	19
1CF70-12-6C	10	3/8	-6	9,5	M18x1,5	12	67	38	37	22
1CF70-15-8C	12	1/2	-8	12,7	M22x1,5	15	74	39	45	27
1CF70-18-10C	16	5/8	-10	15,9	M26x1,5	18	79	42	49	32
1CF70-22-12C	20	3/4	-12	19,1	M30x2	22	89	49	55	36
1CF70-28-16C	25	1	-16	25,4	M36x2	28	113	68	73	41

Fittings with standard O-ring seals can be used for temperatures from -30 °C up to +105 °C.
Find O-rings in Catalogue C4400 section E. Special O-rings are available on request.
Attention: Hose assembly pressure is reduced; see Catalogue C4400/UK.

D0 – Male Metric 24° – Light Series – Rigid – Straight

ISO 12151-2-S-L – CEL

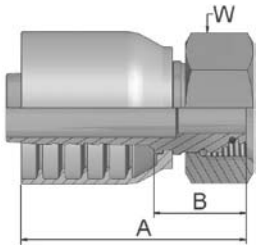


XXXXX-YY-ZZ Part Number 70	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	H mm
	DN	Inch	Size	mm					
1D070-15-8C	12	1/2	-8	12,7	M22x1,5	15	61	26	22
1D070-18-10C	16	5/8	-10	15,9	M26x1,5	18	68	28	27
1D070-22-12C	20	3/4	-12	19,1	M30x2	22	70	30	30
1D070-28-16C	25	1	-16	25,4	M36x2	28	78	33	36

Attention: Hose assembly pressure is reduced; see Catalogue C4400/UK.

Information about standard products or non-standard products can be found in the current price list.
Dimensions shown may be changed at any time without prior notice.

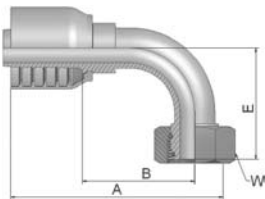
C9 – Female Metric 24° – Heavy Series with O-ring – Swivel – Straight
ISO 12151-2-SWS-S – DKOS



XXXXX-XX-XX Part Number 70	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	W mm
	DN	Inch	Size	mm					
1C970-10-6C	10	3/8	-6	9,5	M16x1,5	8	53	24	19
1C970-12-6C	10	3/8	-6	9,5	M20x1,5	12	52	22	24
1C970-14-6C	10	3/8	-6	9,5	M22x1,5	14	53	24	27
1C970-16-8C	12	1/2	-8	12,7	M24x1,5	16	59	24	30
1C970-20-10C	16	5/8	-10	15,9	M30x2	20	64	27	36
1C970-20-12C	20	3/4	-12	19,1	M30x2	20	67	27	36
1C970-25-12C	20	3/4	-12	19,1	M36x2	25	68	29	46
1C970-25-16C	25	1	-16	25,4	M36x2	25	78	33	46
1C970-30-16C	25	1	-16	25,4	M42x2	30	80	33	50

Fittings with standard O-ring seals can be used for temperatures from -30 °C up to +105 °C.
Find O-rings in Catalogue C4400/UK. Special O-rings are available on request.

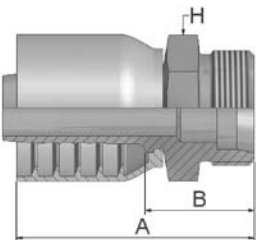
1C – Female Metric 24° – Heavy Series with O-ring – Swivel – 90° Elbow
ISO 12151-2-SWE-S – DKOS 90°



XXXXX-XX-XX Part Number 70	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm						
11C70-12-6C	10	3/8	-6	9,5	M20x1,5	12	67	38	37	24
11C70-14-6C	10	3/8	-6	9,5	M22x1,5	14	65	35	37	27
11C70-16-8C	12	1/2	-8	12,7	M24x1,5	16	72	37	45	30
11C70-20-10C	16	5/8	-10	15,9	M30x2	20	79	40	48	36
11C70-25-12C	20	3/4	-12	19,1	M36x2	25	89	49	59	46
11C70-30-16C	25	1	-16	25,4	M42x2	30	115	68	76	50

Fittings with standard O-ring seals can be used for temperatures from -30 °C up to +105 °C.
Find O-rings in Catalogue C4400/UK. Special O-rings are available on request.

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

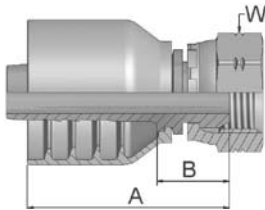


XXXXX-XX-XX Part Number 70	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	H mm
	DN	Inch	Size	mm					
1D270-14-6C	10	3/8	-6	9,5	M22x1,5	14	55	25	22
1D270-16-8C	12	1/2	-8	12,7	M24x1,5	16	62	28	24
1D270-20-10C	16	5/8	-10	15,9	M30x2	20	75	32	30
1D270-25-12C	20	3/4	-12	19,1	M36x2	25	73	33	36
1D270-25-16C	25	1	-16	25,4	M36x2	25	82	37	36

Information about standard products or non-standard products can be found in the current price list.
Dimensions shown may be changed at any time without prior notice.

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

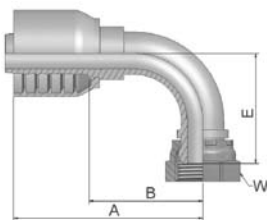
BS5200-A – DKR



XXXXX-YY-ZZ Part Number 70	Hose I.D.				Thread BSP	A mm	B mm	W mm
	DN	Inch	Size	mm				
19270-6-6C	10	3/8	-6	9,5	3/8x19	49	20	22
19270-8-8C	12	1/2	-8	12,7	1/2x14	57	22	27
19270-10-10C	16	5/8	-10	15,9	5/8x14	57	21	30
19270-12-12C	20	3/4	-12	19,1	3/4x14	64	24	32
19270-16-16C	25	1	-16	25,4	1x11	76	27	41

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

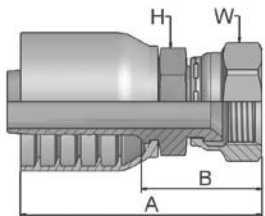
BS 5200-B – DKR 90°



XXXXX-YY-ZZ Part Number 70	Hose I.D.				Thread BSP	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm					
1B270-6-6C	10	3/8	-6	9,5	3/8x19	66	37	33	22
1B270-8-8C	12	1/2	-8	12,7	1/2x14	70	35	39	27
1B270-12-12C	20	3/4	-12	19,1	3/4x14	89	50	53	32
1B270-16-16C	25	1	-16	25,4	1x11	116	69	69	41

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

ISO12151-5-SWS – DKJ



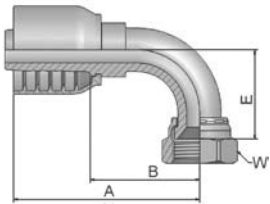
XXXXX-YY-ZZ Part Number 70	Hose I.D.				Thread UNF	A mm	B mm	H mm	W mm
	DN	Inch	Size	mm					
10670-6-8C	10	3/8	-6	9,5	9/16x18	64	29	22	19
10670-8-6C	10	3/8	-6	9,5	3/4x16	61	32	19	22
10670-8-8C	12	1/2	-8	12,7	3/4x16	56	21	22	22
10670-10-8C	12	1/2	-8	12,7	7/8x14	70	35	22	27
10670-12-8C	12	1/2	-8	12,7	1-1/16x12	56	21	27	32
16870-10-10C	16	5/8	-10	15,9	7/8x14	75	35	24	27
10670-12-12C	20	3/4	-12	19,1	1-1/16x12	80	41	27	32
10670-12-16C-SM	25	1	-16	25,4	1-1/16x12	89	44	36	32
10670-16-16C	25	1	-16	25,4	1-5/16x12	92	47	36	41


* These fittings contain a dual seat that accepts both JIC (37°) and SAE (45°) male configurations. The other sizes accept the JIC (37°) male configurations only. SM: Metric Hexagon

Information about standard products or non-standard products can be found in the current price list. Dimensions shown may be changed at any time without prior notice.

39/3W – Female JIC 37° / SAE 45° – Dual Flare – Swivel Female 90° Elbow

ISO 12151-5-SWES – DKJ 90°

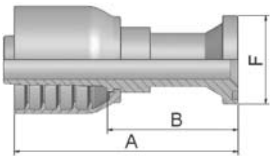



XXXXX-XX-XX Part Number 	Hose I.D.				Thread UNF	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm					
13970-6-6C	10	3/8	-6	9,5	9/16x18	58	29	22	19
13970-8-6C	10	3/8	-6	9,5	3/4x16	64	35	28	22
13970-8-8C	12	1/2	-8	12,7	3/4x16	68	33	28	22
13970-10-8C	12	1/2	-8	12,7					
13970-10-10C	16	5/8	-10	15,9	7/8x14	80	41	33	27
13970-12-12C	20	3/4	-12	19,1	1-1/16x12	89	50	48	32
13970-16-16C	25	1	-16	25,4	1-5/16x12	111	64	55	41

* These fittings contain a dual seat that accepts both JIC (37°) and SAE (45°) male configurations. The other sizes accept the JIC (37°) male configurations only. SM: Metric Hexagon

15 – SAE Code 61 – Flange Head – Straight

ISO 12151-3-S-L – SFL – 3000 psi

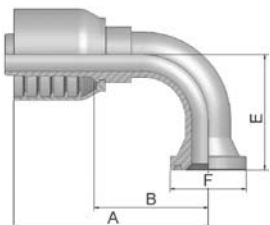



XXXXX-XX-XX Part Number 	Hose I.D.				End Connection	A mm	B mm	F mm
	DN	Inch	Size	mm				
11570-12-12C	20	3/4	-12	19,1	3/4	98	59	38
11570-16-12C	20	3/4	-12	19,1	1	70	31	45
11570-16-16C	25	1	-16	25,4	1	108	63	45
11570-20-16C	25	1	-16	25,4	1-1/4	82	36	51

Find SAE flange halves in Catalogue C4400 section Eb. Fittings with standard O-ring seals can be used for temperatures from -30 °C up to +105 °C. Find O-rings in Catalogue C4400/UK. Special O-rings are available on request.

19 – SAE Code 61 – Flange Head – 90° Elbow

ISO 12151-3-E-L – SFL 90° – 3000 psi



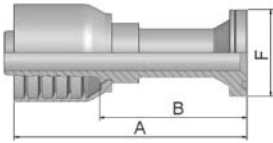
XXXXX-XX-XX Part Number 	Hose I.D.				End Connection	A mm	B mm	E mm	F mm
	DN	Inch	Size	mm					
11970-12-12C	20	3/4	-12	19,1	3/4	89	50	58	38
11970-16-12C	20	3/4	-12	19,1	1	90	50	58	45
11970-16-16C	25	1	-16	25,4	1	111	64	70	45
11970-20-16C	25	1	-16	25,4	1-1/4	113	68	70	51

Find SAE flange halves in Catalogue C4400 section Eb. Fittings with standard O-ring seals can be used for temperatures from -30 °C up to +105 °C. Find O-rings in Catalogue C4400/UK. Special O-rings are available on request.

Information about standard products or non-standard products can be found in the current price list. 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



XXXXX-XX-XX Part Number 70	Hose I.D.				End Connection	A mm	B mm	F mm
	DN	Inch	Size	mm				
16A70-8-8C	12	1/2	-8	12,7	1/2	103	68	32
16A70-12-12C	20	3/4	-12	19,1	3/4	105	66	41
16A70-16-12C	20	3/4	-12	19,1	1	110	70	48
16A70-16-16C	25	1	-16	25,4	1	127	82	48
16A70-20-16C	25	1	-16	25,4	1-1/4	127	82	54

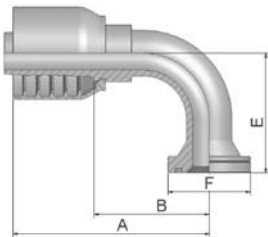
Find SAE flange halves in Catalogue C4400 section Eb.

Fittings with standard O-ring seals can be used for temperatures from -30 °C up to +105 °C.

Find O-rings in Catalogue C4400/UK. Special O-rings are available on request.

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

ISO 12151-3-E-S – SFS 90° – 6000 psi



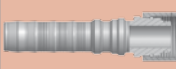

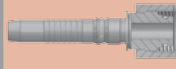
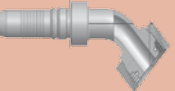
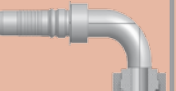


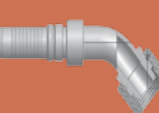
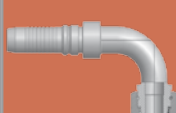

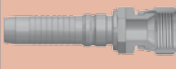
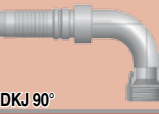

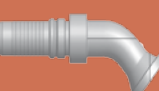
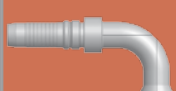



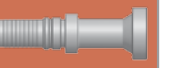
XXXXX-YY-XX Part Number 70	Hose I.D.				End Connection	A mm	B mm	E mm	F mm
	DN	Inch	Size	mm					
16N70-8-8C	12	1/2	-8	12,7	1/2	74	39	41	32
16N70-12-12C	20	3/4	-12	19,1	3/4	98	58	54	41
16N70-16-12C	20	3/4	-12	19,1	1	93	53	53	48
16N70-16-16C	25	1	-16	25,4	1	111	64	70	48
16N70-20-16C	25	1	-16	25,4	1-1/4	115	68	68	54

Find SAE flange halves in Catalogue C4400 section Eb.

Fittings with standard O-ring seals can be used for temperatures from -30 °C up to +105 °C.

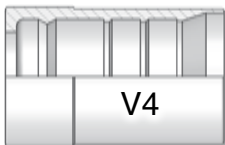
Find O-rings in Catalogue C4400/UK. Special O-rings are available on request.

ParLock Nipple Overview V4 Series

DIN	CA  DKOL	CF  DKOL 90°	C9  DKOS	OC  DKOS 45°	1C  DKOS 90°	D2  CES	
	BSP	92  DKR	B1  DKR 45°	B2  DKR 90°	D9  AGR-K		
SAE	06  DKJ	39  DKJ 90°					
Flange	15 4A  SFL	17 4F  SFL 45°	19 4N  SFL 90°	6A  SFS	6F  SFS 45°	6N  SFS 90°	XA  Caterpillar Flange Head

Further end-configurations available on request.

Compatible with V4 Series Shells and Hose Types:



H29, H29TC, H29ST, R42, R42TC, R42ST

ParLock Hose and Fittings Pressure Ratings

Fitting end connection	Description	Metric tube size in mm									
		Maximum working pressure (MPa) – safety factor 4:1									
		4	5	6	8	10	12	16	20	24	32
92, B1	BSP swivel female	63.0		55.0	43.0	37.5	35.0	28.0	25.0	21.0	21.0
91	BSP male	63.0		55.0	43.0		35.0	28.0	25.0	21.0	21.0
06/68, 39/3W	SAE (JIC) 37° swivel female	41.0	41.0	34.5	34.5	34.5	34.5	27.5	20.0	17.0	17.0
15, 17, 19	SAE flange Code 61				34.5	34.5	34.5	34.5	27.5	21.0	21.0
6A, 6F, 6N, XA	SAE flange Code 62 6000 psi				41.0		41.0	41.0	41.0	41.0	41.0

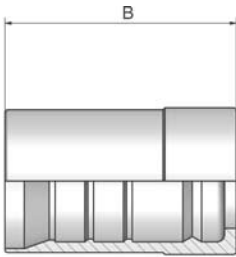
Fitting end connection	Description	Metric tube size in mm • Light series – L									
		Maximum working pressure (MPa) – safety factor 4:1									
		6	8	10	12	15	18	22	28	35	42
CA, CF	DIN 20066:2002-10 swivel female with O-ring, Form N	31.5	42.5	40.0	35.0	31.5	31.5	28.0	21.0	16.0	16.0

Fitting end connection	Description	Metric tube size in mm • Heavy series – S									
		Maximum working pressure (MPa) – safety factor 4:1									
		6	8	10	12	14	16	20	25	30	38
C9, 0C, 1C	Swivel female DIN 20066:2002-10 with O-ring, Form P	63.0	63.0	63.0	63.0	63.0	42.0	42.0	42.0	42.0	42.0
D2	Male stud	63.0	63.0	63.0	63.0	63.0	42.0	42.0	42.0	42.0	42.0

Hose size DN	Working Pressure MPa (safety factor 4:1)									Temperature Range °C	Reinforcement	EN	ISO	SAE
	-6 10	-8 12	-10 16	-12 20	-16 25	-20 32	-24 40	-32 50	-46					
H29				43.0	40.0	35.0	31.0	28.0		-40/+100	4 spiral, wire	EN 856-4SH	3862-1-4SH	
H29TC				43.0	40.0	35.0	31.0	28.0		-40/+125	4 spiral, wire	EN 856-4SH	3862-1-4SH	
H29ST				43.0	40.0	35.0	31.0	28.0		-40/+100	4 spiral, wire	EN 856-4SH	3862-1-4SH	
R42			42.0	42.0	42.0					-40/+125	4/6 spiral, wire		3862-1-R15	
R42TC			42.0	42.0	42.0					-40/+125	4/6 spiral, wire	EN 856-4SH	3862-1-4SH	
R42ST			42.0	42.0	42.0					-40/+100	4/6 spiral, wire		3862-1-R15	

V4 – ParLock Shells

for hoses H29, H29TC, H29ST, R42, R42TC, R42ST



XXXX-XX-XX Part Number	Hose I.D.				B
	DN	Inch	Size	mm	mm
100V4-12C	20	3/4	-12	19,1	60
100V4-16C	25	1	-16	25,4	75
100V4-20C*	32	1-1/4	-20	31,8	88
100V4-24C**	40	1-1/2	-24	38,1	94

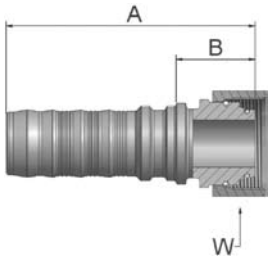
* not for R42, R42TC, R42ST

**not for R42, R42TC, R42ST

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

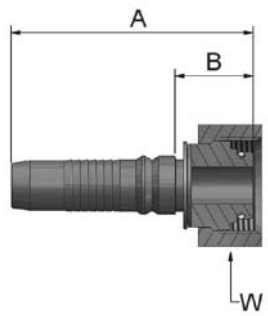
For crimping dimensions please refer to www.parker.com/euro_hpd Section: Division Literature/Technical/Service
Information about standard products or non-standard products can be found in the current price list.
Dimensions shown may be changed at any time without prior notice.

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



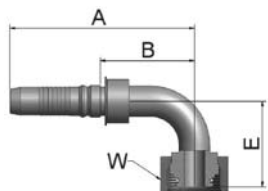
XXXXX-YY-VV Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	W mm
	DN	Inch	Size	mm					
KCAV4-22-12C	20	3/4	-12	19,1	M30x2	22	89	28	36
KCAV4-28-16C	25	1	-16	25,4	M36x2	28	103	31	41
KCAV4-35-20C	32	1 1/4	-20	31,8	M45x2	35	121	33	50
KCAV4-42-24C	40	1 1/2	-24	38,1	M52x2	42	128	35	60

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



XXXXX-YY-VV Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	W mm
	DN	Inch	Size	mm					
KC9V4-20-12C	20	3/4	-12	19,1	M30x2	20	88	26	36
KC9V4-25-12C	20	3/4	-12	19,1	M36x2	25	91	30	46
KC9V4-25-16C	25	1	-16	25,4	M36x2	25	103	30	46
KC9V4-30-16C	25	1	-16	25,4	M42x2	30	108	34	50
KC9V4-38-20C	32	1 1/4	-20	31,8	M52x2	38	126	38	60

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

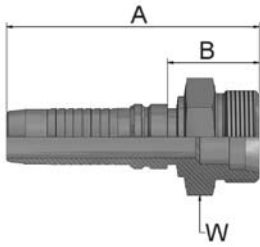


XXXXX-YY-VV Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm						
K1CV4-20-12C	20	3/4	-12	19,1	M30x2	20	125	63	60	36
K1CV4-25-12C	20	3/4	-12	19,1	M36x2	25	126	63	59	46
K1CV4-25-16C	25	1	-16	25,4	M36x2	25	150	77	66	46
K1CV4-30-16C	25	1	-16	25,4	M42x2	30	151	78	69	50
K1CV4-38-20C	32	1 1/4	-20	31,8	M52x2	38	187	99	78	60

Information about standard products or non-standard products can be found in the current price list.
Dimensions shown may be changed at any time without prior notice.

D2 – Male Metric 24° – Heavy Series – Rigid – Straight

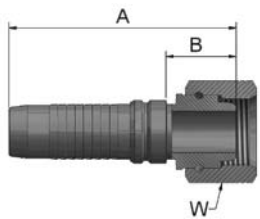
ISO 12151-2-S-S – CES



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

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

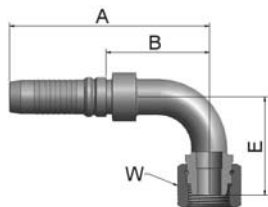
BS5200-A – DKR



Part Number XXXXX-YY-ZZ	Hose I.D.				Thread BSP	A mm	B mm	W mm
	DN	Inch	Size	mm				
K92V4-12-12C	20	3/4	-12	19,1	3/4x14	85	23	32
K92V4-16-16C	25	1	-16	25,4	1x11	105	33	41

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

BS 5200-B – DKR 90°

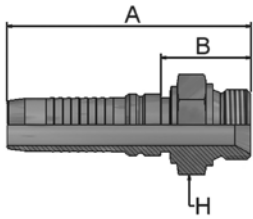


Part Number XXXXX-YY-ZZ	Hose I.D.				Thread BSP	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm					
KB2V4-12-12C	20	3/4	-12	19,1	3/4x14	125	63	55	32
KB2V4-16-16C	25	1	-16	25,4	1x11	150	78	74	41

Information about standard products or non-standard products can be found in the current price list.
Dimensions shown may be changed at any time without prior notice.

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

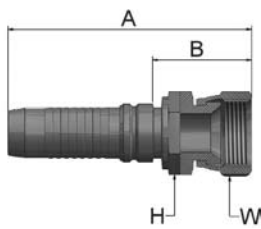
BS5200 – AGR



XXXXX-YY-ZZ Part Number	Hose I.D.				Thread BSP	A mm	B mm	W mm
	DN	Inch	Size	mm				
KD9V4-12-12C	20	3/4	-12	19,1	3/4x14	99	37	32
KD9V4-16-16C	25	1	-16	25,4	1x11	115	43	41

06 – Female JIC 37° Swivel – Straight

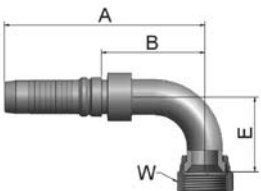
ISO 12151-5-SWS – DKJ



XXXXX-YY-ZZ Part Number	Hose I.D.				Thread UNF	A mm	B mm	H mm	W mm
	DN	Inch	Size	mm					
K06V4-12-12C	20	3/4	-12	19,1	1-1/16x12	105	43	30	32
K06V4-16-16C	25	1	-16	25,4	1-5/16x12	122	50	36	41

39 – Female JIC 37° – Swivel – 90° Elbow

ISO 12151-5-SWES – DKJ 90°

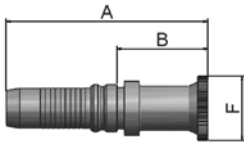


XXXXX-YY-ZZ Part Number	Hose I.D.				Thread UNF	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm					
K39V4-12-12C	20	3/4	-12	19,1	1-1/16x12	125	63	48	32
K39V4-16-12C	20	3/4	-12	19,1	1-5/16x12	125	63	56	41
K39V4-16-16C	25	1	-16	25,4	1-5/16x12	150	78	56	41
K39V4-20-20C	32	1 1/4	-20	31,8	1-5/8x12	186	99	85	55

Information about standard products or non-standard products can be found in the current price list.
Dimensions shown may be changed at any time without prior notice.

4A – SAE Code 61 – Flange Head – Straight (5000 psi)

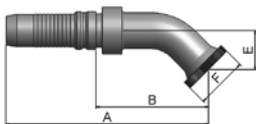
ISO 12151-3-SL – SFL



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

4F – SAE Code 61 – Flange Head 45° Elbow – 45° Elbow (5000 psi)

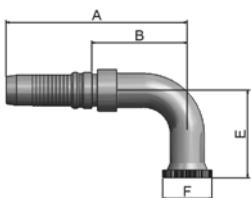
ISO 12151-3-E45S-L – SFL 45°



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

4N – SAE Code 61 – Flange Head – 90° Elbow (5000 psi)

ISO 12151-3-E90ML – SFL 90°

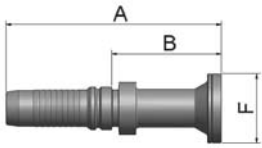


Part Number	Hose I.D.				Flange Size	A	B	E	F
	DN	Inch	Size	mm					
K4NV4-12-12C	20	3/4	-12	19,1	3/4"	125	63	58	38
K4NV4-16-12C	20	3/4	-12	19,1	1"	125	63	58	45
K4NV4-16-16C	25	1	-16	25,4	1"	150	78	70	45
K4NV4-20-16C	25	1	-16	25,4	1 1/4"	150	78	68	51
K4NV4-20-20C	32	1 1/4	-20	31,8	1 1/4"	186	99	90	51
K4NV4-24-20C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

Information about standard products or non-standard products can be found in the current price list.
Dimensions shown may be changed at any time without prior notice.

6A – SAE Code 62 – Flange – Straight

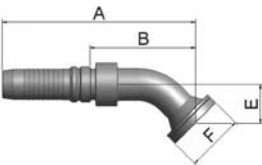
ISO 12151-3-S-S – SFS – 6000 psi



Part Number XXXXX-YY-ZZ	Hose I.D.				Flange Size	A mm	B mm	F mm
	DN	Inch	Size	mm				
K6AV4-12-12C	20	3/4	-12	19,1	3/4"	126	64	41
K6AV4-16-12C	20	3/4	-12	19,1	1"	100	38	48
K6AV4-16-16C	25	1	-16	25,4	1"	148	75	48
K6AV4-20-16C	25	1	-16	25,4	1 1/4"	116	44	54
K6AV4-20-20C	32	1 1/4	-20	31,8	1 1/4"	166	78	54
K6AV4-24-20C	32	1 1/4	-20	31,8	1 1/2"	139	51	64
K6AV4-24-24C	40	1 1/2	-24	38,1	1 1/2"	192	99	64
K6AV4-32-24C	40	1 1/2	-24	38,1	2"	153	61	79

6F – SAE Flange 45° Elbow – Heavy Series

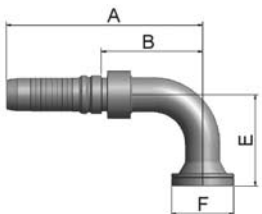
ISO 12151-3-E45-S – SFS 45° – 6000 psi



Part Number XXXXX-YY-ZZ	Hose I.D.				Flange Size	A mm	B mm	E mm	F mm
	DN	Inch	Size	mm					
K6FV4-12-12C	20	3/4	-12	19,1	3/4"	133	72	26	41
K6FV4-16-12C	20	3/4	-12	19,1	1"	133	71	26	48
K6FV4-16-16C	25	1	-16	25,4	1"	160	88	32	48
K6FV4-20-16C	25	1	-16	25,4	1 1/4"	161	89	32	54
K6FV4-20-20C	32	1 1/4	-20	31,8	1 1/4"	198	110	38	54
K6FV4-24-20C	32	1 1/4	-20	31,8	1 1/2"	198	110	38	64
K6FV4-24-24C	40	1 1/2	-24	38,1	1 1/2"	222	129	44	64
K6FV4-32-24C	40	1 1/2	-24	38,1	2"	222	129	44	79

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

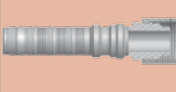
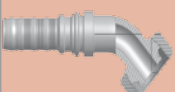
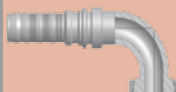



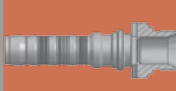
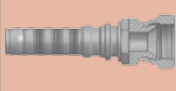
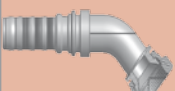
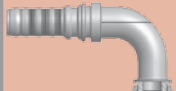
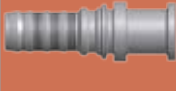


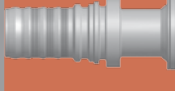


ISO 12151-3-E-S – SFS 90° – 6000 psi



Part Number XXXXX-YY-ZZ	Hose I.D.				Flange Size	A mm	B mm	E mm	F mm
	DN	Inch	Size	mm					
K6NV4-12-12C	20	3/4	-12	19,1	3/4"	125	63	58	41
K6NV4-16-12C	20	3/4	-12	19,1	1"	125	63	58	48
K6NV4-16-16C	25	1	-16	25,4	1"	150	78	70	48
K6NV4-20-16C	25	1	-16	25,4	1 1/4"	154	82	70	54
K6NV4-20-20C	32	1 1/4	-20	31,8	1 1/4"	186	99	90	54
K6NV4-24-20C	32	1 1/4	-20	31,8	1 1/2"	186	99	90	64
K6NV4-24-24C	40	1 1/2	-24	38,1	1 1/2"	210	117	104	64
K6NV4-32-24C	40	1 1/2	-24	38,1	2"	210	117	104	79

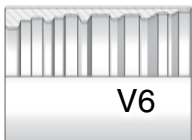
Information about standard products or non-standard products can be found in the current price list.
Dimensions shown may be changed at any time without prior notice.

ParLock Nipple Overview V6 Series

DIN	C9  DKOS	0C  DKOS 45°	1C  DKOS 90°	D2  CES		
	BSP	EA  DKR	EC  DKR 90°	D9  AGR-K		
SAE	06  DKJ	37  DKJ 45°	39  DKJ 90°			
Flange	15 4A  SFL	17 4F  SFL 45°	19 4N  SFL 90°	6A  SFS	6F  SFS 45°	6N  SFS 90°

Further end-configurations available on request.

Compatible with V6 Series Shells and Hose Types:



R42, R42TC, R42ST

ParLock Hose and Fittings Pressure Ratings

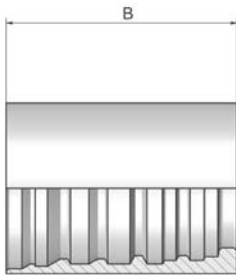
Fitting end connection	Description	Metric tube size in mm									
		Maximum working pressure (MPa) – safety factor 4:1									
		4	5	6	8	10	12	16	20	24	32
EA, EC	BSP swivel female	63.0		55.0	43.0	37.5	35.0	28.0	25.0	21.0	21.0
D9	BSP male	63.0		55.0	43.0		35.0	28.0	25.0	21.0	21.0
06/68,37/3V, 39/3W	SAE (JIC) 37° swivel female	41.0	41.0	34.5	34.5	34.5	34.5	27.5	20.0	17.0	17.0
15, 17, 19	SAE flange Code 61				34.5	34.5	34.5	34.5	27.5	21.0	21.0
4A, 4N, 4F	SAE flange 5000 psi								34.5	34.5	34.5
6A, 6F, 6N	SAE flange Code 62 6000 psi				41.0		41.0	41.0	41.0	41.0	41.0

Fitting end connection	Description	Metric tube size in mm • Heavy series – S									
		Maximum working pressure (MPa) – safety factor 4:1									
		6	8	10	12	14	16	20	25	30	38
C9, 0C, 1C	Swivel female DIN 20066:2002-10 with O-ring, Form P	63.0	63.0	63.0	63.0	63.0	42.0	42.0	42.0	42.0	42.0
D2	Male stud	63.0	63.0	63.0	63.0	63.0	42.0	42.0	42.0	42.0	42.0

Hose size DN	Working Pressure MPa (safety factor 4:1)								Temperature Range °C	Reinforcement	EN	ISO	SAE
	-6 10	-8 12	-10 16	-12 20	-16 25	-20 32	-24 40	-32 50					
R42	08	10	12	16	22	29	35	46	-40/+125	4/6 spiral, wire		3882-1-R15	
R42TC									-40/+125	4/6 spiral, wire	EN 856-4SH	3882-1-4SH	
R42ST									-40/+100	4/6 spiral, wire		3882-1-R15	

V6 – ParLock Shells

for hoses R42, R42TC, R42ST

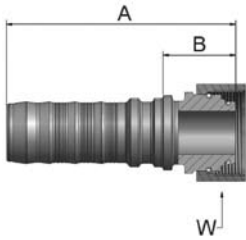


XXXX-XX-XX Part Number	Hose I.D.				B
	DN	Inch	Size	mm	mm
100V6-20C	32	1-1/4	-20	31,8	90
100V6-24C	40	1-1/2	-24	38,1	96
100V6-32C	50	2	-32	50,8	110

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

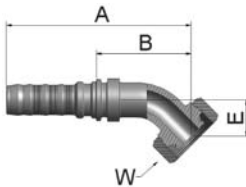
For crimping dimensions please refer to www.parker.com/euro_hpd Section: Division Literature/Technical/Service
Information about standard products or non-standard products can be found in the current price list.
Dimensions shown may be changed at any time without prior notice.

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



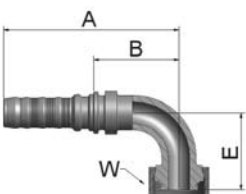
XXXXX-XX-XX Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	W mm
	DN	Inch	Size	mm					
KC9V6-30-20C	32	1 1/4	-20	31,8	M42x2	30	131	41	50
KC9V6-38-20C	32	1 1/4	-20	31,8	M52x2	38	135	44	60
KC9V6-38-24C	40	1 1/2	-24	38,1	M52x2	38	139	43	60

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



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

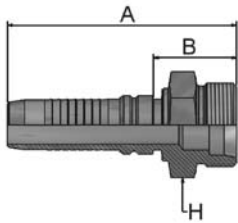
1C – Female Metric 24° – Heavy Series with O-ring – Swivel – 90° Elbow
ISO 12151-2-SWE-S – DKOS 90°



XXXXX-XX-XX Part Number	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm						
K1CV6-30-20C	32	1 1/4	-20	31,8	M42x2	30	169	78	69	50
K1CV6-38-20C	32	1 1/4	-20	31,8	M52x2	38	177	86	78	60
K1CV6-38-24C	40	1 1/2	-24	38,1	M52x2	38	209	113	101	60

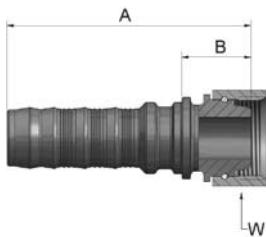
For crimping dimensions please refer to www.parker.com/euro_hpd Section: Division Literature/Technical/Service
Information about standard products or non-standard products can be found in the current price list.
Dimensions shown may be changed at any time without prior notice.

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



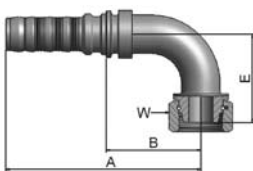
Part Number XXXX-YY-ZZ	Hose I.D.				Thread metric	Tube O.D. mm	A mm	B mm	W mm
	DN	Inch	Size	mm					
KD2V6-30-20C	32	1 1/4	-20	31,8	M42x2	30	137	46	46
KD2V6-38-20C	32	1 1/4	-20	31,8	M52x2	38	142	51	55
KD2V6-38-24C	40	1 1/2	-24	38,1	M52x2	38	147	51	55

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



Part Number XXXX-YY-ZZ	Hose I.D.				Thread BSP	A mm	B mm	W mm
	DN	Inch	Size	mm				
KEAV6-20-20C	32	1 1/4	-20	31,8	1-1/4x11	127	36	50
KEAV6-24-24C	40	1 1/2	-24	38,1	1-1/2x11	134	38	55
KEAV6-32-32C	50	2	-32	50,8	2x11	151	41	70

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

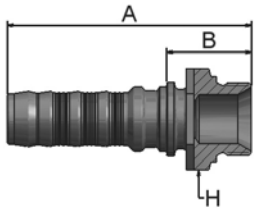


Part Number XXXX-YY-ZZ	Hose I.D.				Thread BSP	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm					
KECV6-20-20C	32	1 1/4	-20	31,8	1-1/4x11	177	86	80	50
KECV6-24-24C	40	1 1/2	-24	38,1	1-1/2x11	209	113	103	55
KECV6-32-32C	50	2	-32	50,8	2x11	268	157	149	70

For crimping dimensions please refer to www.parker.com/euro_hpd Section: Division Literature/Technical/Service
Information about standard products or non-standard products can be found in the current price list.
Dimensions shown may be changed at any time without prior notice.

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

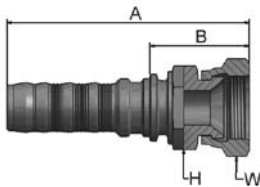
BS5200 – AGR



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

06 – Female JIC 37° Swivel – Straight

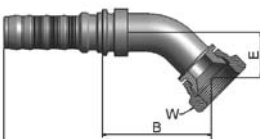
ISO 12151-5-SWS – DKJ



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

37 – Female JIC 37° – Swivel – 45° Elbow

ISO 12151-5-SWE45 – DKJ 45°

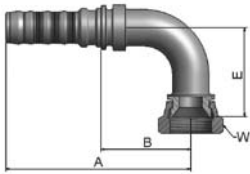


XXXXX-XX-YY Part Number	Hose I.D.				Thread UNF	Tube O.D. mm	A mm	B mm	E mm	W mm
	DN	Inch	Size	mm						
K37V6-20-20C	32	1 1/4	-20	31,8	1-5/8x12	30	192	101	42	55
K37V6-24-24C	40	1 1/2	-24	38,1	1-7/8x12	38	235	139	58	60
K37V6-32-32C	50	2	-32	50,8	2-1/2x12	38	290	180	72	75

For crimping dimensions please refer to www.parker.com/euro_hpd Section: Division Literature/Technical/Service
Information about standard products or non-standard products can be found in the current price list.
Dimensions shown may be changed at any time without prior notice.

39 – Female JIC 37° – Swivel – 90° Elbow

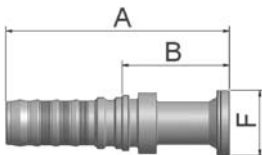
ISO 12151-5-SWES – DKJ 90°



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

4A – SAE Code 61 – Flange Head – Straight (5000 psi)

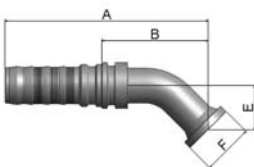
ISO 12151-3-SL – SFL



Part Number XXXXX-YY-ZZ	Hose I.D.				Flange Size	A mm	B mm	F mm
	DN	Inch	Size	mm				
K4AV6-20-20C	32	1 1/4	-20	31,8	1 1/4"	167	76	51
K4AV6-24-20C	32	1 1/4	-20	31,8	1 1/2"	130	39	60
K4AV6-24-24C	40	1 1/2	-24	38,1	1 1/2"	201	105	60
K4AV6-32-24C	40	1 1/2	-24	38,1	2"	159	63	71

4F – SAE Code 61 – Flange Head 45° Elbow – 45° Elbow (5000 psi)

ISO 12151-3-E45S-L – SFL 45°

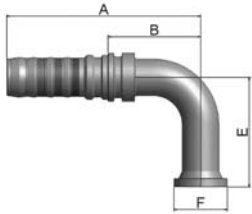


Part Number XXXXX-YY-ZZ	Hose I.D.				Flange Size	A mm	B mm	E mm	F mm
	DN	Inch	Size	mm					
K4FV6-20-20C	32	1 1/4	-20	31,8	1 1/4"	188	97	38	51
K4FV6-24-20C	32	1 1/4	-20	31,8	1 1/2"	188	97	38	60
K4FV6-24-24C	40	1 1/2	-24	38,1	1 1/2"	221	125	44	60
K4FV6-32-24C	40	1 1/2	-24	38,1	2"	221	125	44	71

For crimping dimensions please refer to www.parker.com/euro_hpd Section: Division Literature/Technical/Service
Information about standard products or non-standard products can be found in the current price list.
Dimensions shown may be changed at any time without prior notice.

4N – SAE Code 61 – Flange Head – 90° Elbow (5000 psi)

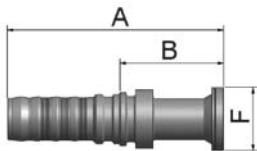
ISO 12151-3-E90ML – SFL 90°



Part Number	Hose I.D.				Flange Size	A mm	B mm	E mm	F mm
	DN	Inch	Size	mm					
K4NV6-20-20C	32	1 1/4	-20	31,8	1 1/4"	177	86	90	51
K4NV6-24-20C	32	1 1/4	-20	31,8	1 1/2"	177	86	90	60
K4NV6-24-24C	40	1 1/2	-24	38,1	1 1/2"	209	113	104	60
K4NV6-32-24C	40	1 1/2	-24	38,1	2"	209	113	104	71

6A – SAE Code 62 – Flange – Straight

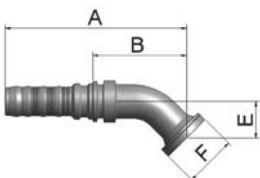
ISO 12151-3-S-S – SFS – 6000 psi



Part Number	Hose I.D.				Flange Size	A mm	B mm	F mm
	DN	Inch	Size	mm				
K6AV6-20-20C	32	1 1/4	-20	31,8	1 1/4"	175	83	54
K6AV6-24-20C	32	1 1/4	-20	31,8	1 1/2"	147	56	64
K6AV6-24-24C	40	1 1/2	-24	38,1	1 1/2"	202	106	64
K6AV6-32-24C	40	1 1/2	-24	38,1	2"	164	68	79

6F – SAE Flange 45° Elbow – Heavy Series

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

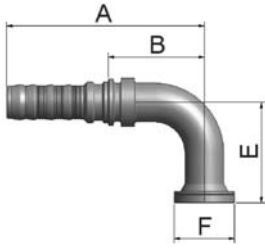


Part Number	Hose I.D.				Flange Size	A mm	B mm	E mm	F mm
	DN	Inch	Size	mm					
K6FV6-20-20C	32	1 1/4	-20	31,8	1 1/4"	189	97	38	54
K6FV6-24-20C	32	1 1/4	-20	31,8	1 1/2"	189	97	38	64
K6FV6-24-24C	40	1 1/2	-24	38,1	1 1/2"	221	125	44	64
K6FV6-32-24C	40	1 1/2	-24	38,1	2"	221	125	44	79

For crimping dimensions please refer to www.parker.com/euro_hpd Section: Division Literature/Technical/Service
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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	B	E	F
	DN	Inch	Size	mm					
K6NV6-20-20C	32	1 1/4	-20	31,8	1 1/4"	177	86	90	54
K6NV6-24-20C	32	1 1/4	-20	31,8	1 1/2"	177	86	90	64
K6NV6-24-24C	40	1 1/2	-24	38,1	1 1/2"	210	113	104	64
K6NV6-32-24C	40	1 1/2	-24	38,1	2"	209	113	104	79

For crimping dimensions please refer to www.parker.com/euro_hpd Section: Division Literature/Technical/Service
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aerospace
climate control
electromechanical
filtration
fluid & gas handling
hydraulics
pneumatics
process control
sealing & shielding



Hydraulic Hose Fittings in Stainless Steel

Machines, Tooling, Accessories



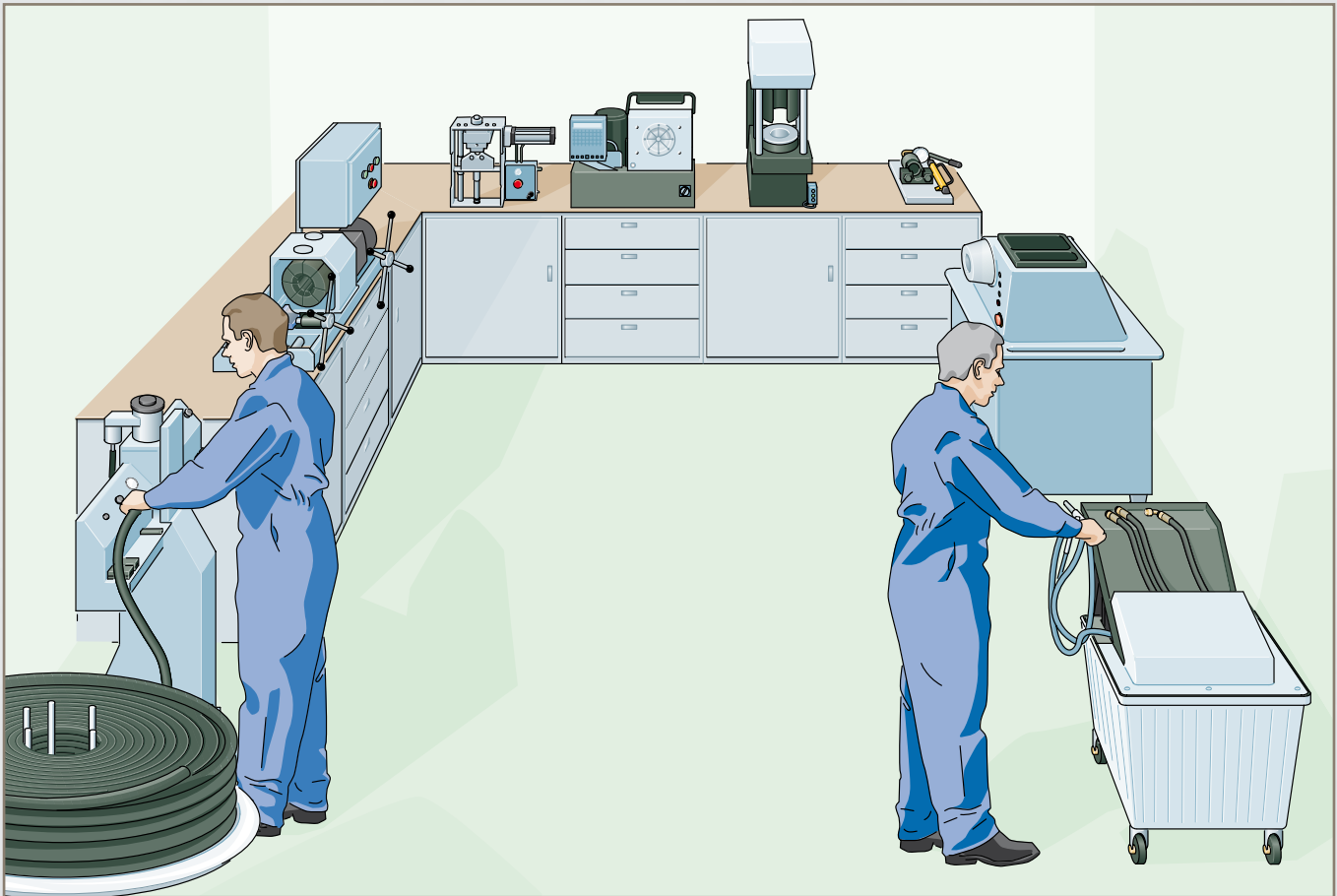
ENGINEERING YOUR SUCCESS.

Hydraulic Hose Assembly Workshop Equipment

– meeting the demands of professional hose assembly manufacture

Hose assemblies must be manufactured in conformity with all the relevant EN/ISO standards and with the requirements of various work safety and trade associations.

Hose Products Division Europe has selected and developed a complete range of machines and tooling to ensure effective and safe production of hose assemblies. This can be achieved only when equipment designed for the purpose is used.



The programme includes the right tools for cutting hoses and for the crimping, marking and cleaning of hose assemblies; also, last but not least, appropriate hose assembly testing equipment, all of which allow production of ready-to-install Parkrimp No-Skive and ParLock hose assemblies.

Workshop Equipment

– for cutting, marking and cleaning



Hose Cut-Off Machine

TH3-14

- Cuts one and two steel wire or textile braided hoses up to size -32
- four steel wire multispiral hoses up to size -32
- six steel wire multispiral hoses up to size -20
- Very safe operation
- "Open throat" hatch for inserting the hose from the front
- Pre-selection of three different cutting speeds to avoid overheating of the blade
- Variable cutting stroke



Hose Cut-Off Machine

TH3-3

- Cuts one and two steel wire or textile braided hoses up to size -32
- four steel wire multispiral hoses up to size -32
- six steel wire multispiral hoses up to size -20
- Blade covered during use

Hose Assembly Test Bench

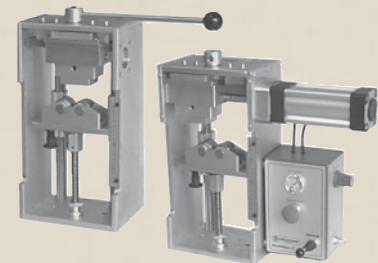
TH5-3

- Pressure test bench up to 145.0 MPa (1450 bar)
- Totally sealed test chamber
- Safety interlock – pressure automatically decreases within 1/10 sec. when the test chamber is opened
- Rapid fill and automatic air bleeding of the test piece
- Weight compensated protection cover with safety windows
- Bio-degradable water-oil emulsion as test medium
- Simple operation



Marking Machines

TH 4-7, TH4-8



- Manual or pneumatically driven
- Suitable for marking all one- and two-piece fittings series up to size -32



Cleaning Machine

TH6-6

- Cleaning device for hose and hose assemblies for hoses up to size -20
- Ensures a degree of cleanliness up to oil purity class 17/14 according ISO 4406
- Air connection min. 0.7 MPa required

Hose Reel

TH7-12

- Seven stage reel for hoses size -4 to -20
- Every stage (except bottom stage) can be swung out horizontally so that a new roll can easily be inserted



Further machine tools please find in our CAT/0097/UK

Parkrimp® *No-Skive*

The system for fast and leak-free assemblies

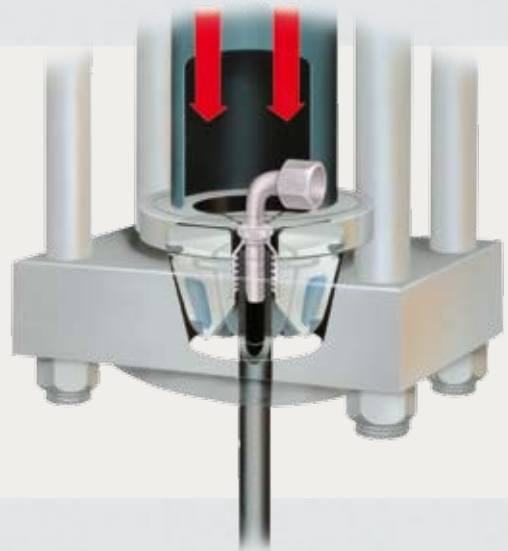
Hose fittings have an impact on the overall efficiency and safety of a hydraulic system.

The No-Skive concept was launched by Parker Hannifin some 30 years ago but

continuous development and the use of modern materials and production techniques have resulted in a state-of-the-art hose to fitting connection. Much easier handling and a high level of safety

are available with No-Skive crimp fittings. Parker offers No-Skive fittings in one and two pieces as part of a package consisting of quality hose, No-Skive fittings, hose crimpers and tooling.

Parkrimp *No-Skive* one-piece fittings



Parkrimp® No-Skive

- No skiving tool needed
- No need to remove the cover
- Crimps one-piece fittings
- Parkalign positions the fittings in the die perfectly every time
- Quick and easy: no gauges to set on the machine
- Portable machines for field repair
- Meets EN safety regulations

Parkrimp crimpers for *No-Skive* one-piece fittings



KarryKrimp® 2



Parkrimp 2®



PHastkrimp®

ParLock Hose and Fittings

The high-performance skiving system

Certain customers and applications stipulate the usage of multi-spiral hose assemblies with external/internal skive-type fittings. With the ParLock hose and fitting range, Parker meets this demanding market requirement.

Parker adjustable crimpers for two-piece fittings ensure precise, leak-free and tear-proof assembly of hose and fitting.

- High flex-impulse applications
- High vibration applications

- The ParLock design is approved by the German Accident Prevention & Insurance Association (Berufsgenossenschaft) conforming to EN 201 (approved for injection-moulding machine applications)

ParLock two-piece skive fittings



Hose skiving machine TH2-13-3PH

The ParLock System

- A full range of multi-spiral hoses to ISO 3862 (4SP to R15)
- Field-tested, proven reliability
- Hose and fitting combinations giving performance that exceeds ISO/EN requirements
- Approved hose and fitting compatibility "one manufacturer, one source"

Adjustable crimpers for two-piece ParLock skive fittings



TH8E-530



TH8E-380-BM



TH8-800-BM

Protected hose assemblies live longer

In places where the hose assembly is exposed to severe mechanical strain, additional hose protectors such as guards, sleeves etc. have proven to be a good solution. The spring guards or armor guards, for example, prevent kinking of the hose and are the ideal protection against extreme abrasion or possible damage from the outside. Before the fitting is crimped to the hose, the guard needs to be pushed onto the hose – so please remember to order the guards together with your order of hose assembly components.

For some applications it is an advantage to bundle hose assemblies with plastic hose protector coils or sleeves so that they make compact units. For this purpose we recommend using PolyGuard protectors, ParKoil hose protectors and Partek Wraps. Partek Wraps hose sleeves are designed for bundling hose assemblies after installation.

Parker offers a broad range of accessories (hose guards and sleeves) to support your application. Details please find in CAT/4400/UK.



Spring Guard & Armour Guard (SG & AG)

Parker spring guard and armour guard are two products that prolong the life of your hose lines that are exposed to rugged operating conditions. They distribute bending radii to avoid kinking in hose lines and protect hose from abrasion and deep cuts. Guards are constructed of steel wire and plated to resist rust. See page **Eb-9** and **Eb-10** in CAT/4400/UK



PolyGuard & Parkoil (HG & PG)

Protect and bundle your hoses with these spiral guards that minimize kinking and cannot rust. Both the PolyGuard and Parkoil install without removing the hose. See page **Eb-14** and **Eb-15** in CAT/4400/UK



Partek (AS & PS)

Nylon woven protective sleeving gives you tough hose abrasion resistance with two versions of coverage – standard “AS” and a lighter “PS” – both providing protection and bundling capability.

See page **Eb-11** and **Eb-12** in CAT/4400/UK



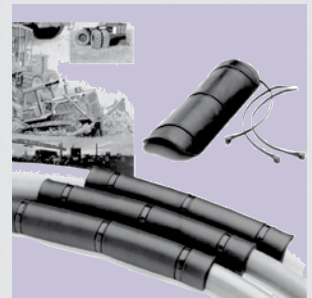
Firesleeve (FS-F)

A flame-resistant sheath that protects your hose from extremely high temperature conditions. See page **Eb-13** in CAT/4400/UK



Partek Wrap (PS-BV)

The need for a protective hose sleeve is not always considered while designing for a hose's application. Many hose assembly installations would benefit from a sleeve, but it is not obvious until all the other hoses and components are in place. Partek Wrap enables the hose sleeve to be installed after the hose assemblies have been positioned and secured in place. The Partek Wrap can be used as extra abrasion protection or to wrap multiple hoses or cables together. See page **Eb-16** in CAT/4400/UK



Hose Shields (HP-B)

Hose protection shields extend hose life by protecting the hose from abrasion that occurs when hose rubs against other hose, metal or concrete. Parker hose shields are resistant to oil, lubricants, gasoline, most solvents and can withstand ambient temperatures from -40 °C to +150 °C. Easily installed and secured by cable ties without disconnecting any hose lines. See page **Eb-17** in CAT/4400/UK

Part Number	page	Part Number	page	Part Number	page
10046	Cd-1	1B270	Db-3	K6FV4	Dc-6
10048	Cd-1	1C943	Cb-2	K6FV6	Dd-6
10643	Cb-4	1C947	Cd-4	K6NV4	Dc-6
10647	Cd-6	1C948	Cc-2	K6NV6	Dd-7
10648	Cc-4	1C970	Db-2	K92V4	Dc-3
10670	Db-3	1CA43	Cb-1	KB2V4	Dc-3
11543	Cb-5	1CA47	Cd-2	KC9V4	Dc-2
11547	Cd-7	1CA48	Cc-1	KC9V6	Dd-2
11548	Cc-5	1CA70	Db-1	KCAV4	Dc-2
11570	Db-4	1CE47	Cd-2	KD2V4	Dc-3
11943	Cb-5	1CF43	Cb-1	KD2V6	Dd-3
11947	Cd-7	1CF47	Cd-3	KD9V4	Dc-4
11948	Cc-5	1CF48	Cc-1	KD9V6	Dd-4
11970	Db-4	1CF70	Db-1	KEAV6	Dd-3
13943	Cb-5	1D043	Cb-2	KECV6	Dd-3
13947	Cd-6	1D047	Cd-3		
13948	Cc-5	1D048	Cc-2		
13970	Db-4	1D070	Db-1		
16847	Cd-6	1D243	Cb-3		
16870	Db-3	1D247	Cd-5		
19243	Cb-4	1D248	Cc-3		
19247	Cd-5	1D270	Db-2		
19248	Cc-4	31D82	B1b-2		
19270	Db-3	33W82	B1b-5		
30182	B1b-4	3B182	B1b-3		
30682	B1b-5	3B282	B1b-3		
33982	B1b-5	3C382	B1b-1		
36882	B1b-5	3C482	B1b-1		
39182	B1b-4	3C582	B1b-1		
39282	B1b-3	3CF82	B1b-2		
100V4	Dc-1	3D082	B1b-2		
100V6	Dd-1	3D982	B1b-4		
10C47	Cd-4	3YW82	B1b-5		
11C43	Cb-3	K06V4	Dc-4		
11C47	Cd-4	K06V6	Dd-4		
11C48	Cc-3	K0CV6	Dd-2		
11C70	Db-2	K1CV4	Dc-2		
13W47	Cd-6	K1CV6	Dd-2		
13W70	Db-4	K37V6	Dd-4		
16A43	Cb-6	K39V4	Dc-4		
16A48	Cc-6	K39V6	Dd-5		
16A70	Db-5	K4AV4	Dc-5		
16N43	Cb-6	K4AV6	Dd-5		
16N48	Cc-6	K4FV4	Dc-5		
16N70	Db-5	K4FV6	Dd-5		
1B147	Cd-5	K4NV4	Dc-5		
1B243	Cb-4	K4NV6	Dd-6		
1B247	Cd-6	K6AV4	Dc-6		
1B248	Cc-4	K6AV6	Dd-6		

Parker's Motion & Control Technologies

At Parker, we're guided by a relentless drive to help our customers become more productive and achieve higher levels of profitability by engineering the best systems for their requirements. It means looking at customer applications from many angles to find new ways to create value. Whatever the motion and control technology need, Parker has the experience, breadth of product and global reach to consistently deliver. No company knows more about motion and control technology than Parker. For further information call free on 00800 27 27 5374.



AEROSPACE

Key Markets

- Aircraft engines
- Business & general aviation
- Commercial transports
- Land-based weapons systems
- Military aircraft
- Missiles & launch vehicles
- Regional transports
- Unmanned aerial vehicles

Key Products

- Flight control systems & components
- Fluid conveyance systems
- Fluid metering delivery & atomization devices
- Fuel systems & components
- Hydraulic systems & components
- Inert nitrogen generating systems
- Pneumatic systems & components
- Wheels & brakes



HYDRAULICS

Key Markets

- Aerospace
- Aerial lift
- Agriculture
- Construction machinery
- Forestry
- Industrial machinery
- Mining
- Oil & gas
- Power generation & energy
- Truck hydraulics

Key Products

- Diagnostic equipment
- Hydraulic cylinders & accumulators
- Hydraulic motors & pumps
- Hydraulic systems
- Hydraulic valves & controls
- Power take-offs
- Rubber & thermoplastic hose & couplings
- Tube fittings & adapters
- Quick disconnects



CLIMATE CONTROL

Key Markets

- Agriculture
- Air conditioning
- Food, beverage & dairy
- Life sciences & medical
- Precision cooling
- Processing
- Transportation

Key Products

- CO² controls
- Electronic controllers
- Filter driers
- Hand shut-off valves
- Hose & fittings
- Pressure regulating valves
- Refrigerant distributors
- Safety relief valves
- Solenoid valves
- Thermostatic expansion valves



PNEUMATICS

Key Markets

- Aerospace
- Conveyor & material handling
- Factory automation
- Life science & medical
- Machine tools
- Packaging machinery
- Transportation & automotive

Key Products

- Air preparation
- Brass fittings & valves
- Manifolds
- Pneumatic accessories
- Pneumatic actuators & grippers
- Pneumatic valves & controls
- Quick disconnects
- Rotary actuators
- Rubber & thermoplastic hose & couplings
- Structural extrusions
- Thermoplastic tubing & fittings
- Vacuum generators, cups & sensors





PROCESS CONTROL

Key Markets

- Chemical & refining
- Food, beverage & dairy
- Medical & dental
- Microelectronics
- Oil & gas
- Power generation

Key Products

- Analytical sample conditioning products & systems
- Fluoropolymer chemical delivery fittings, valves & pumps
- High purity gas delivery fittings, valves & regulators
- Instrumentation fittings, valves & regulators
- Medium pressure fittings & valves
- Process control manifolds



ELECTROMECHANICAL

Key Markets

- Aerospace
- Factory automation
- Life science & medical
- Machine tools
- Packaging machinery
- Paper machinery
- Plastics machinery & converting
- Primary metals
- Semiconductor & electronics
- Textile
- Wire & cable

Key Products

- AC/DC drives & systems
- Electric actuators
- Controllers
- Gantry robots
- Gearheads
- Human machine interfaces
- Industrial PCs
- Inverters
- Linear motors, slides and stages
- Precision stages
- Stepper motors
- Servo motors, drives & controls
- Structural extrusions



FILTRATION

Key Markets

- Food & beverage
- Industrial machinery
- Life sciences
- Marine
- Mobile equipment
- Oil & gas
- Power generation
- Process
- Transportation

Key Products

- Analytical gas generators
- Compressed air & gas filters
- Condition monitoring
- Engine air, fuel & oil filtration & systems
- Hydraulic, lubrication & coolant filters
- Process, chemical, water & microfiltration filters
- Nitrogen, hydrogen & zero air generators



SEALING & SHIELDING

Key Markets

- Aerospace
- Chemical processing
- Consumer
- Energy, oil & gas
- Fluid power
- General industrial
- Information technology
- Life sciences
- Military
- Semiconductor
- Telecommunications
- Transportation

Key Products

- Dynamic seals
- Elastomeric o-rings
- EMI shielding
- Extruded & precision-cut, fabricated elastomeric seals
- Homogeneous & inserted elastomeric shapes
- High temperature metal seals
- Metal & plastic retained composite seals
- Thermal management



FLUID & GAS HANDLING

Key Markets

- Aerospace
- Agriculture
- Bulk chemical handling
- Construction machinery
- Food & beverage
- Fuel & gas delivery
- Industrial machinery
- Mobile
- Oil & gas
- Transportation
- Welding

Key Products

- Brass fittings & valves
- Diagnostic equipment
- Fluid conveyance systems
- Industrial hose
- PTFE & PFA hose, tubing & plastic fittings
- Rubber & thermoplastic hose & couplings
- Tube fittings & adapters
- Quick disconnects

ENGINEERING YOUR SUCCESS.

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