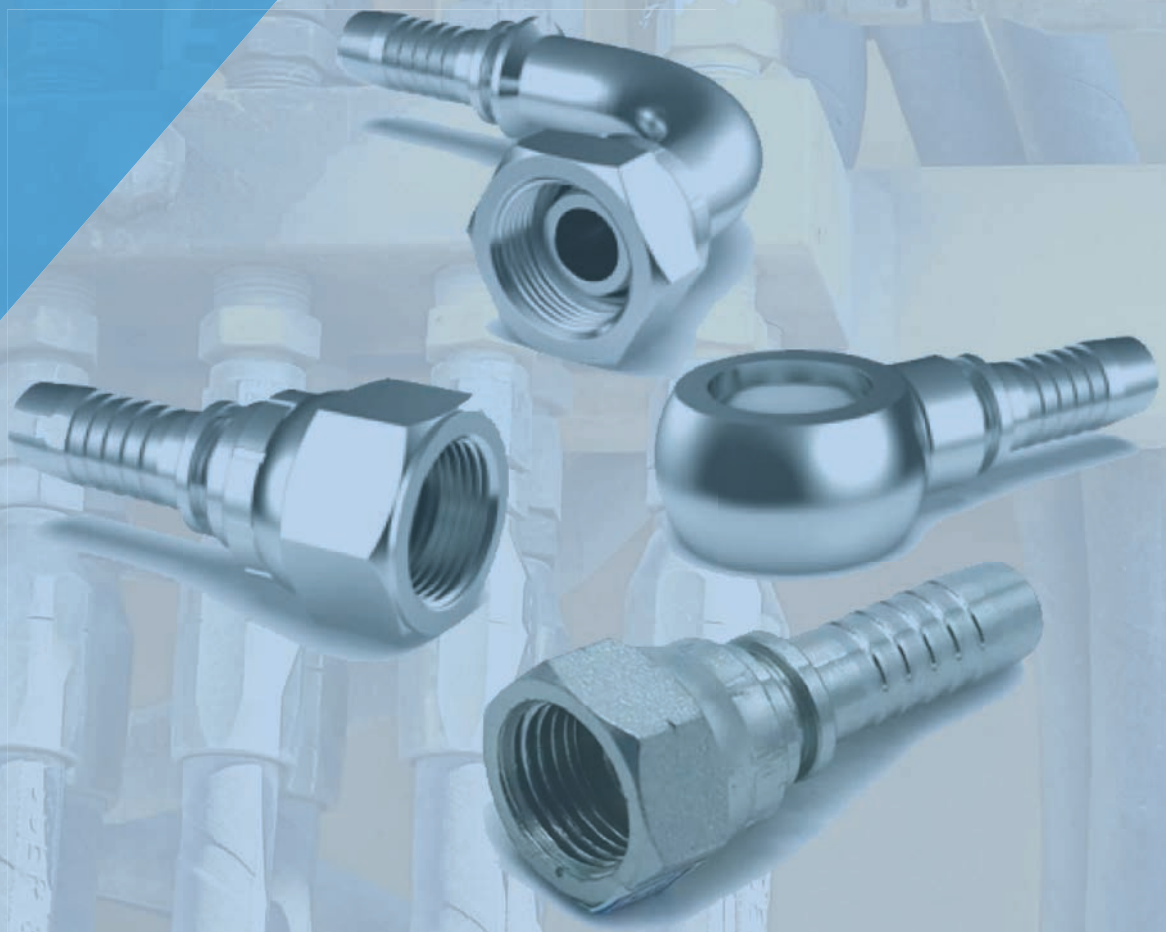
DISTAGQCS™

QUALITY COMPONENT SOLUTIONS

TWO-PIECE HOSE FITTING



VOSS & FLEXEQUIP

PARTNERS

REV-01

DISTAGQCS™
QUALITY COMPONENT SOLUTIONS

TWO-PIECE HOSE FITTINGS

INTRODUCTION

SAFETY & FLEXIBILITY WITH VOSS HOSE FITTINGS –

Hydraulic systems are only as efficient as each individual component. So VOSS Fluid places the same high demands on the quality of its hose fittings as on the rest of the range. This is true for their leakage and assembly reliability as well as their versatility and durability. The synergy between VOSS Fluid hose fittings and other VOSS coupling systems guarantees the right fit for any application.

All components and systems from VOSS are perfectly matched. Uniform values and parameters make assembly easier, more reliable and increase protection against leakage while improving the load capacity. In addition, as the standard VOSS Fluid solutions provide exemplary corrosion protection that has set the benchmark in the market and significantly increase the product service lives.

THREAD TYPES STOCKED

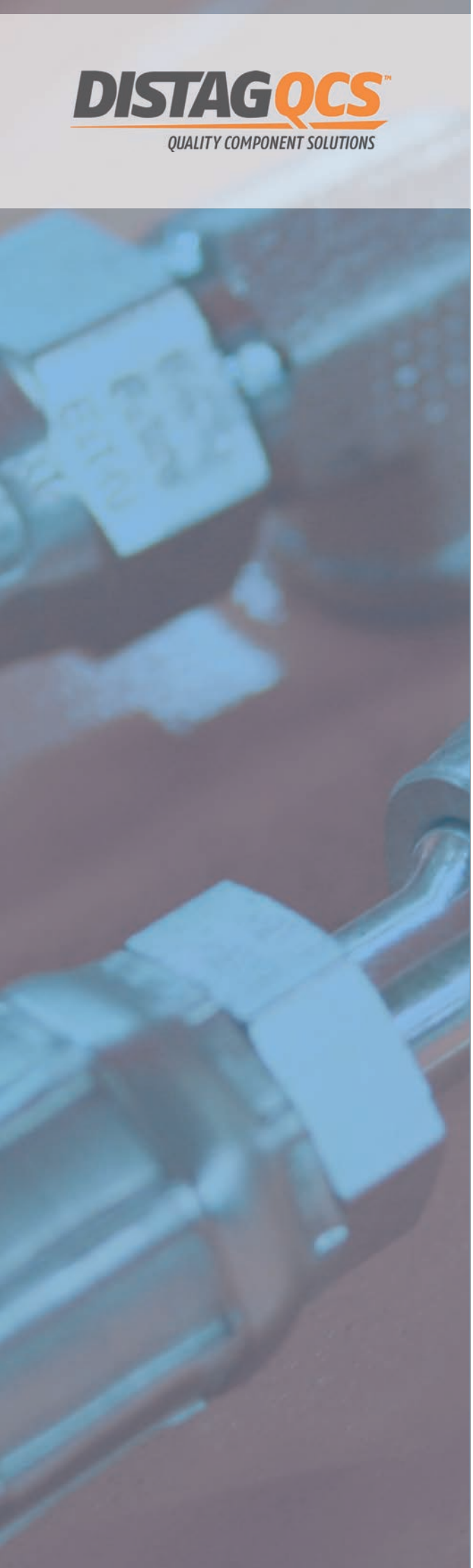
BSP JIC METRIC

ORFS TWO-PIECE BANJO FITTINGS

STANDPIPE JETWASH

VOSS

FLEXEQUIP



TWO-PIECE HOSE FITTINGS

INTRODUCTION

PRECISION

Precision-engineering solutions developed from decades of competence and expertise.

HIGHEST LEAK-PROOFING

Highest leak-proofing thanks to standardisation of system components.

ASSEMBLY

Efficient assembly reliability thanks to consistent assembly criteria.

CORROSION PROTECTION

Standard, long service life through maximum corrosion protection with zinc nickel coating.

VERSATILITY

Versatility with multi-variant product solutions.

INDEX

FERRULES	B1-1
BSP FITTINGS	B1-4
BANJO BOLT BSP & METRIC	B1-11
JIC FITTINGS	B1-13
METRIC FITTINGS	B1-15
STANDPIPE FITTINGS	B1-21
ORFS FITTINGS	B1-23
JETWASH FITTINGS	B1-25
SAE FITTINGS	B1-26
CAT FLANGE FITTINGS	B1-30

VOSS & FLEXEQUIP FERRULES AVAILABLE FOR 3/16" UP TO 2" HOSE.
Skive and No-skive Ferrules available for different types of hose application.

FEATURES

- Precision-engineered solutions made from decades of expertise and know-how.
- Perfect alignment between fittings and couplings.
- Standard durability thanks to maximum corrosion-protection with a zinc-nickel base.

*NOTE

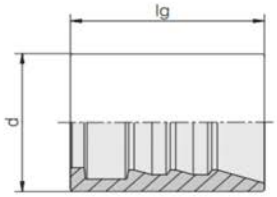
- Always ensure to push the ferrule onto the hose until it fully bottoms.
- Lubricate the insert with light oil and push into the hose.
- Check that tube is correctly placed before Swaging.

VOSS

PF11-

EN853-1ST/1SN & EN857-1SC/2SC HOSES SKIVE

PF 11 — EN853-1ST/1SN & EN857-1SC/2SC Hoses Skive



Part No.	Hose Bore Ins.	Hose Bore mm	Dimensions lg	Dimensions d	Box Qty.	VOSS Designation
PF 11 05	3/16"	5	26	17	150	HF-FER/PF11-DN05-OS
PF 11 06	1/4"	6	31	20	150	HF-FER/PF11-DN06-OS
PF 11 08	5/16"	8	31	21	150	HF-FER/PF11-DN08-OS
PF 11 10	3/8"	10	31	24	200	HF-FER/PF11-DN10-OS
PF 11 13	1/2"	13	35	28	150	HF-FER/PF11-DN12-OS
PF 11 16	5/8	16	36	31	125	HF-FER/PF11-DN16-OS
PF 11 19	3/4"	19	43	35	80	HF-FER/PF11-DN19-OS
PF 11 25	1"	25	51	42	50	HF-FER/PF11-DN25-OS
PF 11 32	1.1/4"	32	59	52	15	HF-FER/PF11-DN32-OS
PF 11 38	1.1/2"	38	63	58	10	HF-FER/PF11-DN38-OS
PF 11 50	2"	50	70	71	10	HF-FER/PF11-DN50-OS

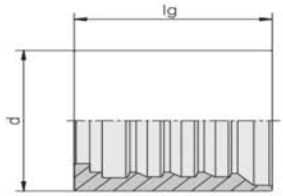
AVAILABLE IN STAINLESS STEEL

VOSS

PF12-

EN853-2ST/2SN & EN856-4SP/R12 HOSES SKIVE

PF 12 — EN853-2ST/2SN & EN856-4SP/R12 Hoses Skive



Part No.	Hose Bore Ins.	Hose Bore mm	Dimensions lg	Dimensions d	Box Qty.	VOSS Designation
PF 12 05	3/16"	5	26	21	150	HF-FER/PF12-DN05-OS
PF 12 06	1/4"	6	30	22	150	HF-FER/PF12-DN06-OS
PF 12 08	5/16"	8	30	23	150	HF-FER/PF12-DN08-OS
PF 12 10	3/8"	10	31	26	200	HF-FER/PF12-DN10-OS
PF 12 13	1/2"	13	32	30	150	HF-FER/PF12-DN13-OS
PF 12 16	5/8"	16	38	33	125	HF-FER/PF12-DN16-OS
PF 12 19	3/4"	19	43	38	75	HF-FER/PF12-DN19-OS
PF 12 25	1"	25	51	46	40	HF-FER/PF12-DN25-OS
PF 12 32	1.1/4"	32	58	57	10	HF-FER/PF12-DN32-OS
PF 12 38	1.1/2"	38	62	65	10	HF-FER/PF12-DN38-OS
PF 12 50	2"	50	74	79	10	HF-FER/PF12-DN51-OS

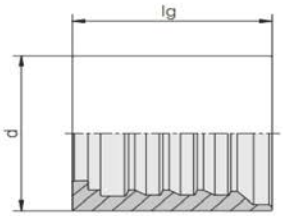
AVAILABLE IN STAINLESS STEEL

VOSS

PF13-

EN853-2ST/2SN & EN856-4SP/R12 HOSES – SKIVE

PF 13 — EN853-2ST/2SN & EN856-4SP/R12 Hoses Skive



Part No.	Hose Bore Ins.	Hose Bore mm	Dimensions lg	Dimensions d	Box Qty.	VOSS Designation
PF 13 16	5/8"	16	33	38	125	HF-FER/PF13-DN16-OS
PF 13 19	3/4"	19	38	43	75	HF-FER/PF13-DN19-OS
PF 13 25	1"	25	46	51	40	HF-FER/PF13-DN25-OS

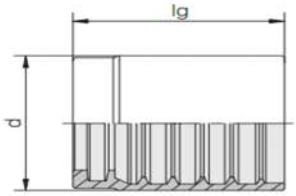
AVAILABLE IN STAINLESS STEEL

FLEXEQUIP

PF15-

EN857-1SC/2SN & EN853-1SC HOSES – NO SKIVE

PF 15 — EN857-1SC/2SC & EN853 1SN Hoses - No Skive



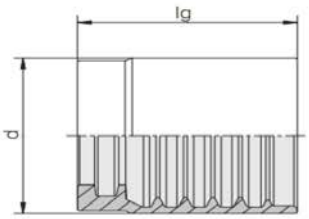
Part No.	Hose Bore Ins.	Hose Bore mm	Dimensions lg	Dimensions d	Box Qty.	VOSS Designation
PF 15 06	1/4"	6	30	20	150	HF-FER/PF15-DN06-OS
PF 15 08	5/16"	8	30	22	150	HF-FER/PF15-DN08-OS
PF 15 10	3/8"	10	31	24	200	HF-FER/PF15-DN10-OS
PF 15 13	1/2"	13	32	28	150	HF-FER/PF15-DN13-OS
PF 15 16	5/8"	16	36	31	125	HF-FER/PF15-DN16-OS
PF 15 19	3/4"	19	43	35	75	HF-FER/PF15-DN19-OS
PF 15 25	1"	25	51	43	40	HF-FER/PF15-DN25-OS

VOSS

PF22-

EN853-1SN/2SN & R1AT/R2T HOSES – NO SKIVE

PF 22 — EN853-1SN/2SN & R1AT/R2T Hoses - No Skive



Part No.	Hose Bore Ins.	Hose Bore mm	Dimensions lg	Dimensions d	Box Qty.	VOSS Designation
PF 22 05	3/16"	5	24	21	150	HF-FER/PF22-DN05-OS
PF 22 06	1/4"	6	30	23	150	HF-FER/PF22-DN06-OS
PF 22 08	5/16"	8	30	24	150	HF-FER/PF22-DN08-OS
PF 22 10	3/8"	10	31	26	200	HF-FER/PF22-DN10-OS
PF 22 13	1/2"	13	32	29	175	HF-FER/PF22-DN13-OS
PF 22 16	5/8"	16	36	33	125	HF-FER/PF22-DN16-OS
PF 22 19	3/4"	19	43	37	75	HF-FER/PF22-DN19-OS
PF 22 25	1"	25	51	46	40	HF-FER/PF22-DN25-OS
PF 22 32	1.1/4"	32	58	59	10	HF-FER/PF22-DN32-OS
PF 22 38	1.1/2"	40	61	67	10	HF-FER/PF22-DN38-OS
PF 22 50	2"	50	74	80	10	HF-FER/PF22-DN51-OS

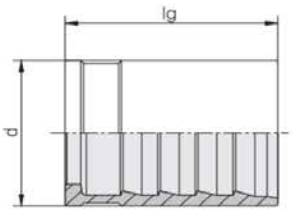
AVAILABLE IN STAINLESS STEEL

VOSS

PF23-

THERMOPLASTIC EN855-R7 & R8 HOSES – NO SKIVE

PF 23 — THERMOPLASTIC EN855-R7 & R8 Hoses - No Skive



Part No.	Hose Bore Ins.	Hose Bore mm	Dimensions lg	Dimensions d	Box Qty.	VOSS Designation
PF 23 05	3/16"	5	27	14	200	HF-FER/PF23-DN05-OS
PF 23 06	1/4"	6	31	18	200	HF-FER/PF23-DN06-OS
PF 23 08	5/16"	8	32	19	200	HF-FER/PF23-DN08-OS
PF 23 10	3/8"	10	33	22	200	HF-FER/PF23-DN10-OS
PF 23 13	1/2"	13	34	26	200	HF-FER/PF23-DN13-OS

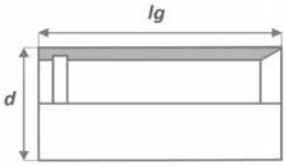
AVAILABLE IN STAINLESS STEEL

FLEXEQUIP

PTC-

PTFE CONVOLUTED TAPE WRAPPED & EXTRUDED

PTC — PTFE CONVOLUTED TAPE WRAPPED & EXTRUDED



Part No.	Hose Bore Ins.	Hose Bore mm	Dimensions lg	Dimensions d	Box Qty.	VOSS Designation
PTC 06	1/4"	6	27	17	500	
PTC 10	3/8"	10	31	19	125	
PTC 13	1/2"	13	33	23	250	
PTC 16	5/8"	16	35	28	200	
PTC 19	3/4"	19	41	31	150	
PTC 25	1"	25	47	38	100	
PTC 32	1.1/4"	32	53	49	50	
PTC 38	1.1/2"	38	59	54	40	
PTC 50	2"	50	72	68	15	

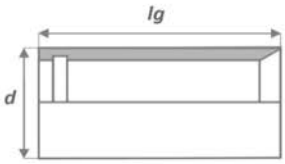
AVAILABLE IN STAINLESS STEEL

FLEXEQUIP

PTCE-

PTFE CONVOLUTED EXTRUDED

PTCE — PTFE CONVOLUTED EXTRUDED



Part No.	Hose Bore Ins.	Hose Bore mm	Dimensions lg	Dimensions d	Box Qty.	VOSS Designation
PTCE 32	1.1/4"	32	56	50	50	
PTCE 38	1.1/2"	38	59	57	40	
PTCE 50	2"	50	72	67	15	

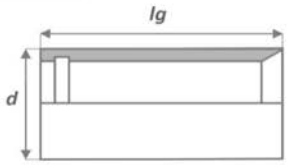
AVAILABLE IN STAINLESS STEEL

FLEXEQUIP

PTTB-

PTFE SMOOTH BORE

PTTB — PTFE SMOOTH BORE



Part No.	Hose Bore Ins.	Hose Bore mm	Dimensions lg	Dimensions d	Box Qty.	VOSS Designation
PTTB 06	1/4"	6	27	16	500	
PTTB 10	3/8"	10	30	19	500	
PTTB 13	1/2"	13	32	24	250	
PTTB 16	5/8"	16	35	27	250	
PTTB 19	3/4"	19	40	30	150	
PTTB 25	1"	25	47	37	100	

AVAILABLE IN STAINLESS STEEL

DKR TYPE BSP FITTINGS

VOSS

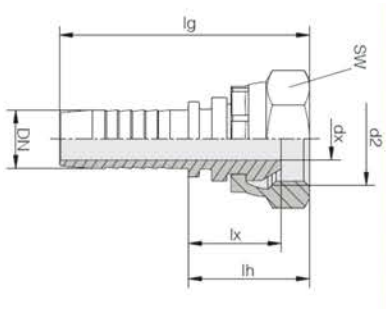
DKR are the most common type of Female fitting used in UK & Ireland.

- Hose fittings with BSP thread and 60° taper.
- ISO 12151-6 (ISO 8434-6).
- Ideal for use in agricultural and standard hydraulic applications.

VOSS

DKR-
TYPE BSP FITTINGS

DKR BSP FEMALES 60° CONE



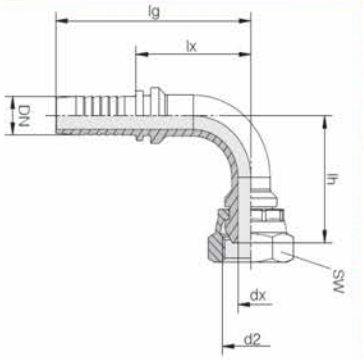
Part No.	Thread d2	Hose Bore Ins.	Hose Bore DN (mm)	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	Nut AF SW	VOSS Designation
DKR 02 05	G 1/8	3/16	5	42	20	16	3	14	HF/60-SWS-5-DN05
DKR 02 06	G 1/8	1/4	6	48	20	16	3	14	HF/60-SWS-5-DN06
DKR 04 06	G 1/4	1/4	6	50	22	17	4	19	HF/60-SWS-8-DN06
DKR 04 08	G 1/4	5/16	8	50	22	17	6	19	HF/60-SWS-8-DN08
DKR 06 06	G 3/8	1/4	6	53	25	19	4	22	HF/60-SWS-10-DN06
DKR 06 08	G 3/8	5/16	8	53	25	19	6	22	HF/60-SWS-10-DN08
DKR 06 10	G 3/8	3/8	10	55	25	19	7	22	HF/60-SWS-10-DN10
DKR 06 13	G 3/8	1/2	12	54	25	19	7	22	HF/60-SWS-10-DN12
DKR 08 10	G 1/2	3/8	10	57	27	21	7	27	HF/60-SWS-12-DN10
DKR 08 13	G 1/2	1/2	12	58	28	22	10	27	HF/60-SWS-12-DN12
DKR 10 13	G 5/8	1/2	12	59	30	20	10	30	HF/60-SWS-16-DN12
DKR 10 16	G 5/8	5/8	16	64	30	20	13	30	HF/60-SWS-16-DN16
DKR 12 13	G 3/4	1/2	12	61	32	22	10	32	HF/60-SWS-20-DN12
DKR 12 16	G 3/4	5/8	16	66	32	23	13	32	HF/60-SWS-20-DN16
DKR 12 19	G 3/4	3/4	19	73	34	25	15	32	HF/60-SWS-20-DN19
DKR 16 19	G 1	3/4	19	79	40	29	15	38	HF/60-SWS-25-DN19
DKR 16 25	G 1	1	25	87	40	29	20	38	HF/60-SWS-25-DN25
DKR 20 32	1.1/4"	1.1/4"	32	98	43	33	26	50	HF/60-SWOS-32-DN31
DKR 24 38	1.1/2"	1.1/2"	38	105	47	34	32	55	HF/60-SWOS-38-DN38
DKR 32 50	2"	2"	50	126	54	38	42	70	HF/60-SWOS-50-DN51

AVAILABLE IN STAINLESS STEEL

VOSS

DKR 90-
TYPE BSP FITTINGS

DKR 90 90° BSP FEMALES 60° CONE



Part No.	Thread d2	Hose Bore Ins.	Hose Bore DN (mm)	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	Nut AF SW	VOSS Designation
DKR90 02 05	G 1/8	3/16	5	48	28	26	3	14	HF/60-SWE-5-DN05
DKR90 02 06	G 1/8	1/4	6	57	28	29	3	14	HF/60-SWE-5-DN06
DKR90 04 06	G 1/4	1/4	6	55	27	27	4	19	HF/60-SWE-8-DN06
DKR90 06 06	G 3/8	1/4	6	55	29	27	4	22	HF/60-SWE-10-DN06
DKR90 06 08	G 3/8	5/16	8	58	29	30	6	22	HF/60-SWE-10-DN08
DKR90 06 10	G 3/8	3/8	10	64	33	35	7	22	HF/60-SWE-10-DN10
DKR90 08 10	G 1/2	3/8	10	64	34	35	7	27	HF/60-SWE-12-DN10
DKR90 08 13	G 1/2	1/2	12	69	41	40	10	27	HF/60-SWE-12-DN12
DKR90 10 13	G 5/8	1/2	12	72	43	42	10	30	HF/60-SWE-16-DN12
DKR90 10 16	G 5/8	5/8	16	87	53	53	13	30	HF/60-SWE-16-DN16
DKR90 12 13	G 3/4	1/2	12	72	47	42	10	32	HF/60-SWE-20-DN12
DKR90 12 16	G 3/4	5/8	16	87	56	53	13	32	HF/60-SWE-20-DN16
DKR90 12 19	G 3/4	3/4	19	96	60	57	15	32	HF/60-SWE-20-DN19
DKR90 16 19	G 1	3/4	19	99	62	60	15	38	HF/60-SWE-25-DN19
DKR90 16 25	G 1	1	25	119	78	72	20	38	HF/60-SWE-25-DN25
DKR 90 20 32	1.1/4"	1.1/4"	32	151	92	96	26	50	HF/60-SWOE-32-DN31
DKR 90 24 38	1.1/2"	1.1/2"	38	176	105	118	32	55	HF/60-SWOE-38-DN38
DKR 90 32 50	2"	2"	50	217	136	144	42	70	HF/60-SWOE-50-DN51

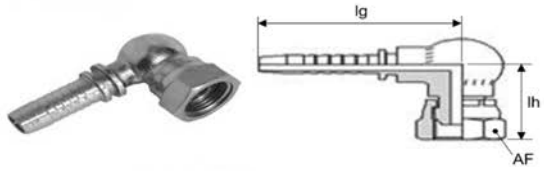
AVAILABLE IN STAINLESS STEEL

DKR TYPE BSP FITTINGS

VOSS

DKRCFB-
TYPE BSP FITTINGS

DKRCFB BSP 90° COMPACT ELBOW (Forged Ball Type)

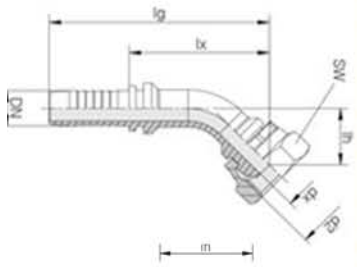


Part No.	Thread d2	Hose Bore Ins.	Hose Bore DN (mm)	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	Nut AF SW	VOSS Designation
DKRCFB 04 06	1/4"	1/4"	6	48	22	21	6	19	
DKRCFB 06 10	3/8"	3/8"	10	55	23	26	10	22	
DKRCFB 08 13	1/2"	1/2"	13	58	27	27	13	27	
DKRCFB 12 19	3/4"	3/4"	19	77	36	37	19	32	
DKRCFB 16 25	1"	1"	25	88	40	42	25	38	

VOSS

DKR 45-
TYPE BSP FITTINGS

DKR 45 45°BSP FEMALES 60° CONE



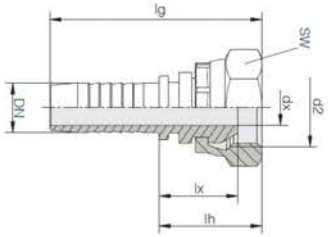
Part No.	Thread d2	Hose Bore Ins.	Hose Bore DN (mm)	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	Nut AF SW	VOSS Designation
DKR 45 02 06	1/8"	1/4"	6	63	14	35	3	14	HF/60-SWE45-5-DN06
DKR 45 04 06	1/4"	1/4"	6	61	13	33	4	19	HF/60-SWE45-8-DN06
DKR 45 06 06	3/8"	1/4"	6	62	14	34	4	22	HF/60-SWE45-10-DN06
DKR 45 06 08	3/8"	5/16"	8	64	15	36	6	22	HF/60-SWE45-10-DN08
DKR 45 06 10	3/8"	3/8"	10	70	17	40	7	22	HF/60-SWE45-10-DN10
DKR 45 08 10	1/2"	3/8"	10	71	18	41	7	27	HF/60-SWE45-12-DN10
DKR 45 08 13	1/2"	1/2"	12	79	18	49	10	27	HF/60-SWE45-12-DN12
DKR 45 10 13	5/8"	1/2"	12	81	21	51	10	30	HF/60-SWE45-16-DN12
DKR 45 10 16	5/8"	5/8"	16	96	25	62	13	30	HF/60-SWE45-16-DN16
DKR 45 12 13	3/4"	1/2"	12	84	24	54	10	32	HF/60-SWE45-20-DN12
DKR 45 12 16	3/4"	5/8"	16	98	27	64	13	32	HF/60-SWE45-20-DN16
DKR 45 12 19	3/4"	3/4"	19	109	30	70	15	32	HF/60-SWE45-20-DN19
DKR 45 16 19	1"	3/4"	19	111	32	72	15	38	HF/60-SWE45-25-DN19
DKR 45 16 25	1"	1"	25	137	35	90	20	38	HF/60-SWE45-25-DN25
DKR 45 20 32	1.1/4"	1.1/4"	32	188	50	130	32	55	HF/60-SWOE45-38-DN38
DKR 45 24 38	1.1/2"	1.1/2"	38	190	52	132	32	70	HF/60-SWOE45-50-DN38
DKR 45 32 50	2"	2"	50	232	67	159	42	70	HF/60-SWOE45-50-DN51

AVAILABLE IN STAINLESS STEEL

VOSS

DKRF-
TYPE BSP FITTINGS

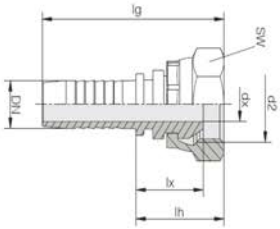
DKRF BSP FEMALE FLAT FACE



Part No.	Thread d2	Hose Bore Ins.	Hose Bore DN (mm)	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	Nut AF SW	VOSS Designation
DKRF 04 06	1/4"	1/4"	6	50	22	17	4	19	
DKRF 08 08	1/2"	5/16"	8	57	27	21	7	27	
DKRF 08 10	1/2"	3/8"	10	57	27	21	7	27	
DKRF 08 13	1/2"	12"	13	58	28	22	10	27	
DKRF 12 13	3/4"	1/2"	13	61	32	22	10	32	
DKRF 12 16	3/4"	5/8"	16	66	32	23	13	32	
DKRF 12 19	3/4"	3/4"	19	73	34	25	15	32	

DKRI-

TYPE BSP FITTINGS



Part No.	Thread d2	Hose Bore		Dimensions				Nut AF	VOSS Designation
		Ins.	DN (mm)	lg	lh	lx	dx	SW	
DKRI	BSP FEMALE 60° INVERTED CONE - JIS (JAPANESE INDUSTRIAL STANDARD)								
DKRI 04 06	1/4"	1/4"	6	50	22	17	4	19	
DKRI 06 10	3/8"	3/8"	10	64	33	35	7	22	
DKRI 08 13	1/2"	1/2"	13	58	28	22	10	27	
DKRI 12 19	3/4"	3/4"	19	73	34	25	15	32	
DKRI 16 25	1"	1"	25	87	40	29	20	38	
DKRI 20 32	1.1/4"	1.1/4"	32	98	43	33	26	50	
DKRI 24 38	1.1/2"	1.1/2"	38	105	47	34	32	55	

DKOR (O-RING) TYPE BSP FITTINGS

VOSS

Improved leak-proofing and precision seal. Higher pressure resistance and functional reliability, even under extreme operating conditions.

FEATURES

- Hose fittings with BSP thread - 60° taper & O-ring.
- ISO 12151-1 (ISO 8434-6).
- Standard O-ring is NBR.

ADVANTAGES

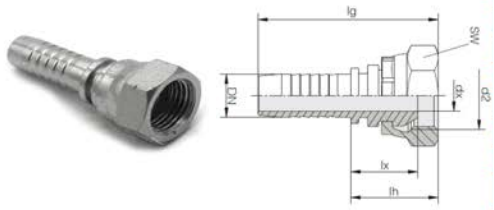
- Permanent stability thanks to metallic taper coupling on the fitting body and additional soft seal.
- Reliable over-tightening protection.
- Reduced work effort thanks to reduced tightening distances & tightening forces.
- Improved leak-proofing & precision seal.
- Higher pressure resistance & functional reliability, even under extreme operating conditions
- Easy, fast and reliable installation.
- Repeat installations can be performed frequently without any issues.

VOSS

DKOR-

DKOR O-RING TYPE BSP FITTINGS

DKOR BSP FEMALES 60° CONE WITH 'O' RING



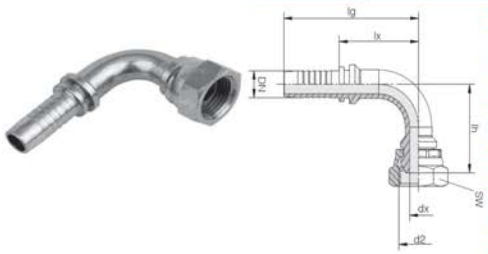
Part No.	Thread d2	Hose Bore Ins.	Hose Bore DN (mm)	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	Nut AF SW	VOSS Designation	Box Qty.
DKOR 04 06	1/4"	1/4"	6	50	22	17	4	19	HF/60-SWOS-8-DN06	100
DKOR 06 10	3/8"	3/8"	10	55	25	19	7	22	HF/60-SWOS-10-DN10	150
DKOR 08 13	1/2"	1/2"	12	58	28	22	10	27	HF/60-SWOS-12-DN12	100
DKOR 10 16	5/8"	5/8"	16	64	30	20	13	30	HF/60-SWOS-16-DN16	20
DKOR 12 19	3/4"	3/4"	19	73	34	25	15	32	HF/60-SWOS-20-DN19	40
DKOR 16 25	1"	1"	25	87	39	29	20	38	HF/60-SWOS-25-DN25	20
DKOR 20 25	1.1/4"	1"	25	88	41	31	20	50	HF/60-SWOS-32-DN25	15
DKOR 20 32	1.1/4"	1.1/4"	31	98	43	33	26	50	HF/60-SWOS-32-DN31	10
DKOR 24 32	1.1/2"	1.1/4"	31	101	47	34	26	55	HF/60-SWOS-38-DN31	8
DKOR 24 38	1.1/2"	1.1/2"	38	105	47	34	32	55	HF/60-SWOS-38-DN38	6
DKOR 32 38	2"	1.1/2"	38	113	55	39	32	70	HF/60-SWOS-50-DN38	5
DKOR 32 50	2"	2"	51	126	54	38	42	70	HF/60-SWOS-50-DN51	4

VOSS

DKOR 90-

DKOR O-RING TYPE BSP FITTINGS

DKOR 90 90° BSP FEMALES 60° CONE WITH 'O' RING



Part No.	Thread d2	Hose Bore Ins.	Hose Bore DN (mm)	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	Nut AF SW	VOSS Designation	Box Qty.
DKOR 90 04 06	1/4"	1/4"	6	55	27	27	4	19	HF/60-SWOE-8-DN06	75
DKOR 90 06 10	3/8"	3/8"	10	64	33	35	7	22	HF/60-SWOE-10-DN10	100
DKOR 90 08 13	1/2"	1/2"	12	73	38	43	10	27	HF/60-SWOE-12-DN12	50
DKOR 90 10 16	5/8"	5/8"	16	87	53	53	13	30	HF/60-SWOE-16-DN16	25
DKOR 90 12 19	3/4"	3/4"	19	99	59	60	15	32	HF/60-SWOE-20-DN19	15
DKOR 90 16 25	1"	1"	25	126	74	79	20	38	HF/60-SWOE-25-DN25	8
DKOR 90 20 25	1.1/4"	1"	25	127	70	80	20	50	HF/60-SWOE-32-DN25	8
DKOR 90 20 32	1.1/4"	1.1/4"	31	151	92	96	26	50	HF/60-SWOE-32-DN31	8
DKOR 90 24 32	1.1/2"	1.1/4"	31	151	92	96	26	55	HF/60-SWOE-38-DN31	8
DKOR 90 24 38	1.1/2"	1.1/2"	38	176	105	118	32	55	HF/60-SWOE-38-DN38	5
DKOR 90 32 50	2"	2"	51	217	136	144	42	70	HF/60-SWOE-50-DN51	2

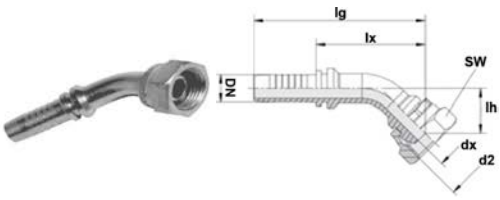
DKOR (O-RING) TYPE BSP FITTINGS

VOSS

DKOR 45-

DKOR O-RING TYPE BSP FITTINGS

DKOR 45 — 45° BSP FEMALES 60° CONE WITH 'O' RING



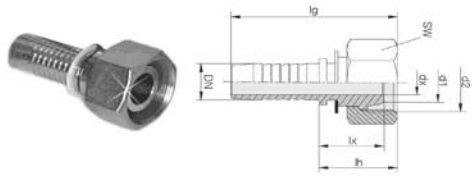
Part No.	Thread d2	Hose Bore Ins.	Hose Bore DN (mm)	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	Nut AF SW	VOSS Designation	Box Qty.
DKOR 45 04 06	1/4"	1/4"	6	61	13	33	4	19	HF/60-SWOE45-8-DN06	30
DKOR 45 06 10	3/8"	3/8"	10	70	17	40	7	22	HF/60-SWOE45-10-DN10	40
DKOR 45 08 13	1/2"	1/2"	12	79	18	49	10	27	HF/60-SWOE45-12-DN12	25
DKOR 45 10 16	5/8"	5/8"	16	96	25	62	13	30	HF/60-SWOE45-16-DN16	10
DKOR 45 12 19	3/4"	3/4"	19	108	29	69	15	32	HF/60-SWOE45-20-DN19	10
DKOR 45 16 25	1"	1"	25	137	35	90	20	38	HF/60-SWOE45-25-DN25	8
DKOR 45 20 25	1.1/4"	1"	25	135	32	88	20	50	HF/60-SWOE45-32-DN25	4
DKOR 45 20 32	1.1/4"	1.1/4"	31	165	46	111	26	50	HF/60-SWOE45-32-DN31	4
DKOR 45 24 32	1.1/2"	1.1/4"	31	165	45	111	26	55	HF/60-SWOE45-38-DN31	4
DKOR 45 24 38	1.1/2"	1.1/2"	38	188	50	130	32	55	HF/60-SWOE45-38-DN38	6
DKOR 45 32 38	2"	1.1/2"	38	190	52	132	32	70	HF/60-SWOE45-50-DN38	4
DKOR 45 32 50	2"	2"	51	232	67	159	42	70	HF/60-SWOE45-50-DN51	3

VOSS

DKORD-

DKOR O-RING TYPE BSP FITTINGS

DKORD — BSP FEMALES 60° CONE WITH 'O' RING (Slip Nut)



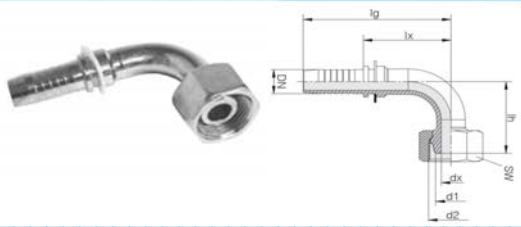
Part No.	Thread d2	Hose Bore Ins.	Hose Bore DN (mm)	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	Nut AF SW	VOSS Designation	Box Qty.
DKORD 04 06	1/4"	1/4"	6	50	22	17	4	19		100
DKORD 06 10	3/8"	3/8"	10	55	25	19	7	22		150
DKORD 08 13	1/2"	1/2"	13	58	28	22	10	27		100

VOSS

DKORD 90-

DKOR O-RING TYPE BSP FITTINGS

DKORD 90 — 90° BSP FEMALES 60° CONE WITH 'O' RING (Slip Nut)



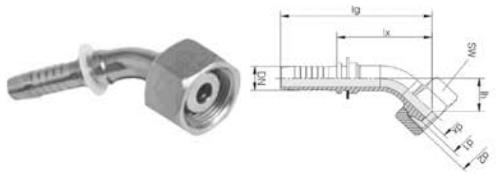
Part No.	Thread d2	Hose Bore Ins.	Hose Bore DN (mm)	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	Nut AF SW	VOSS Designation	Box Qty.
DKRI 04 06	1/4"	1/4"	6	50	22	17	4	19		
DKRI 06 10	3/8"	3/8"	10	64	33	35	7	22		
DKRI 08 13	1/2"	1/2"	13	58	28	22	10	27		
DKRI 12 19	3/4"	3/4"	19	73	34	25	15	32		
DKRI 16 25	1"	1"	25	87	40	29	20	38		
DKRI 20 32	1.1/4"	1.1/4"	32	98	43	33	26	50		
DKRI 24 38	1.1/2"	1.1/2"	38	105	47	34	32	55		

VOSS

DKORD 45-

DKOR O-RING TYPE BSP FITTINGS

DKORD 45 — 45° BSP FEMALES 60° CONE WITH 'O' RING (Slip Nut)



Part No.	Thread d2	Hose Bore Ins.	Hose Bore DN (mm)	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	Nut AF SW	VOSS Designation	Box Qty.
DKORD 45 04 06	1/4"	1/4"	6	61	13	33	4	19		30
DKORD 45 06 10	3/8"	3/8"	10	70	17	40	7	22		40
DKORD 45 08 13	1/2"	1/2"	13	79	18	49	10	27		25

BSP & NPT MALE FITTINGS

VOSS

AGR are the most common type of Male fitting used in UK & Ireland.

FEATURES

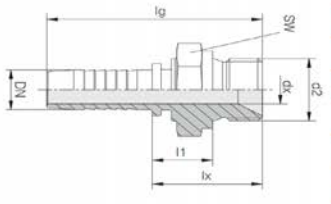
- Male Hose fittings with BSP or NPT thread BSP = ISO 12151-6 (ISO 8434-6).
- NPT fittings with NPTF thread tapered.
- SAE J 516
- Ideal for use in all medium to high pressure hydraulic applications.

VOSS

AGR-

BSP & NPT MALE FITTINGS

AGR BSP MALES PARALLEL 60° CONE



Part No.	Thread d2	Hose Bore Ins.	Hose Bore DN (mm)	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	Nut AF SW	VOSS Designation	Box Qty.
AGR 06 06	3/8"	1/4"	6	54	14	26	4	22	HF/60-S-10-DN06	
AGR 06 08	3/8"	5/16"	8	54	14	26	6	22	HF/60-S-10-DN08	
AGR 06 10	3/8"	3/8"	10	56	14	26	7	22	HF/60-S-10-DN10	
AGR 06 13	3/8"	1/2"	12	57	15	27	10	22	HF/60-S-10-DN12	
AGR 08 10	1/2"	3/8"	10	60	16	30	7	27	HF/60-S-12-DN10	
AGR 08 13	1/2"	1/2"	12	61	17	31	10	27	HF/60-S-12-DN12	
AGR 10 13	5/8"	1/2"	12	63	17	33	10	30	HF/60-S-16-DN12	
AGR 10 16	5/8"	5/8"	16	67	17	33	13	30	HF/60-S-16-DN16	
AGR 12 13	3/4"	1/2"	12	63	17	33	10	32	HF/60-S-20-DN12	
AGR 12 16	3/4"	5/8"	16	67	17	33	13	32	HF/60-S-20-DN16	
AGR 12 19	3/4"	3/4"	19	74	19	35	15	32	HF/60-S-20-DN19	
AGR 16 19	1"	3/4"	19	79	21	40	15	41	HF/60-S-25-DN19	
AGR 16 25	1"	1"	25	87	21	40	20	41	HF/60-S-25-DN25	
AGR 20 25	1.1/4"	1"	25	88	21	41	20	50	HF/60-S-32-DN25	
AGR 20 32	1.1/4"	1.1/4"	31	97	23	43	26	50	HF/60-S-32-DN31	
AGR 24 38	1.1/2"	1.1/2"	38	104	24	46	32	55	HF/60-S-38-DN38	
AGR 32 50	2"	2"	51	125	27	52	42	70	HF/60-S-50-DN51	

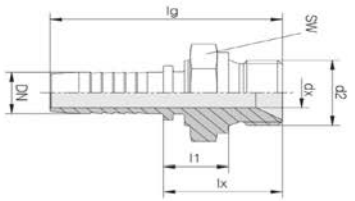
AVAILABLE IN STAINLESS STEEL

VOSS

AGR K-

BSP & NPT MALE FITTINGS

AGR K BSP MALES TAPERED



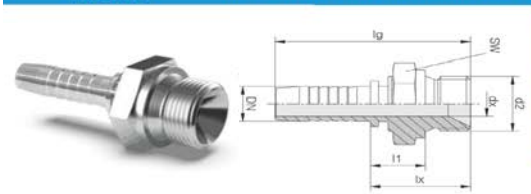
Part No.	Thread d2	Hose Bore Ins.	Hose Bore DN (mm)	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	Nut AF SW	VOSS Designation	Box Qty.
AGR K 02 06	1/8"	1/4"	6	49	12	21	4	12	HF/60-SDS-R1/8T-DN06	50
AGR K 04 06	1/4"	1/4"	6	54	12	26	4	14	HF/60-SDS-R1/4T-DN06	100
AGR K 06 06	3/8"	1/4"	6	54	12	26	4	19	HF/60-SDS-R3/8T-DN06	70
AGR K 06 08	3/8"	5/16"	8	54	12	26	6	19	HF/60-SDS-R3/8T-DN08	70
AGR K 06 10	3/8"	3/8"	10	57	13	27	7	19	HF/60-SDS-R3/8T-DN10	70
AGR K 08 10	1/2"	3/8"	10	61	13	32	7	22	HF/60-SDS-R1/2T-DN10	40
AGR K 08 13	1/2"	1/2"	12	62	14	33	10	22	HF/60-SDS-R1/2T-DN12	40
AGR K 12 16	3/4"	5/8"	16	69	15	35	13	27	HF/60-SDS-R3/4T-DN16	25
AGR K 12 19	3/4"	3/4"	19	77	18	38	15	27	HF/60-SDS-R3/4T-DN19	20
AGR K 16 19	1"	3/4"	19	81	18	42	15	36	HF/60-SDS-R1T-DN19	10
AGR K 16 25	1"	1"	25	89	18	42	20	36	HF/60-SDS-R1T-DN25	20
AGR K 20 25	1.1/4"	1"	25	92	19	45	20	46	HF/60-SDS-R11/4T-DN25	15
AGR K 20 32	1.1/4"	1.1/4"	31	101	21	47	26	46	HF/60-SDS-R11/4T-DN31	10
AGR K 24 38	1.1/2"	1.1/2"	38	106	21	48	32	50	HF/60-SDS-R11/2T-DN38	8
AGR K 32 50	2"	2"	51	128	24	55	42	65	HF/60-SDS-R2T-DN51	2

AVAILABLE IN STAINLESS STEEL

AGRF-

BSP & NPT MALE FITTINGS

AGR F — 45° BSP FEMALES 60° CONE WITH 'O' RING



Part No.	Thread d2	Hose Bore Ins.	Hose Bore DN (mm)	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	Nut AF SW	VOSS Designation	Box Qty.
AGR F 04 06	1/4"	1/4"	6	52	13	24	4	19	HF/GP-SDS-G1/4A-DN06	100
AGR F 06 10	3/8"	3/8"	10	56	14	27	7	22	HF/GP-SDS-G3/8A-DN10	70
AGR F 08 10	1/2"	3/8"	10	61	16	32	7	27	HF/GP-SDS-G1/2A-DN10	40
AGR F 08 13	1/2"	1/2"	13	62	17	33	10	27	HF/GP-SDS-G1/2A-DN12	30
AGR F 12 19	3/4"	3/4"	19	74	19	35	15	32	HF/GP-SDS-G3/4A-DN19	20

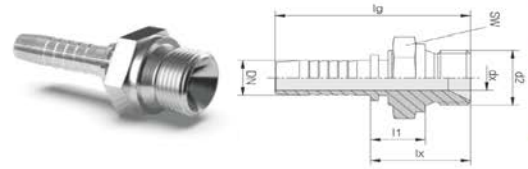
AVAILABLE IN STAINLESS STEEL

VOSS

AGN-

AGN BSP & NPT MALE FITTINGS

AGN — NPT MALES



Part No.	Thread d2	Hose Bore Ins.	Hose Bore DN (mm)	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	Nut AF SW	VOSS Designation	Box Qty.
AGN 02 06	1/8"	1/4"	6	50	12	22	4	12	HF/GP-SDS-NF1/8T-DN06	75
AGN 04 06	1/4"	1/4"	6	54	12	25.5	4	14	HF/GP-SDS-NF1/4T-DN06	50
AGN 04 10	1/4"	3/8"	10	55	12	26	7	16	HF/GP-SDS-NF1/4T-DN10	50
AGN 06 06	3/8"	1/4"	6	54	12	26	4	19	HF/GP-SDS-NF3/8T-DN06	50
AGN 06 08	3/8"	5/16"	8	54	12	26	6	19	HF/GP-SDS-NF3/8T-DN08	50
AGN 06 10	3/8"	3/8"	10	57	13	27	7	19	HF/GP-SDS-NF3/8T-DN10	70
AGN 06 13	3/8"	1/2"	12	58	14	28	10	19	HF/GP-SDS-NF3/8T-DN12	50
AGN 08 10	1/2"	3/8"	10	61	13	32	7	22	HF/GP-SDS-NF1/2T-DN10	40
AGN 08 13	1/2"	1/2"	12	62	14	33	10	22	HF/GP-SDS-NF1/2T-DN12	40
AGN 08 16	1/2"	5/8"	16	68	15	34	13	24	HF/GP-SDS-NF1/2T-DN16	30
AGN 12 13	3/4"	1/2"	12	65	16	35	10	27	HF/GP-SDS-NF3/4T-DN12	25
AGN 12 16	3/4"	5/8"	16	69	16	35	13	27		25
AGN 12 19	3/4"	3/4"	19	77	18	38	15	27	HF/GP-SDS-NF3/4T-DN19	20
AGN 16 19	1"	3/4"	19	81	18	42	15	36	HF/GP-SDS-NF1T-DN19	10
AGN 16 25	1"	1"	25	89	18	42	20	36	HF/GP-SDS-NF1T-DN25	20
AGN 20 25	1.1/4"	1"	25	92	19	45	20	46	HF/GP-SDS-NF11/4T-DN25	15
AGN 20 32	1.1/4"	1.1/4"	31	101	21	47	26	46	HF/GP-SDS-NF11/4T-DN31	10
AGN 24 38	1.1/2"	1.1/2"	38	106	21	48	32	50	HF/GP-SDS-NF11/2T-DN38	8
AGN 32 50	2"	2"	51	128	24	55	42	65	HF/GP-SDS-NF2T-DN51	2

AVAILABLE IN STAINLESS STEEL

BANJO BOLTS BSP & METRIC

VOSS

Ideal for use in Valve blocks on all medium to high-pressure hydraulic applications.

FEATURES

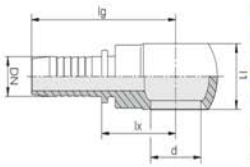
- Banjo ring eye & Bolt fittings with BSP thread.
- Banjo ring eye & Bolt fittings with Metric thread.
- Double eye bolts for assembling two fittings in tandem.

VOSS

RNR-

BSP RING EYE'S FOR BANJOS

RNR — BSP RING EYE'S FOR BANJOS



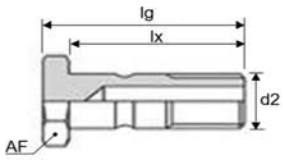
Part No.	Bolt Type	Thread d2	Hose Bore Ins.	Hose Bore mm	Dimensions lg	lx	lh	d	SW	VOSS Designation	Box Qty.
RNR 02 06	1/8		1/4"	6	47	13	19			HF/GP-BFE-1/8-DN06	50
RNR 04 06	1/4		1/4"	6	50	14	22	13.3		HF/GP-BFE-1/4-DN06	50
RNR 06 06	3/8		1/4"	6	53	18	22	16.7		HF/GP-BFE-3/8-DN10	50
RNR 06 08	3/8		5/16"	8	53	18	25	16.7		HF/GP-BFE-3/8-DN08	50
RNR 06 10	3/8		3/8"	10	54	18	25	16.7		HF/GP-BFE-3/8-DN10	50
RNR 08 10	1/2		3/8"	10	60	22	30	21		HF/GP-BFE-1/2-DN10	25
RNR 08 13	1/2		1/2"	13	61	22	31	21		HF/GP-BFE-1/2-DN12	25
RNR 10 13	5/8		1/2"	13	63	24	34	23		HF/GP-BFE-5/8-DN12	10
RNR 10 16	5/8		5/8"	16	68	24	34	23		HF/GP-BFE-5/8-DN16	10
RNR 12 13	3/4		1/2"	13	79	29	40	26.5		HF/GP-BFE-3/4-DN13	10
RNR 12 19	3/4		3/4"	19	79	29	40	26.5		HF/GP-BFE-3/4-DN19	10
RNR 16 19	1"		3/4"	19	87	38	48	33.3		HF/GP-BFE-1-DN19	5
RNR 16 25	1"		1"	25	95	38	48	33.3		HF/GP-BFE-1-DN25	5

VOSS

F15 R-

BSP BOLT FOR BANJO

F15 R — BSP BOLT FOR BANJO



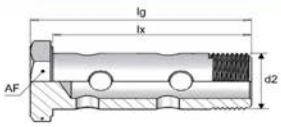
Part No.	Bolt Type	Thread d2	Hose Bore Ins.	Hose Bore mm	Dimensions lg	lx	lh	d	SW	VOSS Designation	Box Qty.
F15 R 02	1/8"	1/8"			27		20		14		100
F15 R 04	1/4"	1/4"			31		26		17		50
F15 R 06	3/8"	3/8"			38		30		22		40
F15 R 08	1/2"	1/2"			48		40		27		30
F15 R 12	3/4"	3/4"			56		47		32		20
F15 R 16	1"	1"			70		58		41		10

VOSS

F15 R-

BSP DOUBLE EYE BOLT FOR BANJO

F15 R — BSP DOUBLE EYE BOLT FOR BANJO

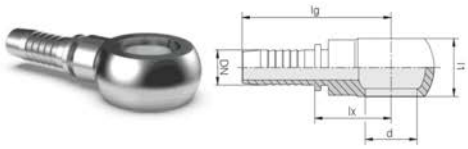


Part No.	Bolt Type	Thread d2	Hose Bore Ins.	Hose Bore mm	Dimensions lg	lx	lh	d	SW	VOSS Designation	Box Qty.
F15 R 04 04	1/4"	1/4"			50		43		19		50
F15 R 06 06	3/8"	3/8"			58		51		22		40
F15 R 08 08	1/2"	1/2"			73		64		27		30
F15 R 12 12	3/4"	3/4"			92		81		32		20
F15 R 16 16	1"	1"			110		96		41		10

RNM-

METRIC BANJOS

RNM METRIC BANJOS



Part No.	Bolt Type	Thread d2	Hose Bore Ins.	Hose Bore mm	Dimensions lg	lx	lh	d	SW	VOSS Designation	Box Qty.
RNM 12 06	12	12 x 1.5	1/4"	6	47	13	19	12.2		HF/GP-BFE-M12-DN06	25
RNM 14 06	14	14 x 1.5	1/4"	6	50	14	22	14.2		HF/GP-BFE-M14-DN06	50
RNM 14 08	14	14 x 1.5	5/16"	8	55	14	27	14.2		HF/GP-BFE-M14-DN08	40
RNM 14 10	14	14 x 1.5	3/8"	10	56	14	27	14.2		HF/GP-BFE-M14-DN10	30
RNM 16 08	16	16 x 1.5	5/16"	8	53	18	25	16.2		HF/GP-BFE-M16-DN08	25
RNM 16 10	16	16 x 1.5	3/8"	10	54	18	25	16.2		HF/GP-BFE-M16-DN10	30
RNM 18 10	18	18 x 1.5	3/8"	10	57	20	28	18.2		HF/GP-BFE-M18-DN10	30
RNM 18 13	18	18 x 1.5	1/2"	12	58	20	29	18.2		HF/GP-BFE-M18-DN12	25
RNM 22 13	22	22 x 1.5	1/2"	12	61	22	31	22.2		HF/GP-BFE-M22-DN12	25
RNM 22 16	22	22 x 1.5	5/8"	16	70	22	36	22.2		HF/GP-BFE-M22-DN16	20
RNM 26 16	26	26 x 1.5	5/8"	16	72	29	38	26.2		HF/GP-BFE-M26-DN16	10
RNM 26 19	26	26 x 1.5	3/4"	19	79	29	40	26.2		HF/GP-BFE-M26-DN19	10
RNM 30 19	30	30 x 1.5	3/4"	19	82	30	43	30.2		HF/GP-BFE-M30-DN19	5

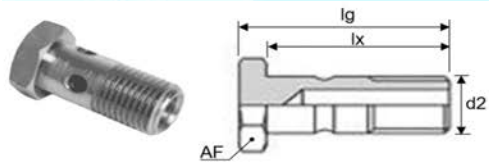
AVAILABLE IN STAINLESS STEEL

VOSS

F15 M-

METRIC BOLT FOR BANJO

F15 M METRIC BOLT FOR BANJO



Part No.	Bolt Type	Thread d2	Hose Bore Ins.	Hose Bore mm	Dimensions lg	lx	lh	d	SW	VOSS Designation	Box Qty.
F15 M 10	10	10 x 1			26		21		14		50
F15 M 12	12	12 x 1.5			30		25		17		50
F15 M 14	14	14 x 1.5			33		27		19		70
F15 M 16	16	16 x 1.5			39		31		22		50
F15 M 18	18	18 x 1.5			45		36		24		50
F15 M 22	22	22 x 1.5			47		39		27		20
F15 M 26	26	26 x 1.5			56		44		32		20
F15 M 30	30	30 x 1.5			58		46		38		15

AVAILABLE IN STAINLESS STEEL

VOSS

Widely used in fuel delivery and fluid power applications, especially where high pressure is required.

FEATURES

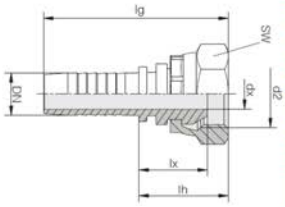
- Hose fittings with UNF thread and 37°cone (JIC).
- ISO 12151-5 (ISO 8434-2).
- Sometimes referred to as - Joint Industry Council.

VOSS

DKJ-

JIC FEMALES 74° CONE FITTINGS

DKJ — JIC FEMALES 74° CONE



Part No.	Thread d2	Hose Bore Ins.	Hose Bore DN (mm)	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	Nut AF SW	VOSS Designation	Box Qty.
DKJ 07 06	7/16"	1/4"	6	52	24	14	4	14	HF/37-SWS-6-DN06	100
DKJ 08 06	1/2"	1/4"	6	53	25	15	4	17	HF/37-SWS-8-DN06	125
DKJ 08 08	1/2"	5/16"	8	53	25	15	6	17	HF/37-SWS-8-DN08	100
DKJ 09 06	9/16"	1/4"	6	55	27	17	4	19	HF/37-SWS-10-DN06	100
DKJ 09 08	9/16"	5/16"	8	55	27	17	6	19	HF/37-SWS-10-DN08	100
DKJ 09 10	9/16"	3/8"	10	56	27	17	7	19	HF/37-SWS-10-DN10	75
DKJ 12 10	3/4"	3/8"	10	60	31	19	7	24	HF/37-SWS-12-DN10	50
DKJ 12 13	3/4"	1/2"	12	60	30	19	10	24	HF/37-SWS-12-DN12	40
DKJ 14 10	7/8"	3/8"	10	63	34	20	7	27	HF/37-SWS-16-DN10	40
DKJ 14 13	7/8"	1/2"	12	65	35	21	10	27	HF/37-SWS-16-DN12	30
DKJ 14 16	7/8"	5/8"	16	68	34	20	13	27	HF/37-SWS-16-DN16	30
DKJ 17 13	1.1/16"	1/2"	12	67	38	22	10	32	HF/37-SWS-20-DN12	20
DKJ 17 16	1.1/16"	5/8"	16	72	38	22	13	32	HF/37-SWS-20-DN16	20
DKJ 17 19	1.1/16"	3/4"	19	79	40	24	15	32	HF/37-SWS-20-DN19	15
DKJ 17 25	1.1/16"	1"	25	87	40	24	15	32	HF/37-SWS-20-DN25	10
DKJ 19 19	1.3/16"	3/4"	19	79	40	24	15	32	HF/37-SWS-22-DN19	15
DKJ 21 19	1.5/16"	3/4"	19	81	42	25	15	41	HF/37-SWS-25-DN19	25
DKJ 21 25	1.5/16"	1"	25	89	42	25	20	41	HF/37-SWS-25-DN25	20
DKJ 26 25	1.5/8"	1"	25	91	44	27	20	50	HF/37-SWS-30-DN25	10
DKJ 26 32	1.5/8"	1.1/4"	31	99	44	28	26	50	HF/37-SWS-30-DN31	10
DKJ 30 32	1.7/8"	1.1/4"	31	104	49	30	26	60	HF/37-SWS-38-DN31	8
DKJ 30 38	1.7/8"	1.1/2"	38	107	49	30	32	60	HF/37-SWS-38-DN38	6
DKJ 40 50	2.1/2"	2"	50	132	59	36	42	75	HF/37-SWS-50-DN50	4

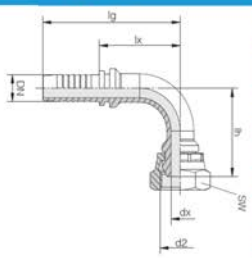
AVAILABLE IN STAINLESS STEEL

VOSS

DKJ90-

90° JIC FEMALES 74° CONE FITTINGS

DKJ 90 — 90° JIC FEMALES 74° CONE



Part No.	Thread d2	Hose Bore Ins.	Hose Bore DN (mm)	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	Nut AF SW	VOSS Designation	Box Qty.
DKJ 90 07 06	7/16"	1/4"	6	57	26	29	4	14	HF/37-SWE-6-DN06	80
DKJ 90 08 06	1/2"	1/4"	6	57	27	29	4	17	HF/37-SWE-8-DN06	40
DKJ 90 09 06	9/16"	1/4"	6	57	28	29	4	19	HF/37-SWE-10-DN06	50
DKJ 90 09 08	9/16"	5/16"	8	58	31	30	6	19	HF/37-SWE-10-DN08	25
DKJ 90 09 10	9/16"	3/8"	10	63	35	34	7	19	HF/37-SWE-10-DN10	40
DKJ 90 12 10	3/4"	3/8"	10	63	37	34	7	24	HF/37-SWE-12-DN10	30
DKJ 90 12 13	3/4"	1/2"	12	72	43	42	10	24	HF/37-SWE-12-DN12	20
DKJ 90 14 10	7/8"	3/8"	10	63	38	34	7	27	HF/37-SWE-16-DN10	20
DKJ 90 14 13	7/8"	1/2"	12	72	44	42	10	27	HF/37-SWE-16-DN12	20
DKJ 90 14 16	7/8"	5/8"	16	87	54	53	13	27	HF/37-SWE-16-DN16	10
DKJ 90 17 13	1.1/16"	1/2"	12	72	45	42	10	32	HF/37-SWE-20-DN12	10
DKJ 90 17 16	1.1/16"	5/8"	16	87	55	53	13	32	HF/37-SWE-20-DN16	10
DKJ 90 17 19	1.1/16"	3/4"	19	97	56	58	15	32	HF/37-SWE-20-DN19	15
DKJ 90 19 19	1.3/16"	3/4"	19	99	59	60	15	36	HF/37-SWE-22-DN19	15
DKJ 90 21 19	1.5/16"	3/4"	19	99	59	60	15	41	HF/37-SWE-25-DN19	6
DKJ 90 21 25	1.5/16"	1"	25	126	71	79	20	41	HF/37-SWE-25-DN25	8
DKJ 90 26 25	1.5/8"	1"	25	126	73	79	20	50	HF/37-SWE-30-DN25	10
DKJ 90 26 32	1.5/8"	1.1/4"	31	151	86	96	26	50	HF/37-SWE-30-DN31	3
DKJ 90 30 32	1.7/8"	1.1/4"	31	151	87	96	26	60	HF/37-SWE-38-DN31	3
DKJ 90 30 38	1.7/8"	1.1/2"	38	176	101	118	32	60	HF/37-SWE-38-DN38	4
DKJ 90 40 50	2.1/2"	2"	50	217	135	144	42	75	HF/37-SWE-50-DN50	2

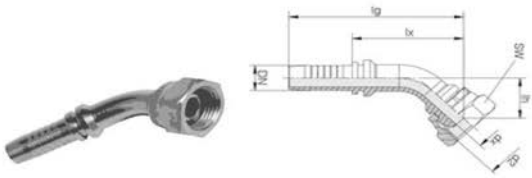
AVAILABLE IN STAINLESS STEEL

VOSS

DKJ45-

45° JIC FEMALES 74° CONE FITTINGS

DKJ 45 — 45 ° JIC FEMALES 74° CONE



Part No.	Thread d2	Hose Bore Ins.	Hose Bore DN (mm)	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	Nut AF SW	VOSS Designation	Box Qty.
DKJ 45 07 06	7/16"	1/4"	6	62	13	34	4	14	HF/37-SWE45-6-DN06	25
DKJ 45 08 06	1/2"	1/4"	6	62	14	34	4	17	HF/37-SWE45-8-DN06	25
DKJ 45 09 06	9/16"	1/4"	6	63	14	35	4	19	HF/37-SWE45-10-DN06	30
DKJ 45 09 08	9/16"	5/16"	8	64	15	36	6	19	HF/37-SWE45-10-DN08	30
DKJ 45 09 10	9/16"	3/8"	10	71	18	41	7	19	HF/37-SWE45-10-DN10	25
DKJ 45 12 10	3/4"	3/8"	10	72	19	43	7	24	HF/37-SWE45-12-DN10	30
DKJ 45 12 13	3/4"	1/2"	12	81	21	51	10	24	HF/37-SWE45-12-DN12	25
DKJ 45 14 10	7/8"	3/8"	10	73	20	43	7	27	HF/37-SWE45-16-DN10	25
DKJ 45 14 13	7/8"	1/2"	12	82	22	52	10	27	HF/37-SWE45-16-DN12	20
DKJ 45 14 16	7/8"	5/8"	16	97	26	63	13	27	HF/37-SWE45-16-DN16	15
DKJ 45 17 13	1.1/16"	1/2"	12	83	23	53	10	32	HF/37-SWE45-20-DN12	15
DKJ 45 17 16	1.1/16"	5/8"	16	97	26	63	13	32	HF/37-SWE45-20-DN16	10
DKJ 45 17 19	1.1/16"	3/4"	19	108	29	69	15	32	HF/37-SWE45-20-DN19	10
DKJ 45 19 19	1.3/16"	3/4"	19	109	29	70	15	36	HF/37-SWE45-22-DN19	8
DKJ 45 21 19	1.5/16"	3/4"	19	109	29	70	15	41	HF/37-SWE45-25-DN19	5
DKJ 45 21 25	1.5/16"	1"	25	135	33	88	20	41	HF/37-SWE45-25-DN25	8
DKJ 45 26 25	1.5/8"	1"	25	136	34	89	20	50	HF/37-SWE45-30-DN25	6
DKJ 45 26 32	1.5/8"	1.1/4"	31	161	41	107	26	50	HF/37-SWE45-30-DN31	4
DKJ 45 30 32	1.7/8"	1.1/4"	31	162	42	108	26	60	HF/37-SWE45-38-DN31	3
DKJ 45 30 38	1.7/8"	1.1/2"	38	185	47	127	32	60	HF/37-SWE45-38-DN38	5
DKJ 45 40 50	2.1/2"	2"	51	231	67	159	42	75	HF/37-SWE45-50-DN51	3

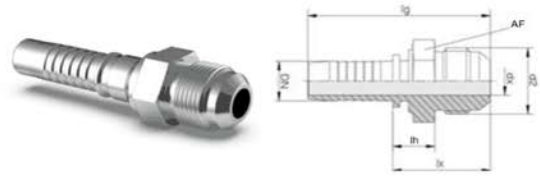
AVAILABLE IN STAINLESS STEEL

VOSS

AGJ-

JIC MALES 74° CONE – UNF FITTINGS

AGJ — JIC MALES 74° CONE - UNF



Part No.	Thread d2	Hose Bore Ins.	Hose Bore DN (mm)	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	Nut AF SW	VOSS Designation	Box Qty.
AGJ 07 06	7/16"	1/4"	6	54	11	25	4	14	HF/37-S-6-DN06	60
AGJ 08 06	1/2"	1/4"	6	54	12	26	4	17	HF/37-S-8-DN06	50
AGJ 08 08	1/2"	5/16"	8	54	11	25	6	14	HF/37-S-8-DN08	50
AGJ 09 06	9/16"	1/4"	6	54	11	25	4	17	HF/37-S-10-DN06	50
AGJ 09 08	9/16"	5/16"	8	54	11	25	6	19	HF/37-S-10-DN08	50
AGJ 09 10	9/16"	3/8"	10	56	12	26	7	19	HF/37-S-10-DN10	50
AGJ 12 10	3/4"	3/8"	10	59	13	29	7	22	HF/37-S-12-DN10	60
AGJ 12 13	3/4"	1/2"	13	60	14	30	10	22	HF/37-S-12-DN12	25
AGJ 14 10	7/8"	3/8"	13	63	14	33	7	24	HF/37-S-16-DN10	25
AGJ 14 13	7/8"	1/2"	13	64	14	34	10	24	HF/37-S-16-DN12	25
AGJ 14 16	7/8"	5/8"	16	68	14	34	13	24	HF/37-S-16-DN16	25
AGJ 17 13	1.1/16"	1/2"	16	68	16	38	10	27	HF/37-S-20-DN12	15
AGJ 17 16	1.1/16"	5/8"	16	72	16	38	13	32	HF/37-S-20-DN16	10
AGJ 17 19	1.1/16"	3/4"	19	79	18	40	15	27	HF/37-S-20-DN19	10
AGJ 17 25	1.1/6"	1"	25	87	18	40	15	32	HF/37-S-20-DN25	10
AGJ 19 19	1.3/16"	3/4"	19	80	18	41	15	34	HF/37-S-22-DN19	10
AGJ 21 19	1.5/16"	3/4"	19	80	18	41	15	34	HF/37-S-25-DN19	10
AGJ 21 25	1.5/16"	1"	25	89	18	41	20	36	HF/37-S-25-DN25	10
AGJ 26 25	1.5/8"	1"	25	90	18	43	20	42	HF/37-S-30-DN25	8
AGJ 26 32	1.5/8"	1.1/4"	32	101	21	46	26	46	HF/37-S-30-DN31	5
AGJ 30 32	1.7/8"	1.1/4"	32	105	23	50	26	50	HF/37-S-38-DN31	5
AGJ 30 38	1.7/8"	1.1/2"	38	109	23	51	32	50	HF/37-S-38-DN38	8
AGJ 40 50	2.1/2"	2"	50	134	27	61	42	65	HF/37-S-50-DN51	2

AVAILABLE IN STAINLESS STEEL

DKOL METRIC LIGHT FITTINGS

VOSS

Higher pressure resistance and functional reliability, even under extreme operating conditions.

FEATURES

- Hose fittings with 24° taper & O-ring
- Fit in bore type
- W DIN 3861/ISO 434-1
- ISO 12151-2 (ISO 8434-1)

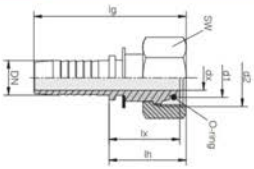
ADVANTAGES

- Permanent stability thanks to metallic taper coupling on the fitting body and additional soft seal.
- Reliable over-tightening protection.
- Reduced work effort thanks to reduced tightening distances & tightening forces.
- Maximum tightness thanks to embedded FKM O-ring (standard).
- Improved leak-proofing & precision seal.
- Easy, fast and reliable installation
- Repeat installations can be performed frequently without any issues.

VOSS

DKOL-

METRIC FEMALES 24° CONE DIN 3865 LIGHT WITH 'O' RING



Part No.	Thread d2	Hose Bore Ins.	Hose Bore DN (mm	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	Nut AF SW	VOSS Designation	O-ring	Box Qty.
DKOL METRIC FEMALES 24° CONE DIN 3865 LIGHT WITH 'O' RING											
DKOL 08L 06	14 x 1.5	1/4"	6	53	25	25	4	17	HF/24-SWOS-L8-DN06	6 x 1,5	100
DKOL 10L 06	16 x 1.5	1/4"	6	57	29	28	4	19	HF/24-SWOS-L10-DN06	7,5 x 1,5	100
DKOL 10L 08	16 x 1.5	5/16"	8	54	26	25	6	19	HF/24-SWOS-L10-DN08	7,5 x 1,5	100
DKOL 10L 10	16 x 1.5	3/8"	10	54	25	24	6	19	HF/24-SWOS-L10-DN10	7,5 x 1,5	50
DKOL 12L 06	18 x 1.5	1/4"	6	56	28	27	4	22	HF/24-SWOS-L12-DN06	9 x 1,5	70
DKOL 12L 08	18 x 1.5	5/16"	8	56	28	27	6	22	HF/24-SWOS-L12-DN08	9 x 1,5	70
DKOL 12L 10	18 x 1.5	3/8"	10	57	27	26	7	22	HF/24-SWOS-L12-DN10	9 x 1,5	70
DKOL 15L 10	22 x 1.5	3/8"	10	60	30	28	7	27	HF/24-SWOS-L15-DN10	12 x 2	40
DKOL 15L 13	22 x 1.5	1/2"	13	60	31	29	10	27	HF/24-SWOS-L15-DN12	12 x 2	40
DKOL 18L 13	26 x 1.5	1/2"	13	62	32	30	10	32	HF/24-SWOS-L18-DN12	15 x 2	25
DKOL 18L 16	26 x 1.5	5/8"	16	67	33	31	13	32	HF/24-SWOS-L18-DN16	15 x 2	25
DKOL 22L 19	30 x 2.0	3/4"	19	76	37	33	15	36	HF/24-SWOS-L22-DN19	20 x 2	15
DKOL 28L 25	36 x 2.0	1"	25	85	38	35	20	41	HF/24-SWOS-L28-DN25	26 x 2	10
DKOL 35L 32	45 x 2.0	1.1/4"	32	99	45	42	26	50	HF/24-SWOS-L35-DN31	32 x 2,5	10
DKOL 42L 38	52 x 2.0	1.1/2"	38	102	44	41	32	60	HF/24-SWOS-L42-DN38	38 x 2,5	8

AVAILABLE IN STAINLESS STEEL

DKOL METRIC LIGHT FITTINGS

VOSS

DK0L 90-

90° METRIC FEMALES 24° CONE DIN 3865 LIGHT WITH 'O' RING

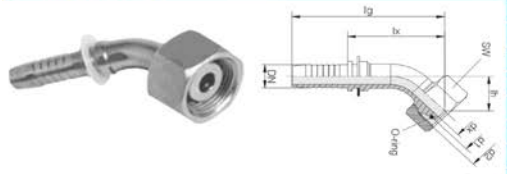
Part No.	Thread d2	Hose Bore Ins.	Hose Bore DN (mm	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	Nut AF SW	VOSS Designation	O-ring	Box Qty.
DKOL 90 90° METRIC FEMALES 24° CONE DIN 3865 LIGHT WITH 'O' RING											
DKOL 90 06L 06	12 x 1.5	1/4"	6	55	38	27	3	14	HF/24-SWOE-L6-DN06	4 x 1,5	50
DKOL 90 08L 06	14 x 1.5	1/4"	6	55	34	27	4	17	HF/24-SWOE-L8-DN06	6 x 1,5	70
DKOL 90 10L 06	16 x 1.5	1/4"	6	55	34	27	4	17	HF/24-SWOE-L10-DN06	7.5 x 1.5	40
DKOL 90 10L 08	16 x 1.5	5/16"	8	57	34	29	6	19	HF/24-SWOE-L10-DN08	7,5 x 1,5	60
DKOL 90 10L 10	16 x 1.5	3/8"	10	65	43	36	6	19	HF/24-SWOE-L10-DN10	7,5 x 1,5	40
DKOL 90 12L 08	18 x 1.5	5/16"	8	58	35	30	6	22	HF/24-SWOE-L12-DN08	9 x 1,5	50
DKOL 90 12L 10	18 x 1.5	3/8	10	65	37	36	7	22	HF/24-SWOE-L12-DN10	9 x 1,5	40
DKOL 90 15L 13	22 x 1.5	1/2"	13	72	43	42	10	27	HF/24-SWOE-L15-DN12	12 x 2	20
DKOL 90 18L 16	26 x 1.5	5/8"	16	87	51	53	13	32	HF/24-SWOE-L18-DN16	15 x 2	30
DKOL 90 22L 19	30 x 2.0	3/4"	19	99	55	60	15	36	HF/24-SWOE-L22-DN19	20 x 2	20
DKOL 90 28L 25	36 x 2.0	1"	25	127	67	80	20	41	HF/24-SWOE-L28-DN25	26 x 2	10
DKOL 90 35L 32	45 x 2.0	1.1/4"	32	153	81	99	26	50	HF/24-SWOE-L35-DN31	32 x 2,5	5
DKOL 90 42L 38	52 x 2.0	1.1/2"	38	170	99	112	32	60	HF/24-SWOE-L42-DN38	38 x 2,5	6

AVAILABLE IN STAINLESS STEEL

VOSS

DKOL 45-

45° METRIC FEMALES 24° CONE DIN 3865 LIGHT WITH 'O' RING



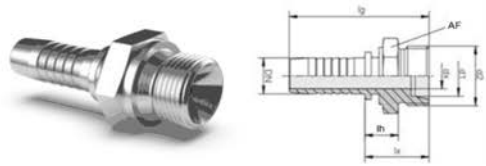
Part No.	Thread d2	Hose Bore Ins.	Hose Bore DN (mm	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	Nut AF SW	VOSS Designation	O-ring	Box Qty.
DKOL 45 45° METRIC FEMALES 24° CONE DIN 3865 LIGHT WITH 'O' RING											
DKOL 45 08L 06	14 x 1.5	1/4"	6	65	18	37	4	17	HF/24-SWOE45-L8-DN06	6 x 1,5	50
DKOL 45 10L 06	16 x 1.5	1/4"	6	65	18	37	4	19	HF/24-SWOE45-L10-DN06	7,5 x 1,5	70
DKOL 45 10L 08	16 x 1.5	5/16"	8	68	18	40	6	19	HF/24-SWOE45-L10-DN08	7,5 x 1,5	75
DKOL 45 10L 10	16 x 1.5	3/8"	10	78	24	48	6	19	HF/24-SWOE45-L10-DN10	7,5 x 1,5	40
DKOL 45 12L 10	18 x 1.5	3/8	10	74	20	45	7	22	HF/24-SWOE45-L12-DN10	9 x 1,5	25
DKOL 45 15L 13	22 x 1.5	1/2"	13	80	22	51	10	27	HF/24-SWOE45-L15-DN12	12 x 2	25
DKOL 45 18L 16	26 x 1.5	5/8"	16	95	25	61	13	32	HF/24-SWOE45-L18-DN16	15 x 2	15
DKOL 45 22L 19	30 x 2.0	3/4"	19	108	27	69	15	36	HF/24-SWOE45-L22-DN19	20 x 2	10
DKOL 45 28L 25	36 x 2.0	1"	25	133	30	86	20	41	HF/24-SWOE45-L28-DN25	26 x 2	5
DKOL 45 35L 32	45 x 2.0	1.1/4"	32	160	38	106	26	50	HF/24-SWOE45-L35-DN31	32 x 2,5	5
DKOL 45 42L 38	52 x 2.0	1.1/2"	38	181	44	123	32	60	HF/24-SWOE45-L42-DN38	38 x 2,5	8

AVAILABLE IN STAINLESS STEEL

VOSS

CEL-

MALES 74° DIN 3861 LIGHT



Part No.	Thread d2	Hose Bore Ins.	Hose Bore DN (mm	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	Nut AF SW	VOSS Designation	O-ring	Box Qty.
CEL MALES 24° DIN 3861 LIGHT											
CEL 06L 06	12 x 1.5	1/4"	6	50	12	22	4	14	HF/24-S-L6-DN06		50
CEL 08L 06	14 x 1.5	1/4"	6	50	12	22	4	17	HF/24-S-L8-DN06		50
CEL 10L 06	16 x 1.5	1/4"	6	51	12	23	4	17	HF/24-S-L10-DN06		70
CEL 10L 08	16 x 1.5	5/16"	8	51	12	23	6	17	HF/24-S-L10-DN08		50
CEL 10L 10	16 x 1.5	3/8"	10	54	14	25	7	17	HF/24-S-L10-DN10		50
CEL 12L 06	18 x 1.5	1/4"	6	52	13	24	4	19	HF/24-S-L12-DN06		50
CEL 12L 08	18 x 1.5	5/16"	8	52	13	24	6	19	HF/24-S-L12-DN08		50
CEL 12L 10	18 x 1.5	3/8"	10	54	14	25	7	19	HF/24-S-L12-DN10		50
CEL 15L 10	22 x 1.5	3/8"	10	55	14	26	7	24	HF/24-S-L15-DN10		30
CEL 15L 13	22 x 1.5	1/2"	13	57	15	27	10	24	HF/24-S-L15-DN12		40
CEL 18L 13	26 x 1.5	1/2"	13	58	16	28	10	27	HF/24-S-L18-DN12		20
CEL 18L 16	26 x 1.5	5/8"	16	62	16	28	13	27	HF/24-S-L18-DN16		25
CEL 22L 19	30 x 2.0	3/4"	19	71	18	32	15	32	HF/24-S-L22-DN19		10
CEL 28L 25	36 x 2.0	1"	25	80	19	33	20	41	HF/24-S-L28-DN25		5
CEL 35L 32	45 x 2.0	1.1/4"	32	93	23	39	26	46	HF/24-S-L35-DN31		5
CEL 42L 38	52 x 2.0	1.1/2"	38	100	26	42	32	55	HF/24-S-L42-DN38		2

AVAILABLE IN STAINLESS STEEL

DKOS METRIC HEAVY FITTINGS

VOSS

Higher pressure resistance and functional reliability, even under extreme operating conditions.

FEATURES

- Hose fittings with 24° taper & O-ring
- Fit in bore type
- W DIN 3861/ISO 434-1
- ISO 12151-2 (ISO 8434-1)

ADVANTAGES

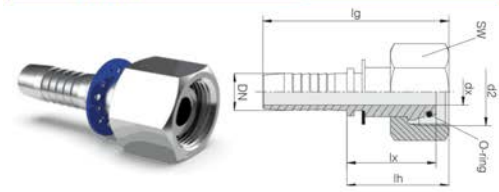
- Permanent stability thanks to metallic taper coupling on the fitting body & additional soft seal.
- Reliable over-tightening protection.
- Reduced work effort thanks to reduced tightening distances & tightening forces.
- Maximum tightness thanks to embedded FKM O-ring (standard).
- Improved leak-proofing & precision seal.
- Easy, fast & reliable installation.
- Repeat installations can be performed frequently without any issues.

VOSS

DKOS-

METRIC FEMALES 24° CONE DIN 3865 HEAVY WITH 'O' RING

DKOS METRIC FEMALES 24° CONE DIN 3865 LIGHT WITH 'O' RING



Part No.	Thread d2	Hose Bore Ins.	Hose Bore DN (mm	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	Nut AF SW	VOSS Designation	O-ring	Box Qty.
DKOS 08S 06	16 x 1.5	1/4"	6	56	28	26	4	19	HF/24-SWOS-S8-DN06	6 x 1,5	100
DKOS 10S 06	18 x 1.5	1/4"	6	58	30	28	4	22	HF/24-SWOS-S10-DN06	7.5 x 1,5	75
DKOS 12S 08	20 x 1.5	5/16"	8	57	29	27	6	24	HF/24-SWOS-S12-DN08	9 x 1,5	50
DKOS 12S 10	20 x 1.5	3/8"	10	59	29	28	7	24	HF/24-SWOS-S12-DN10	9 x 1,5	50
DKOS 14S 10	22 x 1.5	3/8"	10	65	35	31	7	27	HF/24-SWOS-S14-DN10	10 x 2	40
DKOS 16S 13	24 x 1.5	1/2"	12	65	36	32	10	30	HF/24-SWOS-S16-DN12	12 x 2	25
DKOS 20S 16	30 x 2	5/8"	16	75	41	38	13	36	HF/24-SWOS-S20-DN16	16,3 x 2,4	15
DKOS 20S 19	30 x 2	3/4"	19	81	42	39	14	36	HF/24-SWOS-S20-DN19	16,3 x 2,4	15
DKOS 25S 19	36 x 2	3/4"	19	87	48	42	15	46	HF/24-SWOS-S25-DN19	20,3 x 2,4	10
DKOS 25S 25	36 x 2	1"	25	89	42	36	18	46	HF/24-SWOS-S25-DN25	20,3 x 2,4	5
DKOS 30S 25	42 x 2	1"	25	98	51	43	20	50	HF/24-SWOS-S30-DN25	25,3 x 2,4	5
DKOS 38S 32	52 x 2	1.1/4"	31	114	59	50	26	60	HF/24-SWOS-S38-DN31	33,3 x 2,4	8

AVAILABLE IN STAINLESS STEEL

VOSS

DK0S 90-

90° METRIC FEMALES 24° CONE DIN 3865 HEAVY WITH 'O' RING

DKOS 90 90° METRIC FEMALES 24° CONE DIN 3865 HEAVY WITH 'O' RING

Part No.	Thread d2	Hose Bore Ins.	Hose Bore DN (mm	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	Nut AF SW	VOSS Designation	O-ring	Box Qty.
DKOS 90 08S 06	16 x 1.5	1/4"	6	55	34	27	4	19	HF/24-SWOE-S8-DN06	6 x 1,5	40
DKOS 90 10S 06	18 x 1.5	1/4"	6	55	34	27	4	22	HF/24-SWOE-S10-DN06	7,5 x 1,5	50
DKOS 90 12S 08	20 x 1.5	5/16"	8	58	35	30	6	24	HF/24-SWOE-S12-DN08	9 x 1,5	25
DKOS 90 12S 10	20 x 1.5	3/8	10	65	39	36	7	24	HF/24-SWOE-S12-DN10	9 x 1,5	30
DKOS 90 14S 10	22 x 1.5	3/8"	10	65	39	36	7	27	HF/24-SWOE-S14-DN10	10 x 2	25
DKOS 90 16S 13	24 x 1.5	1/2"	12	72	45	42	10	30	HF/24-SWOE-S16-DN12	12 x 2	20
DKOS 90 20S 16	30 x 2	5/8"	16	88	56	54	13	36	HF/24-SWOE-S20-DN16	16,3 x 2,4	25
DKOS 90 20S 19	30 x 2	3/4"	19	99	59	60	14	36	HF/24-SWOE-S20-DN19	16,3 x 2,4	15
DKOS 90 25S 19	36 x 2	3/4"	19	99	60	60	15	46	HF/24-SWOE-S25-DN19	20,3 x 2,4	5
DKOS 90 25S 25	36 x 2	1"	25	125	81	78	18	46	HF/24-SWOE-S25-DN25	20,3 x 2,4	8
DKOS 90 30S 25	42 x 2	1"	25	125	71	78	20	50	HF/24-SWOE-S30-DN25	25,3 x 2,4	8
DKOS 90 38S 32	52 x 2	1.1/4"	31	153	84	99	26	60	HF/24-SWOE-S38-DN31	33,3 x 2,4	4

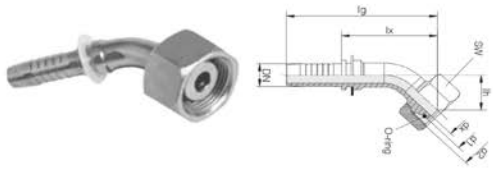
AVAILABLE IN STAINLESS STEEL

DKOS METRIC HEAVY FITTINGS

VOSS

DK0S 45-

45° METRIC FEMALES 24° CONE DIN 3865 HEAVY WITH 'O' RING



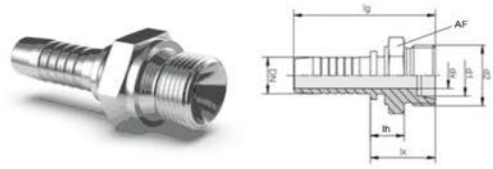
DKOS 45 — 45° METRIC FEMALES 24° CONE DIN 3865 HEAVY WITH 'O' RING											
Part No.	Thread d2	Hose Bore Ins.	Hose Bore DN (mm	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	Nut AF SW	VOSS Designation	O-ring	Box Qty.
DKOS 45 08S 06	16 x 1.5	1/4"	6	66	19	38	4	19	HF/24-SWOE45-S8-DN06	6 x 1,5	40
DKOS 45 10S 06	18 x 1.5	1/4"	6	65	18	37	4	22	HF/24-SWOE45-S10-DN06	7,5 x 1,5	30
DKOS 45 12S 08	20 x 1.5	5/16"	8	69	19	41	6	24	HF/24-SWOE45-S12-DN08	9 x 1,5	25
DKOS 45 12S 10	20 x 1.5	3/8	10	75	21	46	7	24	HF/24-SWOE45-S12-DN10	9 x 1,5	20
DKOS 45 14S 10	22 x 1.5	3/8"	10	76	21	46	7	27	HF/24-SWOE45-S14-DN10	10 x 2	25
DKOS 45 16S 13	24 x 1.5	1/2"	12	82	23	52	10	30	HF/24-SWOE45-S16-DN12	12 x 2	20
DKOS 45 20S 16	30 x 2	5/8"	16	99	28	65	13	36	HF/24-SWOE45-S20-DN16	16,3 x 2,4	10
DKOS 45 20S 19	30 x 2	3/4"	19	111	30	72	14	36	HF/24-SWOE45-S20-DN19	16,3 x 2,4	20
DKOS 45 25S 19	36 x 2	3/4"	19	111	30	72	15	46	HF/24-SWOE45-S25-DN19	20,3 x 2,4	7
DKOS 45 25S 25	36 x 2	1"	25	143	40	96	18	46	HF/24-SWOE45-S25-DN25	20,3 x 2,4	8
DKOS 45 30S 25	42 x 2	1"	25	135	34	88	20	50	HF/24-SWOE45-S30-DN25	25,3 x 2,4	8
DKOS 45 38S 32	52 x 2	1.1/4"	31	162	40	108	26	60	HF/24-SWOE45-S38-DN31	33,3 x 2,4	5

AVAILABLE IN STAINLESS STEEL

VOSS

CES-

MALES 74° DIN 3861 HEAVY



CES — MALES 24° DIN 3861 LIGHT											
Part No.	Thread d2	Hose Bore Ins.	Hose Bore DN (mm	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	Nut AF SW	VOSS Designation	O-ring	Box Qty.
CES 08S 06	16 x 1.5	1/4"	6	55	15	27	4	17	HF/24-S-S8-DN06		
CES 10S 06	18 x 1.5	1/4"	6	55	15	27	4	19	HF/24-S-S10-DN06		
CES 10S 08	18 x 1.5	5/16"	8	55	15	27	6	19	HF/24-S-S10-DN08		
CES 10S 10	18 x 1.5	3/8"	10	57	16	28	7	19	HF/24-S-S10-DN10		
CES 12S 08	20 x 1.5	5/16"	8	57	17	29	6	22	HF/24-S-S12-DN08		
CES 12S 10	20 x 1.5	3/8"	10	59	18	30	7	22	HF/24-S-S12-DN10		
CES 14S 10	22 x 1.5	3/8"	10	61	18	32	7	24	HF/24-S-S14-DN10		
CES 14S 13	22 x 1.5	1/2"	13	60	16	30	10	24	HF/24-S-S14-DN13		
CES 16S 13	24 x 1.5	1/2"	13	63	19	33	10	27	HF/24-S-S16-DN12		
CES 20S 16	30 x 2	5/8"	16	71	21	37	13	32	HF/24-S-S20-DN16		
CES 20S 19	30 x 2	3/4"	19	78	23	39	15	32	HF/24-S-S20-DN19		
CES 25S 19	36 x 2	3/4"	19	82	25	43	15	36	HF/24-S-S25-DN19		
CES 25S 25	36 x 2	1"	25	90	25	43	20	36	HF/24-S-S25-DN25		
CES 30S 25	42 x 2	1"	25	92	25	45	20	46	HF/24-S-S30-DN25		
CES 38S 32	52 x 2	1.1/4"	31	106	30	52	26	55	HF/24-S-S38-DN31		

AVAILABLE IN STAINLESS STEEL

VOSS

Higher pressure resistance and functional reliability, even under extreme operating conditions.

FEATURES

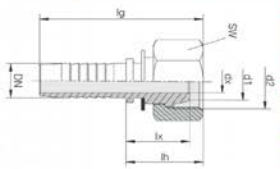
- Metric thread Hose fittings with Universal Taper.
- Used to fit in bore Type WDIN 3861/ISO 8434-1 and bore Type Y DIN 3863.
- DIN3868: 1982.

VOSS

DKML-

METRIC FEMALES MULTISEAL 24°/60° DIN 3868

DKML METRIC FEMALES MULTISEAL 24°/60° DIN 3868



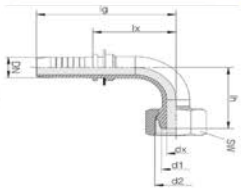
Part No.	Thread d2	Hose Bore Ins.	Hose Bore DN (mm)	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	Nut AF SW	VOSS Designation	Box Qty.
DKM/L 08L 06	14 x 1.5	1/4"	6	51	23	20	4	17	HF/24/60-SWS-L8-DN06	125
DKM/L 10L 06	16 x 1.5	1/4"	6	51	23	20	4	19	HF/24/60-SWS-L10-DN06	100
DKM/L 10L 08	16 x 1.5	5/16"	8	52	24	20	6	19	HF/24/60-SWS-L10-DN08	50
DKM/L 10L 10	16 x 1.5	3/8"	10	54	24	20	7	19	HF/24/60-SWS-L10-DN10	50
DKM/L 12L 08	18 x 1.5	5/16"	8	53	25	21	6	22	HF/24/60-SWS-L12-DN08	50
DKM/L 12L 10	18 x 1.5	3/8"	10	54	25	21	7	22	HF/24/60-SWS-L12-DN10	70
DKM/L 15L 10	22 x 1.5	3/8"	10	56	26	21	7	27	HF/24/60-SWS-L15-DN10	40
DKM/L 15L 13	22 x 1.5	1/2"	12	57	27	22	10	27	HF/24/60-SWS-L15-DN12	40
DKM/L 18L 16	26 x 1.5	5/8"	16	63	29	25	13	32	HF/24/60-SWS-L18-DN16	25

VOSS

DKML 90-

90° METRIC FEMALES 24°/60° DIN 3868

DKML 90 90° METRIC FEMALES MULTISEAL 24°60° DIN3868



Part No.	Thread d2	Hose Bore Ins.	Hose Bore DN (mm)	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	Nut AF SW	VOSS Designation	Box Qty.
DKM/L 90 08L 06	14 x 1.5	1/4"	6	55	30	27	4	17	HF/24/60-SWE-L8-DN06	50
DKM/L 90 10L 06	16 x 1.5	1/4"	6	56	30	28	4	19	HF/24/60-SWE-L10-DN06	50
DKM/L 90 10L 08	16 x 1.5	5/16"	8	58	30	30	6	19	HF/24/60-SWE-L10-DN08	40
DKM/L 90 10L 10	16 x 1.5	3/8"	10	63	38	34	7	19	HF/24/60-SWE-L10-DN10	40
DKM/L 90 12L 08	18 x 1.5	5/16"	8	58	31	30	6	22	HF/24/60-SWE-L12-DN08	30
DKM/L 90 12L 10	18 x 1.5	3/8"	10	64	35	35	7	22	HF/24/60-SWE-L12-DN10	40
DKM/L 90 15L 10	22 x 1.5	3/8"	10	64	36	35	7	27	HF/24/60-SWE-L15-DN10	30
DKM/L 90 15L 13	22 x 1.5	1/2"	12	72	40	42	10	27	HF/24/60-SWE-L15-DN12	20
DKM/L 90 18L 16	26 x 1.5	5/8"	16	88	50	54	13	32	HF/24/60-SWE-L18-DN16	25

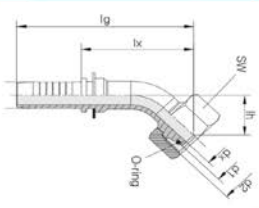
AVAILABLE IN STAINLESS STEEL

VOSS

DKML 45-

45° METRIC FEMALES 24°/60° DIN 3868

DKML 45 45° METRIC FEMALES MULTISEAL 24°/60° DIN 3868

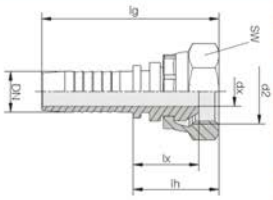


Part No.	Thread d2	Hose Bore Ins.	Hose Bore DN (mm)	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	Nut AF SW	VOSS Designation	Box Qty.
DKM/L 45 08L 06	14 x 1.5	1/4"	6	63	15	35	4	17	HF/24/60-SWE45-L8-DN06	50
DKM/L 45 10L 06	16 x 1.5	1/4"	6	63	16	35	4	19	HF/24/60-SWE45-L10-DN06	20
DKM/L 45 10L 08	16 x 1.5	5/16"	8	65	15	37	6	19	HF/24/60-SWE45-L10-DN08	50
DKM/L 45 10L 10	16 x 1.5	3/8"	10	73	20	43	7	19	HF/24/60-SWE45-L10-DN10	40
DKM/L 45 12L 08	18 x 1.5	5/16"	8	65	16	37	6	22	HF/24/60-SWE45-L12-DN08	20
DKM/L 45 12L 10	18 x 1.5	3/8"	10	71	18	42	7	22	HF/24/60-SWE45-L12-DN10	25
DKM/L 45 15L 10	22 x 1.5	3/8"	10	72	19	42	7	27	HF/24/60-SWE45-L15-DN10	30
DKM/L 45 15L 13	22 x 1.5	1/2"	12	80	19	50	10	27	HF/24/60-SWE45-L15-DN12	25
DKM/L 45 18L 16	26 x 1.5	5/8"	16	95	24	61	13	32	HF/24/60-SWE45-L18-DN16	15

AVAILABLE IN STAINLESS STEEL

DKOK-

METRIC FEMALE 60° INVERTED CONE (KOMATSU)



DKOK	METRIC FEMALE 60° INVERTED CONE (KOMATSU)										
Part No.	Thread d2	Hose Bore Ins.	Hose Bore DN (mm)	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	Nut AF SW	VOSS Designation	Box Qty.
DKOK 14 06	14 x 1.5	1/4"	6	50	16	14	4	19		100
DKOK 18 10	18 x 1.5	3/8"	10	51	23	20	4	19		150
DKOK 22 13	22 x 1.5	1/2"	13	57	23	22	10	27		100
DKOK 24 16	24 x 1.5	5/8"	16	57	23	22	13	32		60
DKOK 30 19	30 x 1.5	3/4"	19	64	25	21	15	36		50
DKOK 33 25	33 x 1.5	1"	25	73	27	23	20	41		50
DKOK 36 32	36 x 1.5	1.1/4"	32	86	30	27	26	46		25
DKOK 42 38	42 x 1.5	1.1/2"	38	90	31	29	32	55		25

STANDPIPE FITTINGS

VOSS

Can be used in tandem with a DIN compression fitting to connect a Steel Tube and flexible hose assembly.

FEATURES

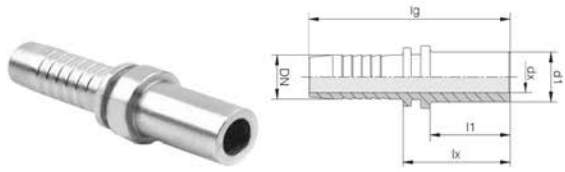
- Hose fittings with pipe attachment for cutting rings.
- ISO 8434-1
- Normally referred to as -Standpipes.

VOSS

BEL-

STANDPIPES FOR DIN 2353 FITTINGS LIGHT

BEL STANDPIPES FOR DIN 2353 FITTINGS LIGHT



Part No.	Hose Bore Ins.	Hose Bore DN (mm)	Dimensions lg	l1	lx	dx	d1	VOSS Designation	Box Qty.
BEL 06L 06	1/4"	6	58	23	30	4	6	HF/24-SWSX-L6-DN06	200
BEL 08L 06	1/4"	6	59	24	31	4	8	HF/24-SWSX-L8-DN06	200
BEL 10L 08	5/16"	8	60	25	32	6	10	HF/24-SWSX-L10-DN08	150
BEL 10L 10	3/8"	10	62	25	33	7	10	HF/24-SWSX-L10-DN10	250
BEL 12L 10	3/8"	10	63	25	33	7	12	HF/24-SWSX-L12-DN10	200
BEL 15L 10	3/8"	10	61	25	32	7	15	HF/24-SWSX-L15-DN10	175
BEL 15L 13	1/2"	12	63	25	34	10	15	HF/24-SWSX-L15-DN12	150
BEL 18L 13	1/2"	12	65	27	36	10	18	HF/24-SWSX-L18-DN12	100
BEL 18L 16	5/8"	16	70	27	36	13	18	HF/24-SWSX-L18-DN16	75
BEL 22L 16	5/8"	16	72	29	38	13	22	HF/24-SWSX-L22-DN16	30
BEL 22L 19	3/4"	19	79	29	40	15	22	HF/24-SWSX-L22-DN19	50
BEL 28L 25	1"	25	87	30	40	20	28	HF/24-SWSX-L28-DN25	30
BEL 35L 32	1.1/4"	31	103	36	49	26	35	HF/24-SWSX-L35-DN31	15
BEL 42L 38	1.1/2"	38	111	40	53	32	42	HF/24-SWSX-L42-DN38	10

AVAILABLE IN STAINLESS STEEL

VOSS

BEL 90-

90° STANDPIPES FOR DIN 2353 FITTINGS LIGHT

BES 90 90° STANDPIPES FOR DIN 2353 FITTINGS HEAVY

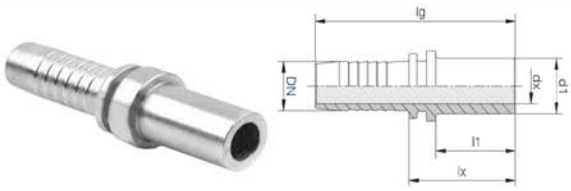
Part No.	Hose Bore Ins.	Hose Bore DN (mm)	Dimensions lg	l1	lx	dx	d1	VOSS Designation	Box Qty.
BES 90 08S 06	1/4"	6	57	43	29	4	8	HF/24-SWEX-S08-DN06	50
BES 90 10S 06	1/4"	6	57	44	29	4	10	HF/24-SWEX-S10-DN06	50
BES 90 12S 06	1/4"	6	57	44	29	4	12	HF/24-SWEX-S12-DN06	70
BES 90 12S 08	5/16"	8	58	46	30	6	12	HF/24-SWEX-S12-DN08	40
BES 90 14S 10	3/8"	10	63	55	34	7	14	HF/24-SWEX-S14-DN10	25
BES 90 14S 13	1/2"	13	72	60	42	10	14	HF/24-SWEX-S14-DN12	25
BES 90 16S 13	1/2"	13	72	63	42	10	16	HF/24-SWEX-S16-DN12	25
BES 90 20S 16	5/8"	16	87	78	53	13	20	HF/24-SWEX-S20-DN16	15
BES 90 20S 19	3/4"	19	99	81	60	15	20	HF/24-SWEX-S20-DN19	10
BES 90 25S 19	3/4"	19	99	85	60	15	25	HF/24-SWEX-S25-DN19	8
BES 90 25S 25	1"	25	126	96	79	20	25	HF/24-SWEX-S25-DN25	8
BES 90 30S 25	1"	25	126	101	79	20	30	HF/24-SWEX-S30-DN25	8

AVAILABLE IN STAINLESS STEEL

BES-

STANDPIPES FOR DIN 2353 FITTINGS HEAVY

BES STANDPIPES FOR DIN 2353 FITTINGS HEAVY



Part No.	Hose Bore Ins.	Hose Bore DN (mm)	Dimensions lg	l1	lx	dx	d1	VOSS Designation	Box Qty.
BES 08S 06	1/4"	6	59	24	31	4	8	HF/24-SWSX-S08-DN06	
BES 10S 06	1/4"	6	61	25	33	4	10	HF/24-SWSX-S10-DN06	
BES 12S 06	1/4"	6	60	25	32	4	12	HF/24-SWSX-S12-DN06	
BES 12S 08	5/16"	8	60	25	32	6	12	HF/24-SWSX-S12-DN08	
BES 14S 10	3/8"	10	66	29	37	7	14	HF/24-SWSX-S14-DN10	
BES 14S 13	1/2"	12	67	29	38	10	14	HF/24-SWSX-S14-DN12	
BES 16S 13	1/2"	12	70	32	41	10	16	HF/24-SWSX-S16-DN12	
BES 20S 16	5/8"	16	79	36	45	13	20	HF/24-SWSX-S20-DN16	
BES 20S 19	3/4"	19	86	36	47	15	20	HF/24-SWSX-S20-DN19	
BES 25S 19	3/4"	19	90	40	51	15	25	HF/24-SWSX-S25-DN19	
BES 25S 25	1"	25	97	40	50	20	25	HF/24-SWSX-S25-DN25	
BES 30S 25	1"	25	102	45	55	20	30	HF/24-SWSX-S30-DN25	
BES 38S 32	1.1/4"	31	117	50	63	26	38	HF/24-SWSX-S38-DN31	

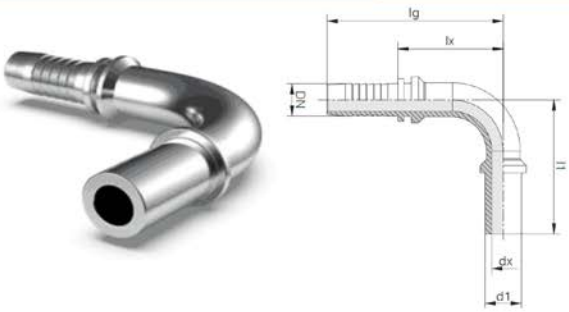
AVAILABLE IN STAINLESS STEEL

VOSS

BES 90-

90° STANDPIPES FOR DIN 2353 FITTINGS HEAVY

BES 90 90° STANDPIPES FOR DIN 2353 FITTINGS HEAVY



Part No.	Hose Bore Ins.	Hose Bore DN (mm)	Dimensions lg	l1	lx	dx	d1	VOSS Designation	Box Qty.
BES 90 08S 06	1/4"	6	57	43	29	4	8	HF/24-SWEX-S08-DN06	50
BES 90 10S 06	1/4"	6	57	44	29	4	10	HF/24-SWEX-S10-DN06	50
BES 90 12S 06	1/4"	6	57	44	29	4	12	HF/24-SWEX-S12-DN06	70
BES 90 12S 08	5/16"	8	58	46	30	6	12	HF/24-SWEX-S12-DN08	40
BES 90 14S 10	3/8"	10	63	55	34	7	14	HF/24-SWEX-S14-DN10	25
BES 90 14S 13	1/2"	13	72	60	42	10	14	HF/24-SWEX-S14-DN12	25
BES 90 16S 13	1/2"	13	72	63	42	10	16	HF/24-SWEX-S16-DN12	25
BES 90 20S 16	5/8"	16	87	78	53	13	20	HF/24-SWEX-S20-DN16	15
BES 90 20S 19	3/4"	19	99	81	60	15	20	HF/24-SWEX-S20-DN19	10
BES 90 25S 19	3/4"	19	99	85	60	15	25	HF/24-SWEX-S25-DN19	8
BES 90 25S 25	1"	25	126	96	79	20	25	HF/24-SWEX-S25-DN25	8
BES 90 30S 25	1"	25	126	101	79	20	30	HF/24-SWEX-S30-DN25	8

AVAILABLE IN STAINLESS STEEL

ORFS (O-Ring Face Seal) fittings have a straight thread and a flat face with an O-ring groove machined in the flat face. Sealing takes place by compressing the O-ring onto the flat face of the female connector.

FEATURES

- Exceeds SAE J1453 and ISO 8434-3.
- Sealing takes place by compressing the O-ring.
- Provides a connection between steel tubing and SAE J1926/ ISO 11926-1 O-Ring Ports.

ADVANTAGES

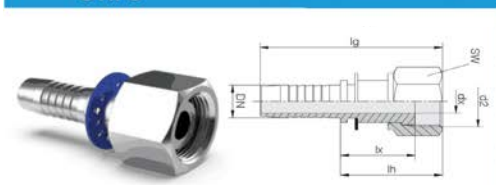
- Reliable over-tightening protection.
- Reduced work effort thanks to reduced tightening distances & tightening forces.
- Maximum tightness thanks to embedded FKM O-ring (standard).
- Improved leak-proofing & precision seal.
- Higher pressure resistance & functional reliability, even under extreme operating conditions.
- Easy, fast & reliable installation repeat installations can be performed frequently without any issues.

VOSS

ORFS-

FACE SEAL FEMALE FITTINGS ISO 12151-1 (ISO 8434-3

ORFS FACE SEAL FEMALE FITTINGS ISO 12151-1 (ISO 8434-3)



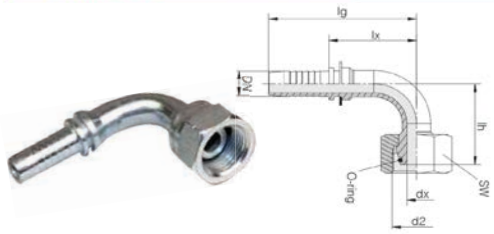
Part No.	Thread d2	Hose Bore Ins.	Hose Bore DN (mm	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	Nut AF SW	VOSS Designation	O-ring	Box Qty.
ORFS 09 06	9/16"	1/4"	6	58	30	22	4	17	HF/90-SWS-6-DN06		60
ORFS 11 06	11/16"	1/4"	6	60	32	24	4	22	HF/90-SWS-10-DN06		50
ORFS 11 08	11/16"	5/16"	8	60	32	24	6	22	HF/90-SWS-10-DN08		50
ORFS 11 10	11/16"	3/8"	10	62	32	24	7	22	HF/90-SWS-10-DN10		50
ORFS 13 10	13/16"	3/8"	10	66	37	27	7	24	HF/90-SWS-12-DN10		30
ORFS 13 13	13/16"	1/2"	12	67	38	28	10	24	HF/90-SWS-12-DN12		30
ORFS 16 13	1"	1/2"	12	74	44	32	10	30	HF/90-SWS-16-DN12		30
ORFS 16 16	1"	5/8"	16	78	44	32	13	30	HF/90-SWS-16-DN16		30
ORFS 19 13	1.3/16"	1/2"	12	79	50	36	10	36	HF/90-SWS-20-DN12		20
ORFS 19 19	1.3/16"	3/4"	19	88	49	36	15	36	HF/90-SWS-20-DN19		15
ORFS 23 19	1.7/16"	3/4"	19	91	52	39	15	41	HF/90-SWS-25-DN19		10
ORFS 23 25	1.7/16"	1"	25	97	50	37	20	41	HF/90-SWS-25-DN25		15
ORFS 27 32	1.11/16"	1.1/4"	31	106	52	38	26	50	HF/90-SWS-30-DN31		10
ORFS 32 38	2"	1.1/2"	38	110	52	38	32	60	HF/90-SWS-38-DN38		4

VOSS

ORFS 90-

FACE SEAL 90° FEMALE FITTINGS ISO 12151-1 (ISO 8434-3)

ORFS 90 — FACE SEAL FEMALE 90° FITTINGS ISO 12151-1 (ISO 8434-3)



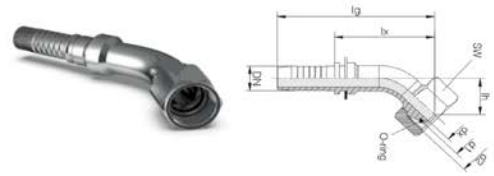
Part No.	Thread d2	Hose Bore Ins.	Hose Bore DN (mm	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	Nut AF SW	VOSS Designation	O-ring	Box Qty.
ORFS 90 09 06	9/16"	1/4"	6	55	27	27	4	17	HF/90-SWE-6-DN06		40
ORFS 90 11 06	11/16"	1/4"	6	55	28	27	4	22	HF/90-SWE-10-DN06		30
ORFS 90 11 08	11/16"	5/16"	8	58	28	30	6	22	HF/90-SWE-10-DN08		30
ORFS 90 11 10	11/16"	3/8	10	64	32	35	7	22	HF/90-SWE-10-DN10		40
ORFS 90 13 10	13/16"	3/8"	10	64	33	35	7	24	HF/90-SWE-12-DN10		20
ORFS 90 13 13	13/16"	1/2"	12	72	37	42	10	24	HF/90-SWE-12-DN12		30
ORFS 90 16 13	1"	1/2"	12	73	41	43	10	30	HF/90-SWE-16-DN12		20
ORFS 90 16 16	1"	5/8"	16	88	48	54	13	30	HF/90-SWE-16-DN16		10
ORFS 90 19 13	1.3/16"	1/2"	12	72	44	42	10	36	HF/90-SWE-20-DN12		10
ORFS 90 19 19	1.3/16"	3/4"	19	100	52	61	15	36	HF/90-SWE-20-DN19		15
ORFS 90 23 19	1.7/16"	3/4"	19	99	56	60	15	41	HF/90-SWE-25-DN19		5
ORFS 90 23 25	1.7/16"	1"	25	125	66	78	20	41	HF/90-SWE-25-DN25		8
ORFS 90 27 32	1.11/16"	1.1/4"	31	152	76	97	26	50	HF/90-SWE-30-DN31		5
ORFS 90 32 38	2"	1.1/2"	38	177	89	119	32	60	HF/90-SWE-38-DN38		3

VOSS

ORFS 45-

FACE SEAL FEMALE 45° FITTINGS ISO 12151-1 (ISO 8434-3)

ORFS 45 — FACE SEAL FEMALE 45° FITTINGS ISO 12151-1 (ISO 8434-3)



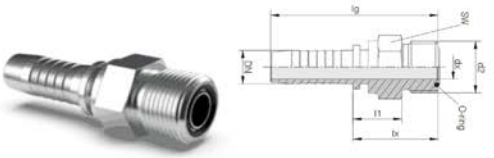
Part No.	Thread d2	Hose Bore Ins.	Hose Bore DN (mm	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	Nut AF SW	VOSS Designation	O-ring	Box Qty.
ORFS 45 09 06	9/16"	1/4"	6	60	13	32	4	17	HF/90-SWE45-6-DN06		50
ORFS 45 11 06	11/16"	1/4"	6	61	14	33	4	22	HF/90-SWE45-10-DN06		40
ORFS 45 11 10	11/16"	3/8	10	69	16	40	7	22	HF/90-SWE45-10-DN10		25
ORFS 45 13 10	13/16"	3/8"	10	70	17	40	7	24	HF/90-SWE45-12-DN10		20
ORFS 45 13 13	13/16"	1/2"	12	77	17	48	10	24	HF/90-SWE45-12-DN12		20
ORFS 45 16 13	1"	1/2"	12	81	20	51	10	30	HF/90-SWE45-16-DN12		20
ORFS 45 16 16	1"	5/8"	16	94	23	60	13	30	HF/90-SWE45-16-DN16		20
ORFS 45 19 19	1.3/16"	3/4"	19	104	25	65	15	36	HF/90-SWE45-20-DN19		10
ORFS 45 23 25	1.7/16"	1"	25	131	28	84	20	41	HF/90-SWE45-25-DN25		5
ORFS 45 27 32	1.11/16"	1.1/4"	31	155	34	101	26	50	HF/90-SWE45-30-DN31		3
ORFS 45 32 38	2"	1.1/2"	38	177	38	119	32	60	HF/90-SWE45-38-DN38		3

VOSS

AORFS-

FACE SEAL MALE FITTINGS ISO 12151-1 (ISO 8434-3)

AORFS — FACE SEAL MALE FITTINGS ISO 12151-1 (ISO 8434-3)



Part No.	Thread d2	Hose Bore Ins.	Hose Bore DN (mm	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	Nut AF SW	VOSS Designation	O-ring	Box Qty.
AORFS 09 06	9/16"	1/4"	6	53	15	25	4	17	HF/90-S-6-DN06	7,65 x 1,78	50
AORFS 11 06	11/16"	1/4"	6	54	15	26	4	19	HF/90-S-10-DN06	9,25 x 1,78	50
AORFS 11 08	11/16"	5/16"	8	54	15	26	6	19	HF/90-S-10-DN08	9,25 x 1,78	50
AORFS 11 10	11/16"	3/8"	10	56	16	27	7	19	HF/90-S-10-DN10	9,25 x 1,78	50
AORFS 13 13	13/16"	1/2"	12	60	18	31	10	22	HF/90-S-12-DN12	12,42 x 1,78	25
AORFS 16 16	1"	5/8"	16	68	19	34	13	27	HF/90-S-16-DN16	15,60 x 1,78	25
AORFS 19 19	1.3/16"	3/4"	19	78	22	39	15	32	HF/90-S-20-DN19	18,77 x 1,78	50
AORFS 23 25	1.7/16"	1"	25	91	26	44	20	41	HF/90-S-25-DN25	23,52 x 1,78	15
AORFS 27 32	1.11/16"	1.1/4"	31	102	30	47	26	46	HF/90-S-30-DN31	29,87 x 1,78	10
AORFS 32 38	2"	1.1/2"	38	109	34	51	32	55	HF/90-S-38-DN38	37,82 x 1,78	5

VOSS

Jet washing fittings used on all high pressure cleaning machines.

FEATURES

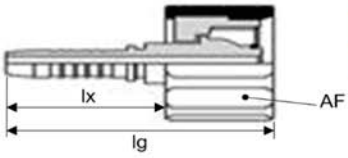
- Plastic coated for ease of removal.
- Standard M22 x 1.5 thread.

VOSS

DKK-

JETWASH COUPLING COMPLETE

DKK JETWASH COUPLING COMPLETE



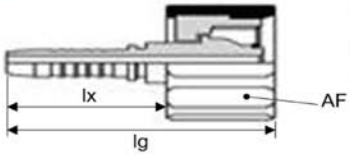
Part No.	Thread d2	Hose Bore Ins.	Hose Bore DN (mm)	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	Nut AF SW
DKK 22 06	22x1.5	1/4"	6	61	30	28	4	35
DKK 22 08	22x1.5	5/16"	8	63	33	30	6	35
DKK 22 10	22x1.5	3/8"	10	63	33	30	7	35

VOSS

DKKL-

JETWASH COUPLING COMPLETE (LONG TYPE)

DKKL JETWASH COUPLING COMPLETE (Long Type)



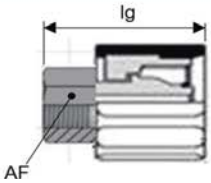
Part No.	Thread d2	Hose Bore Ins.	Hose Bore DN (mm)	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	Nut AF SW
DKKL 22 06	22x1.5	1/4"	6	66	33	30	4	35
DKKL 22 08	22x1.5	5/16"	8	66	36	32	6	35
DKKL 22 10	22x1.5	3/8"	10	66	36	32	7	35

VOSS

KF - KM ADAPTORS

22MM KARCHER TO BSP FEMALE

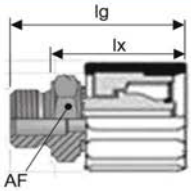
KF 22mm KARCHER TO BSP FEMALE ADAPTPR



Part No.	Thread d2	Hose Bore Ins.	Hose Bore DN (mm)	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	Nut AF SW
KF 22 04	22x1.5	1/4"	6	40		31		11
KF 22 06	22x1.5	3/8"	10	40		31		11

22MM KARCHER TO BSP MALE

KM 22mm KARCHER TO BSP MALE ADAPTPR



Part No.	Thread d2	Hose Bore Ins.	Hose Bore DN (mm)	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	Nut AF SW
KM 22 04	22x1.5	1/4"	6	43				11
KM 22 06	22x1.5	3/8"	10	43				11

SAE 3000 PSI FLANGE FITTINGS

VOSS

Can be used in tandem with a Split clamps. The split clamps make it easy to assemble the connection in close quarters.

They also make removal of the flange head component, such as the hose assembly, easy by loosening all four bolts. Due to this usage of the O-ring, flanges with O-rings has an advantage over metal to metal flanges as all-metal flanges are more prone to leakage because they must be tightened to a higher, yet narrower torque range.

FEATURES

- Hose fittings with SAE flange
- FL3 Standard series (3000 PSI)
- ISO 12151-3 (ISO 6162-1)
- SAE J518

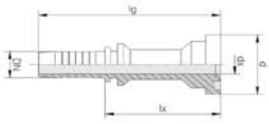
ADVANTAGES

- Leak free Advantages
- Higher pressure resistance & functional reliability, even under extreme operating conditions.
- Ease of assembly.
- Maximum tightness thanks to FKM O-ring (standard).
- Reliable over-tightening protection.
- Repeat installations can be performed frequently without any issues.

VOSS

FL3-

SAE J518 FLANGES 3000 PSI FLANGE FITTINGS (CODE61)



Part No.	Flange Size	Flange Head Dia. mm (d)	Hose Bore Ins.	Hose Bore DN (mm	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	Nut AF SW	VOSS Designation	Box Qty.
FL3 SAE J518 FLANGES 3000 PSI (Code 61)											
FL3 08 13	1/2"	30.1	1/2"	12	80.5		51	10		HF/F-S-DN12-3S1/2	20
FL3 12 13	3/4"	38.1	1/2"	12	86		56	10		HF/F-S-DN12-3S3/4	10
FL3 12 16	3/4"	38.1	5/8"	16	90		56	13		HF/F-S-DN16-3S3/4	10
FL3 12 19	3/4"	38.1	3/4"	19	97		58	15		HF/F-S-DN19-3S3/4	10
FL3 16 19	1"	44.4	3/4"	19	100		61	15		HF/F-S-DN19-3S1	10
FL3 16 25	1"	44.4	1"	25	111		64	20		HF/F-S-DN25-3S1	15
FL3 20 25	1.1/4"	50.8	1"	25	114		67	20		HF/F-S-DN25-3S11/4	5
FL3 20 32	1.1/4"	50.8	1.1/4"	31	126		71	26		HF/F-S-DN31-3S11/4	10
FL3 24 32	1.1/2"	60.3	1.1/4"	31	129		74	26		HF/F-S-DN31-3S11/2	8
FL3 24 38	1.1/2"	60.3	1.1/2"	38	135		77	32		HF/F-S-DN38-3S11/2	6
FL3 32 38	2"	71.4	1.1/2"	38	138		80	32		HF/F-S-DN38-3S2	4
FL3 32 50	2"	71.4	2"	51	153		81	42		HF/F-S-DN51-3S2	4

AVAILABLE IN STAINLESS STEEL

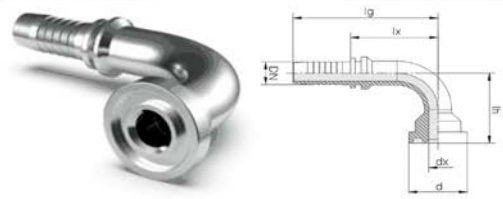
SAE 3000 PSI FLANGE FITTINGS

VOSS

FL3 90-

90° SAE J518 FLANGES 3000 PSI FITTINGS (CODE61)

FL3 90 — 90° SAE J 518 FLANGES 3000 PSI (Code 61)



Part No.	Flange Size	Flange Head Dia. mm (d)	Hose Bore Ins.	Hose Bore DN (mm	Dimensions lg	lh	lx	dx	Nut AF SW	VOSS Designation	Box Qty.
FL3 90 08 13	1/2"	30.1	1/2"	13	72	44	42	10		HF/F-E-DN12-3S1/2	10
FL3 90 12 13	3/4"	38.1	1/2"	12	72	49	42	10		HF/F-E-DN12-3S3/4	15
FL3 90 12 16	3/4"	38.1	5/8"	16	87	55	53	13		HF/F-E-DN16-3S3/4	10
FL3 90 12 19	3/4"	38.1	3/4"	19	99	57	60	15		HF/F-E-DN19-3S3/4	15
FL3 90 16 19	1"	44.4	3/4"	19	99	60	60	15		HF/F-E-DN19-3S1	15
FL3 90 16 25	1"	44.4	1"	25	126	68	79	20		HF/F-E-DN25-3S1	10
FL3 90 20 25	1.1/4"	50.8	1"	25	126	70	79	20		HF/F-E-DN25-3S11/4	8
FL3 90 20 32	1.1/4"	50.8	1.1/4"	31	150	79	96	26		HF/F-E-DN31-3S11/4	5
FL3 90 24 32	1.1/2"	60.3	1.1/4"	31	151	85	96	26		HF/F-E-DN31-3S11/2	4
FL3 90 24 38	1.1/2"	60.3	1.1/2"	38	169	99	111	32		HF/F-E-DN38-3S11/2	6
FL3 90 32 38	2"	71.4	1.1/2"	38	172	101	114	32		HF/F-E-DN38-3S2	5
FL3 90 32 50	2"	71.4	2"	51	216	116	144	42		HF/F-E-DN51-3S2	3

AVAILABLE IN STAINLESS STEEL

VOSS

FL3 45-

45° SAE J518 FLANGES 3000 PSI FITTINGS (CODE61)

FL3 45 — 45° SAE J518 FLANGES 3000 PSI (Code 61)

Part No.	Flange Size	Flange Head Dia. mm (d)	Hose Bore Ins.	Hose Bore DN (mm	Dimensions lg	lh	lx	dx	Nut AF SW	VOSS Designation	Box Qty.
FL3 45 08 13	1/2"	30.1	1/2"	12	81	21	52	10		HF/F-E45-DN12-3S1/2	10
FL3 45 12 13	3/4"	38.1	1/2"	12	85	25	55	10		HF/F-E45-DN12-3S3/4	20
FL3 45 12 16	3/4"	38.1	5/8"	16	98	28	64	13		HF/F-E45-DN16-3S3/4	10
FL3 45 12 19	3/4"	38.1	3/4"	19	108	28	69	15		HF/F-E45-DN19-3S3/4	20
FL3 45 16 19	1"	44.4	3/4"	19	110	30	71	15		HF/F-E45-DN19-3S1	8
FL3 45 16 25	1"	44.4	1"	25	132	31	85	20		HF/F-E45-DN25-3S1	10
FL3 45 20 25	1.1/4"	50.8	1"	25	134	32	87	20		HF/F-E45-DN25-3S11/4	10
FL3 45 20 32	1.1/4"	50.8	1.1/4"	31	156	36	101	26		HF/F-E45-DN31-3S11/4	5
FL3 45 24 32	1.1/2"	60.3	1.1/4"	31	160	40	106	26		HF/F-E45-DN31-3S11/2	4
FL3 45 24 38	1.1/2"	60.3	1.1/2"	38	170	46	112	32		HF/F-E45-DN38-3S11/2	3
FL3 45 32 38	2"	71.4	1.1/2"	38	182	46	124	32		HF/F-E45-DN38-3S2	2
FL3 45 32 50	2"	71.4	2"	51	217	50	144	42		HF/F-E45-DN51-3S2	5

AVAILABLE IN STAINLESS STEEL

VOSS

FSC3-

FLANGE SPLIT CLAMPS 3000 PSI (CODE61)

FSC3 — FLANGE SPLIT CLAMPS 3000 PSI (Code 62)

Part No.	Flange Size	Flange Head Dia. mm (d)	Hose Bore Ins.	Hose Bore DN (mm)	Dimensions lg	lh	lx	dx	E	dx	VOSS Designation
FSC 6 08	1/2"	30.2			57	38.1	31	24.3	8.7	13	
FSC 6 12	3/4"	38.1			66	47.6	38.9	32.2	11.1	14	
FSC 6 16	1"	44.5			71	52.4	45.3	38.5	13.1	16	
FSC 6 20	1.1/4"	50.8			80	58.7	51.6	43.7	15.1	14	
FSC 6 24	1.1/2"	60.3			95	70	61.1	50.8	17.8	16	
FSC 6 32	2"	71.4			103	77.8	72.3	62.8	21.4	16	

SAE 6000 PSI FLANGE FITTINGS

VOSS

Can be used in tandem with a Split clamps. The split clamps make it easy to assemble the connection in close quarters.

They also make removal of the flange head component, such as the hose assembly, easy by loosening all four bolts. Due to this usage of the O-ring, flanges with O-rings has an advantage over metal to metal flanges as all-metal flanges are more prone to leakage because they must be tightened to a higher, yet narrower torque range.

FEATURES

- Hose fittings with SAE flange.
- FL6 Standard series (6000 PSI)
- ISO 12151-3 (ISO 6162-1)
- SAE J518

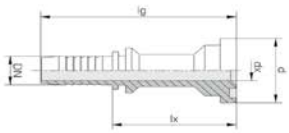
ADVANTAGES

- Leak free Advantages
- Higher pressure resistance and functional reliability, even under extreme operating conditions.
- Ease of assembly.
- Maximum tightness thanks to FKM O-ring (standard).
- Reliable over-tightening protection.
- Repeat installations can be performed frequently without any issues.

VOSS

FL6-

SAE J518 FLANGES 3000 PSI FLANGE FITTINGS (CODE61)



FL6	SAE J518 FLANGES 6000 PSI (Code 62)								
Part No.	Flange Size	Flange Head Dia. mm (d)	Hose Bore Ins.	Hose Bore DN (mm)	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	VOSS Designation
FL6 08 13	1/2"	31.7	1/2"	12	82		52	10	HF/F-S-DN12-6S1/2
FL6 12 13	3/4"	41.3	1/2"	12	90		60	10	HF/F-S-DN12-6S3/4
FL6 12 16	3/4"	41.3	5/8"	16	97		63	13	HF/F-S-DN16-6S3/4
FL6 12 19	3/4"	41.3	3/4"	19	105		66	15	HF/F-S-DN19-6S3/4
FL6 16 19	1"	47.6	3/4"	19	109		70	15	HF/F-S-DN19-6S1
FL6 16 25	1"	47.6	1"	25	122		75	20	HF/F-S-DN25-6S1
FL6 20 25	1.1/4"	54.0	1"	25	126		79	20	HF/F-S-DN25-6S11/4
FL6 20 32	1.1/4"	54.0	1.1/4"	31	138		84	26	HF/F-S-DN31-6S11/4
FL6 24 32	1.1/2"	63.5	1.1/4"	31	143		88	26	HF/F-S-DN31-6S11/2
FL6 24 38	1.1/2"	63.5	1.1/2"	38	151		93	32	HF/F-S-DN38-6S11/2
FL6 32 38	2"	79.4	1.1/2"	38	155		97	32	HF/F-S-DN38-6S2
FL6 32 50	2"	79.4	2"	51	174		102	42	HF/F-S-DN51-6S2

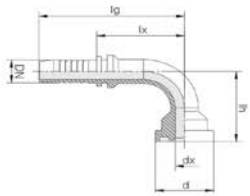
AVAILABLE IN STAINLESS STEEL

VOSS

FL6 90-

90° SAE J518 FLANGES 6000 PSI FITTINGS (CODE62)

FL6 90 — 90° SAE J 518 FLANGES 6000 PSI (Code 62)



Part No.	Flange Size	Flange Head Dia. mm (d)	Hose Bore Ins.	Hose Bore DN (mm)	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	VOSS Designation
FL6 90 08 13	1/2"	31.7	1/2"	12	72	45	42	10	HF/F-E-DN12-6S1/2
FL6 90 12 13	3/4"	41.3	1/2"	12	72	53	42	10	HF/F-E-DN12-6S3/4
FL6 90 12 16	3/4"	41.3	5/8"	16	87	59	53	13	HF/F-E-DN16-6S3/4
FL6 90 12 19	3/4"	41.3	3/4"	19	99	61	60	15	HF/F-E-DN19-6S3/4
FL6 90 16 19	1"	47.6	3/4"	19	99	67	60	15	HF/F-E-DN19-6S1
FL6 90 16 25	1"	47.6	1"	25	126	75	79	20	HF/F-E-DN25-6S1
FL6 90 20 25	1.1/4"	54.0	1"	25	126	82	79	20	HF/F-E-DN25-6S11/4
FL6 90 20 32	1.1/4"	54.0	1.1/4"	31	151	91	96	26	HF/F-E-DN31-6S11/4
FL6 90 24 32	1.1/2"	63.5	1.1/4"	31	151	99	96	26	HF/F-E-DN31-6S11/2
FL6 90 24 38	1.1/2"	63.5	1.1/2"	38	176	109	118	32	HF/F-E-DN38-6S11/2
FL6 90 32 38	2"	79.4	1.1/2"	38	176	125	118	32	HF/F-E-DN38-6S2
FL6 90 32 50	2"	79.4	2"	51	220	140	147	42	HF/F-E-DN51-6S2

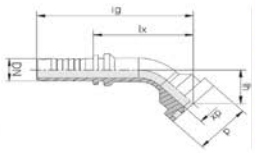
AVAILABLE IN STAINLESS STEEL

VOSS

FL6 45-

45° SAE J518 FLANGES 6000 PSI FITTINGS (CODE62)

FL6 45 — 45° SAE J518 FLANGES 6000 PSI (Code 62)



Part No.	Flange Size	Flange Head Dia. mm (d)	Hose Bore Ins.	Hose Bore DN (mm)	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	VOSS Designation
FL6 45 08 13	1/2"	31.7	1/2"	12	82	22	53	10	HF/F-E45-DN12-6S1/2
FL6 45 12 13	3/4"	41.3	1/2"	12	88	28	58	10	HF/F-E45-DN12-6S3/4
FL6 45 12 16	3/4"	41.3	5/8"	16	101	31	67	13	HF/F-E45-DN16-6S3/4
FL6 45 12 19	3/4"	41.3	3/4"	19	112	31	73	15	HF/F-E45-DN19-6S3/4
FL6 45 16 19	1"	47.6	3/4"	19	115	35	76	15	HF/F-E45-DN19-6S1
FL6 45 16 25	1"	47.6	1"	25	137	36	90	20	HF/F-E45-DN25-6S1
FL6 45 20 25	1.1/4"	54.0	1"	25	142	41	95	20	HF/F-E45-DN25-6S11/4
FL6 45 20 32	1.1/4"	54.0	1.1/4"	31	164	44	110	26	HF/F-E45-DN31-6S11/4
FL6 45 24 32	1.1/2"	63.5	1.1/4"	31	170	51	116	26	HF/F-E45-DN31-6S11/2
FL6 45 24 38	1.1/2"	63.5	1.1/2"	38	190	52	132	32	HF/F-E45-DN38-6S11/2
FL6 45 32 38	2"	79.4	1.1/2"	38	201	64	143	32	HF/F-E45-DN38-6S2
FL6 45 32 50	2"	79.4	2"	51	236	68	164	42	HF/F-E45-DN51-6S2

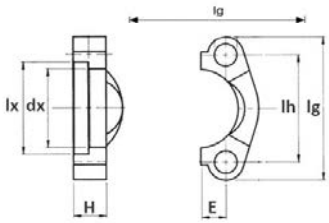
AVAILABLE IN STAINLESS STEEL

VOSS

FSC6-

FLANGE SPLIT CLAMPS 6000 PSI (CODE62)

FSC6 — FLANGE SPLIT CLAMPS 6000 PSI (Code 62)



Part No.	Flange Size	Flange Head Dia. mm (d)	Hose Bore Ins.	Hose Bore DN (mm)	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	VOSS Designation
FSC 6 08	1/2"				57	40	47	18.3	
FSC 6 12	3/4"				71	50.8	53	23.8	
FSC 6 16	1"				80	57.1	66	27.8	
FSC 6 20	1.1/4"				94	66.7	77	31.6	
FSC 6 24	1.1/2"				103	79.4	89	36.7	
FSC 6 32	2"				135	96.8	123	44.4	

CAT FLANGE FITTINGS

VOSS

Can be used in tandem with a Split clamps. The split clamps make it easy to assemble the connection in close quarters.

FEATURES

- Hose fittings with CAT flange.
- FLCAT High Pressure Series (9000 PSI)
- ISO 12151-3 (ISO 6162-1)
- SAE J518

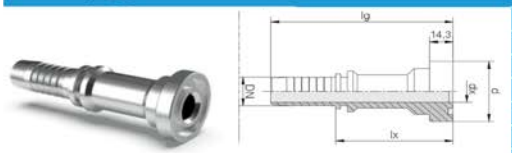
ADVANTAGES

- Leak free Advantages.
- Higher pressure resistance and functional reliability, even under extreme operating conditions.
- Ease of assembly.
- Maximum tightness thanks to FKM O-ring (standard).
- Reliable over-tightening protection.
- Repeat installations can be performed frequently without any issues.

VOSS

FLC-
FLANGES TYPE CAT

FLC — FLANGES TYPE CAT



Part No.	Flange Size	Flange Head Dia. mm (d)	Hose Bore Ins.	Hose Bore DN (mm)	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	Nut AF SW	VOSS Designation	Box Qty.
FLC 12 19	3/4"	41.3	3/4"	19	110		71	15		HF/F-CS-DN19-6S3/4	20
FLC 16 19	1"	47.6	3/4"	19	115		76	15		HF/F-CS-DN19-6S1	15
FLC 16 25	1"	47.6	1"	25	127		80	20		HF/F-CS-DN25-6S1	10
FLC 20 25	1.1/4"	54.0	1"	25	132		85	20		HF/F-CS-DN25-6S11/4	10
FLC 20 32	1.1/4"	54.0	1.1/4"	31	144		89	26		HF/F-CS-DN31-6S11/4	8
FLC 24 32	1.1/2"	63.5	1.1/4"	31	148		94	26		HF/F-CS-DN31-6S11/2	5
FLC 24 38	1.1/2"	63.5	1.1/2"	38	156		98	32		HF/F-CS-DN38-6S11/2	5

VOSS

FLC 90-
90° FLANGES TYPE CAT

FLC 90 — 90° FLANGES TYPE CAT

Part No.	Flange Size	Flange Head Dia. mm (d)	Hose Bore Ins.	Hose Bore DN (mm)	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	Nut AF SW	VOSS Designation	Box Qty.
FLC 90 12 19	3/4"	41.3	3/4"	19	99	67	60	15		HF/F-CE-DN19-6S3/4	10
FLC 90 16 19	1"	47.6	3/4"	19	99	72	60	15		HF/F-CE-DN19-6S1	10
FLC 90 16 25	1"	47.6	1"	25	126	79	79	20		HF/F-CE-DN25-6S1	8
FLC 90 20 25	1.1/4"	54.0	1"	25	126	86	79	20		HF/F-CE-DN25-6S11/4	6
FLC 90 20 32	1.1/4"	54.0	1.1/4"	31	151	95	96	26		HF/F-CE-DN31-6S11/4	4
FLC 90 24 32	1.1/2"	63.5	1.1/4"	31	151	101	96	26		HF/F-CE-DN31-6S11/2	6
FLC 90 24 38	1.1/2"	63.5	1.1/2"	38	176	110	118	32		HF/F-CE-DN38-6S11/2	3

VOSS

FLC 45-
45° FLANGES TYPE CAT

FLC 45 — 45° FLANGES TYPE CAT

Part No.	Flange Size	Flange Head Dia. mm (d)	Hose Bore Ins.	Hose Bore DN (mm)	Dimensions lg	Dimensions lh	Dimensions lx	Dimensions dx	Nut AF SW	VOSS Designation	Box Qty.
FLC 45 12 19	3/4"	41.3	3/4"	19	114	35	75	15		HF/F-CE45-DN19-6S3/4	15
FLC 45 16 19	1"	47.6	3/4"	19	118	39	79	15		HF/F-CE45-DN19-6S1	10
FLC 45 16 25	1"	47.6	1"	25	141	39	94	20		HF/F-CE45-DN25-6S1	10
FLC 45 20 25	1.1/4"	54.0	1"	25	145	43	98	20		HF/F-CE45-DN25-6S11/4	6
FLC 45 20 32	1.1/4"	54.0	1.1/4"	31	167	47	113	26		HF/F-CE45-DN31-6S11/4	5
FLC 45 24 32	1.1/2"	63.5	1.1/4"	31	171	52	117	26		HF/F-CE45-DN31-6S11/2	4
FLC 45 24 38	1.1/2"	63.5	1.1/2"	38	191	53	133	32		HF/F-CE45-DN38-6S11/2	5

WWW.DISTAG.COM

Get in touch

TULLOW
Distag QCS LTD
Industrial Estate Tullow
Tullow
Co.Carlow
IRELAND
R93 V585

Tel: +353 (0)59 915 1626
Fax: +353 (0)59 915 1264
Email: sales@distag.com

IPSWICH
Distag QCS (UK) LTD
Unit 24
Farthing Road Ind.Est.
Sproughton, Ipswich
Suffolk, UK
IP1 5AP

Tel: +44 (0)1473 744 612
Fax: +44 (0)1473 744 613
Email: info@distag.com

DUNGANNON
Distag QCS (UK) LTD
11 Cookstown Rd
Dungannon
Northern Ireland
BT71 4BB

Tel: +44 (0) 28 92 633380
Fax: +44 (0) 28 92 607231
Email: Nisales@distag.com