

Couplings

Temperature control couplings

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TKM MV IR

Temperature control coupling sleeve with valve



Connection 1: BSP cylindrical internal threads
Sealing form 1: for screw-in pins with shapes A, B and if necessary E
Material: Brass

Identification	DN*	Connecting thread	Connector dimension		Working pressure	SF coup.*	Mineral oil temp. min.		Mineral oil temp. max.		SW
			mm	bar			°C	°C	°C	mm	
TKM 09 MV 06 IR	6	G 1/4" -19	9	15	3		-15		150		17
TKM 13 MV 06 IR	6	G 1/4" -19	13	15	3		-15		150		17
TKM 13 MV 10 IR	10	G 3/8" -19	13	15	3		-15		150		22
DN = Nominal diameter, nominal width SF gek. = Safety factor coupled SW = Width across flats											

TKM MV HB**Temperature control coupling sleeve with valve**

Connection 1: BSP external thread, cylindrical
Sealing form 1: 60° inner cone
Material: Brass



Identification	DN*	Connecting thread	Connector dimension		Working pressure	SF coup.*	Mineral oil temp.		SW
			mm	bar			min. °C	max. °C	
TKM 09 MV 06 HB	6	G 1/4" -19	9	15	3		-15	150	17
TKM 09 MV 10 HB	10	G 3/8" -19	9	15	3		-15	150	19
TKM 13 MV 06 HB	6	G 1/4" -19	13	15	3		-15	150	22
TKM 13 MV 10 HB	10	G 3/8" -19	13	15	3		-15	150	22
TKM 19 MV 13 HB	12	G 1/2" -14	19	15	3		-15	150	30
TKM 19 MV 20 HB	19	G 3/4" -14	19	15	3		-15	150	30

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled SW = Width across flats

3

TKM MV HB 45

Temperature control coupling sleeve with valve, angle 45°



Connection 1: BSP external thread, cylindrical
Sealing form 1: 60° inner cone
Material: Brass

Identification	DN*	Connecting thread	Connector dimension mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SW mm
TKM 09 MV 06 HB 45	6	G 1/4" -19	9	15	3	-15	150	17
TKM 13 MV 10 HB 45	10	G 3/8" -19	13	15	3	-15	150	22

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled SW = Width across flats

TKM MV HB 90**Temperature control coupling sleeve with valve, angle 90°**

Connection 1: BSP external thread, cylindrical
Sealing form 1: 60° inner cone
Material: Brass



Identification	DN*	Connecting thread	Connector dimension mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SW mm
TKM 09 MV 06 HB 90	6	G 1/4" -19	9	15	3	-15	150	17
TKM 13 MV 10 HB 90	10	G 3/8" -19	13	15	3	-15	150	22

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled SW = Width across flats

3

TKM MV HB KAF

Temperature control coupling sleeve with valve, short



Connection 1: BSP external thread, cylindrical
Sealing form 1: 60° inner cone
Material: Brass

Identification	DN*	Connecting thread	Connector dimension mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SW mm
TKM 09 MV 06 HB KAF	6	G 1/4" -19	9	15	3	-15	150	17
TKM 13 MV 10 HB KAF	10	G 3/8" -19	13	15	3	-15	150	22

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled SW = Width across flats

TKM MV H**Temperature control coupling sleeve with valve**

Connection 1: metric cylindrical outer thread
Sealing form 1: 60° inner cone
Material: Brass



Identification	DN*	Connecting thread	Connector dimension mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SW mm
TKM 09 MV 02 H	2	M 10 x 1	9	15	3	-15	150	17
TKM 09 MV 06 H	6	M 14 x 1.5	9	15	3	-15	150	17
TKM 13 MV 08 H	8	M 16 x 1.5	13	15	3	-15	150	22

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled SW = Width across flats

3

TKM MV H 45

Temperature control coupling sleeve with valve, angle 45°



Connection 1: metric cylindrical outer thread
Sealing form 1: 60° inner cone
Material: Brass

Identification	DN*	Connecting thread	Connector dimension mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SW mm
TKM 09 MV 02 H 45	2	M 10 x 1	9	15	3	-15	150	17
TKM 09 MV 06 H 45	6	M 14 x 1.5	9	15	3	-15	150	17
TKM 13 MV 08 H 45	8	M 16 x 1.5	13	15	3	-15	150	22
DN = Nominal diameter, nominal width		SF gek. = Safety factor coupled		SW = Width across flats				

TKM MV H 90**Temperature control coupling sleeve with valve, angle 90°**

Connection 1: metric cylindrical outer thread
Sealing form 1: 60° inner cone
Material: Brass



Identification	DN*	Connecting thread	Connector dimension mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SW mm
TKM 09 MV 02 H 90	2	M 10 x 1	9	15	3	-15	150	17
TKM 09 MV 06 H 90	6	M 14 x 1.5	9	15	3	-15	150	17
TKM 13 MV 08 H 90	8	M 16 x 1.5	13	15	3	-15	150	22

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled SW = Width across flats

3

TKM MV MM

Temperature control coupling sleeve with valve



Connection 1: Hose connection
Material: Brass

Identification	DN*	Hose connection mm	Connector dimension mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
TKM 09 MV 06 MM	6	6	9	15	3	-15	150
TKM 09 MV 09 MM	10	9	9	15	3	-15	150
TKM 13 MV 09 MM	10	9	13	15	3	-15	150
TKM 13 MV 13 MM	12	13	13	15	3	-15	150
TKM 19 MV 19 MM	19	19	19	15	3	-15	150

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

TKM MV MM 45**Temperature control coupling sleeve with valve, angle 45°**

Connection 1: Hose connection
Material: Brass



Identification	DN*	Hose connection	Connector dimension	Working pressure bar	SF coup.*	Mineral oil temp. min. Mineral oil temp. max.	
		mm	mm			°C	°C
TKM 09 MV 06 MM 45	6	6	9	15	3	-15	150
TKM 09 MV 09 MM 45	10	9	9	15	3	-15	150
TKM 13 MV 09 MM 45	10	9	13	15	3	-15	150
TKM 13 MV 13 MM 45	12	13	13	15	3	-15	150
TKM 19 MV 19 MM 45	19	19	19	15	3	-15	150

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

3

TKM MV MM 90

Temperature control coupling sleeve with valve, angle 90°



Connection 1: Hose connection
Material: Brass

Identification	DN*	Hose connection	Connector dimension	Working pressure	SF coup.*	Mineral oil temp. min.	Mineral oil temp. max.
		mm	mm	bar		°C	°C
TKM 09 MV 06 MM 90	6	6	9	15	3	-15	150
TKM 09 MV 09 MM 90	10	9	9	15	3	-15	150
TKM 13 MV 09 MM 90	10	9	13	15	3	-15	150
TKM 13 MV 13 MM 90	12	13	13	15	3	-15	150
TKM 19 MV 19 MM 90	19	19	19	15	3	-15	150

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

TKM MV MM ND**Temperature control coupling sleeve with valve**

Connection 1: Hose connection
O-ring: Viton, PTFE coated
Material: Brass



Identification	DN*	Hose connection	Connector dimension	Working pressure bar	SF coup.*	Mineral oil temp.	
		mm	mm			min. °C	max. °C
TKM 09 MV 06 MM ND	6	6	9	15	3	-15	150
TKM 09 MV 10 MM ND	10	10	9	15	3	-15	150
TKM 13 MV 10 MM ND	10	10	13	15	3	-15	150
TKM 13 MV 13 MM ND	12	13	13	15	3	-15	150
TKM 19 MV 16 MM ND	16	16	19	15	3	-15	150
TKM 19 MV 19 MM ND	19	19	19	15	3	-15	150
DN = Nominal diameter, nominal width		SF gek. = Safety factor coupled					

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TKM MV MM 45 ND

Temperature control coupling sleeve with valve, angle 45°



Connection 1: Hose connection
O-ring: Viton, PTFE coated
Material: Brass

Identification	DN*	Hose connection mm	Connector dimension mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
TKM 09 MV 06 MM 45 ND	6	6	9	15	3	-15	150
TKM 09 MV 10 MM 45 ND	10	10	9	15	3	-15	150
TKM 13 MV 10 MM 45 ND	10	10	13	15	3	-15	150
TKM 13 MV 13 MM 45 ND	12	13	13	15	3	-15	150

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

TKM MV MM 90 ND**Temperature control coupling sleeve with valve, angle 90°**

Connection 1: Hose connection
O-ring: Viton, PTFE coated
Material: Brass



Identification	DN*	Hose connection	Connector dimension	Working pressure	SF coup.*	Mineral oil temp.	
		mm	mm			min. °C	max. °C
TKM 09 MV 06 MM 90 ND	6	6	9	15	3	-15	150
TKM 09 MV 10 MM 90 ND	10	10	9	15	3	-15	150
TKM 13 MV 10 MM 90 ND	10	10	13	15	3	-15	150
TKM 13 MV 13 MM 90 ND	12	13	13	15	3	-15	150

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

3

TKM OV IR

Temperature control coupling sleeve without valve



Connection 1: BSP cylindrical internal threads
Sealing form 1: for screw-in pins with shapes A, B and if necessary E
Material: Brass

Identification	DN*	Connecting thread	Connector dimension		Working pressure	SF coup.*	Mineral oil temp. min.		Mineral oil temp. max.	SW
			mm	mm	bar		°C	°C		mm
TKM 09 OV 06 IR	6	G 1/4" -19	9		15	3	-15		150	17
TKM 13 OV 06 IR	6	G 1/4" -19	13		15	3	-15		150	17
TKM 13 OV 10 IR	10	G 3/8" -19	13		15	3	-15		150	22

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled SW = Width across flats

TKM OV HB**Temperature control coupling sleeve without valve**

Connection 1: BSP external thread, cylindrical
Sealing form 1: 60° inner cone
Material: Brass



Identification	DN*	Connecting thread	Connector dimension		Working pressure	SF coup.*	Mineral oil temp. min. Mineral oil temp. max.		SW
			mm	bar			°C	°C	
TKM 09 OV 06 HB	6	G 1/4" -19	9	15	3		-15	150	17
TKM 09 OV 10 HB	10	G 3/8" -19	9	15	3		-15	150	19
TKM 13 OV 06 HB	6	G 1/4" -19	13	15	3		-15	150	22
TKM 13 OV 10 HB	10	G 3/8" -19	13	15	3		-15	150	22
TKM 19 OV 13 HB	12	G 1/2" -14	19	15	3		-15	150	30
TKM 19 OV 20 HB	19	G 3/4" -14	19	15	3		-15	150	30

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled SW = Width across flats

3

TKM OV HB 45

Temperature control coupling sleeve without valve, angle 45°



Connection 1: BSP external thread, cylindrical
Sealing form 1: 60° inner cone
Material: Brass

Identification	DN*	Connecting thread	Connector dimension mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SW mm
TKM 09 OV 06 HB 45	6	G 1/4" -19	9	15	3	-15	150	17
TKM 13 OV 10 HB 45	10	G 3/8" -19	13	15	3	-15	150	22

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled SW = Width across flats

TKM OV HB 90**Temperature control coupling sleeve without valve, angle 90°**

Connection 1: BSP external thread, cylindrical
Sealing form 1: 60° inner cone
Material: Brass



Identification	DN*	Connecting thread	Connector dimension mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SW mm
TKM 09 OV 06 HB 90	6	G 1/4" -19	9	15	3	-15	150	17
TKM 09 OV 10 HB 90	10	G 3/8" -19	9	15	3	-15	150	19
TKM 13 OV 10 HB 90	10	G 3/8" -19	13	15	3	-15	150	22

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled SW = Width across flats

3

TKM OV H

Temperature control coupling sleeve without valve



Connection 1: metric cylindrical outer thread
Sealing form 1: 60° inner cone
Material: Brass

Identification	DN*	Connecting thread	Connector dimension		Working pressure	SF coup.*	Mineral oil temp. min.		Mineral oil temp. max.		SW
			mm	bar			°C	°C	°C	°C	
TKM 09 OV 02 H	2	M 10 x 1	9	15	3		-15		150		17
TKM 09 OV 06 H	6	M 14 x 1.5	9	15	3		-15		150		17
TKM 13 OV 08 H	8	M 16 x 1.5	13	15	3		-15		150		22

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled SW = Width across flats

TKM OV H 45**Temperature control coupling sleeve without valve, angle 45°**

Connection 1: metric cylindrical outer thread
Sealing form 1: 60° inner cone
Material: Brass



Identification	DN*	Connecting thread	Connector dimension mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SW mm
TKM 09 OV 02 H 45	2	M 10 x 1	9	15	3	-15	150	17
TKM 09 OV 06 H 45	6	M 14 x 1.5	9	15	3	-15	150	17
TKM 13 OV 08 H 45	8	M 16 x 1.5	13	15	3	-15	150	22

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled SW = Width across flats

3

TKM OV H 90

Temperature control coupling sleeve without valve, angle 90°



Connection 1: metric cylindrical outer thread
Sealing form 1: 60° inner cone
Material: Brass

Identification	DN*	Connecting thread	Connector dimension mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SW mm
TKM 09 OV 02 H 90	2	M 10 x 1	9	15	3	-15	150	17
TKM 09 OV 06 H 90	6	M 14 x 1.5	9	15	3	-15	150	17
TKM 13 OV 08 H 90	8	M 16 x 1.5	13	15	3	-15	150	22
DN = Nominal diameter, nominal width SF gek. = Safety factor coupled SW = Width across flats								

TKM OV MM**Temperature control coupling sleeve without valve**

Connection 1: Hose connection
Material: Brass



Identification	DN*	Hose connection mm	Connector dimension mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
TKM 09 OV 06 MM	6	6	9	15	3	-15	150
TKM 09 OV 09 MM	10	9	9	15	3	-15	150
TKM 13 OV 09 MM	10	9	13	15	3	-15	150
TKM 13 OV 13 MM	12	13	13	15	3	-15	150
TKM 19 OV 19 MM	19	19	19	15	3	-15	150
DN = Nominal diameter, nominal width SF gek. = Safety factor coupled							

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TKM OV MM 45

Temperature control coupling sleeve without valve, angle 45°



Connection 1: Hose connection
Material: Brass

Identification	DN*	Hose connection	Connector dimension	Working pressure	SF coup.*	Mineral oil temp. min.	Mineral oil temp. max.
		mm	mm	bar		°C	°C
TKM 09 OV 06 MM 45	6	6	9	15	3	-15	150
TKM 09 OV 09 MM 45	10	9	9	15	3	-15	150
TKM 13 OV 09 MM 45	10	9	13	15	3	-15	150
TKM 13 OV 13 MM 45	12	13	13	15	3	-15	150
TKM 19 OV 19 MM 45	19	19	19	15	3	-15	150

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

TKM OV MM 90**Temperature control coupling sleeve without valve, angle 90°**

Connection 1: Hose connection
Material: Brass



Identification	DN*	Hose connection mm	Connector dimension mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
TKM 09 OV 06 MM 90	6	6	9	15	3	-15	150
TKM 09 OV 09 MM 90	10	9	9	15	3	-15	150
TKM 13 OV 09 MM 90	10	9	13	15	3	-15	150
TKM 13 OV 13 MM 90	12	9	13	15	3	-15	150
TKM 19 OV 19 MM 90	19	19	19	15	3	-15	150

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

3

TKM OV MM KAF

Temperature control coupling sleeve without valve, short



Connection 1: Hose connection
Material: Brass

Identification	DN*	Hose connection mm	Connector dimension mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
TKM 19 OV 19 MM KAF	19	19	19	15	3	-15	150
DN = Nominal diameter, nominal width		SF gek. = Safety factor coupled					

TKM OV MM ND**Temperature control coupling sleeve without valve**

Connection 1: Hose connection
O-ring: Viton, PTFE coated
Material: Brass



Identification	DN*	Hose connection mm	Connector dimension mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
TKM 09 OV 06 MM ND	6	6	9	15	3	-15	150
TKM 09 OV 10 MM ND	10	10	9	15	3	-15	150
TKM 13 OV 10 MM ND	10	10	13	15	3	-15	150
TKM 13 OV 13 MM ND	12	13	13	15	3	-15	150
TKM 19 OV 16 MM ND	16	16	19	15	3	-15	150
TKM 19 OV 19 MM ND	19	19	19	15	3	-15	150
DN = Nominal diameter, nominal width SF gek. = Safety factor coupled							

TKM OV MM 45 ND

Temperature control coupling sleeve without valve, angle 45°



Connection 1: Hose connection
O-ring: Viton, PTFE coated
Material: Brass

3

Identification	DN*	Hose connection mm	Connector dimension mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
TKM 09 OV 06 MM 45 ND	6	6	9	15	3	-15	150
TKM 09 OV 10 MM 45 ND	10	10	9	15	3	-15	150
TKM 13 OV 10 MM 45 ND	10	10	13	15	3	-15	150
TKM 13 OV 13 MM 45 ND	12	13	13	15	3	-15	150

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

TKM OV MM KAF ND**Temperature control coupling sleeve without valve, short**

Connection 1: Hose connection
O-ring: Viton, PTFE coated
Material: Brass



Identification	DN*	Connector dimension mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
TKM 19 OV 16 MM KAF ND	16	19	15	3	-15	150
TKM 19 OV 19 MM KAF ND	19	19	15	3	-15	150

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

3

TKM OV MM 90 ND

Temperature control coupling sleeve without valve, angle 90°



Connection 1: Hose connection
O-ring: Viton, PTFE coated
Material: Brass

Identification	DN*	Hose connection	Connector dimension	Working pressure	SF coup.*	Mineral oil temp.	
		mm	mm			min. °C	max. °C
TKM 09 OV 06 MM 90 ND	6	6	9	15	3	-15	150
TKM 09 OV 10 MM 90 ND	10	10	9	15	3	-15	150
TKM 13 OV 10 MM 90 ND	10	10	13	15	3	-15	150
TKM 13 OV 13 MM 90 ND	12	13	13	15	3	-15	150

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

TKM S MV IR

Temp. coupling female with valve, with unlocking protection

Connection 1: BSP cylindrical internal threads
Sealing form 1: for screw-in pins with shapes A, B and if necessary E
Material: Brass



Identification	DN*	Connecting thread	Connector dimension mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SW mm
TKM 13 S MV 06 IR	6	G 1/4" -19	13	15	3	-15	150	17

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled SW = Width across flats

3

TKM S MV HB

Temp. coupling female with valve, with unlocking protection



Connection 1: BSP external thread, cylindrical
Sealing form 1: 60° inner cone
Material: Brass

Identification	DN*	Connecting thread	Connector dimension mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SW mm
TKM 13 S MV 10 HB	10	G 3/8" -19	13	15	3	-15	150	22
TKM 19 S MV 13 HB	12	G 1/2" -14	19	15	3	-15	150	30
TKM 19 S MV 20 HB	19	G 3/4" -14	19	15	3	-15	150	30

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled SW = Width across flats

TKM S MV HB 90

Temp. coupling female with valve with unlock prot., angle 90°

Connection 1: BSP external thread, cylindrical
Sealing form 1: 60° inner cone
Material: Brass



Identification	DN*	Connecting thread	Connector dimension mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SW mm
TKM 13 S MV 10 HB 90	10	G 3/8" -19	13	15	3	-15	150	22

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled SW = Width across flats

3

TKM S MV H

Temp. coupling female with valve, with unlocking protection



Connection 1: metric cylindrical outer thread
Sealing form 1: 60° inner cone
Material: Brass

Identification	DN*	Connecting thread	Connector dimension mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SW mm
TKM 09 S MV 06 H	6	M 14 x 1.5	9	15	3	-15	150	17
TKM 13 S MV 08 H	8	M 16 x 1.5	13	15	3	-15	150	22

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled SW = Width across flats

TKM S MV H 45

Temp. coupling female with valve with unlock prot., angle 45°

Connection 1: metric cylindrical outer thread
Sealing form 1: 60° inner cone
Material: Brass



Identification	DN*	Connecting thread	Connector dimension mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SW mm
TKM 13 S MV 08 H 45	8	M 16 x 1.5	13	15	3	-15	150	22

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled SW = Width across flats

3

TKM S MV H 90

Temp. coupling female with valve with unlock prot., angle 90°



Connection 1: metric cylindrical outer thread
Sealing form 1: 60° inner cone
Material: Brass

Identification	DN*	Connecting thread	Connector dimension mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SW mm
TKM 13 S MV 08 H 90	8	M 16 x 1.5	13	15	3	-15	150	22
DN = Nominal diameter, nominal width SF gek. = Safety factor coupled SW = Width across flats								

TKM S MV MM

Temp. coupling female with valve, with unlocking protection

Connection 1: Hose connection
Material: Brass



Identification	DN*	Hose connection mm	Connector dimension mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
TKM 09 S MV 09 MM	10	9	9	15	3	-15	150
TKM 13 S MV 09 MM	10	9	13	15	3	-15	150
TKM 19 S MV 19 MM	19	19	19	15	3	-15	150

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

3

TKM S MV MM 45

Temp. coupling female with valve with unlock prot., angle 45°



Connection 1: Hose connection
Material: Brass

Identification	DN*	Hose connection mm	Connector dimension mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
TKM 09 S MV 09 MM 45	10	9	9	15	3	-15	150
DN = Nominal diameter, nominal width		SF gek. = Safety factor coupled					

TKM S MV MM 90

Temp. coupling female with valve with unlock prot., angle 90°

Connection 1: Hose connection
Material: Brass



Identification	DN*	Hose connection mm	Connector dimension mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
TKM 09 S MV 09 MM 90	10	9	9	15	3	-15	150
TKM 19 S MV 19 MM 90	19	19	19	15	3	-15	150

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

3

TKM S MV MM ND

Temp. coupling female with valve, with unlocking protection



Connection 1: Hose connection
O-ring: Viton, PFTE coated
Material: Brass

Identification	DN*	Hose connection mm	Connector dimension mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
TKM 09 S MV 10 MM ND	10	10	9	15	3	-15	150
DN = Nominal diameter, nominal width		SF gek. = Safety factor coupled					

TKM S MV MM 45 ND

Temp. coupling female with valve with unlock prot., angle 45°

Connection 1: Hose connection
O-ring: Viton, PTFE coated
Material: Brass



Identification	DN*	Connector dimension mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
TKM 09 S MV 10 MM 45 ND	10	9	15	3	-15	150

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

3

TKM S OV HB

Temp. coupling female w/o valve, with unlock protection



Connection 1: BSP external thread, cylindrical
Sealing form 1: 60° inner cone
Material: Brass

Identification	DN*	Connecting thread	Connector dimension mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SW mm
TKM 13 S OV 10 HB	10	G 3/8" -19	13	15	3	-15	150	22
DN = Nominal diameter, nominal width SF gek. = Safety factor coupled SW = Width across flats								

TKM S OV MM

Temp. coupling female w/o valve, with unlock protection

Connection 1: Hose connection
Material: Brass



Identification	DN*	Hose connection mm	Connector dimension mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
TKM 09 S OV 09 MM	10	9	9	15	3	-15	150
TKM 13 S OV 13 MM	12	13	13	15	3	-15	150

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

3

TKM S OV MM 45

Temp. ctrl. coupling female w/o valve, with unlock prot., angle 45°



Connection 1: Hose connection
Material: Brass

Identification	DN*	Hose connection	Connector dimension	Working pressure	SF coup.*	Mineral oil temp.	
		mm	mm			min. °C	max. °C
TKM 09 S OV 09 MM 45	10	9	9	15	3	-15	150
TKM 13 S OV 09 MM 45	10	9	13	15	3	-15	150
TKM 13 S OV 13 MM 45	12	13	13	15	3	-15	150

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

TKM S OV MM 90

Temp. ctrl. coupling female w/o valve, with unlock prot., angle 90°

Connection 1: Hose connection
Material: Brass



Identification	DN*	Hose connection mm	Connector dimension mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
TKM 09 S OV 09 MM 90	10	9	9	15	3	-15	150
TKM 13 S OV 09 MM 90	10	9	13	15	3	-15	150

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

3

TKM S OV MM ND

Temp. coupling female w/o valve, with unlock protection



Connection 1: Hose connection
O-ring: Viton, PTFE coated
Material: Brass

Identification	DN*	Hose connection	Connector dimension	Working pressure	SF coup.*	Mineral oil temp.	
		mm	mm			min. °C	max. °C
TKM 09 S OV 10 MM ND	10	10	9	15	3	-15	150
TKM 13 S OV 10 MM ND	10	10	13	15	3	-15	150
TKM 13 S OV 13 MM ND	12	13	13	15	3	-15	150

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

TKM ZUBS**Cap for temperature control coupling**

Connection 1: Plug in sleeve
suitable for: Plug-in coupling sleeve TKM
Material: Brass



Identification	Connector dimension mm	Mineral oil temp. min. °C	Mineral oil temp. max. °C
TKM 09 ZUBS	9	-15	150
TKM 13 ZUBS	13	-15	150

3

TKS MV HB

Temperature control coupling connector with valve



Connection 1: BSP external thread, cylindrical
Sealing form 1: thread seal
Material: Brass

Identification	DN*	Connecting thread	Connector dimension mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SW mm
TKS 09 MV 06 HB	6	G 1/4" -19	9	15	3	-15	150	15
TKS 13 MV 10 HB	10	G 3/8" -19	13	15	3	-15	150	17
TKS 19 MV 20 HB	19	G 3/4" -14	19	15	3	-15	150	27

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled SW = Width across flats

TKS MV H**Temperature control coupling connector with valve**

Connection 1: metric cylindrical outer thread
Sealing form 1: thread seal
Material: Brass



Identification	DN*	Connecting thread	Connector dimension mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SW mm
TKS 13 MV 08 H	8	M 16 x 1.5	13	15	3	-15	150	17

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled SW = Width across flats

3

TKS OV HB

Temperature control coupling connector without valve



Connection 1: BSP external thread, cylindrical
Sealing form 1: 60° inner cone
Material: Brass

Identification	DN*	Connecting thread	Connector dimension		Working pressure	SF coup.*	Mineral oil temp. min.		Mineral oil temp. max.		SW
			mm	bar			°C	°C	°C	°C	
TKS 09 OV 02 HB	2	G 1/8"-28	9	15	3	-15	150	11			
TKS 09 OV 06 HB	6	G 1/4"-19	9	15	3	-15	150	15			
TKS 09 OV 10 HB	10	G 3/8"-19	9	15	3	-15	150	17			
TKS 13 OV 06 HB	6	G 1/4"-19	13	15	3	-15	150	15			
TKS 13 OV 10 HB	10	G 3/8"-19	13	15	3	-15	150	17			
TKS 13 OV 13 HB	12	G 1/2"-14	13	15	3	-15	150	22			
TKS 19 OV 13 HB	12	G 1/2"-14	19	15	3	-15	150	22			
TKS 19 OV 20 HB	19	G 3/4"-14	19	15	3	-15	150	27			

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled SW = Width across flats

TKS OV HBK 90**Temperature control coupling plug without valve, angle 90°**

Construction: Angle 90°
Connection 1: BSPT conical external threads
Sealing form 1: thread seal
Material: Brass



Identification	DN*	Connecting thread	Connector dimension mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SW mm
TKS 09 OV 02 HBK 90	2	R 1/8" K	9	15	3	-15	150	15
TKS 09 OV 06 HBK 90	6	R 1/4" K	9	15	3	-15	150	15
TKS 09 OV 10 HBK 90	10	R 3/8" K	9	15	3	-15	150	17
TKS 13 OV 06 HBK 90	6	R 1/4" K	13	15	3	-15	150	17

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled SW = Width across flats

3

TKS OV H

Temperature control coupling connector without valve



Connection 1: metric cylindrical outer thread
Sealing form 1: 60° inner cone
Material: Brass

Identification	DN*	Connecting thread	Connector dimension mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SW mm
TKS 09 OV 02 H	2	M 10 x 1	9	15	3	-15	150	11
TKS 09 OV 06 H	6	M 14 x 1.5	9	15	3	-15	150	15
TKS 13 OV 02 H	2	M 10 x 1	13	15	3	-15	150	15
TKS 13 OV 06 H	6	M 14 x 1.5	13	15	3	-15	150	15
TKS 13 OV 08 H	8	M 16 x 1.5	13	15	3	-15	150	17

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled SW = Width across flats

TKS OV HK 90**Temperature control coupling plug without valve, angle 90°**

Connection 1: metric conical outer thread
Sealing form 1: thread seal
Material: Brass



Identification	DN*	Connecting thread	Connector dimension mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SW mm
TKS 09 OV 02 HK 90	2	M 10 x 1	9	15	3	-15	150	15
TKS 09 OV 06 HK 90	6	M 14 x 1.5	9	15	3	-15	150	15
TKS 13 OV 06 HK 90	6	M 14 x 1.5	13	15	3	-15	150	17

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled SW = Width across flats

3

TKS OV ROR

Temperature control coupling connector without valve



Connection 1: Pipe socket to be cut into sections
Material: Brass

Identification	External pipe Ø mm	Connector dimension mm	Lengt h mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SW mm
TKS 09 OV ROR 08 L 68	8	9	68	15	3	-15	150	9
TKS 09 OV ROR 08 L 100	8	9	100	15	3	-15	150	9
TKS 09 OV ROR 10 L 120	10	9	120	15	3	-15	150	11
TKS 09 OV ROR 10 L 240	10	9	240	15	3	-15	150	11
TKS 09 OV ROR 10 L 360	10	9	360	15	3	-15	150	11
TKS 13 OV ROR 14 L 150	14	13	150	15	3	-15	150	15
TKS 13 OV ROR 14 L 300	14	13	300	15	3	-15	150	15
DN = Nominal diameter, nominal width SF gek. = Safety factor coupled SW = Width across flats								

TKS OV MM**Temperature control coupling connector without valve**

Connection 1: Hose connection
Material: Brass



Identification	DN*	Hose connection mm	Connector dimension mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
TKS 09 OV 06 MM	6	6	9	15	3	-15	150
TKS 09 OV 09 MM	10	9	9	15	3	-15	150
TKS 13 OV 09 MM	10	9	13	15	3	-15	150
TKS 13 OV 13 MM	12	13	13	15	3	-15	150
TKS 19 OV 13 MM	12	13	19	15	3	-15	150
TKS 19 OV 19 MM	19	19	19	15	3	-15	150
DN = Nominal diameter, nominal width SF gek. = Safety factor coupled							

3

TKS OV MM ND

Temperature control coupling connector without valve



Connection 1: Hose connection
Material: Brass

3

Identification	DN*	Hose connection	Connector dimension	Working pressure	SF coup.*	Mineral oil temp.	
		mm	mm			min. °C	max. °C
TKS 09 OV 06 MM ND	6	6	9	15	3	-15	150
TKS 09 OV 10 MM ND	10	10	9	15	3	-15	150
TKS 13 OV 10 MM ND	10	10	13	15	3	-15	150
TKS 13 OV 13 MM ND	12	13	13	15	3	-15	150
TKS 19 OV 16 MM ND	16	16	19	15	3	-15	150
TKS 19 OV 19 MM ND	19	19	19	15	3	-15	150

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

TKS VB**Temperature control coupling, connector**

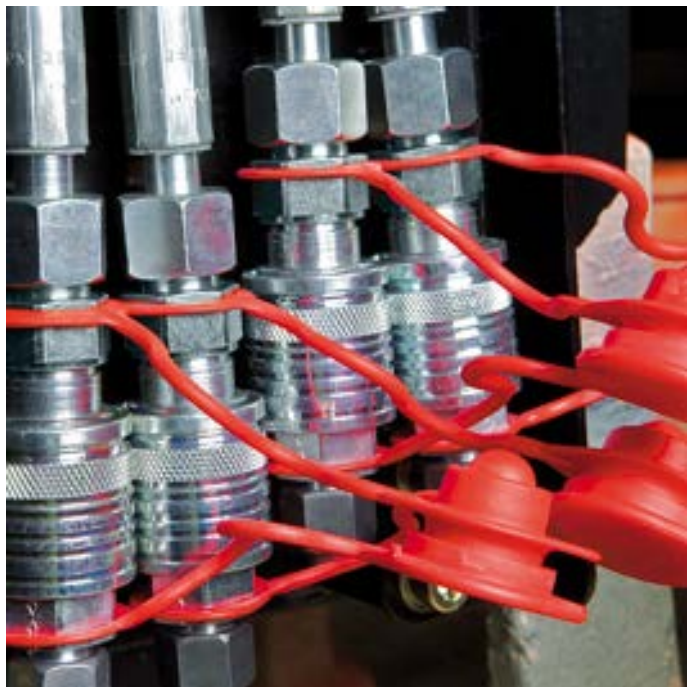
Connection 1 + 2: Connectors
Material: Brass



Identification	Connector dimension 1 mm	Connector dimension 2 mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
TKS 09 VB	9	9	15	3	-15	150
TKS 13 VB	13	13	15	3	-15	150
TKS 13 RVB 09	13	9	15	3	-15	150

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled SW = Width across flats

3



Couplings

Quick release couplings		Plug-in couplings (connectors)	
Sleeves	444	Standard couplings	565
Fixed halves	446	For John Deere	571
Loose halves	447	Tema	572
Accessories for fixed halves	448	For Aeroquip	573
Accessories for loose halves	449	For Argus	576
Spare parts for fixed halves	450	For CEJN	578
Spare parts for loose halves	452	For Pioneer	581
Pipe couplings		Snap-tite series 72	585
Fixed halves	454	Snap-tite series H	586
Loose halves	455	Accessories for connectors	601
Accessories for fixed halves	456	Flat seal plug-in couplings (sleeves)	
Accessories for loose halves	458	For Stucchi	613
Spare parts for fixed halves	560	Snap-tite	618
Spare parts for loose halves	462	For DNP 700 bar	620
Screw couplings (fixed halves)		Accessories for sleeves	636
Standard couplings	465	Flat seal plug-in couplings (connectors)	
For Aeroquip	474	For Stucchi	623
For EDBRO	475	Snap-tite	631
For Pioneer	476	For DNP 700 bar	633
For JUKO	478	Accessories for connectors	638
For Stucchi	479	Multi couplings (rectangular)	
RO couplings	480	Loose halves BSP	640
Snap-tite series 75	481	Fixed halves BSP	642
Snap-tite series 78	482	Loose halves metric	644
Accessories for fixed halves	503	Fixed halves metric	645
Spare parts for fixed halves	524	Accessories	646
Screw couplings (loose halves)		Multi couplings (square)	
Standard couplings	484	Loose halves BSP	647
For Aeroquip	491	Fixed halves BSP	648
For EDBRO	492		
For Pioneer	493		
For JUKO	495		
For Stucchi	496		
RO couplings	497		
Snap-tite series 75	498		
Snap-tite series 78	499		
Accessories for loose halves	513		
Spare parts for loose halves	534		
Plug-in couplings (sleeves)			
Standard couplings	539		
For John Deere	545		
Tema	546		
For Aeroquip	547		
For Argus	550		
For CEJN	552		
For Pioneer	555		
For Unimog	559		
Snap-tite series 72	562		
Snap-tite series H	563		
Accessories for sleeves	588		
Spare parts for sleeves	609		

AKM HL ME

Quick release coupling sleeve



- Application:** Meiler automotive engineering
Connection 1: metric cylindrical outer thread
Sealing form 1: 24° inner cone
Included in scope of supply: with dust protection
Temp. range: Mineral oil -30° C to 100° C, Vegetable oil -15° C to 80° C
Material: Steel
Surface: electro galvanised
Description: Quick release couplings uncouple automatically under excessive tensile load, preventing separation of the hose lines.

Identification	DN*	Series	for external pipe Ø mm	Connecting thread	Bulkhead thread	S1	S2	Size	Working pressure bar	SF*
AKM 13 HL 3 ME	12	L	15	M 22 x 1.5	M 38 x 1.5	30	46	3	250	4,0
DN = Nominal diameter, nominal width SF = Safety factor										

AKM IM ME**Quick release coupling sleeve**

Application:	Meiler automotive engineering
Connection 1:	metric cylindrical inner thread
Sealing form 1:	for screw-in pins with shapes A, B and if necessary E
Included in scope of supply:	with dust protection
Temp. range:	Mineral oil -30° C to 100° C, Vegetable oil -15° C to 80° C
Material:	Steel
Surface:	electro galvanised
Description:	Quick release couplings uncouple automatically under excessive tensile load, preventing separation of the hose lines.



Identification	DN*	Connecting thread	Bulkhead thread	S1	S2	Size	Working pressure bar	SF*
AKM 13 IM 3 ME	12	M 22 x 1.5	M 38 x 1.5	27	46	3	250	4,0

DN = Nominal diameter, nominal width SF = Safety factor

3

AKF HL / AKF HS

Quick release coupling (fixed)



- Application:** Automotive engineering
Connection 1: metric cylindrical outer thread
Sealing form 1: 24° inner cone
Residual pressure: Coupling under residual pressure is possible
Mineral oil temp. min.: -40 °C
Mineral oil temp. max.: 100 °C
Material: Steel coupling, steel housing, malleable cast iron above DN 12.
Surface: electro galvanised
Description: Quick release couplings uncouple automatically under excessive tensile load, preventing separation of the hose lines.

Identification	DN*	Series	for external pipe Ø mm	Connecting thread	Size	Coupling thread	Working pressure bar	BD* uncoup. bar	SF coup.*
AKF 08 HL 1	8	L	10	M 16 x 1.5	1	Rd. 32 x 3	315	250	4,0
AKF 10 HL 1	10	L	12	M 18 x 1.5	1	Rd. 32 x 3	315	250	4,0
AKF 13 HL 3	12	L	15	M 22 x 1.5	3	Rd. 48 x 3	315	250	4,0
AKF 16 HL 3	16	L	18	M 26 x 1.5	3	Rd. 48 x 3	315	250	4,0
AKF 20 HL 5	19	L	22	M 30 x 2	5	Rd. 60 x 3	160	160	4,0
AKF 06 HS 1	6	S	10	M 18 x 1.5	1	Rd. 32 x 3	315	250	4,0
AKF 08 HS 1	8	S	12	M 20 x 1.5	1	Rd. 32 x 3	315	250	4,0
AKF 10 HS 1	10	S	14	M 22 x 1.5	1	Rd. 32 x 3	315	250	4,0
AKF 13 HS 3	12	S	16	M 24 x 1.5	3	Rd. 48 x 3	315	250	4,0
AKF 16 HS 3	16	S	20	M 30 x 2	3	Rd. 48 x 3	315	250	4,0
AKF 20 HS 5	19	S	25	M 36 x 2	5	Rd. 60 x 3	160	160	4,0
AKF 25 HS 5	25	S	30	M 42 x 2	5	Rd. 60 x 3	160	160	4,0

DN = Nominal diameter, nominal width BD uncoup. = Operating pressure uncoupled SF gek. = Safety factor coupled

Additional info: Flat seal tappets ensure minimal oil leakages and air admittance when coupling. The robust construction makes them ideal for use in harsh conditions.

Spare parts:

AKF ZUB HÜLSE - Spring sleeve for quick release coupling

AKF ZUB FEDER - Spring for quick release coupling

Accessories:

AKF ZUB GEHÄUSE - Dust protection housing

AKL HL / AKL HS**Quick release coupling (loose)**

Application: Automotive engineering
Connection 1: metric cylindrical outer thread
Sealing form 1: 24° inner cone
Residual pressure: Coupling under residual pressure is possible
Properties: DN 19 + 25 with hand wheel
Mineral oil temp. min.: -40 °C
Mineral oil temp. max.: 100 °C
Material: Steel
Surface: electro galvanised
Description: Quick release couplings uncouple automatically under excessive tensile load, preventing separation of the hose lines.



Identification	DN*	Series	for external pipe Ø mm	Connecting thread	Size	Coupling thread	Working pressure bar	BD* uncoup. bar	SF coup.*
AKL 06 HL 1	6	L	8	M 14 x 1.5	1	Rd. 32 x 3	315	250	4,0
AKL 08 HL 1	8	L	10	M 16 x 1.5	1	Rd. 32 x 3	315	250	4,0
AKL 10 HL 1	10	L	12	M 18 x 1.5	1	Rd. 32 x 3	315	250	4,0
AKL 13 HL 3	12	L	15	M 22 x 1.5	3	Rd. 48 x 3	315	250	4,0
AKL 16 HL 3	16	L	18	M 26 x 1.5	3	Rd. 48 x 3	315	250	4,0
AKL 20 HL 5	19	L	22	M 30 x 2	5	Rd. 60 x 3	160	100	4,0
AKL 08 HS 1	8	S	12	M 20 x 1.5	1	Rd. 32 x 3	315	250	4,0
AKL 10 HS 1	10	S	14	M 22 x 1.5	1	Rd. 32 x 3	315	250	4,0
AKL 13 HS 3	12	S	16	M 24 x 1.5	3	Rd. 48 x 3	315	250	4,0
AKL 16 HS 3	16	S	20	M 30 x 2	3	Rd. 48 x 3	315	250	4,0
AKL 20 HS 5	19	S	25	M 36 x 2	5	Rd. 60 x 3	160	100	4,0
AKL 25 HS 5	25	S	30	M 42 x 2	5	Rd. 60 x 3	160	100	4,0

DN = Nominal diameter, nominal width BD uncoup. = Operating pressure uncoupled SF gek. = Safety factor coupled

Additional info: Flat seal tappets ensure minimal oil leakages and air admittance when coupling. The robust construction makes them ideal for use in harsh conditions.

Spare parts:

AKL ZUB BLINDSTUTZEN - Dummy sockets for quick release coupling

Accessories:

AKL ZUB DOSE - Dust protection container

AKF ZUB GEHÄUSE

Dust protection housing



suitable for: Quick release coupling (fixed)

Identification	Size	LK mm
AKF ZUB 3 09	3	95,0
LK = Pitch circle diameter		

Accessory for following products:
AKF HL / AKF HS - Quick release coupling (fixed)

AKL ZUB DOSE**Dust protection container**

suitable for: Quick release coupling (loose)



Identification	DN*	Size	SW mm
AKL ZUB 1 09	6	1	46
AKL ZUB 3 09	12	3	70

DN = Nominal diameter, nominal width SW = Width across flats

Accessory for following products:

AKL HL / AKL HS - Quick release coupling (loose)

3

AKF ZUB FEDER

Spring for quick release coupling



suitable for: Quick release coupling (fixed)

Identification	Size
AKF ZUB 1 06	1
AKF ZUB 3 06	3

Spare part for following products:
AKF HL / AKF HS - Quick release coupling (fixed)

AKF ZUB HÜLSE**Spring sleeve for quick release coupling**

suitable for: Quick release coupling (fixed)



Identification	Size
AKF ZUB 1 14	1
AKF ZUB 3 14	3

Spare part for following products:

AKF HL / AKF HS - Quick release coupling (fixed)

3

AKL ZUB BLINDSTUTZEN

Dummy sockets for quick release coupling



suitable for: Quick release coupling (loose)
Included in scope of supply: Size 1 with lock nut, Size 3 without lock nut
Material: Steel
Surface: electro galvanised

Identification	DN*	Connecting thread	Coupling thread	SW mm	Size
AKL ZUB 1 11	6	M 30 x 1	Rd. 32 x 3	36	1
AKL ZUB 3 10	12	M 45 x 1.5	Rd. 48 x 3	55	3

DN = Nominal diameter, nominal width SW = Width across flats

Spare parts:
AKL ZUB KONTERMUTTER - Counter nut
Accessory for following products:
SK ZUB GEHÄUSE - Dust protection housing

AKL ZUB KONTERMUTTER**Counter nut**

suitable for: Quick release coupling (loose)



Identification	DN*	Connecting thread	SW mm	Size
AKL ZUB 1 12	6	M 30 x 1	36	1
AKL ZUB 3 11	12	M 45 x 1.5	55	3
DN = Nominal diameter, nominal width SW = Width across flats				

Spare part for following products:

AKL ZUB BLINDSTUTZEN - Dummy sockets for quick release coupling

3

RKF HL / RKF HS**Pipe coupling (fixed)**

Application: Automotive engineering
Connection 1: metric cylindrical outer thread
Sealing form 1: 24° inner cone
Residual pressure: Coupling under residual pressure is possible
Material: Steel
Surface: electro galvanised
Description: Pipe couplings are designed for high pressures and pressure pulses.

Identification	DN*	Series	for external pipe Ø mm	Connecting thread	Size	Coupling thread	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
RKF 06 HL 1	6	L	8	M 14 x 1.5	1	Rd. 32 x 3	315	4,0	-25	85
RKF 08 HL 1	8	L	10	M 16 x 1.5	1	Rd. 32 x 3	315	4,0	-25	85
RKF 10 HL 1	10	L	12	M 18 x 1.5	1	Rd. 32 x 3	315	4,0	-25	85
RKF 13 HL 1	12	L	15	M 22 x 1.5	1	Rd. 32 x 3	315	4,0	-25	85
RKF 13 HL 2	12	L	15	M 22 x 1.5	2	Rd. 36 x 3	300	4,0	-25	85
RKF 13 HL 3	12	L	15	M 22 x 1.5	3	Rd. 48 x 3	300	3,5	-25	100
RKF 16 HL 2	16	L	18	M 26 x 1.5	2	Rd. 36 x 3	300	4,0	-25	100
RKF 16 HL 3	16	L	18	M 26 x 1.5	3	Rd. 48 x 3	300	3,5	-25	100
RKF 16 HL 4	16	L	18	M 26 x 1.5	4	Rd. 54 x 4	300	3,5	-25	85
RKF 20 HL 4	19	L	22	M 30 x 2	4	Rd. 54 x 4	160	4,0	-25	85
RKF 20 HL 5	19	L	22	M 30 x 2	5	Rd. 60 x 3	160	4,0	-40	100
RKF 25 HL 4	25	L	28	M 36 x 2	4	Rd. 54 x 4	160	4,0	-25	85
RKF 25 HL 5	25	L	28	M 36 x 2	5	Rd. 60 x 3	160	4,0	-40	100
RKF 32 HL 6	31	L	35	M 45 x 2	6	Rd. 79 x 4	160	4,0	-25	85
RKF 06 HS 1	6	S	10	M 18 x 1.5	1	Rd. 32 x 3	400	4,0	-25	85
RKF 08 HS 1	8	S	12	M 20 x 1.5	1	Rd. 32 x 3	400	4,0	-25	85
RKF 10 HS 1	10	S	14	M 22 x 1.5	1	Rd. 32 x 3	400	4,0	-25	85
RKF 13 HS 2	12	S	16	M 24 x 1.5	2	Rd. 36 x 3	300	4,0	-25	85
RKF 13 HS 3	12	S	16	M 24 x 1.5	3	Rd. 48 x 3	300	3,5	-25	100
RKF 16 HS 3	16	S	20	M 30 x 2	3	Rd. 48 x 3	300	3,5	-25	100
RKF 16 HS 4	16	S	20	M 30 x 2	4	Rd. 54 x 4	300	3,5	-25	85
RKF 20 HS 4	19	S	25	M 36 x 2	4	Rd. 54 x 4	300	3,5	-25	85
RKF 20 HS 5	19	S	25	M 36 x 2	5	Rd. 60 x 3	160	4,0	-40	100
RKF 25 HS 4	25	S	30	M 42 x 2	4	Rd. 54 x 4	300	3,5	-25	85
RKF 25 HS 5	25	S	30	M 42 x 2	5	Rd. 60 x 3	160	4,0	-40	100
RKF 32 HS 6	31	S	38	M 52 x 2	6	Rd. 79 x 4	420	2,5	-25	85

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Additional info: Flat seal tappets ensure minimal oil leakages and air admittance when coupling. The robust construction makes them ideal for use in harsh conditions with major pressure fluctuations.

Spare parts:

RKF STUETZRING - Support ring for pipe coupling

RKF ORING - O-ring

Accessories:

RKF ZUB - Dust protection container

RKF ZUBS - Cap

RKL HL / RKL HS**Pipe coupling (loose)**

Application: Automotive engineering
Connection 1: metric cylindrical outer thread
Sealing form 1: 24° inner cone
Residual pressure: Coupling under residual pressure is possible
Material: Steel
Surface: electro galvanised
Description: Pipe couplings are designed for high pressures and pressure pulses.



Note: Size 5 with hand wheel

Identification	DN*	Series	for external pipe Ø mm	Connecting thread	Size	Coupling thread	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
RKL 06 HL 1	6	L	8	M 14 x 1.5	1	Rd. 32 x 3	315	4,0	-25	85
RKL 08 HL 1	8	L	10	M 16 x 1.5	1	Rd. 32 x 3	315	4,0	-25	85
RKL 10 HL 1	10	L	12	M 18 x 1.5	1	Rd. 32 x 3	315	4,0	-25	85
RKL 13 HL 1	12	L	15	M 22 x 1.5	1	Rd. 32 x 3	315	4,0	-25	85
RKL 13 HL 2	12	L	15	M 22 x 1.5	2	Rd. 36 x 3	300	4,0	-25	85
RKL 13 HL 3	12	L	15	M 22 x 1.5	3	Rd. 48 x 3	300	3,5	-25	100
RKL 16 HL 3	16	L	18	M 26 x 1.5	3	Rd. 48 x 3	300	3,5	-25	100
RKL 16 HL 4	16	L	18	M 26 x 1.5	4	Rd. 54 x 4	300	3,5	-25	85
RKL 20 HL 4	19	L	22	M 30 x 2	4	Rd. 54 x 4	160	4,0	-25	85
RKL 20 HL 5	19	L	22	M 30 x 2	5	Rd. 60 x 3	160	4,0	-40	100
RKL 25 HL 4	25	L	28	M 36 x 2	4	Rd. 54 x 4	160	4,0	-25	85
RKL 25 HL 5	25	L	28	M 36 x 2	5	Rd. 60 x 3	160	4,0	-40	100
RKL 32 HL 6	31	L	35	M 45 x 2	6	Rd. 79 x 4	160	4,0	-25	85
RKL 06 HS 1	6	S	10	M 18 x 1.5	1	Rd. 32 x 3	400	4,0	-25	85
RKL 08 HS 1	8	S	12	M 20 x 1.5	1	Rd. 32 x 3	400	4,0	-25	85
RKL 10 HS 1	10	S	14	M 22 x 1.5	1	Rd. 32 x 3	400	4,0	-25	85
RKL 13 HS 2	12	S	16	M 24 x 1.5	2	Rd. 36 x 3	300	4,0	-25	85
RKL 13 HS 3	12	S	16	M 24 x 1.5	3	Rd. 48 x 3	300	3,5	-25	100
RKL 16 HS 3	16	S	20	M 30 x 2	3	Rd. 48 x 3	300	3,5	-25	100
RKL 16 HS 4	16	S	20	M 30 x 2	4	Rd. 54 x 4	300	3,5	-25	85
RKL 20 HS 4	19	S	25	M 36 x 2	4	Rd. 54 x 4	300	3,5	-25	85
RKL 20 HS 5	19	S	25	M 36 x 2	5	Rd. 60 x 3	160	4,0	-40	100
RKL 25 HS 4	25	S	30	M 42 x 2	4	Rd. 54 x 4	300	3,5	-25	85
RKL 25 HS 5	25	S	30	M 42 x 2	5	Rd. 60 x 3	160	4,0	-40	100
RKL 32 HS 6	31	S	38	M 52 x 2	6	Rd. 79 x 4	420	2,5	-25	85

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Additional info: Flat seal tappets ensure minimal oil leakages and air admittance when coupling.

Spare parts:

RKL STUETZRING - Support ring for pipe coupling

RKL O-RING - O-ring

RKL DICHTUNG - Sealing washer

Accessories:

SK ZUB GEHÄUSE - Dust protection housing

RKL ZUBS - Blanking screw

RKF ZUB

Dust protection container



suitable for: Pipe coupling (fixed)
Material: Brass

Identification	Size
RKF ZUB 2 10	2

Accessory for following products:
RKF HL / RKF HS - Pipe coupling (fixed)

RKF ZUBS**Cap**

suitable for: Pipe coupling (fixed)



Identification	Size	Coupling thread	Material
RKF ZUBS 1 K	1	Rd. 32 x 3	Plastic
RKF ZUBS 2 K	2	Rd. 36 x 3	Plastic
RKF ZUBS 2 ALU	2	Rd. 36 x 3	Aluminium
RKF ZUBS 4 ALU	4	Rd. 54 x 4	Aluminium
RKF ZUBS 6	6	Rd. 79 x 4	Aluminium

Accessory for following products:

RKF HL / RKF HS - Pipe coupling (fixed)

3

RKL ZUBS

Blanking screw



suitable for: Pipe coupling (loose)

Identification	Size	Coupling thread	Material
RKL ZUBS 1 K	1	Rd. 32 x 3	Plastic
RKL ZUBS 2K	2	Rd. 36 x 3	Plastic
RKL ZUBS 2 ALU	2	Rd. 36 x 3	Aluminium
RKL ZUBS 4 ALU	4	Rd. 54 x 4	Aluminium
RKL ZUBS 6	6	Rd. 79 x 4	Aluminium

Accessory for following products:
RKL HL / RKL HS - Pipe coupling (loose)

SK ZUB GEHÄUSE**Dust protection housing**

Identification	Size
SK ZUB 3 16	3

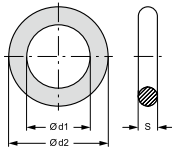
Accessory for following products:

RKL HL / RKL HS - Pipe coupling (loose)

3

RKF ORING

O-ring



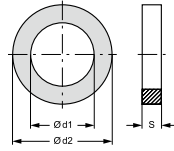
suitable for: Pipe coupling (fixed)
Material: NBR

Identification	Size	Ø d1 mm	Ø d2 mm	S mm
RKF ORING 1-17-2	1	17	21	2,0
RKF ORING 1-22-1.5	1	22	25	1,5
RKF ORING 2-20-2	2	20	24	2,0
RKF ORING 2-25-1.5	2	25	28	1,5
RKF ORING 3-37-2	3	37	41	2,0
RKF ORING 4-32-3	4	32	38	3,0
RKF ORING 4-35-2.5	4	35	40	2,5
RKF ORING 5-40-3	5	50	56	3,0
RKF ORING 5-47-2.5	5	47	52	2,5

Spare part for following products:
RKF HL / RKF HS - Pipe coupling (fixed)

RKF STUETZRING**Support ring for pipe coupling**

suitable for: Pipe coupling (fixed)
Material: PVC



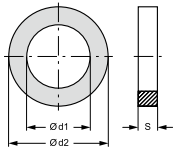
Identification	Size	Ø d1 mm	Ø d2 mm	S mm
RKF STUETZRING 1	1	17,5	20,8	1,0
RKF STUETZRING 2	2	20,0	23,4	1,0
RKF STUETZRING 4	4	32,0	37,2	1,0

Spare part for following products:

RKF HL / RKF HS - Pipe coupling (fixed)

RKL DICHTUNG

Sealing washer



suitable for: Pipe coupling (loose)
Material: NBR

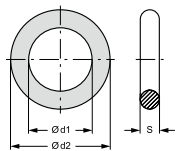
Identification	Size	Ø d1 mm	Ø d2 mm	S mm
RKL DICHTUNG 1	1	15,5	17,1	1,6
RKL DICHTUNG 2	2	15,0	18,0	1,5
RKL DICHTUNG 3	3	20,0	27,0	2,0
RKL DICHTUNG 4	4	25,0	29,3	1,7

Spare part for following products:
RKL HL / RKL HS - Pipe coupling (loose)

RKL ORING

O-ring

suitable for: Pipe coupling (loose)
Material: NBR

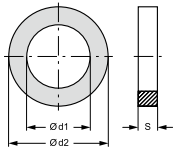


Identification	Size	Ø d1 mm	Ø d2 mm	S mm
RKL ORING 1-17-2	1	17,5	21,5	2
RKL ORING 2-20-2	2	22,0	26,0	2
RKL ORING 4-24-3	4	24,0	30,0	3
RKL ORING 4-32-3	4	32,0	38,0	3

Spare part for following products:
RKL HL / RKL HS - Pipe coupling (loose)

RKL STUETZRING

Support ring for pipe coupling



suitable for: Pipe coupling (loose)
Material: PVC

Identification	Size	Ø d1 mm	Ø d2 mm	S mm
RKL STUETZRING 1	1	17,5	20,8	1,0
RKL STUETZRING 2	2	20,0	23,4	1,0
RKL STUETZRING 4	4	32,0	37,2	1,0

Spare part for following products:
RKL HL / RKL HS - Pipe coupling (loose)

SKF HL / SKF HS

Screw coupling (fixed)

- Application:** General application, e.g. in industry, construction machinery, agricultural technology etc.
- Connection 1:** metric cylindrical outer thread
- Sealing form 1:** 24° inner cone
- Residual pressure:** Coupling under residual pressure is possible
- Material:** Steel
- Surface:** electro galvanised
- Description:** Screw couplings are designed for high pressures and pressure pulses.



Identification	Size	DN*	Series for external pipe		Connecting thread	Coupling thread	Working pressure	Mineral oil temp. min.	Mineral oil temp. max.	SF coup.*
				ø mm			bar	°C	°C	
SKF 04 HL 1	1	4	L	6	M 12 x 1.5	Rd. 24 x 2	315	-25	100	4
SKF 06 HL 1	1	6	L	8	M 14 x 1.5	Rd. 24 x 2	450	-30	100	4
SKF 06 HL 2	2	6	L	8	M 14 x 1.5	Rd. 28 x 2	325	-30	100	4
SKF 06 HL 3	3	6	L	8	M 14 x 1.5	Rd. 36 x 2	300	-30	100	4
SKF 08 HL 2	2	8	L	10	M 16 x 1.5	Rd. 28 x 2	325	-30	100	4
SKF 08 HL 3	3	8	L	10	M 16 x 1.5	Rd. 36 x 2	300	-30	100	4
SKF 10 HL 3	3	10	L	12	M 18 x 1.5	Rd. 36 x 2	300	-30	100	4
SKF 10 HL 4	4	10	L	12	M 18 x 1.5	Rd. 42 x 2	250	-30	100	4
SKF 13 HL 3	3	12	L	15	M 22 x 1.5	Rd. 36 x 2	300	-30	100	4
SKF 13 HL 4	4	12	L	15	M 22 x 1.5	Rd. 42 x 2	250	-30	100	4
SKF 16 HL 3	3	16	L	18	M 26 x 1.5	Rd. 36 x 2	300	-30	100	4
SKF 16 HL 4	4	16	L	18	M 26 x 1.5	Rd. 42 x 2	250	-30	100	4
SKF 16 HL 5	5	16	L	18	M 26 x 1.5	Rd. 48 x 3	250	-30	100	4
SKF 20 HL 5	5	19	L	22	M 30 x 2	Rd. 48 x 3	250	-30	100	4
SKF 25 HL 5	5	25	L	28	M 36 x 2	Rd. 48 x 3	250	-30	100	4
SKF 32 HL 5	5	31	L	35	M 45 x 2	Rd. 48 x 3	250	-30	100	4
SKF 32 HL 6	6	31	L	35	M 45 x 2	Rd. 70 x 3	160	-25	100	4
SKF 40 HL 6	6	38	L	42	M 52 x 2	Rd. 70 x 3	160	-25	100	4
SKF 04 HS 1	1	4	S	8	M 16 x 1.5	Rd. 24 x 2	450	-25	100	4
SKF 06 HS 1	1	6	S	10	M 18 x 1.5	Rd. 24 x 2	450	-25	100	4
SKF 06 HS 2	2	6	S	10	M 18 x 1.5	Rd. 28 x 2	325	-30	100	4
SKF 06 HS 3	3	6	S	10	M 18 x 1.5	Rd. 36 x 2	300	-30	100	4
SKF 08 HS 2	2	8	S	12	M 20 x 1.5	Rd. 28 x 2	325	-30	100	4
SKF 08 HS 3	3	8	S	12	M 20 x 1.5	Rd. 36 x 2	300	-30	100	4
SKF 10 HS 3	3	10	S	14	M 22 x 1.5	Rd. 36 x 2	300	-30	100	4
SKF 10 HS 4	4	10	S	14	M 22 x 1.5	Rd. 42 x 2	250	-30	100	4
SKF 13 HS 3	3	12	S	16	M 24 x 1.5	Rd. 36 x 2	300	-30	100	4
SKF 13 HS 4	4	12	S	16	M 24 x 1.5	Rd. 42 x 2	250	-30	100	4
SKF 16 HS 3	3	16	S	20	M 30 x 2	Rd. 36 x 2	300	-30	100	4
SKF 16 HS 4	4	16	S	20	M 30 x 2	Rd. 42 x 2	250	-30	100	4
SKF 16 HS 5	5	16	S	20	M 30 x 2	Rd. 48 x 3	250	-30	100	4
SKF 20 HS 5	5	19	S	25	M 36 x 2	Rd. 48 x 3	250	-30	100	4
SKF 25 HS 5	5	25	S	30	M 42 x 2	Rd. 48 x 3	250	-30	100	4
SKF 25 HS 6	6	25	S	30	M 42 x 2	Rd. 70 x 3	300	-30	100	4

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

SKF HL / SKF HS**Screw coupling (fixed)****(Continued)**

Identification	Size	DN*	Series	for external pipe Ø mm	Connecting thread	Coupling thread	Working pressure bar	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SF coup.*
SKF 32 HS 6	6	31	S	38	M 52 x 2	Rd. 70 x 3	300	-30	100	4

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Additional info: If fitted correctly, the screw sleeve completely covers the brake ring. The self-locking thread prevents unwanted loosening due to vibrations. The robust construction makes them ideal for use in harsh conditions.

Spare parts:**SKF BREMSRING** - Brake ring for screw coupling**SKF STUETZRING** - Support ring for SKF**SKF ORING** - O-ring for SKF**Accessories:****SKF ZUBS** - Dust protection for SKF

SKFS HL / SKFS HS

Screw coupling (fixed)

- Application:** General application, e.g. in industry, construction machinery, agricultural technology etc.
- Design:** Coupling with bulkhead connection
- Connection 1:** metric cylindrical outer thread
- Sealing form 1:** 24° inner cone
- Residual pressure:** Coupling under residual pressure is possible
- Material:** Steel
- Surface:** electro galvanised
- Description:** Screw couplings are designed for high pressures and pressure pulses.



Identification	Size	DN*	Series	for external pipe Ø mm	Connecting thread	Coupling thread	Working pressure bar	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SF coup.*
SKFS 04 HL 1	1	4	L	6	M 12 x 1.5	Rd. 24 x 2	315	-25	100	4
SKFS 06 HL 1	1	6	L	8	M 14 x 1.5	Rd. 24 x 2	450	-30	100	4
SKFS 06 HL 2	2	6	L	8	M 14 x 1.5	Rd. 28 x 2	325	-30	100	4
SKFS 06 HL 3	3	6	L	8	M 14 x 1.5	Rd. 36 x 2	300	-30	100	4
SKFS 08 HL 2	2	8	L	10	M 16 x 1.5	Rd. 28 x 2	325	-30	100	4
SKFS 08 HL 3	3	8	L	10	M 16 x 1.5	Rd. 36 x 2	300	-30	100	4
SKFS 10 HL 3	3	10	L	12	M 18 x 1.5	Rd. 36 x 2	300	-30	100	4
SKFS 10 HL 4	4	10	L	12	M 18 x 1.5	Rd. 42 x 2	250	-30	100	4
SKFS 13 HL 3	3	12	L	15	M 22 x 1.5	Rd. 36 x 2	300	-30	100	4
SKFS 13 HL 4	4	12	L	15	M 22 x 1.5	Rd. 42 x 2	250	-30	100	4
SKFS 16 HL 3	3	16	L	18	M 26 x 1.5	Rd. 36 x 2	300	-30	100	4
SKFS 16 HL 4	4	16	L	18	M 26 x 1.5	Rd. 42 x 2	250	-30	100	4
SKFS 16 HL 5	5	16	L	18	M 26 x 1.5	Rd. 48 x 3	250	-30	100	4
SKFS 20 HL 5	5	19	L	22	M 30 x 2	Rd. 48 x 3	250	-30	100	4
SKFS 25 HL 5	5	25	L	28	M 36 x 2	Rd. 48 x 3	250	-30	100	4
SKFS 32 HL 6	6	31	L	35	M 45 x 2	Rd. 70 x 3	160	-25	100	4
SKFS 40 HL 6	6	38	L	42	M 52 x 2	Rd. 70 x 3	160	-25	100	4
SKFS 04 HS 1	1	4	S	8	M 16 x 1.5	Rd. 24 x 2	450	-25	100	4
SKFS 06 HS 2	2	6	S	10	M 18 x 1.5	Rd. 28 x 2	325	-30	100	4
SKFS 06 HS 3	3	6	S	10	M 18 x 1.5	Rd. 36 x 2	300	-30	100	4
SKFS 08 HS 2	2	8	S	12	M 20 x 1.5	Rd. 28 x 2	325	-30	100	4
SKFS 08 HS 3	3	8	S	12	M 20 x 1.5	Rd. 36 x 2	300	-30	100	4
SKFS 10 HS 3	3	10	S	14	M 22 x 1.5	Rd. 36 x 2	300	-30	100	4
SKFS 10 HS 4	4	10	S	14	M 22 x 1.5	Rd. 42 x 2	250	-30	100	4
SKFS 13 HS 3	3	12	S	16	M 24 x 1.5	Rd. 36 x 2	300	-30	100	4
SKFS 13 HS 4	4	12	S	16	M 24 x 1.5	Rd. 42 x 2	250	-30	100	4
SKFS 16 HS 4	4	16	S	20	M 30 x 2	Rd. 42 x 2	250	-30	100	4
SKFS 16 HS 5	5	16	S	20	M 30 x 2	Rd. 48 x 3	250	-30	100	4
SKFS 20 HS 5	5	19	S	25	M 36 x 2	Rd. 48 x 3	250	-30	100	4
SKFS 25 HS 5	5	25	S	30	M 42 x 2	Rd. 48 x 3	250	-30	100	4
SKFS 25 HS 6	6	25	S	30	M 42 x 2	Rd. 70 x 3	300	-30	100	4
SKFS 32 HS 5	5	31	S	38	M 52 x 2	Rd. 48 x 3	300	-30	100	4

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

SKFS HL / SKFS HS**Screw coupling (fixed)****(Continued)**

Identification	Size	DN*	Series	for external pipe Ø mm	Connecting thread	Coupling thread	Working pressure bar	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SF coup.*
SKFS 32 HS 6	6	31	S	38	M 52 x 2	Rd. 70 x 3	300	-30	100	4

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Additional info: If fitted correctly, the screw sleeve completely covers the brake ring. The self-locking thread prevents unwanted loosening due to vibrations. The robust construction makes them ideal for use in harsh conditions.

Spare parts:

SKF BREMSRING - Brake ring for screw coupling

SKF STUETZRING - Support ring for SKF

SKF ORING - O-ring for SKF

Accessories:

SKF ZUBS - Dust protection for SKF

SKF HJ**Screw coupling (fixed)**

Application:	General application, e.g. in industry, construction machinery, agricultural technology etc.
Connection 1:	UN/UNF external threads
Sealing form 1:	74° outer cone
Residual pressure:	Coupling under residual pressure is possible
Material:	Steel
Surface:	electro galvanised
Description:	Screw couplings are designed for high pressures and pressure pulses.



Identification	Size	DN*	Connecting thread	Coupling thread	Working pressure bar	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SF coup.*
SKF 13 HJ 2	2	12	UNF 3/4" -16	Rd. 28 x 2	450	-25	100	4

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Spare parts:**SKF BREMSRING** - Brake ring for screw coupling**SKF STUETZRING** - Support ring for SKF**SKF ORING** - O-ring for SKF**Accessories:****SKF ZUBS** - Dust protection for SKF

SKF IM

Screw coupling (fixed)



- Application:** General application, e.g. in industry, construction machinery, agricultural technology etc.
- Connection 1:** metric cylindrical inner thread
- Sealing form 1:** for screw-in pins with shapes A, B and if necessary E
- Residual pressure:** Coupling under residual pressure is possible
- Material:** Steel
- Surface:** electro galvanised
- Description:** Screw couplings are designed for high pressures and pressure pulses.

Identification	Size	DN*	Connecting thread	Coupling thread	Working pressure bar	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SF coup.*
SKF 06 IM 1	1	6	M 14 x 1.5	Rd. 24 x 2	450	-25	100	4
SKF 08 IM 2	2	8	M 16 x 1.5	Rd. 28 x 2	325	-30	100	4
SKF 10 IM 3	3	10	M 18 x 1.5	Rd. 36 x 2	300	-30	100	4
SKF 13 IM 3	3	12	M 22 x 1.5	Rd. 36 x 2	300	-30	100	4
SKF 13 IM 4	4	12	M 22 x 1.5	Rd. 42 x 2	250	-30	100	4
SKF 20 IM 5	5	19	M 30 x 1.5	Rd. 48 x 3	250	-25	125	4

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Additional info: If fitted correctly, the screw sleeve completely covers the brake ring. The self-locking thread prevents unwanted loosening due to vibrations. The robust construction makes them ideal for use in harsh conditions.

Spare parts:

SKF BREMSRING - Brake ring for screw coupling

SKF ORING - O-ring for SKF

SKF STUETZRING - Support ring for SKF

Accessories:

SKF ZUBS - Dust protection for SKF

SKF IR**Screw coupling (fixed)**

- Application:** General application, e.g. in industry, construction machinery, agricultural technology etc.
- Connection 1:** BSP cylindrical internal threads
- Sealing form 1:** for screw-in pins with shapes A, B and if necessary E
- Residual pressure:** Coupling under residual pressure is possible
- Material:** Steel
- Surface:** electro galvanised
- Description:** Screw couplings are designed for high pressures and pressure pulses.



Identification	Size	DN*	Connecting thread	Coupling thread	Working pressure bar	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SF coup.*
SKF 06 IR 1	1	6	G 1/4" -19	Rd. 24 x 2	450	-30	100	4
SKF 10 IR 2	2	10	G 3/8" -19	Rd. 28 x 2	450	-30	100	4
SKF 10 IR 3	3	10	G 3/8" -19	Rd. 36 x 2	400	-30	100	4
SKF 13 IR 3	3	12	G 1/2" -14	Rd. 36 x 2	400	-30	100	4
SKF 20 IR 4	4	19	G 3/4" -14	Rd. 42 x 2	400	-30	100	4
SKF 20 IR 5	5	19	G 3/4" -14	Rd. 48 x 3	300	-30	100	4
SKF 25 IR 5	5	25	G 1" -11	Rd. 48 x 3	300	-30	100	4
SKF 32 IR 6	6	31	G 1.1/4" -11	Rd. 70 x 3	300	-25	100	4
SKF 40 IR 6	6	38	G 1.1/2" -11	Rd. 70 x 3	300	-25	100	4
DN = Nominal diameter, nominal width SF gek. = Safety factor coupled								

Additional info: If fitted correctly, the screw sleeve completely covers the brake ring. The self-locking thread prevents unwanted loosening due to vibrations. The robust construction makes them ideal for use in harsh conditions.

Product versions:

SKF IR VA - Screw coupling (fixed), Stainless steel

Spare parts:

SKF BREMSRING - Brake ring for screw coupling

SKF ORING - O-ring for SKF

SKF STUETZRING - Support ring for SKF

Accessories:

SKF ZUBS - Dust protection for SKF

SKF IR VA

Screw coupling (fixed)



- Application:** General application, e.g. in industry, construction machinery, agricultural technology etc.
- Connection 1:** BSP cylindrical internal threads
- Sealing form 1:** for screw-in pins with shapes A, B and if necessary E
- Residual pressure:** Coupling under residual pressure is possible
- Material:** Stainless steel
- Description:** Screw couplings are designed for high pressures and pressure pulses. If fitted correctly, the screw sleeve completely covers the brake ring.

Identification	Size	DN*	Connecting thread	Coupling thread	Working pressure bar	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SF coup.*
SKF 10 IR 2 VA	2	10	G 3/8" -19	Rd. 28 x 2	250	-25	200	4
SKF 13 IR 3 VA	3	12	G 1/2" -14	Rd. 36 x 2	250	-25	200	4
SKF 20 IR 4 VA	4	19	G 3/4" -14	Rd. 42 x 2	150	-25	200	4
SKF 25 IR 5 VA	5	25	G 1" -11	Rd. 48 x 3	150	-25	200	4
SKF 32 IR 6 VA	6	31	G 1.1/4" -11	Rd. 70 x 3	100	-25	200	4

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Additional info: The self-locking thread prevents unwanted loosening due to vibrations. The robust construction makes them ideal for use in harsh conditions.

Product versions:

SKF IR - Screw coupling (fixed), Steel, electro galvanised

Accessories:

SKF ZUBS - Dust protection for SKF

SKF SF6**Screw coupling (fixed)**

Application:	General application, e.g. in industry, construction machinery, agricultural technology etc.
Connection 1:	SAE flange 6000 PSI
Sealing form 1:	flat seal with SF O-ring
Residual pressure:	Coupling under residual pressure is possible
Material:	Steel
Surface:	electro galvanised
Description:	Screw couplings are designed for high pressures and pressure pulses.



Identification	Size	DN*	Flange size	Coupling thread	Working pressure bar	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SF coup.*	Vegetable oil temp. min. °C	Vegetable oil temp. max. °C
SKF 20 SF6 5	5	19	3/4"	Rd. 48 x 3	300	-30	100	4	-15	80
SKF 25 SF6 5	5	25	1"	Rd. 48 x 3	300	-30	100	4	-15	80

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Additional info: The self-locking thread prevents unwanted loosening due to vibrations. If fitted correctly, the screw sleeve completely covers the brake ring. The robust construction makes them ideal for use in harsh conditions.

Spare parts:

SKF BREMSRING - Brake ring for screw coupling

SKF ORING - O-ring for SKF

SKF STUETZRING - Support ring for SKF

Accessories:

SKF ZUBS - Dust protection for SKF

SKF IM AE

Screw coupling (fixed)



- Application:** General application, e.g. in industry, construction machinery, agricultural technology etc.
- Connection 1:** metric cylindrical inner thread
- Sealing form 1:** for screw-in pins with shapes A, B and if necessary E
- Residual pressure:** Coupling under residual pressure is possible
- compatible with:** Aeroquip
- Material:** Steel
- Surface:** electro galvanised
- Description:** Screw couplings are designed for high pressures and pressure pulses.

Identification	DN*	Connecting thread	Coupling thread	Working pressure bar	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SF coup.*
SKF 13 IM AE	12	M 22 x 1.5	Rd. 35 x 2	350	-30	100	4
SKF 16 IM AE	16	M 26 x 1.5	Rd. 42 x 2	350	-30	100	
SKF 20 IM AE	19	M 30 x 1.5	Rd. 54 x 3	350	-30	100	4
SKF 25 IM AE	25	M 38 x 1.5	Rd. 64 x 3	350	-40	150	
DN = Nominal diameter, nominal width SF gek. = Safety factor coupled							

Additional info: If fitted correctly, the screw sleeve completely covers the brake ring. The self-locking thread prevents unwanted loosening due to vibrations. The robust construction makes them ideal for use in harsh conditions.

Accessories:

SKF ZUBS AE - Dust protection for SKF...AE

SKFS IR E**Screw coupling (fixed)**

Application:	Automotive engineering
Connection 1:	BSP cylindrical internal threads
Sealing form 1:	for screw-in pins with shapes A, B and if necessary E
Material:	Steel
Surface:	electro galvanised
Description:	Screw couplings are designed for high pressures and pressure pulses. Can be coupled with up to 100 bar residual pressure on one side and up to 50 bar residual pressure on both sides.



Identification	DN*	Connecting thread	Coupling thread	Working pressure bar	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SF coup.*
SKFS 20 IR E	19	G 3/4" -14	Rd. 44 x 2.5	250	-25	100	3
SKFS 25 IR E	25	G 1" -11	Rd. 54 x 2.5	230	-25	100	3

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Additional info: The robust construction makes them ideal for use in harsh conditions.

Accessories:

SKF ZUBS E - Dust protection for SKF...E

3

SKF IN SP

Screw coupling (fixed)



Application:	General application, e.g. in industry, construction machinery, agricultural technology etc.
Connection 1:	NPT internal thread
Sealing form 1:	thread seal
Residual pressure:	Coupling under residual pressure is possible
compatible with:	Pioneer
Additional feature:	with ball valve
Material:	High resistance special steel
Surface:	galvanised, white chromised
Description:	Screw couplings are designed for high pressures and pressure pulses.

Identification	Size	DN*	Connecting thread	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKF 06 IN SP	1	6	NPT 1/4" -18	700	3	-25	125
SKF 10 IN 06 SP	2	10	NPT 1/4" -18	700	3	-25	125
SKF 10 IN SP	2	10	NPT 3/8" -18	700	3	-30	80

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Additional info: The robust construction makes them ideal for use in harsh conditions.

Accessories:

SKF ZUBS SP - Dust protection for SKF...SP

SKF IN SP KE**Screw coupling (fixed)**

Application:	General application, e.g. in industry, construction machinery, agricultural technology etc.
Connection 1:	NPT internal thread
Sealing form 1:	thread seal
Residual pressure:	Coupling under residual pressure is possible
compatible with:	Pioneer
Additional feature:	with plug valve
Material:	Steel
Surface:	electro galvanised
Description:	Screw couplings are designed for high pressures and pressure pulses.



Identification	Size	DN*	Connecting thread	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKF 06 IN SP KE	1	6	NPT 1/4" -18	1050	3	-25	125
SKF 10 IN SP KE	2	10	NPT 3/8" -18	1000	3	-25	125

SF gek. = Safety factor coupled DN = Nominal diameter, nominal width

Additional info: If fitted correctly, the screw sleeve completely covers the brake ring. The robust construction makes them ideal for use in harsh conditions.

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SKF IN SK VA

Screwed coupling fixed half



- Application:

Design:

Supplementary design information:

Connection 1:

Material:
- hydraulic tools, Industry and construction, mobile hydraulic pumps, hydraulic winches, hydraulic presses, rescue equipment, machinery subjected to cyclic loading with lockable safety latch

single-handed operation

NPT internal thread

Stainless steel, NBR, PTFE

Identification	Size	DN*	Connecting thread	Working pressure bar
SKF 06 IN SK VA	1i	6	NPT 1/4" -18	700
SKF 10 IN SK VA	2i	10	NPT 3/8" -18	700

DN = Nominal diameter, nominal width

Accessories:
SKF ZUBS SK - Dust protector for SKF..SK

SKF IR FS**Screwed coupling fixed half, flat sealing**

Design: flat sealing
Connection 1: BSP cylindrical internal threads
Sealing form 1: for screw-in pins with shapes A, B and if necessary E
compatible with: Stucchi
Material: Steel
Surface: electro galvanised



Identification	Size	DN*	Connecting thread	Working pressure bar	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKF 06 IR 1 FS	1	6	G 1/4" -19	400	-25	100
SKF 10 IR 2 FS	2	10	G 3/8" -19	350	-25	100
SKF 13 IR 2F S	2	12	G 1/2" -14	350	-25	100
SKF 13 IR 3 FS	3	12	G 1/2" -14	350	-25	100
SKF 20 IR 3 FS	3	19	G 3/4" -14	350	-25	100
SKF 20 IR 4 FS	4	19	G 3/4" -14	350	-25	100
SKF 25 IR 4 FS	4	25	G 1" -11	325	-25	100
SKF 25 IR 5 FS	5	25	G 1" -11	325	-25	100
SKF 32 IR 5 FS	5	31	G 1.1/4" -11	300	-25	100

DN = Nominal diameter, nominal width

Accessories:

SKF ZUBS FS ALU - Dust protector for SKF FS

SKF IR RO

Screw coupling (fixed)



Application: Hydraulic hammers, rams etc.
Connection 1: BSP cylindrical internal threads
Sealing form 1: for screw-in pins with shapes A, B and if necessary E
Material: Steel
Surface: electro galvanised
Description: This coupling has been specially designed for use in the toughest conditions and can withstand severe vibrations and compression. The inner parts can be replaced when worn (repair possible).

Identification	DN*	Connecting thread	SW mm	Coupling thread	Working pressure bar	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SF coup.*
SKF 10 IR RO	10	G 3/8" -19	22	Rd. 36 x 3	500	-30	120	4
SKF 13 IR RO	12	G 1/2" -14	26	Rd. 40 x 3	450	-30	120	4
SKF 20 IR RO	19	G 3/4" -14	30	Rd. 45 x 3	400	-30	120	4
SKF 25 IR RO	25	G 1" -11	40	Rd. 58 x 4	350	-30	120	4
SKF 32 IR RO	31	G 1.1/4" -11	48	Rd. 65 x 5	320	-30	120	4
SKF 40 IR RO	38	G 1.1/2" -11	55	Rd. 75 x 5	300	-30	120	4
SKF 50 IR RO	51	G 2" -11	76	Rd. 108 x 5	250	-30	120	4

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled SW = Width across flats

Spare parts:

SK ZUB 14 RO - Circlip for RO coupling
SK ZUB 13 RO - Sealing spring for RO coupling
SK ZUB 12 RO - Conical nipple for RO coupling
SK ZUB 15 RO - Threaded ring for RO coupling
SKF ZUB 10 RO - O-ring for SKF...RO
SKF ZUB 11 RO - Support ring for SKF...RO
SK ZUB 04 RO - Tool kit (3 piece), for RO coupling

Accessories:

SKF ZUBS 08 RO - Dust protection for SKF...RO
SK ZUB 01 RO - Welded on clip for RO coupling

SKF IR SN75**Screw coupling (fixed)**

Application: Offshore applications, oilfields, tools etc.
Design: Snap-tite series 75
Connection 1: BSP cylindrical internal threads
Sealing form 1: for screw-in pins with shapes A, B and if necessary E
Residual pressure: Coupling under residual pressure is possible
Material: Steel
Surface: electro galvanised
Description: Screw couplings are designed for high pressures and pressure pulses.



Identification	DN*	Connecting thread	Coupling thread	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKF 20 IR SN75	19	G 3/4" -14	1.3/4" -8	345	4	-40	90
SKF 25 IR SN75	25	G 1" -11	2.1/4" -6	345	4	-40	90
SKF 32 IR SN75	31	G 1.1/4" -11	2.5/8" -6	345	3	-40	90
SKF 40 IR SN75	38	G 1.1/2" -11	3.1/4" -4	345	3	-40	90
SKF 50 IR SN75	51	G 2" -11	4" -4	345	3	-40	90
SKF 75 IR SN75	76	G 3" -11	6" -4	207	2	-40	90

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Additional info: The robust construction makes them ideal for use in harsh conditions.

Accessories:

SKF ZUBS SN75 - Dust protection for SKF...SN 75

SKF IN F SN78**Screw coupling (fixed)**

Application:	Industry and automotive engineering
Design:	Snap-tite series 78
Connection 1:	NPT internal thread
Sealing form 1:	thread seal
Residual pressure:	Coupling under residual pressure is possible
Material:	Brass
Description:	Screw couplings are designed for high pressures and pressure pulses.

Identification	DN*	Connecting thread	Working pressure bar	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SF coup.*
SKF 20 IN F SN78	19	NPT 3/4" -14	207	-40	90	2
SKF 25 IN F SN78	25	NPT 1" -11.5	207	-40	90	2
SKF 32 IN F SN78	31	NPT 1.1/4" -11.5	190	-40	90	2

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Additional info: The robust construction makes them ideal for use in harsh conditions.

Accessories:

SKF ZUBS F SN78 - Dust protection for SKF...SN 78

SKF IR F SN78**Screw coupling (fixed)**

Application: Industry and automotive engineering
Design: Snap-tite series 78
Connection 1: BSP cylindrical internal threads
Sealing form 1: for screw-in pins with shapes A, B and if necessary E
Residual pressure: Coupling under residual pressure is possible
Material: Brass
Description: Screw couplings are designed for high pressures and pressure pulses.



Identification	DN*	Connecting thread	Working pressure bar	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SF coup.*
SKF 20 IR F SN78	19	G 3/4" -14	207	-40	90	2
SKF 32 IR F SN78	31	G 1.1/4" -11	190	-40	90	2

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Additional info: The robust construction makes them ideal for use in harsh conditions.

Accessories:

SKF ZUBS F SN78 - Dust protection for SKF...SN 78

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SKL HL / SKL HS**Screw coupling (loose)**

Application: General application, e.g. in industry, construction machinery, agricultural technology etc.

Connection 1: metric cylindrical outer thread

Sealing form 1: 24° inner cone

Residual pressure: Coupling under residual pressure is possible

Material: Steel

Surface: electro galvanised

Description: Screw couplings are designed for high pressures and pressure pulses.

Identification	Size	DN*	Series for external pipe	Ø pipe mm	Connecting thread	Coupling thread	Working pressure bar	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SF coup.*
SKL 04 HL 1	1	4	L	6	M 12 x 1.5	Rd. 24 x 2	315	-25	100	4
SKL 06 HL 1	1	6	L	8	M 14 x 1.5	Rd. 24 x 2	450	-30	100	4
SKL 06 HL 2	2	6	L	8	M 14 x 1.5	Rd. 28 x 2	325	-30	100	4
SKL 06 HL 3	3	6	L	8	M 14 x 1.5	Rd. 36 x 2	300	-30	100	4
SKL 08 HL 2	2	8	L	10	M 16 x 1.5	Rd. 28 x 2	325	-30	100	4
SKL 08 HL 3	3	8	L	10	M 16 x 1.5	Rd. 36 x 2	300	-30	100	4
SKL 10 HL 3	3	10	L	12	M 18 x 1.5	Rd. 36 x 2	300	-30	100	4
SKL 10 HL 4	4	10	L	12	M 18 x 1.5	Rd. 42 x 2	250	-30	100	4
SKL 13 HL 3	3	12	L	15	M 22 x 1.5	Rd. 36 x 2	300	-30	100	4
SKL 13 HL 4	4	12	L	15	M 22 x 1.5	Rd. 42 x 2	250	-30	100	4
SKL 16 HL 3	3	16	L	18	M 26 x 1.5	Rd. 36 x 2	300	-30	100	4
SKL 16 HL 4	4	16	L	18	M 26 x 1.5	Rd. 42 x 2	250	-30	100	4
SKL 16 HL 5	5	16	L	18	M 26 x 1.5	Rd. 48 x 3	250	-30	100	4
SKL 20 HL 5	5	19	L	22	M 30 x 2	Rd. 48 x 3	250	-30	100	4
SKL 25 HL 5	5	25	L	28	M 36 x 2	Rd. 48 x 3	250	-30	100	4
SKL 32 HL 5	5	31	L	35	M 45 x 2	Rd. 48 x 3	250	-30	100	4
SKL 32 HL 6	6	31	L	35	M 45 x 2	Rd. 70 x 3	160	-25	100	4
SKL 40 HL 6	6	38	L	42	M 52 x 2	Rd. 70 x 3	160	-25	100	4
SKL 04 HS 1	1	4	S	8	M 16 x 1.5	Rd. 24 x 2	450	-25	100	4
SKL 06 HS 1	1	6	S	10	M 18 x 1.5	Rd. 24 x 2	450	-25	100	4
SKL 06 HS 2	2	6	S	10	M 18 x 1.5	Rd. 28 x 2	325	-30	100	4
SKL 06 HS 3	3	6	S	10	M 18 x 1.5	Rd. 36 x 2	300	-30	100	4
SKL 08 HS 2	2	8	S	12	M 20 x 1.5	Rd. 28 x 2	325	-30	100	4
SKL 08 HS 3	3	8	S	12	M 20 x 1.5	Rd. 36 x 2	300	-30	100	4
SKL 10 HS 3	3	10	S	14	M 22 x 1.5	Rd. 36 x 2	300	-30	100	4
SKL 10 HS 4	4	10	S	14	M 22 x 1.5	Rd. 42 x 2	250	-25	125	4
SKL 13 HS 3	3	12	S	16	M 24 x 1.5	Rd. 36 x 2	300	-30	100	4
SKL 13 HS 4	4	12	S	16	M 24 x 1.5	Rd. 42 x 2	250	-30	100	4
SKL 16 HS 3	3	16	S	20	M 30 x 2	Rd. 36 x 2	300	-25	125	4
SKL 16 HS 4	4	16	S	20	M 30 x 2	Rd. 42 x 2	250	-30	100	4
SKL 16 HS 5	5	16	S	20	M 30 x 2	Rd. 48 x 3	250	-30	100	4
SKL 20 HS 5	5	19	S	25	M 36 x 2	Rd. 48 x 3	250	-30	100	4
SKL 25 HS 5	5	25	S	30	M 42 x 2	Rd. 48 x 3	250	-30	100	4
SKL 25 HS 6	6	25	S	30	M 42 x 2	Rd. 70 x 3	300	-30	100	4

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

SKL HL / SKL HS

(Continued)

Screw coupling (loose)

Identification	Size	DN*	Series	for external pipe Ø mm	Connecting thread	Coupling thread	Working pressure bar	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SF coup.*
SKL 32 HS 6	6	31	S	38	M 52 x 2	Rd. 70 x 3	300	-30	100	4

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Additional info: The robust construction makes them ideal for use in harsh conditions.**Product versions:**

SKL HL SI / SKL HS SI - Screw coupling with locking mechanism (loose), Steel, electro galvanised, electro galvanised

Accessories:

SKL ZUBS - Dust protection for SKL

SKLS HL / SKLS HS**Screw coupling (loose)**

- Application:** General application, e.g. in industry, construction machinery, agricultural technology etc.
- Design:** Coupling with bulkhead connection
- Connection 1:** metric cylindrical outer thread
- Sealing form 1:** 24° inner cone
- Residual pressure:** Coupling under residual pressure is possible
- Material:** Steel
- Surface:** electro galvanised
- Description:** Screw couplings are designed for high pressures and pressure pulses.

Identification	Size	DN*	Series	for external pipe Ø mm	Connecting thread	Coupling thread	Working pressure bar	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SF coup.*
SKLS 04 HL 1	1	4	L	6	M 12 x 1.5	Rd. 24 x 2	315	-25	100	4
SKLS 06 HL 1	1	6	L	8	M 14 x 1.5	Rd. 24 x 2	450	-30	100	4
SKLS 06 HL 2	2	6	L	8	M 14 x 1.5	Rd. 28 x 2	270	-30	100	4
SKLS 06 HL 3	3	6	L	8	M 14 x 1.5	Rd. 36 x 2	300	-30	100	4
SKLS 08 HL 2	2	8	L	10	M 16 x 1.5	Rd. 28 x 2	270	-30	100	4
SKLS 08 HL 3	3	8	L	10	M 16 x 1.5	Rd. 36 x 2	300	-30	100	4
SKLS 10 HL 3	3	10	L	12	M 18 x 1.5	Rd. 36 x 2	300	-30	100	4
SKLS 10 HL 4	4	10	L	12	M 18 x 1.5	Rd. 42 x 2	250	-30	100	4
SKLS 13 HL 3	3	12	L	15	M 22 x 1.5	Rd. 36 x 2	300	-30	100	4
SKLS 13 HL 4	4	12	L	15	M 22 x 1.5	Rd. 42 x 2	250	-30	100	4
SKLS 16 HL 3	3	16	L	18	M 26 x 1.5	Rd. 36 x 2	300	-30	100	4
SKLS 16 HL 4	4	16	L	18	M 26 x 1.5	Rd. 42 x 2	250	-30	100	4
SKLS 16 HL 5	5	16	L	18	M 26 x 1.5	Rd. 48 x 3	250	-30	100	4
SKLS 20 HL 3	5	19	L	22	M 30 x 2	Rd. 48 x 3	250	-30	100	4
SKLS 25 HL 5	5	25	L	28	M 36 x 2	Rd. 48 x 3	250	-30	100	4
SKLS 32 HL 6	6	31	L	38	M 45 x 2	Rd. 70 x 3	160	-25	100	4
SKLS 40 HL 6	6	38	L	42	M 52 x 2	Rd. 70 x 3	160	-25	100	4
SKLS 04 HS 1	1	4	S	8	M 16 x 1.5	Rd. 24 x 2	450	-25	100	4
SKLS 06 HS 1	1	6	S	10	M 18 x 1.5	Rd. 24 x 2	450	-25	100	4
SKLS 06 HS 2	2	6	S	10	M 18 x 1.5	Rd. 28 x 2	325	-30	100	4
SKLS 06 HS 3	3	6	S	10	M 18 x 1.5	Rd. 36 x 2	300	-30	100	4
SKLS 08 HS 2	2	8	S	12	M 20 x 1.5	Rd. 28 x 2	325	-30	100	4
SKLS 08 HS 3	3	8	S	12	M 20 x 1.5	Rd. 36 x 2	300	-30	100	4
SKLS 10 HS 3	3	10	S	14	M 22 x 1.5	Rd. 36 x 2	300	-30	100	4
SKLS 10 HS 4	4	10	S	14	M 22 x 1.5	Rd. 42 x 2	250	-25	125	4
SKLS 13 HS 3	3	12	S	16	M 24 x 1.5	Rd. 36 x 2	300	-30	100	4
SKLS 13 HS 4	4	12	S	16	M 24 x 1.5	Rd. 42 x 2	250	-30	100	4
SKLS 16 HS 4	4	16	S	20	M 30 x 2	Rd. 42 x 2	250	-30	100	4
SKLS 16 HS 5	5	16	S	20	M 30 x 2	Rd. 48 x 3	250	-30	100	4
SKLS 20 HS 5	5	19	S	25	M 36 x 2	Rd. 48 x 3	250	-30	100	4
SKLS 25 HS 5	5	25	S	30	M 42 x 2	Rd. 48 x 3	250	-30	100	4
SKLS 25 HS 6	6	25	S	30	M 42 x 2	Rd. 70 x 3	300	-25	100	4
SKLS 32 HS 6	6	31	S	38	M 52 x 2	Rd. 70 x 3	300	-30	100	4

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Additional info: The robust construction makes them ideal for use in harsh conditions.

Accessories:

SKL ZUBS - Dust protection for SKL

SKL HJ**Screw coupling (loose)**

Application:	General application, e.g. in industry, construction machinery, agricultural technology etc.
Connection 1:	UN/UNF external threads
Sealing form 1:	74° outer cone
Residual pressure:	Coupling under pressure to approx. 200 bar
Material:	Steel
Surface:	electro galvanised
Description:	Screw couplings are designed for high pressures and pressure pulses.



Identification	Size	DN*	Connecting thread	Coupling thread	Working pressure bar	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SF coup.*
SKL 13 HJ 2	2	12	UNF 3/4" -16	Rd. 28 x 2	450	-25	100	4

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Additional info: The robust construction makes them ideal for use in harsh conditions.

Accessories:

SKL ZUBS - Dust protection for SKL

SKL IM

Screw coupling (loose)



- Application:** General application, e.g. in industry, construction machinery, agricultural technology etc.
- Connection 1:** metric cylindrical inner thread
- Sealing form 1:** for screw-in pins with shapes A, B and if necessary E
- Residual pressure:** Coupling under residual pressure is possible
- Material:** Steel
- Surface:** electro galvanised
- Description:** Screw couplings are designed for high pressures and pressure pulses.

Identification	Size	DN*	Connecting thread	Coupling thread	Working pressure bar	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SF coup.*
SKL 06 IM 1	1	6	M 14 x 1.5	Rd. 24 x 2	450	-25	100	4
SKL 08 IM 2	2	8	M 16 x 1.5	Rd. 28 x 2	325	-30	100	4
SKL 10 IM 3	3	10	M 18 x 1.5	Rd. 36 x 2	300	-30	100	4
SKL 13 IM 3	3	12	M 22 x 1.5	Rd. 36 x 2	300	-30	100	4
SKL 13 IM 4	4	12	M 22 x 1.5	Rd. 42 x 2	250	-30	100	4
SKL 16 IM 4	4	16	M 26 x 1.5	Rd. 42 x 2	250	-25	100	4
SKL 20 IM 5	5	19	M 30 x 1.5	Rd. 48 x 3	250	-25	125	4

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Additional info: The robust construction makes them ideal for use in harsh conditions.

Accessories:

SKL ZUBS - Dust protection for SKL

SKL IR**Screw coupling (loose)**

Application:	General application, e.g. in industry, construction machinery, agricultural technology etc.
Connection 1:	BSP cylindrical internal threads
Sealing form 1:	for screw-in pins with shapes A, B and if necessary E
Residual pressure:	Coupling under residual pressure is possible
Material:	Steel
Surface:	electro galvanised
Description:	Screw couplings are designed for high pressures and pressure pulses.



Identification	Size	DN*	Connecting thread	Coupling thread	Working pressure bar	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SF coup.*
SKL 06 IR 1	1	6	G 1/4" -19	Rd. 24 x 2	450	-30	100	4
SKL 10 IR 2	2	10	G 3/8" -19	Rd. 28 x 2	450	-30	100	4
SKL 10 IR 3	3	10	G 3/8" -19	Rd. 36 x 2	400	-30	100	4
SKL 13 IR 3	3	12	G 1/2" -14	Rd. 36 x 2	400	-30	100	4
SKL 20 IR 4	4	19	G 3/4" -14	Rd. 42 x 2	400	-30	100	4
SKL 20 IR 5	5	19	G 3/4" -14	Rd. 48 x 3	300	-30	100	4
SKL 25 IR 5	5	25	G 1" -11	Rd. 48 x 3	300	-30	100	4
SKL 32 IR 6	6	31	G 1.1/4" -11	Rd. 70 x 3	300	-25	100	4
SKL 40 IR 6	6	38	G 1.1/2" -11	Rd. 70 x 3	300	-25	100	4

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Additional info: The robust construction makes them ideal for use in harsh conditions.

Product versions:

SKL IR VA - Screw coupling (loose), Stainless steel

Accessories:

SKL ZUBS - Dust protection for SKL

SKL IR VA

Screw coupling (loose)



- Application:** General application, e.g. in industry, construction machinery, agricultural technology etc.
- Connection 1:** BSP cylindrical internal threads
- Sealing form 1:** for screw-in pins with shapes A, B and if necessary E
- Residual pressure:** Coupling under residual pressure is possible
- Material:** Stainless steel
- Description:** Screw couplings are designed for high pressures and pressure pulses.

Identification	Size	DN*	Connecting thread	Coupling thread	Working pressure bar	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SF coup.*
SKL 10 IR 2 VA	2	10	G 3/8" -19	Rd. 28 x 2	250	-25	200	4
SKL 13 IR 3 VA	3	12	G 1/2" -14	Rd. 36 x 2	250	-25	200	4
SKL 20 IR 4 VA	4	19	G 3/4" -14	Rd. 42 x 2	150	-25	200	4
SKL 25 IR 5 VA	5	25	G 1" -11	Rd. 48 x 3	150	-25	200	4
SKL 32 IR 6 VA	6	31	G 1.1/4" -11	Rd. 70 x 3	100	-25	200	4

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Additional info: The robust construction makes them ideal for use in harsh conditions.

Product versions:

SKL IR - Screw coupling (loose), Steel, electro galvanised

Accessories:

SKL ZUBS - Dust protection for SKL

SKL IM AE**Screw coupling (loose)**

Application:	General application, e.g. in industry, construction machinery, agricultural technology etc.
Connection 1:	metric cylindrical inner thread
Sealing form 1:	for screw-in pins with shapes A, B and if necessary E
Residual pressure:	Coupling under residual pressure is possible
compatible with:	Aeroquip
Material:	Steel
Surface:	electro galvanised
Description:	Screw couplings are designed for high pressures and pressure pulses.



Identification	DN*	Connecting thread	Coupling thread	Working pressure bar	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SF coup.*
SKL 13 IM AE	12	M 22 x 1.5	Rd. 35 x 2	350	-30	100	4
SKL 16 IM AE	16	M 26 x 1.5	Rd. 42 x 2	350	-30	100	
SKL 20 IM AE	19	M 30 x 1.5	Rd. 54 x 3	350	-30	100	4
SKL 25 IM AE	25	M 38 x 1.5	Rd. 64 x 3	350	-40	150	

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Additional info: The robust construction makes them ideal for use in harsh conditions.

Accessories:

SKL ZUBS AE - Dust protection for SKL...AE

SKL IR E

Screw coupling (loose)



Application: Automotive engineering
Connection 1: BSP cylindrical internal threads
Sealing form 1: for screw-in pins with shapes A, B and if necessary E
Material: Steel
Surface: electro galvanised
Description: Screw couplings are designed for high pressures and pressure pulses. Can be coupled with up to 100 bar residual pressure on one side and up to 50 bar residual pressure on both sides.

Identification	DN*	Connecting thread	Coupling thread	Working pressure bar	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SF coup.*
SKL 20 IR E	19	G 3/4" -14	Rd. 44 x 2.5	250	-25	100	3
SKL 25 IR E	25	G 1" -11	Rd. 54 x 2.5	230	-25	100	3

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Additional info: The robust construction makes them ideal for use in harsh conditions.

Accessories:

SKL ZUBS E - Dust protection for SKL...E

SKL HN SP**Screw coupling (loose)**

Application:	General application, e.g. in industry, construction machinery, agricultural technology etc.
Connection 1:	NPT external threads
Sealing form 1:	thread seal
Residual pressure:	Coupling under residual pressure is possible
compatible with:	Pioneer
Additional feature:	with ball valve
Material:	Steel
Surface:	electro galvanised



Identification	DN*	Connecting thread	Working pressure bar	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SF coup.*
SKL 06 HN SP	6	NPT 1/4" -18	700	-25	110	3
SKL 10 HN 06 SP	10	NPT 1/4" -18	700	-25	125	3
SKL 10 HN SP	10	NPT 3/8" -18	700	-30	80	3

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Additional info: The robust construction makes them ideal for use in harsh conditions.

Accessories:

SKL ZUBS SP - Dust protection for SKL...SP

SKL HN SP KE

Screw coupling (loose)



- Application:** General application, e.g. in industry, construction machinery, agricultural technology etc.
- Connection 1:** NPT external threads
- Sealing form 1:** thread seal
- Residual pressure:** Coupling under residual pressure is possible
- compatible with:** Pioneer
- Additional feature:** with plug valve
- Material:** Steel
- Surface:** electro galvanised
- Description:** Screw couplings are designed for high pressures and pressure pulses.

Identification	DN*	Connecting thread	Working pressure bar	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SF coup.*
SKL 06 HN SP KE	6	NPT 1/4" -18	1050	-25	125	3
SKL 10 HN SP KE	10	NPT 3/8" -18	1000	-25	125	3
BD = Working pressure SF gek. = Safety factor coupled						

Additional info: The robust construction makes them ideal for use in harsh conditions.

Accessories:

SKF ZUBS SP - Dust protection for SKF...SP

SKL HN SK VA**Screwed coupling, loose half**

- Application:** hydraulic tools, Industry and construction, mobile hydraulic pumps, hydraulic winches, hydraulic presses, rescue equipment, machinery subjected to cyclic loading with lockable safety latch
- Design:**
- Supplementary design information:** single-handed operation
- Connection 1:** NPT external threads
- Material:** Stainless steel, NBR, PTFE



Identification	Size	DN*	Connecting thread	Working pressure bar
SKL 06 HN SK VA	1i	6	NPT 1/4" -18	700
SKL 10 HN SK VA	2i	10	NPT 3/8" -18	700

DN = Nominal diameter, nominal width

Accessories:

SKL ZUBS SK - Dust protector for SKL...SK

SKL IR FS

Screwed coupling, loose half, flat sealing



Design: flat sealing
Connection 1: BSP cylindrical internal threads
Sealing form 1: for screw-in pins with shapes A, B and if necessary E
compatible with: Stucchi
Material: Steel
Surface: electro galvanised

Identification	Size	DN*	Connecting thread	Working pressure bar	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKL 06 IR 1 FS	1	6	G 1/4" -19	400	-25	100
SKL 10 IR 2 FS	2	10	G 3/8" -19	350	-25	100
SKL 13 IR 2 FS	2	12	G 1/2" -14	350	-25	100
SKL 13 IR 3 FS	3	12	G 1/2" -14	350	-25	100
SKL 20 IR 3 FS	3	19	G 3/4" -14	350	-25	100
SKL 20 IR 4 FS	4	19	G 3/4" -14	350	-25	100
SKL 25 IR 4 FS	4	25	G 1" -11	325	-25	100
SKL 25 IR 5 FS	5	25	G 1" -11	325	-25	100
SKL 32 IR 5 FS	5	31	G 1.1/4" -11	300	-25	100

DN = Nominal diameter, nominal width

Accessories:

SKL ZUBS FS ALU - Dust protector for SKL FS

SKL IR RO**Screw coupling (loose)**

Application: Hydraulic hammers, rams etc.
Connection 1: BSP cylindrical internal threads
Sealing form 1: for screw-in pins with shapes A, B and if necessary E
Material: Steel
Surface: electro galvanised
Description: This coupling has been specially designed for use in the toughest conditions and can withstand severe vibrations and compression. The inner parts can be replaced when worn (repair possible).



Note: To prevent the hexagonal nuts from coming loose if vibrations occur, they must be securely tightened with a flat spanner.

Identification	DN*	Connecting thread	SW mm	Coupling thread	Working pressure bar	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SF coup.*
SKL 10 IR RO	10	G 3/8" -19	45	Rd. 36 x 3	500	-30	120	4
SKL 13 IR RO	12	G 1/2" -14	50	Rd. 40 x 3	450	-30	120	4
SKL 20 IR RO	19	G 3/4" -14	55	Rd. 45 x 3	400	-30	120	4
SKL 25 IR RO	25	G 1" -11	70	Rd. 58 x 4	350	-30	120	4
SKL 32 IR RO	31	G 1.1/4" -11	80	Rd. 65 x 5	320	-30	120	4
SKL 40 IR RO	38	G 1.1/2" -11	87	Rd. 75 x 5	300	-30	120	4
SKL 50 IR RO	51	G 2" -11	130	Rd. 108 x 5	250	-30	120	4

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled SW = Width across flats

Spare parts:

SK ZUB 15 RO - Threaded ring for RO coupling
SK ZUB 04 RO - Tool kit (3 piece), for RO coupling
SK ZUB 12 RO - Conical nipple for RO coupling
SK ZUB 13 RO - Sealing spring for RO coupling
SK ZUB 14 RO - Circlip for RO coupling

Accessories:

SKL ZUB 03 RO - Flat spanner for SKL...RO
SKL ZUBS 09 RO - Dust protection for SKL...RO
SK ZUB 01 RO - Welded on clip for RO coupling

SKL IR SN75**Screw coupling (loose)**

Application: Offshore applications, oilfields, tools etc.
Design: Snap-tite series 75
Connection 1: BSP cylindrical internal threads
Sealing form 1: for screw-in pins with shapes A, B and if necessary E
Residual pressure: Coupling under residual pressure is possible
Material: Steel
Surface: electro galvanised
Description: Screw couplings are designed for high pressures and pressure pulses.

Identification	DN*	Connecting thread	Coupling thread	Working pressure bar	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SF coup.*
SKL 20 IR SN75	19	G 3/4" -14	1.3/4" -8	345	-40	90	4
SKL 25 IR SN75	25	G 1" -11	2.1/4" -6	345	-40	90	4
SKL 32 IR SN75	31	G 1.1/4" -11	2.5/8" -6	345	-40	90	3
SKL 40 IR SN75	38	G 1.1/2" -11	3.1/4" -4	345	-40	90	3
SKL 50 IR SN75	51	G 2" -11	4" -4	345	-40	90	3
SKL 75 IR SN75	76	G 3" -11	6" -4	207	-40	90	2

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Additional info: The robust construction makes them ideal for use in harsh conditions.

SKL IN F SN78**Screw coupling (loose)**

Application:	Industry and automotive engineering
Design:	Snap-tite series 78
Connection 1:	NPT internal thread
Sealing form 1:	thread seal
Residual pressure:	Coupling under residual pressure is possible
Additional feature:	with wing nut
Material:	Brass
Description:	Screw couplings are designed for high pressures and pressure pulses.



Identification	DN*	Connecting thread	Working pressure bar	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SF coup.*
SKL 20 IN F SN78	19	NPT 3/4" -14	207	-40	90	2
SKL 25 IN F SN78	25	NPT 1" -11.5	207	-40	90	2
SKL 32 IN F SN78	31	NPT 1.1/4" -11.5	190	-40	90	2
SKL 40 IN F SN78	38	NPT 1.1/2" -11.5	175	-40	90	2

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Additional info: The robust construction makes them ideal for use in harsh conditions.

SKL IN F SN78 SK

Screw coupling (loose)



- Application:** Industry and automotive engineering
- Connection 1:** NPT internal thread
- Sealing form 1:** thread seal
- Residual pressure:** Coupling under residual pressure is possible
- Additional feature:** Hexagonal design
- Material:** Brass
- Description:** Screw couplings are designed for high pressures and pressure pulses.

Identification	DN*	Connecting thread	Working pressure bar	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SF coup.*
SKL 20 IN F SN78 SK	19	NPT 3/4" -14	207	-40	90	2
SKL 25 IN F SN78 SK	25	NPT 1" -11.5	207	-40	90	2
SKL 32 IN F SN78 SK	31	NPT 1.1/4" -11.5	190	-40	90	2
SKL 40 IN F SN78 SK	38	NPT 1.1/2" -11.5	175	-40	90	2
DN = Nominal diameter, nominal width SF gek. = Safety factor coupled						

Additional info: The robust construction makes them ideal for use in harsh conditions.

SKL IR F SN78**Screw coupling (loose)**

Application:	Industry and automotive engineering
Design:	Snap-tite series 78
Connection 1:	BSP cylindrical internal threads
Sealing form 1:	for screw-in pins with shapes A, B and if necessary E
Residual pressure:	Coupling under residual pressure is possible
Additional feature:	with wing nut
Material:	Brass
Description:	Screw couplings are designed for high pressures and pressure pulses.



Identification	DN*	Connecting thread	Working pressure bar	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SF coup.*
SKL 25 IR F SN78	25	G 1" -11	207	-40	90	2
SKL 32 IR F SN78	31	G 1.1/4" -11	190	-40	90	2

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Additional info: The robust construction makes them ideal for use in harsh conditions.

3

SKL IR F SN78 SK

Screw coupling (loose)



- Application:** Industry and automotive engineering
- Design:** Snap-tite series 78
- Connection 1:** BSP cylindrical internal threads
- Sealing form 1:** for screw-in pins with shapes A, B and if necessary E
- Residual pressure:** Coupling under residual pressure is possible
- Additional feature:** Hexagonal design
- Material:** Brass
- Description:** Screw couplings are designed for high pressures and pressure pulses.

Identification	DN*	Connecting thread	Working pressure bar	Mineral oil temp. min. °C	Mineral oil temp. max. °C	SF coup.*
SKL 20 IR F SN78 SK	19	G 3/4" -14	207	-40	90	2
SKL 25 IR F SN78 SK	25	G 1" -11	207	-40	90	2

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Additional info: The robust construction makes them ideal for use in harsh conditions.

SK ZUB 01 RO**Welded on clip for RO coupling****Included in scope****of supply:****suitable for:****Material:**

Retainer with screw and nut

Screw coupling loose half SKL...RO and fixed half SKF...RO.

Steel



Identification	DN*	for RO coupling
SK ZUB 01 RO 03	10	3/8"
SK ZUB 01 RO 04	12	1/2"
SK ZUB 01 RO 05	19	3/4"
SK ZUB 01 RO 06	25	1"
SK ZUB 01 RO 07	31	1.1/4"
SK ZUB 01 RO 08	38	1.1/2"
SK ZUB 01 RO 09	51	2"

DN = Nominal diameter, nominal width

Accessory for following products:**SKL IR RO** - Screw coupling (loose)**SKF IR RO** - Screw coupling (fixed)

SKF ZUBS

Dust protection for SKF



suitable for:

Screw coupling (fixed)

Material:

Plastic

Identification	Size	for coupling thread	Colour
SKF ZUBS 1	1	Rd. 24 x 2	red
SKF ZUBS 2	2	Rd. 28 x 2	red
SKF ZUBS 2 BLAU	2	Rd. 28 x 2	blue
SKF ZUBS 2 GELB	2	Rd. 28 x 2	yellow
SKF ZUBS 2 GRUEN	2	Rd. 28 x 2	green
SKF ZUBS 3	3	Rd. 36 x 2	red
SKF ZUBS 3 BLAU	3	Rd. 36 x 2	blue
SKF ZUBS 3 GELB	3	Rd. 36 x 2	yellow
SKF ZUBS 3 GRUEN	3	Rd. 36 x 2	green
SKF ZUBS 4	4	Rd. 42 x 2	red
SKF ZUBS 5	5	Rd. 48 x 3	red
SKF ZUBS 6	6	Rd. 70 x 3	red

Product versions:

SKF ZUBS AL - Cap, Aluminium

Accessory for following products:

SKF HL / SKF HS - Screw coupling (fixed)

SKFS HL / SKFS HS - Screw coupling (fixed)

SKF IR - Screw coupling (fixed)

SKF IM - Screw coupling (fixed)

SKF SF6 - Screw coupling (fixed)

SKF HJ - Screw coupling (fixed)

SKF ZUBS 08 RO**Dust protection for SKF...RO**

suitable for: Screw coupling (fixed) SKF...RO
Material: Plastic



Identification	DN*	for coupling thread
SKF ZUBS 08 RO 03	10	Rd. 36 x 3
SKF ZUBS 08 RO 04	12	Rd. 40 x 3
SKF ZUBS 08 RO 05	19	Rd. 45 x 3
SKF ZUBS 08 RO 06	25	Rd. 58 x 4
SKF ZUBS 08 RO 07	31	Rd. 65 x 5
SKF ZUBS 08 RO 08	38	Rd. 75 x 5
SKF ZUBS 08 RO 09	51	Rd. 108 x 5

DN = Nominal diameter, nominal width

Accessory for following products:

SKF IR RO - Screw coupling (fixed)

3

SKF ZUBS AE

Dust protection for SKF...AE



suitable for: Screw coupling (fixed) SKF...AE
Material: Aluminium

3

Identification	DN*	for coupling thread
SKF ZUBS 13 AE	12	Rd. 35 x 2
SKF ZUBS 16 AE	16	Rd. 42 x 2
SKF ZUBS 20 AE	19	Rd. 54 x 3
SKF ZUBS 25 AE	25	Rd. 64 x 3
DN = Nominal diameter, nominal width		

Accessory for following products:
SKF IM AE - Screw coupling (fixed)

SKF ZUBS E**Dust protection for SKF...E**

suitable for: Screw coupling (fixed) SKF...E
Material: Steel



Identification	DN*	for coupling thread
SKF ZUBS 20 E	19	Rd. 44 x 2.5
SKF ZUBS 25 E	25	Rd. 54 x 2.5
DN = Nominal diameter, nominal width		

Accessory for following products:

SKFS IR E - Screw coupling (fixed)

3

SKF ZUBS F SN78

Dust protection for SKF...SN 78



suitable for: Screw coupling (fixed), Snap-tite series 78
Material: Steel

Identification	DN*
SKF ZUBS 20 F SN78	19
SKF ZUBS 25 F SN78	25
SKF ZUBS 32 F SN78	31
DN = Nominal diameter, nominal width	

Accessory for following products:

- SKF IR F SN78 - Screw coupling (fixed)
- SKF IN F SN78 - Screw coupling (fixed)

SKF ZUBS FS ALU**Dust protector for SKF FS**

suitable for: Screw coupling fixed half SKF...FS
Material: Aluminium



Identification	Size
SKF ZUBS 1 FS ALU	1
SKF ZUBS 2 FS ALU	2
SKF ZUBS 3 FS ALU	3
SKF ZUBS 4 FS ALU	4
SKF ZUBS 5 FS ALU	5

Accessory for following products:

SKF IR FS - Screwed coupling fixed half, flat sealing

3

SKF ZUBS SK

Dust protector for SKF..SK



suitable for: Screw coupling fixed half SKF...SK
Material: Plastic

Identification	DN*	for coupling thread
SKF ZUBS 06 SK	6	1/4" NPT
SKF ZUBS 10 SK	10	3/8" NPT
DN = Nominal diameter, nominal width		

Accessory for following products:
SKF IN SK VA - Screwed coupling fixed half

SKF ZUBS SN75**Dust protection for SKF...SN 75**

suitable for: Screw coupling (fixed), Snap-tite series 75
Material: Steel



Identification	DN*	for coupling thread
SKF ZUBS 20 SN75	19	1.3/4" -8
SKF ZUBS 25 SN75	25	2.1/4" -6
SKF ZUBS 32 SN75	31	2.5/8" -6
SKF ZUBS 40 SN75	38	3.1/4" -4
SKF ZUBS 50 SN75	51	4" -4
DN = Nominal diameter, nominal width		

Accessory for following products:

SKF IR SN75 - Screw coupling (fixed)

SKF ZUBS SP

Dust protection for SKF...SP



suitable for: Screw coupling (fixed), SKF...SP
Material: Aluminium

Identification	DN*
SKF ZUBS SP 04	6
SKF ZUBS SP 06	10
DN = Nominal diameter, nominal width	

Accessory for following products:
SKF IN SP - Screw coupling (fixed)
SKL HN SP KE - Screw coupling (loose)

SK ZUB 01 RO**Welded on clip for RO coupling****Included in scope
of supply:**

Retainer with screw and nut

suitable for:

Screw coupling loose half SKL...RO and fixed half SKF...RO.

Material:

Steel



Identification	DN*	for RO coupling
SK ZUB 01 RO 03	10	3/8"
SK ZUB 01 RO 04	12	1/2"
SK ZUB 01 RO 05	19	3/4"
SK ZUB 01 RO 06	25	1"
SK ZUB 01 RO 07	31	1.1/4"
SK ZUB 01 RO 08	38	1.1/2"
SK ZUB 01 RO 09	51	2"

DN = Nominal diameter, nominal width

Accessory for following products:**SKL IR RO** - Screw coupling (loose)**SKF IR RO** - Screw coupling (fixed)

SKL ZUB 03 RO

Flat spanner for SKL...RO



suitable for: Screw coupling (loose) SKL...RO
Material: Steel

Identification	DN*	SW mm
SKL ZUB 03 RO 03	10	45
SKL ZUB 03 RO 04	12	50
SKL ZUB 03 RO 05	19	55
SKL ZUB 03 RO 06	25	70
SKL ZUB 03 RO 07	31	80
SKL ZUB 03 RO 08	38	87
SKL ZUB 03 RO 09	51	130
DN = Nominal diameter, nominal width SW = Width across flats		

Accessory for following products:
SKL IR RO - Screw coupling (loose)

SKL ZUBS**Dust protection for SKL**

suitable for: Screw coupling (loose)
Material: Plastic



Identification	Size	for coupling thread	Colour
SKL ZUBS 1	1	Rd. 24 x 2	red
SKL ZUBS 2	2	Rd. 28 x 2	red
SKL ZUBS 2 BLAU	2	Rd. 28 x 2	blue
SKL ZUBS 2 GELB	2	Rd. 28 x 2	yellow
SKL ZUBS 2 GRUEN	2	Rd. 28 x 2	green
SKL ZUBS 3	3	Rd. 36 x 2	red
SKL ZUBS 3 BLAU	3	Rd. 36 x 2	blue
SKL ZUBS 3 GELB	3	Rd. 36 x 2	yellow
SKL ZUBS 3 GRUEN	3	Rd. 36 x 2	green
SKL ZUBS 4	4	Rd. 42 x 2	red
SKL ZUBS 5	5	Rd. 48 x 3	red
SKL ZUBS 6	6	Rd. 70 x 3	red

Product versions:

SKL ZUBS AL - Dust protector, Aluminium

Accessory for following products:

SKL IR - Screw coupling (loose)

SKL HL / SKL HS - Screw coupling (loose)

SKLS HL / SKLS HS - Screw coupling (loose)

SKL IM - Screw coupling (loose)

SKL HJ - Screw coupling (loose)

SKL ZUBS 09 RO

Dust protection for SKL...RO



suitable for:
Material:

Screw coupling (loose) SKL...RO
Plastic

Identification	DN*	for coupling thread
SKL ZUBS 09 RO 03	10	Rd. 36 x 3
SKL ZUBS 09 RO 04	12	Rd. 40 x 3
SKL ZUBS 09 RO 05	19	Rd. 45 x 3
SKL ZUBS 09 RO 06	25	Rd. 58 x 4
SKL ZUBS 09 RO 07	31	Rd. 65 x 5
SKL ZUBS 09 RO 08	38	Rd. 75 x 5
SKL ZUBS 09 RO 09	51	Rd. 108 x 5
DN = Nominal diameter, nominal width		

Accessory for following products:
SKL IR RO - Screw coupling (loose)

SKL ZUBS AE**Dust protection for SKL...AE**

suitable for: Screw coupling (loose) SKL...AE
Material: Aluminium



Identification	DN*	for coupling thread
SKL ZUBS 13 AE	12	Rd. 35 x 2
SKL ZUBS 16 AE	16	Rd. 42 x 2
SKL ZUBS 20 AE	19	Rd. 54 x 3
SKL ZUBS 25 AE	25	Rd. 64 x 3

DN = Nominal diameter, nominal width

Accessory for following products:

SKL IM AE - Screw coupling (loose)

3

SKL ZUBS E

Dust protection for SKL...E



suitable for: Screw coupling (loose) SKL...E
Material: Steel

Identification	DN*	for coupling thread
SKL ZUBS 20 E	19	Rd. 44 x 2.5
SKL ZUBS 25 E	25	Rd. 54 x 2.5
DN = Nominal diameter, nominal width		

Accessory for following products:
SKL IR E - Screw coupling (loose)

SKL ZUBS FS ALU**Dust protector for SKL FS**

suitable for: Screw coupling loose half SKL...FS
Material: Aluminium



Identification	Size
SKL ZUBS 1 FS ALU	1
SKL ZUBS 2 FS ALU	2
SKL ZUBS 3 FS ALU	3
SKL ZUBS 4 FS ALU	4
SKL ZUBS 5 FS ALU	5

Accessory for following products:

SKL IR FS - Screwed coupling, loose half, flat sealing

3

SKL ZUBS SK

Dust protector for SKL..SK



suitable for: Screw coupling loose half SKL...SK
Material: Plastic

Identification	DN*	for coupling thread
SKL ZUBS 06 SK	6	1/4" NPT
SKL ZUBS 10 SK	10	3/8" NPT
DN = Nominal diameter, nominal width		

Accessory for following products:
SKL ZUBS SK - Dust protector for SKL..SK

SKL ZUBS SN75**Dust protection for SKF...SN 75**

suitable for: Screw coupling (loose), Snap-tite series 75
Material: Steel



Identification	DN*	for coupling thread
SKL ZUBS 20 SN75	19	1.3/4" -8
SKL ZUBS 25 SN75	25	2.1/4" -6
SKL ZUBS 32 SN75	31	2.5/8" -6
SKL ZUBS 40 SN75	38	3.1/4" -4
SKL ZUBS 50 SN75	51	4" -4
DN = Nominal diameter, nominal width		

3

SKL ZUBS SN78

Dust protection for SKF...SN 78



suitable for: Screw coupling (loose), Snap-tite series 78
Material: Steel

Identification	DN*
SKL ZUBS 20 F SN78	19
SKL ZUBS 25 F SN78	25
SKL ZUBS 32 F SN78	31
DN = Nominal diameter, nominal width	

3

SKL ZUBS SP**Dust protection for SKL...SP**

suitable for: Screw coupling (loose) SKL...SP
Material: Aluminium



Identification	DN*	Size
SKL ZUBS SP 04	6	4
SKL ZUBS SP 06	10	6
DN = Nominal diameter, nominal width		

Accessory for following products:

SKL HN SP - Screw coupling (loose)

3

SK ZUB 04 RO

Tool kit (3 piece), for RO coupling



suitable for: Screw coupling loose half SKL...RO and fixed half SKF...RO.
Included in scope of supply: 1 toggle, 1 chisel, 1 washer
Material: Steel

Identification	DN*	for thread	Toggle	Chisel
SK ZUB 04 RO 04	12	G 1/2"	Foot, square 10.5	18 x 4
SK ZUB 04 RO 05	19	G 3/4"	Foot, square 13.5	24 x 5
SK ZUB 04 RO 06	25	G 1"	Foot, square 19.5	29 x 6
SK ZUB 04 RO 07	31	G 1.1/4"	Foot, square 26.0	38 x 6
SK ZUB 04 RO 08	38	G 1.1/2"	Foot, square 32.0	44 x 6
SK ZUB 04 RO 09	51	G 2"	Foot, square 38.0	56 x 6

DN = Nominal diameter, nominal width

Spare part for following products:
SKF IR RO - Screw coupling (fixed)
SKL IR RO - Screw coupling (loose)

SK ZUB 12 RO**Conical nipple for RO coupling**

suitable for: Screw coupling loose half SKL...RO and fixed half SKF...RO.
Material: Steel



Identification	DN*	for thread	External Ø mm
SK ZUB 12 RO 03	10	G 3/8"	14
SK ZUB 12 RO 04	12	G 1/2"	18
SK ZUB 12 RO 05	19	G 3/4"	22
SK ZUB 12 RO 06	25	G 1"	30
SK ZUB 12 RO 07	31	G 1.1/4"	36
SK ZUB 12 RO 08	38	G 1.1/2"	44
SK ZUB 12 RO 09	51	G 2"	55
DN = Nominal diameter, nominal width			

Spare part for following products:

SKF IR RO - Screw coupling (fixed)

SKL IR RO - Screw coupling (loose)

SK ZUB 13 RO

Sealing spring for RO coupling



suitable for: Screw coupling loose half SKL...RO and fixed half SKF...RO.
Material: Steel

3

Identification	DN*	for thread	External Ø mm
SK ZUB 13 RO 03	10	G 3/8"	12
SK ZUB 13 RO 04	12	G 1/2"	15
SK ZUB 13 RO 05	19	G 3/4"	19
SK ZUB 13 RO 06	25	G 1"	27
SK ZUB 13 RO 07	31	G 1.1/4"	33
SK ZUB 13 RO 08	38	G 1.1/2"	40
SK ZUB 13 RO 09	51	G 2"	47

DN = Nominal diameter, nominal width

Spare part for following products:
SKL IR RO - Screw coupling (loose)
SKF IR RO - Screw coupling (fixed)

SK ZUB 14 RO**Circlip for RO coupling**

suitable for: Screw coupling loose half SKL...RO and fixed half SKF...RO.
Material: Steel



Identification	DN*	for thread
SK ZUB 14 RO 03	10	G 3/8"
DN = Nominal diameter, nominal width		

Spare part for following products:

SKF IR RO - Screw coupling (fixed)

SKL IR RO - Screw coupling (loose)

3

SK ZUB 15 RO

Threaded ring for RO coupling



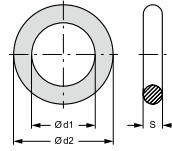
suitable for: Screw coupling loose half SKL...RO and fixed half SKF...RO.
Material: Steel

Identification	DN*	for thread
SK ZUB 15 RO 04	12	G 1/2"
SK ZUB 15 RO 05	19	G 3/4"
SK ZUB 15 RO 06	25	G 1"
SK ZUB 15 RO 07	31	G 1.1/4"
SK ZUB 15 RO 08	38	G 1.1/2"
SK ZUB 15 RO 09	51	G 2"
DN = Nominal diameter, nominal width		

Spare part for following products:
SKL IR RO - Screw coupling (loose)
SKF IR RO - Screw coupling (fixed)

SKF BREMSRING**Brake ring for screw coupling**

suitable for: Screw coupling (fixed)
Material: NBR



Identification	Size	$\varnothing d1$ mm	$\varnothing d2$ mm	S mm
SKF BREMSRING 1	1	19	25	3,0
SKF BREMSRING 2	2	23	29	3,0
SKF BREMSRING 3	3	31	37	3,0
SKF BREMSRING 4	4	36	42	3,0
SKF BREMSRING 5	5	43	50	3,5
SKF BREMSRING 6	6	64	72	4,0

Spare part for following products:

SKFS HL / SKFS HS - Screw coupling (fixed)

SKF HL / SKF HS - Screw coupling (fixed)

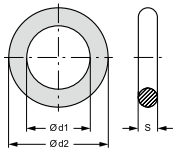
SKF IM - Screw coupling (fixed)

SKF IR - Screw coupling (fixed)

SKF SF6 - Screw coupling (fixed)

SKF ORING

O-ring for SKF



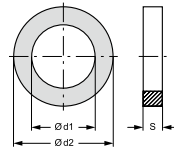
suitable for: Screw coupling (fixed)
Material: NBR

Identification	Size	Ø d1 mm	Ø d2 mm	S mm
SKF ORING 1	1	12,5	16,5	2,0
SKF ORING 2	2	17,0	21,0	2,0
SKF ORING 3	3	22,0	28,0	3,0
SKF ORING 4	4	28,0	34,0	3,0
SKF ORING 5	5	35,0	40,0	2,5
SKF ORING 6	6	54,0	60,0	3,0

- Spare part for following products:
- SKF HL / SKF HS - Screw coupling (fixed)
 - SKFS HL / SKFS HS - Screw coupling (fixed)
 - SKF IR - Screw coupling (fixed)
 - SKF IM - Screw coupling (fixed)
 - SKF HJ - Screw coupling (fixed)
 - SKF SF6 - Screw coupling (fixed)

SKF STUETZRING**Support ring for SKF**

suitable for: Screw coupling (fixed)
Material: PVC



Identification	Size	Ø d1 mm	Ø d2 mm	S mm
SKF STUETZRING 1	1	13,0	16,1	1,0
SKF STUETZRING 2	2	17,5	20,7	1,0
SKF STUETZRING 3	3	22,0	27,4	1,0
SKF STUETZRING 4	4	28,0	33,2	1,0
SKF STUETZRING 5	5	35,0	39,0	1,0
SKF STUETZRING 6	6	54,0	58,6	1,0

Spare part for following products:

SKFS HL / SKFS HS - Screw coupling (fixed)

SKF HL / SKF HS - Screw coupling (fixed)

SKF IM - Screw coupling (fixed)

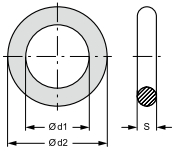
SKF IR - Screw coupling (fixed)

SKF HJ - Screw coupling (fixed)

SKF SF6 - Screw coupling (fixed)

SKF ZUB 10 RO

O-ring for SKF...RO



suitable for: Screw coupling (fixed) SKF...RO
Material: NBR

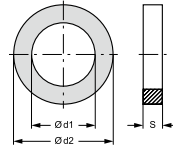
Identification	DN*	Ø d1 mm	Ø d2 mm	S mm
SKF ZUB 10 RO 03	10	22,00	29,00	3,50
SKF ZUB 10 RO 04	12	26,00	33,00	3,50
SKF ZUB 10 RO 05	19	28,00	35,00	3,50
SKF ZUB 10 RO 06	25	37,00	44,00	3,50
SKF ZUB 10 RO 07	31	46,50	57,10	5,30
SKF ZUB 10 RO 08	38	57,15	64,21	3,53
SKF ZUB 10 RO 09	51	85,00	95,60	5,30

DN = Nominal diameter, nominal width

Spare part for following products:
SKF IR RO - Screw coupling (fixed)

SKF ZUB 11 RO**Support ring for SKF...RO**

suitable for: Screw coupling (fixed) SKF...RO
Material: PVC



Identification	DN*	Ø d1 mm	Ø d2 mm	S mm
SKF ZUB 11 RO 04	12	26,0	32,0	1,5
SKF ZUB 11 RO 05	19	28,0	34,0	1,5
SKF ZUB 11 RO 06	25	38,0	44,0	1,5
SKF ZUB 11 RO 07	31	46,5	56,0	2,0
SKF ZUB 11 RO 08	38	57,5	63,7	1,5
SKF ZUB 11 RO 09	51	74,5	83,5	2,0
DN = Nominal diameter, nominal width				

Spare part for following products:

SKF IR RO - Screw coupling (fixed)

SK ZUB 04 RO

Tool kit (3 piece), for RO coupling



suitable for: Screw coupling loose half SKL...RO and fixed half SKF...RO.
Included in scope of supply: 1 toggle, 1 chisel, 1 washer
Material: Steel

Identification	DN*	for thread	Toggle	Chisel
SK ZUB 04 RO 04	12	G 1/2"	Foot, square 10.5	18 x 4
SK ZUB 04 RO 05	19	G 3/4"	Foot, square 13.5	24 x 5
SK ZUB 04 RO 06	25	G 1"	Foot, square 19.5	29 x 6
SK ZUB 04 RO 07	31	G 1.1/4"	Foot, square 26.0	38 x 6
SK ZUB 04 RO 08	38	G 1.1/2"	Foot, square 32.0	44 x 6
SK ZUB 04 RO 09	51	G 2"	Foot, square 38.0	56 x 6

DN = Nominal diameter, nominal width

Spare part for following products:
SKF IR RO - Screw coupling (fixed)
SKL IR RO - Screw coupling (loose)

SK ZUB 12 RO**Conical nipple for RO coupling**

suitable for: Screw coupling loose half SKL...RO and fixed half SKF...RO.
Material: Steel



Identification	DN*	for thread	External Ø mm
SK ZUB 12 RO 03	10	G 3/8"	14
SK ZUB 12 RO 04	12	G 1/2"	18
SK ZUB 12 RO 05	19	G 3/4"	22
SK ZUB 12 RO 06	25	G 1"	30
SK ZUB 12 RO 07	31	G 1.1/4"	36
SK ZUB 12 RO 08	38	G 1.1/2"	44
SK ZUB 12 RO 09	51	G 2"	55

DN = Nominal diameter, nominal width

Spare part for following products:

SKF IR RO - Screw coupling (fixed)

SKL IR RO - Screw coupling (loose)

SK ZUB 13 RO

Sealing spring for RO coupling



suitable for: Screw coupling loose half SKL...RO and fixed half SKF...RO.
Material: Steel

Identification	DN*	for thread	External Ø mm
SK ZUB 13 RO 03	10	G 3/8"	12
SK ZUB 13 RO 04	12	G 1/2"	15
SK ZUB 13 RO 05	19	G 3/4"	19
SK ZUB 13 RO 06	25	G 1"	27
SK ZUB 13 RO 07	31	G 1.1/4"	33
SK ZUB 13 RO 08	38	G 1.1/2"	40
SK ZUB 13 RO 09	51	G 2"	47

DN = Nominal diameter, nominal width

Spare part for following products:

SKL IR RO - Screw coupling (loose)

SKF IR RO - Screw coupling (fixed)

SK ZUB 14 RO**Circlip for RO coupling**

suitable for: Screw coupling loose half SKL...RO and fixed half SKF...RO.
Material: Steel



Identification	DN*	for thread
SK ZUB 14 RO 03	10	G 3/8"
DN = Nominal diameter, nominal width		

Spare part for following products:

SKF IR RO - Screw coupling (fixed)

SKL IR RO - Screw coupling (loose)

3

SK ZUB 15 RO

Threaded ring for RO coupling



suitable for: Screw coupling loose half SKL...RO and fixed half SKF...RO.
Material: Steel

Identification	DN*	for thread
SK ZUB 15 RO 04	12	G 1/2"
SK ZUB 15 RO 05	19	G 3/4"
SK ZUB 15 RO 06	25	G 1"
SK ZUB 15 RO 07	31	G 1.1/4"
SK ZUB 15 RO 08	38	G 1.1/2"
SK ZUB 15 RO 09	51	G 2"
DN = Nominal diameter, nominal width		

Spare part for following products:
SKL IR RO - Screw coupling (loose)
SKF IR RO - Screw coupling (fixed)

SKM HL / SKM HS**Plug-in coupling sleeve**

- Application:** General application, e.g. in industry, construction machinery, agricultural technology etc.
- Connection 1:** metric cylindrical outer thread
- Sealing form 1:** 24° inner cone
- Standard:** complies with ISO 7241-1 Series A
- Material:** Steel
- Surface:** electro galvanised
- Description:** The sliding sleeve can be fitted in a bulkhead wall with snap rings and then acts as a quick release coupling. The double acting sliding sleeve provides a push/pull function when coupling. Plug-in couplings allow quick coupling.



Identification	DN*	Series	for external pipe Ø	Connecting thread	Size	Working pressure	SF coup.*	Mineral oil temp. min.	Mineral oil temp. max.
			mm			bar		°C	°C
SKM 04 HL 2	4	L	6	M 12 x 1.5	2	250	4	-30	100
SKM 06 HL 2	6	L	8	M 14 x 1.5	2	250	4	-30	100
SKM 06 HL 3	6	L	8	M 14 x 1.5	3	225	4	-30	100
SKM 08 HL 2	8	L	10	M 16 x 1.5	2	250	4	-30	100
SKM 08 HL 3	8	L	10	M 16 x 1.5	3	225	4	-30	100
SKM 10 HL 3	10	L	12	M 18 x 1.5	3	225	4	-30	100
SKM 10 HL 4	10	L	12	M 18 x 1.5	4	225	4	-30	100
SKM 13 HL 3	12	L	15	M 22 x 1.5	3	225	4	-30	100
SKM 13 HL 4	12	L	15	M 22 x 1.5	4	225	4	-30	100
SKM 16 HL 3	16	L	18	M 26 x 1.5	3	225	4	-30	100
SKM 16 HL 4	16	L	18	M 26 x 1.5	4	225	4	-30	100
SKM 16 HL 5	16	L	18	M 26 x 1.5	5	225	4	-30	100
SKM 20 HL 4	19	L	22	M 30 x 2	4	225	4	-30	100
SKM 20 HL 5	19	L	22	M 30 x 2	5	225	4	-30	100
SKM 25 HL 5	25	L	28	M 36 x 2	5	225	4	-30	100
SKM 04 HS 2	4	S	8	M 16 x 1.5	2	250	4	-30	100
SKM 06 HS 1	6	S	10	M 18 x 1.5	1	300	4	-25	100
SKM 06 HS 2	6	S	10	M 18 x 1.5	2	250	4	-30	100
SKM 06 HS 3	6	S	10	M 18 x 1.5	3	225	4	-30	100
SKM 08 HS 2	8	S	12	M 20 x 1.5	2	250	4	-30	100
SKM 08 HS 3	8	S	12	M 20 x 1.5	3	225	4	-30	100
SKM 10 HS 3	10	S	14	M 22 x 1.5	3	225	4	-30	100
SKM 10 HS 4	10	S	14	M 22 x 1.5	4	225	4	-25	125
SKM 13 HS 3	12	S	16	M 24 x 1.5	3	225	4	-30	100
SKM 13 HS 4	12	S	16	M 24 x 1.5	4	225	4	-30	100
SKM 16 HS 3	16	S	20	M 30 x 2	3	225	4	-25	100
SKM 16 HS 4	16	S	20	M 30 x 2	4	225	4	-30	100
SKM 16 HS 5	16	S	20	M 30 x 2	5	225	4	-30	100
SKM 20 HS 5	19	S	25	M 36 x 2	5	225	4	-30	100

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

SKM HL / SKM HS**Plug-in coupling sleeve****(Continued)**

Identification	DN*	Series	for external pipe Ø mm	Connecting thread	Size	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKM 25 HS 5	25	S	30	M 42 x 2	5	225	4	-30	100

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Spare parts:**SKM STUETZRING** - Support ring for SKM**SKM ORING** - O-ring for SKM**Accessories:****SKM ZUBS 3 C** - Dust protection coupling sleeve, SKM..**SKM ZUB 3 12** - Quick release clip with spring**SKM ZUBS** - Dust protection coupling sleeve, SKM..**SKM ZUB BLINDSTECKER** - Dummy connector for plug-in coupling sleeve**SKM ZUB 3 11** - Quick release clip with dust protection**SKM ZUBS 3 CB** - Dust protection coupling sleeve, SKM..

SKMS HL / SKMS HS**Plug-in coupling sleeve (bulkhead connection)**

- Application:** General application, e.g. in industry, construction machinery, agricultural technology etc.
- Design:** Coupling with bulkhead connection
- Connection 1:** metric cylindrical outer thread
- Sealing form 1:** 24° inner cone
- Standard:** complies with ISO 7241-1 Series A
- Material:** Steel
- Surface:** electro galvanised
- Description:** The sliding sleeve can be fitted in a bulkhead wall with snap rings and then acts as a quick release coupling. The double acting sliding sleeve provides a push/pull function when coupling. Plug-in couplings allow quick coupling.



Identification	DN*	Series	for external pipe	Connecting thread	Size	Working pressure SF coup.*	Mineral oil temp. min.	Mineral oil temp. max.	
			Ø mm			bar	°C	°C	
SKMS 04 HL 2	4	L	6	M 12 x 1.5	2	300	4	-25	125
SKMS 06 HL 2	6	L	8	M 14 x 1.5	2	250	4	-30	100
SKMS 06 HL 3	6	L	8	M 14 x 1.5	3	225	4	-30	100
SKMS 08 HL 2	8	L	10	M 16 x 1.5	2	250	4	-30	100
SKMS 08 HL 3	8	L	10	M 16 x 1.5	3	225	4	-30	100
SKMS 10 HL 3	10	L	12	M 18 x 1.5	3	225	4	-30	100
SKMS 10 HL 4	10	L	12	M 18 x 1.5	4	225	4	-30	100
SKMS 13 HL 3	12	L	15	M 22 x 1.5	3	225	4	-30	100
SKMS 13 HL 4	12	L	15	M 22 x 1.5	4	225	4	-30	100
SKMS 16 HL 3	16	L	18	M 26 x 1.5	3	225	4	-30	100
SKMS 16 HL 4	16	L	18	M 26 x 1.5	4	225	4	-30	100
SKMS 16 HL 5	16	L	18	M 26 x 1.5	5	225	4	-30	100
SKMS 20 HL 4	19	L	22	M 30 x 2	4	225	4	-30	100
SKMS 20 HL 5	19	L	22	M 30 x 2	5	225	4	-30	100
SKMS 25 HL 5	25	L	28	M 36 x 2	5	225	4	-30	100
SKMS 04 HS 2	4	S	8	M 16 x 1.5	2	250	4	-30	100
SKMS 06 HS 1	6	S	10	M 18 x 1.5	1	300	4	-25	100
SKMS 06 HS 2	6	S	10	M 18 x 1.5	2	250	4	-30	100
SKMS 06 HS 3	6	S	10	M 18 x 1.5	3	225	4	-30	100
SKMS 08 HS 2	8	S	12	M 20 x 1.5	2	250	4	-30	100
SKMS 08 HS 3	8	S	12	M 20 x 1.5	3	225	4	-30	100
SKMS 10 HS 3	10	S	14	M 22 x 1.5	3	225	4	-30	100
SKMS 10 HS 4	10	S	14	M 22 x 1.5	4	225	4	-25	125
SKMS 13 HS 3	12	S	16	M 24 x 1.5	3	225	4	-30	100
SKMS 13 HS 4	12	S	16	M 24 x 1.5	4	225	4	-30	100
SKMS 16 HS 3	16	S	20	M 30 x 2	3	225	4	-25	100
SKMS 16 HS 4	16	S	20	M 30 x 2	4	225	4	-30	100
SKMS 16 HS 5	16	S	20	M 30 x 2	5	225	4	-30	100
SKMS 20 HS 5	19	S	25	M 36 x 2	5	225	4	-30	100
SKMS 25 HS 5	25	S	30	M 42 x 2	5	225	4	-30	100

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Spare parts:

SKM ORING - O-ring for SKM

SKM STUETZRING - Support ring for SKM

Accessories:

SKM ZUBS - Dust protection coupling sleeve, SKM..

SKM ZUBS 3 CB - Dust protection coupling sleeve, SKM..

SKM ZUBS 3 C - Dust protection coupling sleeve, SKM..

SKM HL 3 UDK

Push-in coupling female



Connection 1: metric cylindrical outer thread
Sealing form 1: 24° inner cone
Additional feature: for coupling under residual pressure
Material: Steel
Surface: electro galvanised

Identification	DN*	Series	for external pipe Ø mm	Connecting thread	SW mm	Size	Working pressure bar	D1 mm	D2 mm	L mm	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKM 10 HL 3 UDK	10	L	12	M 18 x 1.5	30	3	225	38	23,8	70	4	25	125
SKM 13 HL 3 UDK	12	L	15	M 22 x 1.5	30	3	225	38	23,8	71	4	25	125

BD = Working pressure SF gek. = Safety factor coupled SW = Width across flats

Plug-in coupling sleeve

- Application:** General application, e.g. in industry, construction machinery, agricultural technology etc.
- Connection 1:** metric cylindrical inner thread
- Sealing form 1:** for screw-in pins with shapes A, B and if necessary E
- Standard:** complies with ISO 7241-1 Series A
- Material:** Steel
- Surface:** electro galvanised
- Description:** The sliding sleeve can be fitted in a bulkhead wall with snap rings and then acts as a quick release coupling. The double acting sliding sleeve provides a push/pull function when coupling. Plug-in couplings allow quick coupling.



Identification	DN*	Connecting thread	Size	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKM 04 IM 1	4	M 12 x 1.5	1	300	4	-25	100
SKM 06 IM 1	6	M 14 x 1.5	1	300	4	-25	100
SKM 08 IM 2	8	M 16 x 1.5	2	250	4	-30	100
SKM 08 IM 3	8	M 16 x 1.5	3	225	4	-25	125
SKM 10 IM 2	10	M 18 x 1.5	2	250	4	-30	100
SKM 10 IM 3	10	M 18 x 1.5	3	225	4	-30	100
SKM 10 IM 4	10	M 18 x 1.5	4	225	4	-25	125
SKM 13 IM 3	12	M 22 x 1.5	3	225	4	-30	100
SKM 13 IM 4	12	M 22 x 1.5	4	225	4	-30	100
SKM 20 IM 5	19	M 30 x 1.5	5	225	4	-25	125

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Spare parts:

SKM ORING - O-ring for SKM

SKM STUETZRING - Support ring for SKM

Accessories:

SKM ZUBS - Dust protection coupling sleeve, SKM..

SKM ZUB BLINDSTECKER - Dummy connector for plug-in coupling sleeve

SKM ZUB 3 12 - Quick release clip with spring

SKM ZUBS 3 C - Dust protection coupling sleeve, SKM..

SKM ZUBS 3 CB - Dust protection coupling sleeve, SKM..

SKM ZUB 3 11 - Quick release clip with dust protection

SKM IR

Plug-in coupling sleeve



- Application:** General application, e.g. in industry, construction machinery, agricultural technology etc.
- Connection 1:** BSP cylindrical internal threads
- Sealing form 1:** for screw-in pins with shapes A, B and if necessary E
- Standard:** complies with ISO 7241-1 Series A
- Material:** Steel
- Surface:** electro galvanised
- Description:** The sliding sleeve can be fitted in a bulkhead wall with snap rings and then acts as a quick release coupling. The double acting sliding sleeve provides a push/pull function when coupling. Plug-in couplings allow quick coupling.

Identification	DN*	Connecting thread	Size	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKM 04 IR 1	4	G 1/8" -28	1	300	4	-25	100
SKM 06 IR 1	6	G 1/4" -19	1	250	4	-30	100
SKM 10 IR 2	10	G 3/8" -19	2	250	4	-30	100
SKM 10 IR 3	10	G 3/8" -19	3	225	4	-30	100
SKM 13 IR 3	12	G 1/2" -14	3	225	4	-30	100
SKM 20 IR 4	19	G 3/4" -14	4	225	4	-30	100
SKM 20 IR 5	19	G 3/4" -14	5	225	4	-30	100
SKM 25 IR 5	25	G 1" -11	5	225	4	-30	100

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Spare parts:

SKM ORING - O-ring for SKM

SKM STUETZRING - Support ring for SKM

Accessories:

SKM ZUBS 3 CB - Dust protection coupling sleeve, SKM..

SKM ZUB 3 12 - Quick release clip with spring

SKM ZUBS - Dust protection coupling sleeve, SKM..

SKM ZUBS 3 C - Dust protection coupling sleeve, SKM..

SKM ZUB 3 11 - Quick release clip with dust protection

SKM ZUB BLINDSTECKER - Dummy connector for plug-in coupling sleeve

SKM IJ JD**Plug-in coupling sleeve**

Application: Agricultural technology
Connection 1: UN/UNF inner thread
Sealing form 1: for screw-in pins with shape F
compatible with: John Deere
Material: Steel
Surface: electro galvanised
Description: Plug-in couplings allow quick coupling.



Note: Interchangeable with couplings to ISO 7241-1, Series A.

Identification	DN*	Connecting thread	Size	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKM 13 IJ 3 JD	12	UNF 3/4" -16	3	250	4	-25	125

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Spare parts:

SKM STUETZRING - Support ring for SKM

SKM ORING - O-ring for SKM

Accessories:

SKM ZUBS 3 CB - Dust protection coupling sleeve, SKM..

SKM ZUB 3 12 - Quick release clip with spring

SKM ZUB 3 11 - Quick release clip with dust protection

SKM ZUBS - Dust protection coupling sleeve, SKM..

SKM ZUBS 3 C - Dust protection coupling sleeve, SKM..

SKM ZUB BLINDSTECKER - Dummy connector for plug-in coupling sleeve

SKM IR T

Plug-in coupling sleeve



- Application:** General application, e.g. in industry, construction machinery, agricultural technology etc.
- Connection 1:** BSP cylindrical internal threads
- Sealing form 1:** for screw-in pins with shapes A, B and if necessary E
- compatible with:** Tema
- Description:** Plug-in couplings allow quick coupling. For a high flow with minimal pressure loss. Increased security due to double O-ring seal. The safety retaining ring prevents unwanted uncoupling.

Identification	DN*	Connecting thread	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKM 06 IR T	6	G 1/4" -19	450	2,5	-30	100
SKM 10 IR T	10	G 3/8" -19	350	3,0	-30	100
SKM 13 IR T	12	G 1/2" -14	300	3,0	-30	100
SKM 20 IR T	19	G 3/4" -14	280	2,5	-30	100
SKM 25 IR T	25	G 1" -11	250	3,5	-30	100

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Accessories:

SKM ZUBS T - Dust protection coupling sleeve, SKM..T

SKM IM AE**Plug-in coupling sleeve**

Application: General application, e.g. in industry, construction machinery, agricultural technology etc.

Connection 1: metric cylindrical inner thread

Sealing form 1: for screw-in pins with shapes A, B and if necessary E

compatible with: Aeroquip

Material: Steel

Surface: electro galvanised

Description: Plug-in couplings allow quick coupling.



Identification	DN*	Connecting thread	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKM 10 IM AE	10	M 18 x 1.5	210	4	-25	100
SKM 13 IM AE	12	M 22 x 1.5	210	4	-25	100

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Spare parts:

SKM ORING AE - O-ring for SKM...AE

SKM STUETZRING AE - Support ring for SKM...AE

Accessories:

SKM ZUBS AE - Dust protection coupling sleeve, SKM...AE

SKM IN AE

Plug-in coupling sleeve



Application:	General application, e.g. in industry, construction machinery, agricultural technology etc.
Connection 1:	NPT internal thread
Sealing form 1:	thread seal
compatible with:	Aeroquip
Material:	Steel
Surface:	electro galvanised
Description:	Plug-in couplings allow quick coupling.

Note: Interchangeable with couplings to ISO 7241-1, Series A.

Identification	DN*	Connecting thread	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKM 06 IN AE	6	NPT 1/4" -18	210	4	-25	100
SKM 10 IN AE	10	NPT 3/8" -18	210	4	-25	100
SKM 13 IN AE	12	NPT 1/2" -14	210	4	-25	100
SKM 20 IN AE	19	NPT 3/4" -14	210	4	-25	100
SKM 25 IN AE	25	NPT 1" -11.5	200	4	-25	100

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Spare parts:

SKM STUETZRING AE - Support ring for SKM...AE

SKM ORING AE - O-ring for SKM...AE

Accessories:

SKM ZUBS AE - Dust protection coupling sleeve, SKM..AE

SKM IR AE**Plug-in coupling sleeve**

- Application:** General application, e.g. in industry, construction machinery, agricultural technology etc.
- Connection 1:** BSP cylindrical internal threads
- Sealing form 1:** for screw-in pins with shapes A, B and if necessary E
- Standard:** complies with ISO 7241-1 Series A
- compatible with:** Aeroquip
- Material:** Steel
- Surface:** electro galvanised
- Description:** Plug-in couplings allow quick coupling.



Identification	DN*	Connecting thread	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKM 10 IR AE	10	G 3/8" -19	210	4	-25	100
SKM 13 IR AE	12	G 1/2" -14	210	4	-25	100
SKM 20 IR AE	19	G 3/4" -14	250	4	-25	100
SKM 25 IR AE	25	G 1" -11	200	4	-25	100
DN = Nominal diameter, nominal width SF gek. = Safety factor coupled						

Spare parts:

SKM STUETZRING AE - Support ring for SKM...AE

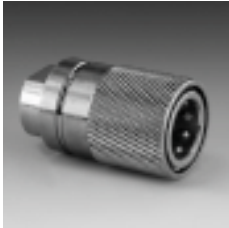
SKM ORING AE - O-ring for SKM...AE

Accessories:

SKM ZUBS AE - Dust protection coupling sleeve, SKM...AE

SKM IM ARG

Plug-in coupling sleeve



- Application:** General application, e.g. in industry, construction machinery, agricultural technology etc.
- Connection 1:** metric cylindrical inner thread
- Sealing form 1:** for screw-in pins with shapes A, B and if necessary E
- Material:** Steel
- Surface:** electro galvanised
- Description:** Plug-in couplings allow quick coupling. Complies with the standards ISO 5675 and SAE J1036. The double acting sliding sleeve provides a push/pull function when coupling.

Identification	DN*	Connecting thread	Size	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKM 08 IM 2 ARG	8	M 16 x 1.5	2	400	4	-40	100
DN = Nominal diameter, nominal width SF gek. = Safety factor coupled							

SKM IR ARG**Plug-in coupling sleeve**

Connection 1: BSP cylindrical internal threads
Sealing form 1: for screw-in pins with shapes A, B and if necessary E
Material: Steel
Surface: electro galvanised
Description: Complies with the standards ISO 5675 and SAE J1036. Plug-in couplings allow quick coupling. The double acting sliding sleeve provides a push/pull function when coupling.



Identification	DN*	Connecting thread	Size	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKM 10 IR 2 ARG	10	G 3/8" -19	2	250	4	-30	100

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

SKM IN HC

Plug-in coupling sleeve



- Application:** Emergency tools, clamping tools, presses etc.
- Connection 1:** NPT internal thread
- Sealing form 1:** thread seal
- Included in scope of supply:** with dust protection
- Material:** Steel
- Surface:** electro galvanised
- Description:** Plug-in coupling for quick coupling in the extreme pressure range. Coupling and uncoupling with minimal drips.

Identification	DN*	Connecting thread	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKM 06 IN HC	6	NPT 1/4" -18	1000	2,5	-30	100
SKM 10 IN HC	10	NPT 3/8" -18	1000	2,5	-30	100

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

SKM IR HC**Plug-in coupling sleeve**

Application:	Emergency tools, clamping tools, presses etc.
Connection 1:	BSP cylindrical internal threads
Sealing form 1:	for screw-in pins with shapes A, B and if necessary E
Included in scope of supply:	with dust protection
Material:	Steel
Surface:	electro galvanised
Description:	Plug-in coupling for quick coupling in the extreme pressure range. Coupling and uncoupling with minimal drips.



Identification	DN*	Connecting thread	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKM 04 IR HC	4	G 1/8" -28	1000	2,5	-30	100
SKM 06 IR HC	6	G 1/4" -19	1000	2,5	-30	100
SKM 10 IR HC	10	G 3/8" -19	1000	2,5	-30	100

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

3

SKM IR MC

Plug-in coupling sleeve for medium pressure



- Application:** General application, e.g. in industry, construction machinery, agricultural technology etc.
- Connection 1:** BSP cylindrical internal threads
- Sealing form 1:** for screw-in pins with shapes A, B and if necessary E
- Included in scope of supply:** with dust protection
- Material:** Steel
- Surface:** electro galvanised
- Description:** The small size saves space in use. For a high flow with minimal pressure loss. Plug-in couplings allow quick coupling.

Identification	DN*	Connecting thread	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKM 06 IR MC	6	G 1/4" -19	250	4	-30	100
SKM 10 IR MC	10	G 3/8" -19	250	4	-30	100
SKM 13 IR MC	12	G 1/2" -14	250	4	-30	100
SKM 20 IR MC	19	G 3/4" -14	320	3	-30	100
SKM 25 IR MC	25	G 1" -11	320	3	-30	100

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

SKM IN SP**Plug-in coupling sleeve**

Application:	General application, e.g. in industry, construction machinery, agricultural technology etc.
Connection 1:	NPT internal thread
Sealing form 1:	thread seal
compatible with:	Pioneer
Additional feature:	with ball valve
Material:	Steel
Surface:	electro galvanised
Description:	Plug-in couplings allow quick coupling.



Identification	DN*	Connecting thread	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKM 06 IN SP	6	NPT 1/4" -18	200	4	-25	110
SKM 10 IN SP	10	NPT 3/8" -18	200	4	-25	110
SKM 13 IN SP	12	NPT 1/2" -14	200	4	-25	125
SKM 13 IN 20 SP	12	NPT 3/4" -14	200		-40	110
SKM 20 IN SP	19	NPT 3/4" -14	200	4	-25	110
SKM 25 IN SP	25	NPT 1" -11.5	200	4	-25	110

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Accessories:

SKM ZUBS SP - Dust protection coupling sleeve, SKM..SP

SKM IN SP KE

Plug-in coupling sleeve



Application:	General application, e.g. in industry, construction machinery, agricultural technology etc.
Connection 1:	NPT internal thread
Sealing form 1:	thread seal
compatible with:	Pioneer
Additional feature:	with plug valve
Material:	Steel
Surface:	electro galvanised
Description:	Plug-in couplings allow quick coupling.

Identification	DN*	Connecting thread	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKM 06 IN SP KE	6	NPT 1/4" -18	350	4	-25	125
SKM 10 IN SP KE	10	NPT 3/8" -18	300	4	-25	125
SKM 13 IN SP KE	12	NPT 1/2" -14	300	4	-25	125
SKM 25 IN SP KE	25	NPT 1" -11.5	230	4	-25	125

BD = Working pressure SF gek. = Safety factor coupled

Accessories:

SKM ZUBS SP - Dust protection coupling sleeve, SKM...SP

SKM IR SP**Plug-in coupling sleeve**

Application:	General application, e.g. in industry, construction machinery, agricultural technology etc.
Connection 1:	BSP cylindrical internal threads
Sealing form 1:	for screw-in pins with shapes A, B and if necessary E
compatible with:	Pioneer
Additional feature:	with ball valve
Material:	Steel
Surface:	electro galvanised
Description:	Plug-in couplings allow quick coupling.



Identification	DN*	Connecting thread	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKM 06 IR SP	6	G 1/4" -19	200	4	-25	110
SKM 10 IR SP	10	G 3/8" -19	200	4	-25	110
SKM 13 IR SP	12	G 1/2" -14	200	4	-25	125
SKM 20 IR SP	19	G 3/4" -14	200	4	-25	125

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Accessories:

SKM ZUBS SP - Dust protection coupling sleeve, SKM..SP

SKM IR SP KE

Plug-in coupling sleeve



Application:	General application, e.g. in industry, construction machinery, agricultural technology etc.
Connection 1:	BSP cylindrical internal threads
Sealing form 1:	for screw-in pins with shapes A, B and if necessary E
compatible with:	Pioneer
Additional feature:	with plug valve
Material:	Steel
Surface:	electro galvanised
Description:	Plug-in couplings allow quick coupling.

Identification	DN*	Connecting thread	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKM 06 IR SP KE	6	G 1/4" -19	350	4	-25	125
SKM 10 IR SP KE	10	G 3/8" -19	300	4	-25	125
SKM 13 IR SP KE	12	G 1/2" -14	300	4	-25	125
SKM 20 IR SP KE	19	G 3/4" -14	250	4	-25	125

BD = Working pressure SF gek. = Safety factor coupled

Accessories:

SKM ZUBS SP - Dust protection coupling sleeve, SKM...SP

SKM HL 3 U**Plug-in coupling sleeve**

Application: Automotive engineering (UNIMOG)
Connection 1: metric cylindrical outer thread
Sealing form 1: 24° inner cone
Standard: complies with ISO 7241-1 Series A
Material: Steel
Surface: electro galvanised
Description: The double acting sliding sleeve provides a push/pull function when coupling. Plug-in couplings allow quick coupling.



Identification	DN*	Series	for external pipe Ø mm	Connecting thread	Size	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C	Vegetable oil temp. min. °C	Vegetable oil temp. max. °C
SKM 10 HL 3 U	10	L	12	M 18 x 1.5	3	250	4	-30	100	-15	80
SKM 13 HL 3 U	12	L	15	M 22 x 1.5	3	250	4	-30	100	-15	80

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Spare parts:

SKM ORING - O-ring for SKM

SKM STUETZRING - Support ring for SKM

Accessories:

SKM ZUB BLINDSTECKER - Dummy connector for plug-in coupling sleeve

SKM ZUBS - Dust protection coupling sleeve, SKM..

SKMS HL 3 U

Plug-in coupling sleeve (bulkhead connection)



Application: Automotive engineering (UNIMOG)
Design: Coupling with bulkhead connection
Connection 1: metric cylindrical outer thread
Sealing form 1: 24° inner cone
Standard: complies with ISO 7241-1 Series A
Material: Steel
Surface: electro galvanised
Description: The double acting sliding sleeve provides a push/pull function when coupling. Plug-in couplings allow quick coupling.

Identification	DN*	Series	for external pipe Ø	Connecting thread	Size	Working pressure	SF coup.*	Mineral oil temp. min.	Mineral oil temp. max.	Vegetable oil temp. min.	Vegetable oil temp. max.
			mm			bar		°C	°C	°C	°C
SKMS 10 HL 3 U	10	L	12	M 18 x 1.5	3	250	4	-30	100	-15	80
SKMS 13 HL 3 U	12	L	15	M 22 x 1.5	3	250	4	-30	100	-15	80

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Spare parts:

SKM ORING - O-ring for SKM

SKM STUETZRING - Support ring for SKM

Accessories:

SKM ZUBS - Dust protection coupling sleeve, SKM..

SKM IM U**Plug-in coupling sleeve**

Application: Automotive engineering (UNIMOG)
Connection 1: metric cylindrical inner thread
Sealing form 1: for screw-in pins with shapes A, B and if necessary E
Standard: complies with ISO 7241-1 Series A
Material: Steel
Surface: electro galvanised
Description: The double acting sliding sleeve provides a push/pull function when coupling. Plug-in couplings allow quick coupling.



Identification	DN*	Connecting thread	Size	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C	Vegetable oil temp. min. °C	Vegetable oil temp. max. °C
SKM 13 IM 3 U	12	M 22 x 1.5	3	250	4	-30	100	-15	80

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Spare parts:**SKM STUETZRING** - Support ring for SKM**SKM ORING** - O-ring for SKM**Accessories:****SKM ZUB BLINDSTECKER** - Dummy connector for plug-in coupling sleeve**SKM ZUBS** - Dust protection coupling sleeve, SKM..

SKM IR SN72

Plug-in coupling sleeve



Application:	General application, e.g. in industry, construction machinery, agricultural technology etc.
Design:	Snap-tite series 72
Connection 1:	BSP cylindrical internal threads
Sealing form 1:	for screw-in pins with shapes A, B and if necessary E
Standard:	ISO 7241-1 Series B
Material:	Steel
Surface:	electro galvanised
Description:	Plug-in couplings allow quick coupling.

Identification	DN*	Connecting thread	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKM 04 IR SN72	5	G 1/8" -28	500	4	-40	90
SKM 06 IR SN72	6	G 1/4" -19	250	4	-25	90
SKM 10 IR SN72	10	G 3/8" -19	250	4	-25	90
SKM 13 IR SN72	12	G 1/2" -14	250	4	-25	90
SKM 20 IR SN72	19	G 3/4" -14	250	4	-25	90
SKM 25 IR SN72	25	G 1" -11	200	4	-25	90

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Product versions:

SKM IR SN72 VA - Plug-in coupling sleeve, Stainless steel

Accessories:

SKM ZUBS SN72 - Dust protection coupling sleeve, SKM..SN 72

SKM IN SN H**Plug-in coupling sleeve**

Application:	General application, e.g. in industry, construction machinery, agricultural technology etc.
Design:	Snap-tite series H
Connection 1:	NPT internal thread
Sealing form 1:	thread seal
Material:	Steel
Surface:	electro galvanised
Description:	Plug-in couplings allow quick coupling.



Identification	DN*	Connecting thread	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKM 06 IN SN H	6	NPT 1/4" -18	450	2	-40	90
SKM 10 IN SN H	10	NPT 3/8" -18	310	2	-40	90
SKM 13 IN SN H	12	NPT 1/2" -14	280	2	-40	90
SKM 20 IN SN H	19	NPT 3/4" -14	245	2	-40	90
SKM 25 IN SN H	25	NPT 1" -11.5	140	2	-40	90
SKM 32 IN SN H	31	NPT 1.1/4" -11.5	125	2	-40	90
SKM 40 IN SN H	38	NPT 1.1/2" -11.5	105	2	-40	90
SKM 65 IN SN H	65	NPT 2.1/2" -8	70	2	-40	90
SKM 75 IN SN H	76	NPT 3" -8	55	2	-40	90
DN = Nominal diameter, nominal width SF gek. = Safety factor coupled						

Accessories:

SKM ZUBS SN H - Dust protection coupling sleeve, SKM..SN H

SKM IR SN H**Plug-in coupling sleeve**

- Application:** General application, e.g. in industry, construction machinery, agricultural technology etc.
- Design:** Snap-tite series H
- Connection 1:** BSP cylindrical internal threads
- Sealing form 1:** for screw-in pins with shapes A, B and if necessary E
- Material:** Steel
- Surface:** electro galvanised
- Description:** Plug-in couplings allow quick coupling.

Identification	DN*	Connecting thread	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKM 06 IR SN H	6	G 1/4" -19	450	2	-40	90
SKM 10 IR SN H	10	G 3/8" -19	310	2	-40	90
SKM 13 IR SN H	12	G 1/2" -14	280	2	-40	90
SKM 20 IR SN H	19	G 3/4" -14	245	2	-40	90
SKM 25 IR SN H	25	G 1" -11	140	2	-40	90
SKM 32 IR SN H	31	G 1.1/4" -11	125	2	-40	90
SKM 40 IR SN H	38	G 1.1/2" -11	105	2	-40	90
SKM 50 IR SN H	51	G 2" -11	105	2	-40	90
SKM 65 IR SN H	65	G 2.1/2" -11	70	2	-40	90
SKM 75 IR SN H	76	G 3" -11	55	2	-40	90

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Product versions:

SKM IR SN H VA - Plug-in coupling sleeve, Stainless steel

Accessories:

SKM ZUBS SN H - Dust protection coupling sleeve, SKM...SN H

SKS HL / SKS HS**Plug-in coupling connector**

Application:	General application, e.g. in industry, construction machinery, agricultural technology etc.
Connection 1:	metric cylindrical outer thread
Sealing form 1:	24° inner cone
Standard:	complies with ISO 7241-1 Series A
Material:	Steel
Surface:	electro galvanised
Description:	Plug-in couplings allow quick coupling.



Note: nominal width 10, size 3 also available in ED version

Identification	DN*	Series	for external pipe Ø mm	Connecting thread	Size	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKS 04 HL 2	4	L	6	M 12 x 1.5	2	250	4	-30	100
SKS 06 HL 2	6	L	8	M 14 x 1.5	2	250	4	-30	100
SKS 06 HL 3	6	L	8	M 14 x 1.5	3	225	4	-30	100
SKS 08 HL 2	8	L	10	M 16 x 1.5	2	250	4	-30	100
SKS 08 HL 3	8	L	10	M 16 x 1.5	3	225	4	-30	100
SKS 10 HL 3	10	L	12	M 18 x 1.5	3	225	4	-30	100
SKS 10 HL 3 ED	10	L	12	M 18 x 1.5	3	225	4	-30	100
SKS 10 HL 4	10	L	12	M 18 x 1.5	4	225	4	-30	100
SKS 13 HL 3	12	L	15	M 22 x 1.5	3	225	4	-30	100
SKS 13 HL 4	12	L	15	M 22 x 1.5	4	225	4	-30	100
SKS 16 HL 3	16	L	18	M 26 x 1.5	3	225	4	-30	100
SKS 16 HL 4	16	L	18	M 26 x 1.5	4	225	4	-30	100
SKS 16 HL 5	16	L	18	M 26 x 1.5	5	225	4	-30	100
SKS 20 HL 4	19	L	22	M 30 x 2	4	225	4	-30	100
SKS 20 HL 5	19	L	22	M 30 x 2	5	225	4	-30	100
SKS 25 HL 5	25	L	28	M 36 x 2	5	225	4	-30	100
SKS 04 HS 2	4	S	8	M 16 x 1.5	2	250	4	-30	100
SKS 06 HS 1	6	S	10	M 18 x 1.5	1	300	4	-25	100
SKS 06 HS 2	6	S	10	M 18 x 1.5	2	250	4	-30	100
SKS 06 HS 3	6	S	10	M 18 x 1.5	3	225	4	-30	100
SKS 08 HS 2	8	S	12	M 20 x 1.5	2	250	4	-30	100
SKS 08 HS 3	8	S	12	M 20 x 1.5	3	225	4	-30	100
SKS 10 HS 3	10	S	14	M 22 x 1.5	3	225	4	-30	100
SKS 10 HS 4	10	S	14	M 22 x 1.5	4	225	4	-30	100
SKS 13 HS 3	12	S	16	M 24 x 1.5	3	225	4	-30	100
SKS 13 HS 4	12	S	16	M 24 x 1.5	4	225	4	-30	100
SKS 16 HS 3	16	S	20	M 30 x 2	3	225	4	-25	100
SKS 16 HS 4	16	S	20	M 30 x 2	4	225	4	-30	100
SKS 16 HS 5	16	S	20	M 30 x 2	5	225	4	-30	100
SKS 20 HS 5	19	S	25	M 36 x 2	5	225	4	-30	100
SKS 25 HS 5	25	S	30	M 42 x 2	5	225	4	-30	100

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Accessories:

SKS ZUBS - Dust protection coupling connector, SKS..

SKS ZUB 3 - Connector clip for coupling connector SKS..3

SKS ZUB 3 S - Connector clip for coupling connector SKS..3

SKSS HL / SKSS HS**Plug-in coupling connector (bulkhead connection)**

- Application:** General application, e.g. in industry, construction machinery, agricultural technology etc.
- Connection 1:** metric cylindrical outer thread
- Sealing form 1:** 24° inner cone
- Standard:** complies with ISO 7241-1 Series A
- Material:** Steel
- Surface:** electro galvanised
- Description:** Plug-in couplings allow quick coupling.

Identification	DN*	Series	for external pipe Ø	Connecting thread	Size	Working pressure SF coup.*	Mineral oil temp. min.	Mineral oil temp. max.
			mm			bar	°C	°C
SKSS 04 HL 2	5	L	6	M 12 x 1.5	2	250	4	-30
SKSS 06 HL 2	6	L	8	M 14 x 1.5	2	250	4	-30
SKSS 06 HL 3	6	L	8	M 14 x 1.5	3	225	4	-30
SKSS 08 HL 2	8	L	10	M 16 x 1.5	2	250	4	-30
SKSS 08 HL 3	8	L	10	M 16 x 1.5	3	225	4	-30
SKSS 10 HL 3	10	L	12	M 18 x 1.5	3	225	4	-30
SKSS 10 HL 4	10	L	12	M 18 x 1.5	4	225	4	-30
SKSS 13 HL 3	12	L	15	M 22 x 1.5	3	225	4	-30
SKSS 13 HL 4	12	L	15	M 22 x 1.5	4	225	4	-30
SKSS 16 HL 3	16	L	18	M 26 x 1.5	3	225	4	-30
SKSS 16 HL 4	16	L	18	M 26 x 1.5	4	225	4	-30
SKSS 16 HL 5	16	L	18	M 26 x 1.5	5	225	4	-30
SKSS 20 HL 4	16	L	22	M 30 x 2	4	225	4	-30
SKSS 20 HL 5	19	L	22	M 30 x 2	5	225	4	-30
SKSS 25 HL 5	25	L	28	M 36 x 2	5	225	4	-30
SKSS 04 HS 2	5	S	8	M 16 x 1.5	2	250	4	-30
SKSS 06 HS 2	6	S	10	M 18 x 1.5	2	250	4	-30
SKSS 06 HS 3	6	S	10	M 18 x 1.5	3	225	4	-30
SKSS 08 HS 2	8	S	12	M 20 x 1.5	2	300	4	-25
SKSS 08 HS 3	8	S	12	M 20 x 1.5	3	225	4	-30
SKSS 10 HS 3	10	S	14	M 22 x 1.5	3	225	4	-30
SKSS 10 HS 4	10	S	14	M 22 x 1.5	4	225	4	-30
SKSS 13 HS 3	12	S	16	M 24 x 1.5	3	225	4	-30
SKSS 13 HS 4	12	S	16	M 24 x 1.5	4	225	4	-30
SKSS 16 HS 3	16	S	20	M 30 x 2	3	225	4	-25
SKSS 16 HS 4	16	S	20	M 30 x 2	4	225	4	-30
SKSS 16 HS 5	16	S	20	M 30 x 2	5	225	4	-30
SKSS 20 HS 5	19	S	25	M 36 x 2	5	225	4	-30
SKSS 25 HS 5	25	S	30	M 42 x 2	5	225	4	-30

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Accessories:

SKS ZUBS - Dust protection coupling connector, SKS..

SKS ZUB 3 - Connector clip for coupling connector SKS..3

SKS ZUB 3 S - Connector clip for coupling connector SKS..3

SKS HL UDK / SKS HS UDK**Plug-in coupling connector**

Connection 1: metric cylindrical outer thread
Sealing form 1: 24° inner cone
Residual pressure: Coupling under residual pressure is possible
Material: Steel
Surface: electro galvanised
Description: Plug-in couplings allow quick coupling.



Identification	DN*	Series	for external pipe Ø mm	Connecting thread	Size	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKS 06 HL 3 UDK	6	L	8	M 14 x 1.5	3	225	4	-25	125
SKS 08 HL 3 UDK	8	L	10	M 16 x 1.5	3	225	4	-25	125
SKS 10 HL 3 UDK	10	L	12	M 18 x 1.5	3	225	4	-25	125
SKS 13 HL 3 UDK	12	L	15	M 22 x 1.5	3	225	4	-25	125
SKS 16 HL 3 UDK	16	L	18	M 26 x 1.5	3	225	4	-25	125
SKS 06 HS 3 UDK	6	S	10	M 18 x 1.5	3	225	4	-25	125
SKS 08 HS 3 UDK	8	S	12	M 20 x 1.5	3	225	4	-25	125
SKS 10 HS 3 UDK	10	S	14	M 22 x 1.5	3	225	4	-25	125
SKS 13 HS 3 UDK	12	S	16	M 24 x 1.5	3	225	4	-25	125

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Accessories:

SKS ZUBS - Dust protection coupling connector, SKS..

SKSS HL UDK / SKSS HS UDK**Plug-in coupling connector (bulkhead connection)**

Connection 1: metric cylindrical outer thread
Sealing form 1: 24° inner cone
Residual pressure: Coupling under residual pressure is possible
Material: Steel
Surface: electro galvanised
Description: Plug-in couplings allow quick coupling.

Identification	DN*	Series	for external pipe Ø mm	Connecting thread	Size	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKSS 06 HL 3 UDK	6	L	8	M 14 x 1.5	3	225	4	-25	125
SKSS 08 HL 3 UDK	8	L	10	M 16 x 1.5	3	225	4	-25	125
SKSS 10 HL 3 UDK	10	L	12	M 18 x 1.5	3	225	4	-25	125
SKSS 13 HL 3 UDK	12	L	15	M 22 x 1.5	3	225	4	-25	125
SKSS 16 HL 3 UDK	16	L	18	M 26 x 1.5	3	225	4	-25	125
SKSS 06 HS 3 UDK	6	S	10	M 18 x 1.5	3	225	4	-25	125
SKSS 08 HS 3 UDK	8	S	12	M 18 x 1.5	3	225	4	-25	125
SKSS 10 HS 3 UDK	10	S	14	M 22 x 1.5	3	225	4	-25	125
SKSS 13 HS 3 UDK	12	S	16	M 24 x 1.5	3	225	4	-25	125

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Accessories:

SKS ZUBS - Dust protection coupling connector, SKS..

Plug-in coupling connector

- Application:** General application, e.g. in industry, construction machinery, agricultural technology etc.
- Connection 1:** metric cylindrical inner thread
- Sealing form 1:** for screw-in pins with shapes A, B and if necessary E
- Standard:** complies with ISO 7241-1 Series A
- Material:** Steel
- Surface:** electro galvanised
- Description:** Plug-in couplings allow quick coupling.



Identification	DN*	Connecting thread	L mm	Size	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKS 04 IM 1	5	M 12 x 1.5	45,0	1	300	4	-25	100
SKS 06 IM 1	6	M 14 x 1.5	45,0	1	300	4	-25	100
SKS 08 IM 2	8	M 16 x 1.5	49,0	2	250	4	-30	100
SKS 08 IM 3	8	M 16 x 1.5	59,0	3	225	4	-25	125
SKS 10 IM 2	10	M 18 x 1.5	49,0	2	300	4	-25	125
SKS 10 IM 3	10	M 18 x 1.5	60,0	3	225	4	-30	100
SKS 10 IM 4	10	M 18 x 1.5	63,5	4	225	4	-25	125
SKS 13 IM 3	12	M 22 x 1.5	48,0	3	225	4	-30	100
SKS 13 IM 4	12	M 22 x 1.5	63,5	4	225	4	-30	100
SKS 20 IM 5	19	M 30 x 1.5	76,0	5	225	4	-25	125

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Accessories:

SKS ZUBS - Dust protection coupling connector, SKS..

SKS ZUB 3 - Connector clip for coupling connector SKS..3

SKS ZUB 3 S - Connector clip for coupling connector SKS..3

SKS IR

Plug-in coupling connector



- Application:** General application, e.g. in industry, construction machinery, agricultural technology etc.
- Connection 1:** BSP cylindrical internal threads
- Sealing form 1:** for screw-in pins with shapes A, B and if necessary E
- Standard:** complies with ISO 7241-1 Series A
- Material:** Steel
- Surface:** electro galvanised
- Description:** Plug-in couplings allow quick coupling.

Identification	DN*	Connecting thread	L mm	Size	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKS 04 IR 1	5	G 1/8" -28	42,0	1	300	4	-25	100
SKS 06 IR 1	6	G 1/4" -19	44,0	1	250	4	-30	100
SKS 10 IR 2	10	G 3/8" -19	49,0	2	250	4	-30	100
SKS 10 IR 3	10	G 3/8" -19	60,0	3	225	4	-30	100
SKS 13 IR 3	12	G 1/2" -14	48,0	3	225	4	-30	100
SKS 20 IR 4	19	G 3/4" -14	67,5	4	225	4	-30	100
SKS 20 IR 5	19	G 3/4" -14	76,0	5	225	4	-30	100
SKS 25 IR 5	25	G 1" -11	76,0	5	225	4	-30	100

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Accessories:

SKS ZUBS - Dust protection coupling connector, SKS..

SKS ZUB 3 - Connector clip for coupling connector SKS..3

SKS ZUB 3 S - Connector clip for coupling connector SKS..3

SKS IJ JD**Plug-in coupling connector**

Application: Agricultural technology
Connection 1: UN/UNF inner thread
Sealing form 1: for screw-in pins with shape F
compatible with: John Deere
Material: Steel
Surface: electro galvanised
Description: Plug-in couplings allow quick coupling.



Note: Interchangeable with couplings to ISO 7241-1, Series A.

Identification	DN*	Connecting thread	Size	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKS 13 IJ 3 JD	12	UNF 3/4" -16	3	200	4	-25	125

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Accessories:

SKS ZUBS - Dust protection coupling connector, SKS..

SKS IR T

Plug-in coupling connector



- Application:** General application, e.g. in industry, construction machinery, agricultural technology etc.
- Connection 1:** BSP cylindrical internal threads
- Sealing form 1:** for screw-in pins with shapes A, B and if necessary E
- compatible with:** Tema
- Material:** Steel
- Surface:** electro galvanised
- Description:** Plug-in couplings allow quick coupling. For a high flow with minimal pressure loss.

Identification	DN*	Size	Connecting thread	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKS 06 IR T	6	4	G 1/4" -19	450	2,5	-30	100
SKS 10 IR T	10	6	G 3/8" -19	350	3,0	-30	100
SKS 13 IR T	12	8	G 1/2" -14	300	3,0	-30	100
SKS 20 IR T	19	12	G 3/4" -14	280	2,5	-30	100
SKS 25 IR T	25	16	G 1" -11	250	3,5	-30	100

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Accessories:

SKS ZUBS T - Dust protection coupling connector, SKS..T

SKS IM AE**Plug-in coupling connector**

Application:	General application, e.g. in industry, construction machinery, agricultural technology etc.
Connection 1:	metric cylindrical inner thread
Sealing form 1:	for screw-in pins with shapes A, B and if necessary E
compatible with:	Aeroquip
Material:	Steel
Surface:	electro galvanised
Description:	Plug-in couplings allow quick coupling.



Note: Interchangeable with couplings to ISO 7241-1, Series A.

Identification	DN*	Connecting thread	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKS 10 IM AE	10	M 18 x 1.5	210	4	-25	100
SKS 13 IM AE	12	M 22 x 1.5	210	4	-25	100

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Accessories:

SKS ZUBS AE - Dust protection coupling connector, SKS..AE

SKS IN AE

Plug-in coupling connector



- Application:** General application, e.g. in industry, construction machinery, agricultural technology etc.
- Connection 1:** NPT internal thread
- Sealing form 1:** thread seal
- compatible with:** Aeroquip
- Additional feature:** ISO 7241-1 A
- Material:** Steel
- Surface:** electro galvanised
- Description:** Plug-in couplings allow quick coupling.

Note: Interchangeable with couplings to ISO 7241-1, Series A.

Identification	DN*	Connecting thread	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKS 06 IN AE	6	NPT 1/4" -18	210	4	-25	100
SKS 10 IN AE	10	NPT 3/8" -18	210	4	-25	100
SKS 13 IN AE	12	NPT 1/2" -14	210	4	-25	100
SKS 20 IN AE	19	NPT 3/4" -14	210	4	-25	100
SKS 25 IN AE	25	NPT 1" -11.5	200	4	-25	100

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Accessories:
SKS ZUBS AE - Dust protection coupling connector, SKS..AE

SKS IR AE**Plug-in coupling connector**

- Application:** General application, e.g. in industry, construction machinery, agricultural technology etc.
- Connection 1:** BSP cylindrical internal threads
- Sealing form 1:** for screw-in pins with shapes A, B and if necessary E
- compatible with:** Aeroquip
- Material:** Steel
- Surface:** electro galvanised
- Description:** Plug-in couplings allow quick coupling.



Note: Interchangeable with couplings to ISO 7241-1, Series A.

Identification	DN*	Connecting thread	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKS 10 IR AE	10	G 3/8" -19	210	4,0	-25	100
SKS 13 IR AE	12	G 1/2" -14	210	4,0	-25	100
SKS 20 IR AE	19	G 3/4" -14	250	3,5	-25	100
SKS 25 IR AE	25	G 1" -11	200	4,0	-25	100

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Accessories:

SKS ZUBS AE - Dust protection coupling connector, SKS..AE

SKS IR ARG

Plug-in coupling connector



- Application:** General application, e.g. in industry, construction machinery, agricultural technology etc.
- Connection 1:** BSP cylindrical internal threads
- Sealing form 1:** for screw-in pins with shapes A, B and if necessary E
- compatible with:** ARGUS
- Material:** Steel
- Surface:** electro galvanised
- Description:** Complies with the standards ISO 5675 and SAE J1036. Plug-in couplings allow quick coupling.

Identification	DN*	Connecting thread	Size	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKS 10 IR 2 ARG	10	G 3/8" -19	2	250	4	-30	100
DN = Nominal diameter, nominal width				SF gek. = Safety factor coupled			

SKS IM ARG**Plug-in coupling connector**

- Application:** General application, e.g. in industry, construction machinery, agricultural technology etc.
- Connection 1:** metric cylindrical inner thread
- Sealing form 1:** for screw-in pins with shapes A, B and if necessary E
- compatible with:** ARGUS
- Material:** Steel
- Surface:** electro galvanised
- Description:** Complies with the standards ISO 5675 and SAE J1036. Plug-in couplings allow quick coupling.



Identification	DN*	Connecting thread	Size	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKS 08 IM 2 ARG	8	M 16 x 1.5	2	400	4	-40	100

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

SKS IN HC

Plug-in coupling connector



- Application:** Emergency tools, clamping tools, presses etc.
- Connection 1:** NPT internal thread
- Sealing form 1:** thread seal
- Included in scope of supply:** with dust protection
- Material:** Steel
- Surface:** electro galvanised
- Description:** Coupling and uncoupling with minimal drips. Plug-in coupling for quick coupling in the extreme pressure range.

Note: The connector may not be placed under load when uncoupled.

Identification	DN*	Connecting thread	L mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKS 04 IN HC	5	NPT 1/8" -27	33,3	1000	2,5	-30	100
SKS 06 IN HC	6	NPT 1/4" -18	35,7	1000	2,5	-30	100
SKS 10 IN HC	10	NPT 3/8" -18	37,0	1000	2,5	-30	100

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

SKS IR HC**Plug-in coupling connector**

Application:	Emergency tools, clamping tools, presses etc.
Connection 1:	BSP cylindrical internal threads
Sealing form 1:	for screw-in pins with shapes A, B and if necessary E
Included in scope of supply:	with dust protection
Material:	Steel
Surface:	electro galvanised
Description:	Coupling and uncoupling with minimal drips. Plug-in coupling for quick coupling in the extreme pressure range.



Note: The connector may not be placed under load when uncoupled.

Identification	DN*	Connecting thread	L mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKS 04 IR HC	5	G 1/8" -28	33,3	1000	2,5	-30	100
SKS 06 IR HC	6	G 1/4" -19	38,0	1000	2,5	-30	100
SKS 10 IR HC	10	G 3/8" -19	39,5	1000	2,5	-30	100

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

3

SKS IR MC

Plug-in coupling connector for medium pressure



- Application:** General application, e.g. in industry, construction machinery, agricultural technology etc.
- Connection 1:** BSP cylindrical internal threads
- Sealing form 1:** for screw-in pins with shapes A, B and if necessary E
- Material:** Steel
- Surface:** electro galvanised
- Description:** The small size saves space in use. For a high flow with minimal pressure loss. Plug-in couplings allow quick coupling.

Identification	DN*	Connecting thread	L mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKS 06 IR MC	6	G 1/4" -19	52,1	250	4	-30	100
SKS 10 IR MC	10	G 3/8" -19	58,6	250	4	-30	100
SKS 13 IR MC	12	G 1/2" -14	62,5	250	4	-30	100
SKS 20 IR MC	19	G 3/4" -14	80,0	320	3	-30	100
SKS 25 IR MC	25	G 1" -11	86,0	320	3	-30	100

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

SKS IN SP**Plug-in coupling connector**

Application:	General application, e.g. in industry, construction machinery, agricultural technology etc.
Connection 1:	NPT internal thread
Sealing form 1:	thread seal
compatible with:	Pioneer
Additional feature:	with ball valve
Material:	Steel
Surface:	electro galvanised
Description:	Plug-in couplings allow quick coupling.



Identification	DN*	Connecting thread	L mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKS 06 IN SP	6	NPT 1/4" -18	35,3	200	4	-25	110
SKS 10 IN SP	10	NPT 3/8" -18	38,0	200	4	-25	110
SKS 13 IN SP	12	NPT 1/2" -14	51,4	200	4	-25	125
SKS 13 IN 20 SP	12	NPT 3/4" -14	54,4	200		-40	110
SKS 20 IN SP	19	NPT 3/4" -14	46,0	200	4	-25	110
SKS 25 IN SP	25	NPT 1" -11.5	64,3	200	4	-25	110
DN = Nominal diameter, nominal width SF gek. = Safety factor coupled							

Accessories:

SKS ZUBS SP - Dust protection coupling connector, SKS..SP

SKS IN SP KE

Plug-in coupling connector



- Application:** General application, e.g. in industry, construction machinery, agricultural technology etc.
- Connection 1:** NPT internal thread
- Sealing form 1:** thread seal
- compatible with:** Pioneer
- Additional feature:** with plug valve
- Material:** Steel
- Surface:** electro galvanised
- Description:** Plug-in couplings allow quick coupling.

Identification	DN*	Connecting thread	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKS 06 IN SP KE	6	NPT 1/4" -18	350	4	-25	125
SKS 10 IN SP KE	10	NPT 3/8" -18	300	4	-25	125
SKS 13 IN SP KE	12	NPT 1/2" -14	300	4	-25	125
SKS 25 IN SP KE	25	NPT 1" -11.5	230	4	-25	125
DN = Nominal diameter, nominal width SF gek. = Safety factor coupled						

Accessories:
SKS ZUBS SP - Dust protection coupling connector, SKS.SP

SKS IR SP**Plug-in coupling connector**

- Application:** General application, e.g. in industry, construction machinery, agricultural technology etc.
- Connection 1:** BSP cylindrical internal threads
- Sealing form 1:** for screw-in pins with shapes A, B and if necessary E
- compatible with:** Pioneer
- Additional feature:** with ball valve
- Material:** Steel
- Surface:** electro galvanised
- Description:** Plug-in couplings allow quick coupling.



Identification	DN*	Connecting thread	L mm	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKS 06 IR SP	6	G 1/4" -19	35,3	200	4	-25	110
SKS 10 IR SP	10	G 3/8" -19	38,0	200	4	-25	110
SKS 13 IR SP	12	G 1/2" -14	51,4	200	4	-25	125
SKS 20 IR SP	19	G 3/4" -14	46,0	200	4	-25	125

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Accessories:

SKS ZUBS SP - Dust protection coupling connector, SKS..SP

SKS IR SP KE

Plug-in coupling connector



Application:	General application, e.g. in industry, construction machinery, agricultural technology etc.
Connection 1:	BSP cylindrical internal threads
Sealing form 1:	for screw-in pins with shapes A, B and if necessary E
compatible with:	Pioneer
Additional feature:	with plug valve
Material:	Steel
Surface:	electro galvanised
Description:	Plug-in couplings allow quick coupling.

Identification	DN*	Connecting thread	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKS 06 IR SP KE	6	G 1/4" -19	350	4	-25	125
SKS 10 IR SP KE	10	G 3/8" -19	300	4	-25	125
SKS 13 IR SP KE	12	G 1/2" -14	300	4	-25	125
SKS 20 IR SP KE	19	G 3/4" -14	250	4	-25	125
DN = Nominal diameter, nominal width SF gek. = Safety factor coupled						

Accessories:

SKS ZUBS SP - Dust protection coupling connector, SKS..SP

SKS IR SN72**Plug-in coupling connector**

Application:	General application, e.g. in industry, construction machinery, agricultural technology etc.
Design:	Snap-tite series 72
Connection 1:	BSP cylindrical internal threads
Sealing form 1:	for screw-in pins with shapes A, B and if necessary E
Additional feature:	ISO 7241-1 Series B
Material:	Steel
Surface:	electro galvanised
Description:	Plug-in couplings allow quick coupling.



Identification	DN*	Connecting thread	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKS 04 IR SN72	5	G 1/8" -28	500	4	-40	90
SKS 06 IR SN72	6	G 1/4" -19	250	4	-25	90
SKS 10 IR SN72	10	G 3/8" -19	250	4	-25	90
SKS 13 IR SN72	12	G 1/2" -14	250	4	-25	90
SKS 20 IR SN72	19	G 3/4" -14	250	4	-25	90
SKS 25 IR SN72	25	G 1" -11	200	4	-25	90
DN = Nominal diameter, nominal width SF gek. = Safety factor coupled						

Product versions:

SKS IR SN72 VA - Plug-in coupling connector, Stainless steel

Accessories:

SKS ZUBS SN72 - Dust protection coupling connector, SKS..SN 72

SKS IN SN H

Plug-in coupling connector



- Application:** General application, e.g. in industry, construction machinery, agricultural technology etc.
- Design:** Snap-tite series H
- Connection 1:** NPT internal thread
- Sealing form 1:** thread seal
- Material:** Steel
- Surface:** electro galvanised
- Description:** Plug-in couplings allow quick coupling.

Identification	DN*	Connecting thread	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKS 06 IN SN H	6	NPT 1/4" -18	450	2	-40	90
SKS 10 IN SN H	10	NPT 3/8" -18	310	2	-40	90
SKS 13 IN SN H	12	NPT 1/2" -14	280	2	-40	90
SKS 20 IN SN H	19	NPT 3/4" -14	245	2	-40	90
SKS 25 IN SN H	25	NPT 1" -11.5	140	2	-40	90
SKS 32 IN SN H	31	NPT 1.1/4" -11.5	125	2	-40	90
SKS 40 IN SN H	38	NPT 1.1/2" -11.5	105	2	-40	90
SKS 50 IN SN H	51	NPT 2" -11.5	105	2	-40	90
SKS 65 IN SN H	65	NPT 2.1/2" -8	70	2	-40	90
SKS 75 IN SN H	76	NPT 3" -8	55	2	-40	90

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Accessories:
SKS ZUBS SN H - Dust protection coupling connector, SKS..SN H

SKS IR SN H**Plug-in coupling connector**

- Application:** General application, e.g. in industry, construction machinery, agricultural technology etc.
- Design:** Snap-tite series H
- Connection 1:** BSP cylindrical internal threads
- Sealing form 1:** for screw-in pins with shapes A, B and if necessary E
- Material:** Steel
- Surface:** electro galvanised
- Description:** Plug-in couplings allow quick coupling.



Identification	DN*	Connecting thread	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKS 06 IR SN H	6	G 1/4" -19	450	2	-40	90
SKS 10 IR SN H	10	G 3/8" -19	310	2	-40	90
SKS 13 IR SN H	12	G 1/2" -14	280	2	-40	90
SKS 20 IR SN H	19	G 3/4" -14	245	2	-40	90
SKS 25 IR SN H	25	G 1" -11	140	2	-40	90
SKS 32 IR SN H	31	G 1.1/4" -11	125	2	-40	90
SKS 40 IR SN H	38	G 1.1/2" -11	105	2	-40	90
SKS 50 IR SN H	51	G 2" -11	105	2	-40	90
SKS 65 IR SN H	65	G 2.1/2" -11	70	2	-40	90
SKS 75 IR SN H	76	G 3" -11	55	2	-40	90

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Product versions:

SKS IR SN H VA - Stainless steel plug-in coupling connector, Stainless steel

Accessories:

SKS ZUBS SN H - Dust protection coupling connector, SKS..SN H

SKM ZUB 3 11

Quick release clip with dust protection



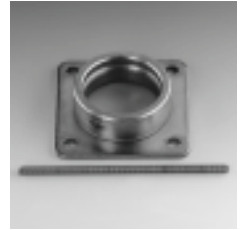
suitable for: Plug-in coupling sleeve
Material: Steel

Identification	Size	Bulkhead thread	SW mm
SKM ZUB 3 11	3	M 48 x 1.5	55
SW = Width across flats			

Accessory for following products:
SKM IR - Plug-in coupling sleeve
SKM HL / SKM HS - Plug-in coupling sleeve
SKM IM - Plug-in coupling sleeve
SKM IJ JD - Plug-in coupling sleeve

SKM ZUB 3 12**Quick release clip with spring**

suitable for: Plug-in coupling sleeve
Material: Steel



Identification	Size	Mounting hole mm
SKM ZUB 3 12	3	7,5

Spare parts:

SKM ZUB FEDER - Spring for SKM ZUB 312

Accessory for following products:

SKM HL / SKM HS - Plug-in coupling sleeve

SKM IJ JD - Plug-in coupling sleeve

SKM IM - Plug-in coupling sleeve

SKM IR - Plug-in coupling sleeve

3

SKM ZUB 3 M CLIP

Marking clip for SKM 3 C B



suitable for: Plug-in coupling sleeve
Colour: red
Material: Plastic
Description: Marking clips are used for marking coupling sleeves.

Identification	Labelling
SKM ZUB 3 MC	without
SKM ZUB 3 MC 1	1
SKM ZUB 3 MC 2	2

Accessory for following products:
SKM ZUBS 3 CB - Dust protection coupling sleeve, SKM..

SKM ZUBS**Dust protection coupling sleeve, SKM..**

suitable for: Plug-in coupling sleeve
Material: Plastic



Identification	Size	Colour
SKM ZUBS 1	1	blue
SKM ZUBS 2	2	red
SKM ZUBS 3 99	3	red
SKM ZUBS 3 99 GE	3	yellow
SKM ZUBS 3 99 GRU	3	green
SKM ZUBS 3 99 SC	3	black
SKM ZUBS 3 99 BL	3	blue
SKM ZUBS 4	4	red
SKM ZUBS 5	5	red

Accessory for following products:

SKM HL 3 U - Plug-in coupling sleeve
SKMS HL / SKMS HS - Plug-in coupling sleeve (bulkhead connection)
SKM HL / SKM HS - Plug-in coupling sleeve
SKM IM - Plug-in coupling sleeve
SKM IR - Plug-in coupling sleeve
SKM IM U - Plug-in coupling sleeve
SKMS HL 3 U - Plug-in coupling sleeve (bulkhead connection)
SKM IJ JD - Plug-in coupling sleeve

3

SKM ZUBS 3 C

Dust protection coupling sleeve, SKM..



suitable for: Plug-in coupling sleeve
Material: Plastic
Description: Snap-on dust protector (clip) for plug-in coupling sleeves.
Available in various colours for marking cable systems.

Identification	Size	Colour
SKM ZUBS 3 C	3	red
SKM ZUBS 3 C BL	3	blue
SKM ZUBS 3 C GE	3	yellow
SKM ZUBS 3 C GR	3	green
SKM ZUBS 3 C SC	3	black

Accessory for following products:
SKM HL / SKM HS - Plug-in coupling sleeve
SKMS HL / SKMS HS - Plug-in coupling sleeve (bulkhead connection)
SKM IJ JD - Plug-in coupling sleeve
SKM IM - Plug-in coupling sleeve
SKM IR - Plug-in coupling sleeve

SKM ZUBS 3 CB**Dust protection coupling sleeve, SKM..**

suitable for: Plug-in coupling sleeve
Material: Plastic
Description: Snap-on dust protector (clip) for plug-in coupling sleeves. The cover includes a small hole for mounting an additional marking clip. The housing is available in various colours; the cover is always black.



Identification	Size	Colour
SKM ZUBS 3 CB	3	red
SKM ZUBS 3 CB SC	3	black

Accessories Accessory for following products:

SKM ZUB 3 M CLIP - Marking clip for SKM 3 C B

3

SKM ZUBS AE

Dust protection coupling sleeve, SKM...AE



suitable for: Plug-in coupling sleeve SKM...AE

Identification	DN*	Material	Colour
SKM ZUBS AE 04	6	Plastic	red
SKM ZUBS AE 06	10	Plastic	red
SKM ZUBS AE 08	12	Plastic	red
SKM ZUBS AE 12	19	Plastic	red
SKM ZUBS AE 16 AL	25	Aluminium	metallic
DN = Nominal diameter, nominal width			

Accessory for following products:

- SKM IR AE - Plug-in coupling sleeve
- SKM IM AE - Plug-in coupling sleeve
- SKM IN AE - Plug-in coupling sleeve

SKM ZUBS SN H**Dust protection coupling sleeve, SKM..SN H**

suitable for: Plug-in coupling sleeve, Snap-tite series H
Material: Plastic



Identification	for thread
SKM ZUBS 06 SN H	G 1/4"
SKM ZUBS 10 SN H	G 3/8"
SKM ZUBS 13 SN H	G 1/2"
SKM ZUBS 20 SN H	G 3/4"
SKM ZUBS 25 SN H	G 1"
SKM ZUBS 32 SN H	G 1.1/4"

Accessory for following products:

SKM IR SN H - Plug-in coupling sleeve

SKM IN SN H - Plug-in coupling sleeve

3

SKM ZUBS SN72

Dust protection coupling sleeve, SKM..SN 72



suitable for: Plug-in coupling sleeve, Snap-tite series 72
Material: Plastic

3

Identification	DN*	for thread
SKM ZUBS 06 SN72	6	G 1/4"
SKM ZUBS 10 SN72	10	G 3/8"
SKM ZUBS 13 SN72	12	G 1/2"
SKM ZUBS 25 SN72	25	G 1"
DN = Nominal diameter, nominal width		

Accessory for following products:
SKM IR SN72 - Plug-in coupling sleeve

SKM ZUBS SP**Dust protection coupling sleeve, SKM..SP**

suitable for: Plug-in coupling sleeve SKM...SP
Material: Plastic



Identification	DN*	Size
SKM ZUBS SP 04	6	4
SKM ZUBS SP 06	10	6
SKM ZUBS SP 08	12	8

DN = Nominal diameter, nominal width

Accessory for following products:

SKM IN SP - Plug-in coupling sleeve

SKM IR SP - Plug-in coupling sleeve

SKM IR SP KE - Plug-in coupling sleeve

SKM IN SP KE - Plug-in coupling sleeve

3

SKM ZUBS T

Dust protection coupling sleeve, SKM..T



suitable for: Plug-in coupling sleeve SKM...T
Material: Plastic

3

Identification	DN*
SKM ZUBS T 06	6
SKM ZUBS T 10	10
SKM ZUBS T 13	12
SKM ZUBS T 20	19
SKM ZUBS T 25	25
DN = Nominal diameter, nominal width	

Accessory for following products:
SKM IR T - Plug-in coupling sleeve

SKM ZUB BLINDSTECKER**Dummy connector for plug-in coupling sleeve**

suitable for: Plug-in coupling sleeve
Included in scope of supply: with counter nut
Material: Steel



Identification	Size	Bulkhead thread	SW mm
SKM ZUB 3 17	3	M 30 x 1	36
SW = Width across flats			

Accessory for following products:

SKM HL / SKM HS - Plug-in coupling sleeve
SKM IM - Plug-in coupling sleeve
SKM IJ JD - Plug-in coupling sleeve
SKM HL 3 U - Plug-in coupling sleeve
SKM IM U - Plug-in coupling sleeve
SKM IR - Plug-in coupling sleeve

3

SKM ZUB FEDER

Spring for SKM ZUB 312



suitable for: Quick release clip with spring

Identification	External Ø mm	Length mm
SKM ZUB 3 19	4	101

Spare part for following products:
SKM ZUB 3 12 - Quick release clip with spring

SKS ZUB 3**Connector clip for coupling connector SKS..3**

suitable for: Plug-in coupling connector



Identification	Size	Bulkhead thread	Material	Included in scope of supply
SKS ZUB 3 10	3	M 18 x 1.5	Plastic	with counter nut

Accessory for following products:

SKS HL / SKS HS - Plug-in coupling connector
 SKSS HL / SKSS HS - Plug-in coupling connector (bulkhead connection)
 SKS IM - Plug-in coupling connector
 SKS IR - Plug-in coupling connector

3

SKS ZUB 3 S

Connector clip for coupling connector SKS..3



suitable for: Plug-in coupling connector
Material: Steel

Identification	Size	Bulkhead thread	Material	Included in scope of supply
SKS ZUB 3 10 S	3	M 18 x 1.5	Steel	without counter nut

Accessory for following products:
SKS HL / SKS HS - Plug-in coupling connector
SKSS HL / SKSS HS - Plug-in coupling connector (bulkhead connection)
SKS IM - Plug-in coupling connector
SKS IR - Plug-in coupling connector

SKS ZUBS**Dust protection coupling connector, SKS..**

suitable for: Plug-in coupling connector
Material: Plastic



Identification	Size	Colour
SKS ZUBS 1	1	blue
SKS ZUBS 2	2	red
SKS ZUBS 399	3	red
SKS ZUBS 399 BL	3	blue
SKS ZUBS 399 GE	3	yellow
SKS ZUBS 399 GRU	3	green
SKS ZUBS 399 SC	3	black
SKS ZUBS 4	4	red
SKS ZUBS 5	5	red

Accessory for following products:

SKSS HL / SKSS HS - Plug-in coupling connector (bulkhead connection)

SKS HL UDK / SKS HS UDK - Plug-in coupling connector

SKS IM - Plug-in coupling connector

SKS HL / SKS HS - Plug-in coupling connector

SKS IJ JD - Plug-in coupling connector

SKSS HL UDK / SKSS HS UDK - Plug-in coupling connector (bulkhead connection)

SKS IR - Plug-in coupling connector

3

SKS ZUBS AE

Dust protection coupling connector, SKS..AE



suitable for: Plug-in coupling connector SKS...AE
Material: Plastic

Identification	DN*
SKS ZUBS AE 04	6
SKS ZUBS AE 06	10
SKS ZUBS AE 08	12
SKS ZUBS AE 12	19
SKS ZUBS AE 16	25
DN = Nominal diameter, nominal width	

Accessory for following products:

- SKS IR AE - Plug-in coupling connector
- SKS IN AE - Plug-in coupling connector
- SKS IM AE - Plug-in coupling connector

SKS ZUBS SN H**Dust protection coupling connector, SKS..SN H**

suitable for: Plug-in coupling connector, Snap-tite series H
Material: Plastic



Identification	for thread
SKS ZUBS 06 SN H	G 1/4"
SKS ZUBS 10 SN H	G 3/8"
SKS ZUBS 13 SN H	G 1/2"
SKS ZUBS 20 SN H	G 3/4"
SKS ZUBS 25 SN H	G 1"
SKS ZUBS 32 SN H	G 1.1/4"

Accessory for following products:

SKS IR SN H - Plug-in coupling connector

SKS IN SN H - Plug-in coupling connector

SKS ZUBS SN72

Dust protection coupling connector, SKS..SN 72



suitable for: Plug-in coupling connector, Snap-tite series 72
Material: Plastic

3

Identification	DN*	for thread
SKS ZUBS 06 SN72	6	G 1/4"
SKS ZUBS 10 SN72	10	G 3/8"
SKS ZUBS 13 SN72	12	G 1/2"
SKS ZUBS 25 SN72	25	G 1"

DN = Nominal diameter, nominal width

Accessory for following products:
SKS IR SN72 - Plug-in coupling connector

SKS ZUBS SP**Dust protection coupling connector, SKS..SP**

suitable for: Plug-in coupling connector SKS...SP
Material: Plastic



Identification	DN*	Size
SKS ZUBS SP 04	6	4
SKS ZUBS SP 06	10	6
SKS ZUBS SP 08	12	8
DN = Nominal diameter, nominal width		

Accessory for following products:

SKS IR SP - Plug-in coupling connector
SKS IN SP KE - Plug-in coupling connector
SKS IN SP - Plug-in coupling connector
SKS IR SP KE - Plug-in coupling connector

3

SKS ZUBS T

Dust protection coupling connector, SKS..T



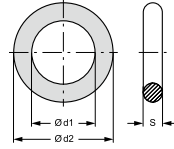
suitable for: Plug-in coupling connector SKS...T
Material: Plastic

Identification	DN*
SKS ZUBS T 06	6
SKS ZUBS T 10	10
SKS ZUBS T 13	12
SKS ZUBS T 20	19
SKS ZUBS T 25	25
DN = Nominal diameter, nominal width	

Accessory for following products:
SKS IR T - Plug-in coupling connector

SKM ORING**O-ring for SKM**

suitable for: Plug-in coupling sleeve
Material: NBR



Identification	Ø d1 mm	Ø d2 mm	S mm
SKM ORING 1	12,00	16,50	2,25
SKM ORING 2	17,00	22,00	2,50
SKM ORING 3	20,22	27,28	3,53
SKM ORING 3 99	20,29	25,53	2,62
SKM ORING 4	29,60	34,40	2,40
SKM ORING 5	35,00	40,00	2,50

Spare part for following products:

SKMS HL / SKMS HS - Plug-in coupling sleeve (bulkhead connection)

SKM IR - Plug-in coupling sleeve

SKM IM - Plug-in coupling sleeve

SKM HL / SKM HS - Plug-in coupling sleeve

SKM HL 3 U - Plug-in coupling sleeve

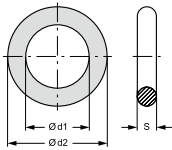
SKM IM U - Plug-in coupling sleeve

SKMS HL 3 U - Plug-in coupling sleeve (bulkhead connection)

SKM IJ JD - Plug-in coupling sleeve

SKM ORING AE

O-ring for SKM...AE



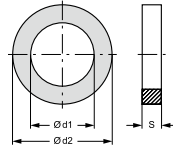
suitable for: Plug-in coupling sleeve SKM...AE
Material: NBR

Identification	Ø d1 mm	Ø d2 mm	S mm
SKM ORING 3 AE	20,22	27,28	3,53

Spare part for following products:
SKM IM AE - Plug-in coupling sleeve
SKM IR AE - Plug-in coupling sleeve
SKM IN AE - Plug-in coupling sleeve

SKM STUETZRING**Support ring for SKM**

suitable for: Plug-in coupling sleeve
Material: PVC



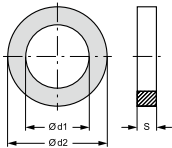
Identification	$\varnothing d1$ mm	$\varnothing d2$ mm	S mm
SKM STUETZRING 1	12,2	15,8	1,0
SKM STUETZRING 2	17,7	21,5	1,0
SKM STUETZRING 3	20,6	26,7	1,0
SKM STUETZRING 4	30,0	33,5	1,0
SKM STUETZRING 5	34,8	38,8	1,0

Spare part for following products:

SKM HL / SKM HS - Plug-in coupling sleeve
SKMS HL / SKMS HS - Plug-in coupling sleeve (bulkhead connection)
SKMS HL 3 U - Plug-in coupling sleeve (bulkhead connection)
SKM IM - Plug-in coupling sleeve
SKM IR - Plug-in coupling sleeve
SKM IJ JD - Plug-in coupling sleeve
SKM HL 3 U - Plug-in coupling sleeve
SKM IM U - Plug-in coupling sleeve

SKM STUETZRING AE

Support ring for SKM...AE



suitable for: Plug-in coupling sleeve SKM...AE
Material: PVC

Identification	Ø d1 mm	Ø d2 mm	S mm
SKM STUETZRING 3 AE	21,0	26,5	1,0

Spare part for following products:
SKM IM AE - Plug-in coupling sleeve
SKM IN AE - Plug-in coupling sleeve
SKM IR AE - Plug-in coupling sleeve

SKM HL FS**Plug-in coupling sleeve**

- Application:** General application, e.g. in industry, construction machinery, agricultural technology etc.
- Connection 1:** metric cylindrical outer thread
- Sealing form 1:** 24° inner cone
- compatible with:** Stucchi
- Material:** Steel
- Surface:** electro galvanised
- Description:** Flat seal plug-in coupling for minimal oil leakages and air admittance when coupling. For a high flow with minimal pressure loss. Suitable for use in environmentally sensitive areas.



Note: With standard threaded connections in determining the operating pressure of the maximum rated pressure is taken into account. Interchangeable with couplings to ISO 16028.

Identification	DN*	Series	for external pipe Ø mm	Connecting thread	Size	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKM 08 HL 2 FS	8	L	10	M 16 x 1.5	2	350	4,0	-20	100
SKM 10 HL 2 FS	10	L	12	M 18 x 1.5	2	350	4,0	-20	100
SKM 10 HL 3 FS	10	L	12	M 18 x 1.5	3	350	4,0	-20	100
SKM 13 HL 2 FS	12	L	15	M 22 x 1.5	2	350	4,0	-20	100
SKM 13 HL 3 FS	12	L	15	M 22 x 1.5	3	350	4,0	-20	100

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Accessories:

SKM ZUBS FS - Dust protection coupling sleeve, SKM..FS

SKMS HL FS**Plug-in coupling sleeve (bulkhead connection)**

- Application:** General application, e.g. in industry, construction machinery, agricultural technology etc.
- Design:** Coupling with bulkhead connection
- Connection 1:** metric cylindrical outer thread
- Sealing form 1:** 24° inner cone
- compatible with:** Stucchi
- Material:** Steel
- Surface:** electro galvanised
- Description:** Flat seal plug-in coupling for minimal oil leakages and air admittance when coupling. For a high flow with minimal pressure loss. Suitable for use in environmentally sensitive areas.

Note: With standard threaded connections in determining the operating pressure of the maximum rated pressure is taken into account. Interchangeable with couplings to ISO 16028.

Identification	DN*	Series	for external pipe Ø mm	Connecting thread	Size	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKMS 08 HL 2 FS	8	L	10	M 16 x 1.5	2	350	4	-20	100
SKMS 10 HL 2 FS	10	L	12	M 18 x 1.5	2	350	4	-20	100
SKMS 10 HL 3 FS	10	L	12	M 18 x 1.5	3	350	4	-20	100
SKMS 13 HL 2 FS	12	L	15	M 22 x 1.5	2	350	4	-20	100
SKMS 13 HL 3 FS	12	L	15	M 22 x 1.5	3	350	4	-20	100

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Accessories:

SKM ZUBS FS - Dust protection coupling sleeve, SKM..FS

SKM IJ FS**Plug-in coupling sleeve**

Application: General application, e.g. in industry, construction machinery, agricultural technology etc.

Connection 1: UN/UNF inner thread

Sealing form 1: for screw-in pins with shape F

compatible with: Stucchi

Material: Steel

Surface: electro galvanised

Description: Flat seal plug-in coupling for minimal oil leakages and air admittance when coupling. For a high flow with minimal pressure loss.



Note: Interchangeable with couplings to ISO 16028.

Identification	DN*	Connecting thread	Size	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKM 10 IJ 1 FS	10	UNF 9/16" -18	1	350	4	-20	100
SKM 13 IJ 2 FS	12	UNF 3/4" -16	2	350	4	-20	100
SKM 16 IJ 3 FS	16	UNF 7/8" -14	3	350	4	-20	100
SKM 20 IJ 3 FS	19	UN 1.1/16" -12	3	350	4	-20	100

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Accessories:

SKM ZUBS FS - Dust protection coupling sleeve, SKM..FS

SKM IN FS

Plug-in coupling boot, flat sealing



- Application:** General application, e.g. in industry, construction machinery, agricultural technology etc.
- Design:** flat sealing
- Connection 1:** NPT internal thread
- compatible with:** Stucchi
- Material:** Steel
- Surface:** electro galvanised
- Description:** Flat seal plug-in coupling for minimal oil leakages and air admittance when coupling. For a high flow with minimal pressure loss. Suitable for use in environmentally sensitive areas.

Note: Interchangeable with couplings to ISO 16028.

Identification	DN*	Size	Connecting thread	Working pressure bar	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKM 10 IN 2 FS	10	2	NPT 3/8" -18	350	-25	100
SKM 13 IN 2 FS	12	2	NPT 1/2" -14	350	-25	100
SKM 13 IN 3 FS	12	3	NPT 1/2" -14	350	-25	100

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

SKM IR FS**Plug-in coupling sleeve**

Application:	General application, e.g. in industry, construction machinery, agricultural technology etc.
Design:	flat sealing
Connection 1:	BSP cylindrical internal threads
Sealing form 1:	for screw-in pins with shapes A, B and if necessary E
compatible with:	Stucchi
Material:	Steel
Surface:	electro galvanised
Description:	Flat seal plug-in coupling for minimal oil leakages and air admittance when coupling. For a high flow with minimal pressure loss. Suitable for use in environmentally sensitive areas.



Note: Interchangeable with couplings to ISO 16028.

Identification	DN*	Size	Connecting thread	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKM 06 IR 1 FS	6	1	G 1/4" -19	400	4	-20	100
SKM 10 IR 2 FS	10	2	G 3/8" -19	350	4	-20	100
SKM 13 IR 2 FS	12	2	G 1/2" -14	350	4	-20	100
SKM 13 IR 3 FS	12	3	G 1/2" -14	350	4	-20	100
SKM 20 IR 3 FS	19	3	G 3/4" -14	350	4	-20	100
SKM 20 IR 4 FS	19	4	G 3/4" -14	350	4	-20	100
SKM 25 IR 5 FS	25	5	G 1" -11	350	4	-20	100
SKM 32 IR 6 FS	31	6	G 1.1/4" -11	300	4	-20	100
SKM 40 IR 7 FS	38	7	G 1.1/2" -11	200	4	-20	100
SKM 50 IR 8 FS	51	8	G 2" -11	200	4	-20	100

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Product versions:

SKM IR FS VA - Plug-in coupling sleeve, Stainless steel

Accessories:

SKM ZUBS FS - Dust protection coupling sleeve, SKM..FS

SKM IR SN71-3**Plug-in coupling sleeve**

- Application:** General application, e.g. in industry, construction machinery, agricultural technology etc.
- Connection 1:** BSP cylindrical internal threads
- Sealing form 1:** for screw-in pins with shapes A, B and if necessary E
- Material:** Steel
- Surface:** electro galvanised
- Description:** Used for high pressures and severe pressure pulses. Single handed operation when coupling (if the counter piece is fitted securely). Flat seal plug-in coupling for minimal oil leakages and air admittance when coupling.

Identification	DN*	Connecting thread	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKM 06 IR SN71-3	6	G 1/4" -19	690	2	-40	90
SKM 10 IR SN71-3	10	G 3/8" -19	690	2	-40	90
SKM 13 IR SN71-3	12	G 1/2" -14	690	2	-40	90
SKM 20 IR SN71-3	19	G 3/4" -14	520	2	-40	90
SKM 25 IR SN71-3	25	G 1" -11	520	2	-40	90

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Accessories:

SKM ZUBS SN71 - Dust protection coupling sleeve, SKM..SN 71

SKM IR F SN74**Plug-in coupling sleeve**

- Application:** General application, e.g. in industry, construction machinery, agricultural technology etc.
- Design:** Snap-tite series 74
- Connection 1:** BSP cylindrical internal threads
- Sealing form 1:** for screw-in pins with shapes A, B and if necessary E
- Material:** Steel
- Surface:** electro galvanised
- Description:** For a high flow with minimal pressure loss. Suitable for use in environmentally sensitive areas. Flat seal plug-in coupling for minimal oil leakages and air admittance when coupling.



Note: Interchangeable with couplings to ISO 16028.

Identification	DN*	Connecting thread	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKM 10 IR F SN74	10	G 3/8" -19	250	4	-40	90
SKM 13 IR F SN74	12	G 1/2" -14	250	4	-40	90

DN = Nominal diameter, nominal width

SKM HN FS 700

Plug-in coupling boot, flat sealing, 700 bar



- Application:** General application, e.g. in industry, construction machinery, agricultural technology etc.
- Design:** flat sealing
- Connection 1:** NPT external threads
- Sealing form 1:** thread seal
- compatible with:** Stucchi HP
- Material:** Steel
- Surface:** electro galvanised

Identification	DN*	Size	Connecting thread	Working pressure bar	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKM 06 HN FS 700	6	1	NPT 1/4" -18	700	-25	100
DN = Nominal diameter, nominal width						

Accessories:
SKM ZUBS FS - Dust protection coupling sleeve, SKM..FS

SKM IN FS 700**Plug-in coupling boot, flat sealing, 700 bar**

Application:	General application, e.g. in industry, construction machinery, agricultural technology etc.
Design:	flat sealing
Connection 1:	NPT internal thread
Sealing form 1:	thread seal
compatible with:	Stucchi HP
Material:	Steel
Surface:	electro galvanised



Identification	DN*	Size	Connecting thread	Working pressure bar	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKM 06 IN FS 700	6	1	NPT 1/4" -18	700	-25	100
SKM 06 IN 10 FS 700	6	1	NPT 3/8" -18	700	-25	100

DN = Nominal diameter, nominal width

Accessories:

SKM ZUBS FS - Dust protection coupling sleeve, SKM..FS

SKM IR FS 700**Plug-in coupling boot, flat sealing, 700 bar**

Application:	General application, e.g. in industry, construction machinery, agricultural technology etc.
Design:	flat sealing
Connection 1:	BSP cylindrical internal threads
Sealing form 1:	for screw-in pins with shapes A, B and if necessary E
compatible with:	Stucchi HP
Material:	Steel
Surface:	electro galvanised

Identification	DN*	Size	Connecting thread	Working pressure bar	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKM 06 IR FS 700	6	1	G 1/4" -19	700	-25	100
DN = Nominal diameter, nominal width						

Accessories:

SKM ZUBS FS - Dust protection coupling sleeve, SKM..FS

SKS HL FS**Plug-in coupling connector**

suitable for: Plug-in coupling connector SKS...FS
Design: flat sealing
Connection 1: metric cylindrical outer thread
Sealing form 1: 24° inner cone
compatible with: Stucchi
Material: Steel
Surface: electro galvanised
Description: Flat seal plug-in coupling for minimal oil leakages and air admittance when coupling. For a high flow with minimal pressure loss. Suitable for use in environmentally sensitive areas.



Note: With standard threaded connections in determining the operating pressure of the maximum rated pressure is taken into account. nominal width 10, size 2 also available in ED version Interchangeable with couplings to ISO 16028.

Identification	DN*	Series	for external pipe Ø mm	Connecting thread	Size	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKS 08 HL 2 FS	8	L	10	M 16 x 1.5	2	350	4,0	-20	100
SKS 10 HL 2 FS	10	L	12	M 18 x 1.5	2	350	4,0	-20	100
SKS 10 HL 2 FS ED	10	L	12	M 18 x 1.5	2	350	4,0	-20	100
SKS 10 HL 3 FS	10	L	12	M 18 x 1.5	3	350	4,0	-20	100
SKS 13 HL 2 FS	12	L	15	M 22 x 1.5	2	350	4,0	-20	100
SKS 13 HL 3 FS	12	L	15	M 22 x 1.5	3	350	4,0	-20	100

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled BD = Working pressure

Accessories:

SKS ZUBS FS - Dust protection coupling connector, SKS..FS

SKSS HL FS**Plug-in coupling connector (bulkhead connection)**

Application:	General application, e.g. in industry, construction machinery, agricultural technology etc.
Design:	Coupling with bulkhead connection
Connection 1:	metric cylindrical outer thread
Sealing form 1:	24° inner cone
compatible with:	Stucchi
Material:	Steel
Surface:	electro galvanised
Description:	Flat seal plug-in coupling for minimal oil leakages and air admittance when coupling. For a high flow with minimal pressure loss. Suitable for use in environmentally sensitive areas.

Note: With standard threaded connections in determining the operating pressure of the maximum rated pressure is taken into account. Interchangeable with couplings to ISO 16028.

Identification	DN*	Series	for external pipe Ø mm	Connecting thread	Size	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKSS 08 HL 2 FS	8	L	10	M 16 x 1.5	2	350	4,0	-20	100
SKSS 10 HL 2 FS	10	L	12	M 18 x 1.5	2	350	4,0	-20	100
SKSS 10 HL 3 FS	10	L	12	M 18 x 1.5	3	350	4,0	-20	100
SKSS 13 HL 2 FS	12	L	15	M 22 x 1.5	2	350	4,0	-20	100
SKSS 13 HL 3 FS	12	L	15	M 22 x 1.5	3	350	4,0	-20	100

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Accessories:

SKS ZUBS FS - Dust protection coupling connector, SKS..FS

SKS IJ FS**Plug-in coupling connector**

Application: General application, e.g. in industry, construction machinery, agricultural technology etc.

Connection 1: UN/UNF inner thread

Sealing form 1: for screw-in pins with shape F

compatible with: Stucchi

Material: Steel

Surface: electro galvanised

Description: Flat seal plug-in coupling for minimal oil leakages and air admittance when coupling. For a high flow with minimal pressure loss. Suitable for use in environmentally sensitive areas.



Note: Interchangeable with couplings to ISO 16028.

Identification	DN*	Connecting thread	Size	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKS 10 IJ 1 FS	10	UNF 9/16" -18	1	350	4	-20	100
SKS 13 IJ 2 FS	12	UNF 3/4" -16	2	350	4	-20	100
SKS 16 IJ 3 FS	16	UNF 7/8" -14	3	350	4	-20	100
SKS 20 IJ 3 FS	19	UN 1.1/16" -12	3	350	4	-20	100

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Accessories:

SKS ZUBS FS - Dust protection coupling connector, SKS..FS

SKS IJ FS HA**Plug-in coupling plug**

Application: in construction, mining and tunnel building
Design: flat sealing
Connection 1: UN/UNF inner thread
Sealing form 1: for screw-in pins with shape F
Standard: ISO 16028
Additional feature: for breaker operation
compatible with: Stucchi
Material: Steel
Surface: electro galvanised

Identification	DN*	Connecting thread	Size	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKS 20 IJ 5 FS HA	19	UN 1.1/16" - 12	5	350	4	-25	100
SKS 25 IJ 5 FS HA	25	UN 1 5/16" - 12	5	350	4	-25	100

DN = Nominal diameter, nominal width

SKS IN FS**Plug-in coupling plug, flat sealing**

- Application:** General application, e.g. in industry, construction machinery, agricultural technology etc.
- Design:** flat sealing
- Connection 1:** NPT internal thread
- Material:** Steel
- Surface:** electro galvanised
- Description:** Flat seal plug-in coupling for minimal oil leakages and air admittance when coupling. For a high flow with minimal pressure loss. Suitable for use in environmentally sensitive areas.



Note: Interchangeable with couplings to ISO 16028.

Identification	DN*	Connecting thread	Size	Working pressure bar	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKS 10 IN 2 FS	10	NPT 3/8" -18	2	350	-25	100
SKS 13 IN 2 FS	12	NPT 1/2" -14	2	350	-25	100
SKS 13 IN 3 FS	12	NPT 1/2" -14	3	350	-25	100

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

3

SKS IR FS

Plug-in coupling connector



- Application:** General application, e.g. in industry, construction machinery, agricultural technology etc.
- Design:** flat sealing
- Connection 1:** BSP cylindrical internal threads
- Sealing form 1:** for screw-in pins with shapes A, B and if necessary E
- compatible with:** Stucchi
- Material:** Steel
- Surface:** electro galvanised
- Description:** Flat seal plug-in coupling for minimal oil leakages and air admittance when coupling. For a high flow with minimal pressure loss. Suitable for use in environmentally sensitive areas.

Note: Interchangeable with couplings to ISO 16028.

Identification	DN*	Connecting thread	Size	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKS 06 IR 1 FS	6	G 1/4" -19	1	400	4	-30	100
SKS 10 IR 2 FS	10	G 3/8" -19	2	350	4	-30	100
SKS 13 IR 2 FS	12	G 1/2" -14	2	350	4	-30	100
SKS 13 IR 3 FS	12	G 1/2" -14	3	350	4	-30	100
SKS 20 IR 3 FS	19	G 3/4" -14	3	350	4	-30	100
SKS 20 IR 4 FS	19	G 3/4" -14	4	350	4	-30	100
SKS 25 IR 5 FS	25	G 1" -11	5	350	4	-30	100
SKS 32 IR 6 FS	31	G 1.1/4" -11	6	300	4	-20	100
SKS 40 IR 7 FS	38	G 1.1/2" -11	7	200	4	-20	100
SKS 50 IR 8 FS	51	G 2" -11	8	200	4	-20	100

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Product versions:

SKS IR FS VA - Plug-in coupling connector, Stainless steel

Accessories:

SKS ZUBS FS - Dust protection coupling connector, SKS..FS

SKS IR FS HA**Plug-in coupling plug**

Application: in construction, mining and tunnel building
Design: flat sealing
Connection 1: BSP cylindrical internal threads
Sealing form 1: for screw-in pins with shapes A, B and if necessary E
Standard: ISO 16028
Additional feature: for breaker operation
compatible with: Stucchi
Material: Steel
Surface: electro galvanised



Identification	DN*	Connecting thread	Size	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKS 20 IR 5 FS HA	19	G 3/4" -14	5	350	4	-25	100
SKS 25 IR 5 FS HA	25	G 1" -11	5	350	4	-25	100

DN = Nominal diameter, nominal width

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SKS IR FS UDK

Plug-in coupling plug



Application:	General application, e.g. in industry, construction machinery, agricultural technology etc.
Design:	flat sealing
Connection 1:	BSP cylindrical internal threads
Sealing form 1:	for screw-in pins with shapes A, B and if necessary E
Standard:	ISO 16028
Residual pressure:	Coupling under pressure is possible. (only plug side)
Additional feature:	can be coupled with 250 bar residual pressure
compatible with:	Stucchi
Material:	Steel
Surface:	electro galvanised

Identification	DN*	Connecting thread	Size	Working pressure bar	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKS 06 IR 1 FS UDK	6	G 1/4" -19	1	400	-25	100
SKS 10 IR 2 FS UDK	10	G 3/8" -19	2	350	-25	100
SKS 13 IR 2 FS UDK	12	G 1/2" -14	2	350	-25	100
SKS 13 IR 3 FS UDK	12	G 1/2" -14	3	350	-25	100
SKS 13 IR 4 FS UDK	12	G 1/2" -14	4	350	-25	100
SKS 20 IR 3 FS UDK	19	G 3/4" -14	3	350	-25	100
SKS 20 IR 4 FS UDK	19	G 3/4" -14	4	350	-25	100
SKS 20 IR 5 FS UDK	19	G 3/4" -14	5	300	-25	100
SKS 25 IR 5 FS UDK	25	G 1" -11	5	300	-25	100

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

SKS IR SN71-3**Plug-in coupling connector**

- Application:** General application, e.g. in industry, construction machinery, agricultural technology etc.
- Connection 1:** BSP cylindrical internal threads
- Sealing form 1:** for screw-in pins with shapes A, B and if necessary E
- Material:** Steel
- Surface:** electro galvanised
- Description:** Used for high pressures and severe pressure pulses. Single handed operation when coupling (if the counter piece is fitted securely). Flat seal plug-in coupling for minimal oil leakages and air admittance when coupling.



Identification	DN*	Connecting thread	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKS 06 IR SN71-3	6	G 1/4" -19	690	2	-40	90
SKS 10 IR SN71-3	10	G 3/8" -19	690	2	-40	90
SKS 13 IR SN71-3	12	G 1/2" -14	690	2	-40	90
SKS 20 IR SN71-3	19	G 3/4" -14	520	2	-40	90
SKS 25 IR SN71-3	25	G 1" -11	520	2	-40	90

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

Accessories:

SKS ZUBS SN71 - Dust protection coupling connector, SKS..SN 71

SKS IR F SN74

Plug-in coupling connector



- Application:** General application, e.g. in industry, construction machinery, agricultural technology etc.
- Design:** Snap-tite series 74
- Connection 1:** BSP cylindrical internal threads
- Sealing form 1:** for screw-in pins with shapes A, B and if necessary E
- Material:** Steel
- Surface:** electro galvanised
- Description:** Flat seal plug-in coupling for minimal oil leakages and air admittance when coupling. For a high flow with minimal pressure loss. Suitable for use in environmentally sensitive areas.

Identification	DN*	Connecting thread	Working pressure bar	SF coup.*	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKS 10 IR F SN74	10	G 3/8" -19	250	4	-40	90
SKS 13 IR F SN74	12	G 1/2" -14	250	4	-40	90

DN = Nominal diameter, nominal width SF gek. = Safety factor coupled

SKS HN FS 700**Plug-in coupling plug, flat sealing, 700 bar**

Application:	General application, e.g. in industry, construction machinery, agricultural technology etc.
Design:	flat sealing
Connection 1:	NPT external threads
Sealing form 1:	thread seal
compatible with:	Stucchi HP
Material:	Steel
Surface:	electro galvanised



Identification	DN*	Connecting thread	Size	Working pressure bar	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKS 06 HN FS 700	6	NPT 1/4" -18	1	700	-25	100

DN = Nominal diameter, nominal width

Accessories:

SKS ZUBS FS - Dust protection coupling connector, SKS..FS

SKS IN FS 700

Plug-in coupling plug, flat sealing, 700 bar



Application:	General application, e.g. in industry, construction machinery, agricultural technology etc.
Design:	flat sealing
Connection 1:	NPT internal thread
Sealing form 1:	thread seal
compatible with:	Stucchi HP
Material:	Steel
Surface:	electro galvanised

Identification	DN*	Connecting thread	Size	Working pressure bar	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKS 06 IN FS 700	6	NPT 1/4" -18	1	700	-25	100
SKS 06 IN 10 FS 700	6	NPT 3/8" -18	1	700	-25	100

DN = Nominal diameter, nominal width

Accessories:

SKS ZUBS FS - Dust protection coupling connector, SKS..FS

SKS IR FS 700**Plug-in coupling plug, flat sealing, 700 bar**

Application:	General application, e.g. in industry, construction machinery, agricultural technology etc.
Design:	flat sealing
Connection 1:	BSP cylindrical internal threads
Sealing form 1:	for screw-in pins with shapes A, B and if necessary E
compatible with:	Stucchi HP
Material:	Steel
Surface:	electro galvanised



Identification	DN*	Connecting thread	Size	Working pressure bar	Mineral oil temp. min. °C	Mineral oil temp. max. °C
SKS 06 IR FS 700	6	G 1/4" -19	1	700	-25	100

DN = Nominal diameter, nominal width

Accessories:

SKS ZUBS FS - Dust protection coupling connector, SKS..FS

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SKM ZUBS FS

Dust protection coupling sleeve, SKM..FS



suitable for: Plug-in coupling sleeve SKM...FS
Material: Plastic

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Identification	Size
SKM ZUBS 1 FS	1
SKM ZUBS 2 FS	2
SKM ZUBS 3 FS	3
SKM ZUBS 4 FS	4
SKM ZUBS 5 FS	5

Accessory for following products:
SKM IR FS - Plug-in coupling sleeve
SKM HL FS - Plug-in coupling sleeve
SKM U FS - Plug-in coupling sleeve
SKMS HL FS - Plug-in coupling sleeve (bulkhead connection)
SKM HN FS 700 - Plug-in coupling boot, flat sealing, 700 bar
SKM IN FS 700 - Plug-in coupling boot, flat sealing, 700 bar
SKM IR FS 700 - Plug-in coupling boot, flat sealing, 700 bar

SKM ZUBS SN71**Dust protection coupling sleeve, SKM..SN 71**

suitable for: Plug-in coupling sleeve, Snap-tite series 71
Material: Plastic



Identification	DN*	for thread
SKM ZUBS 06 SN71	6	G 1/4"
SKM ZUBS 10 SN71	10	G 3/8"
SKM ZUBS 13 SN71	12	G 1/2"
SKM ZUBS 20 SN71	19	G 3/4"
SKM ZUBS 25 SN71	25	G 1"
DN = Nominal diameter, nominal width		

Accessory for following products:

SKM IR SN71-3 - Plug-in coupling sleeve

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SKS ZUBS FS

Dust protection coupling connector, SKS..FS



suitable for: Plug-in coupling connector SKS...FS
Material: Plastic

Identification	Size
SKS ZUBS 1 FS	1
SKS ZUBS 2 FS	2
SKS ZUBS 3 FS	3
SKS ZUBS 4 FS	4
SKS ZUBS 5 FS	5

Accessory for following products:
SKS IR FS - Plug-in coupling connector
SKS IJ FS - Plug-in coupling connector
SKS HL FS - Plug-in coupling connector
SKSS HL FS - Plug-in coupling connector (bulkhead connection)
SKS HN FS 700 - Plug-in coupling plug, flat sealing, 700 bar
SKS IN FS 700 - Plug-in coupling plug, flat sealing, 700 bar
SKS IR FS 700 - Plug-in coupling plug, flat sealing, 700 bar

SKS ZUBS SN71**Dust protection coupling connector, SKS..SN 71**

suitable for: Plug-in coupling connector, Snap-tite series 71
Material: Plastic



Identification	DN*	for thread
SKS ZUBS 06 SN71	6	G 1/4"
SKS ZUBS 10 SN71	10	G 3/8"
SKS ZUBS 13 SN71	12	G 1/2"
SKS ZUBS 20 SN71	19	G 3/4"
SKS ZUBS 25 SN71	25	G 1"
DN = Nominal diameter, nominal width		

Accessory for following products:

SKS IR SN71-3 - Plug-in coupling connector

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SKS IR 2 MULTI R

Multicoupling loose half, rectangular



Application:	Industry, Transport and municipal vehicles, Agricultural technology
Connection 1:	BSP cylindrical internal threads
Connection 2:	Connectors
Standard:	complies with ISO 16028
Residual pressure:	for coupling under residual pressure up to 40 bar on the plug side
Design:	Multicoupling
Supplementary design information:	Panel construction as quick-change system
max: Flow:	100 L/min
Description:	Quick release couplings are used when add-on parts need to be replaced frequently.

Note: Working pressure: 200 bar for each coupling, but no more than 600 bar for the multicoupler

Identification	Connecting thread	Working pressure bar	Size
SKS 10 IR 2 MULTI R	G 3/8" -19	200	2
SKS 13 IR 2 MULTI R	G 1/2" -14	200	2

Additional info: Multi couplings offer considerable benefits

over bundled screw and plug-in couplings:

- Time saving factor due to fast and convenient exchange of add-on parts
- Convenient handling with simultaneous coupling of multiple connections
- Trouble-free coupling even if system pressures are applied
- No confusion between connections, no reversal of flow paths
- Flat seal valves prevent oil leakages, air admittance and allows efficient cleaning even in soiled working environments

SKS IR FS MULTI FL**Multi-coupling loose half flat**

Application:	construction plant
Connection 1:	BSP cylindrical internal threads
Connection 2:	Connectors
Residual pressure:	Coupling under pressure to approx. 200 bar
Design:	Multicoupling
Supplementary design information:	quick change system, 2 fold
Properties:	extremely flat - optimal mechanics, Stable design, high-strength and hardened materials, Modular construction, Couple with one throw of a lever
max: Flow:	90 L/min
Material:	Steel
Surface:	Zinc-nickel
Description:	Quick release couplings are used when add-on parts need to be replaced frequently.



Identification	Connecting thread	Working pressure bar	Size
SKS 20 IR 3 FS MULTI FL	G 3/4" -14	330	3

Accessories:

SKS ZUBS MULTI FL - Holder for multi-coupling

SKM IR 2 MULTI R

Square multi-coupling (fixed)



Application:	Industry, Transport and municipal vehicles, Agricultural technology
Connection 1:	BSP cylindrical internal threads
Connection 2:	Plug in sleeve
Standard:	complies with ISO 16028
Residual pressure:	for coupling under residual pressure up to 40 bar on the plug side
Design:	Multicoupling
Supplementary design information:	Panel construction as quick-change system
max: Flow:	100 L/min
Description:	Quick release couplings are used when add-on parts need to be replaced frequently.

Note: Working pressure: 200 bar for each coupling, but no more than 600 bar for the multicoupler

Identification	Connecting thread	Working pressure bar	Size
SKM 10 IR 2 MULTI R	G 3/8" -19	200	2
SKM 13 IR 2 MULTI R	G 1/2" -14	200	2

Additional info: Multi couplings offer considerable benefits

over bundled screw and plug-in couplings:

- Time saving factor due to fast and convenient exchange of add-on parts
- Convenient handling with simultaneous coupling of multiple connections
- Trouble-free coupling even if system pressures are applied
- No confusion between connections, no reversal of flow paths
- Flat seal valves prevent oil leakages, air admittance and allows efficient cleaning even in soiled working environments

SKM IR FS MULTI FL**Multi-coupling fixed half flat**

Application:	construction plant
Connection 1:	BSP cylindrical internal threads
Connection 2:	Plug in sleeve
Residual pressure:	Coupling under pressure to approx. 200 bar
Design:	Multicoupling
Supplementary design information:	quick change system, 2 fold
Included in scope of supply:	with weatherproof dust plate
max: Flow:	90 L/min
Material:	Steel
Surface:	Zinc-nickel
Description:	extremely flat - optimal mechanics Stable design, high-strength and hardened materials Couple with one throw of a lever Modular construction



Identification	Connecting thread	Working pressure bar	Size
SKM 20 IR 3 FS MULTI FL	G 3/4" -14	330	3

Additional info: Multi couplings offer considerable benefits

over bundled screw and plug-in couplings:

- Time saving factor due to fast and convenient exchange of add-on parts
- Convenient handling with simultaneous coupling of multiple connections
- Trouble-free coupling even if system pressures are applied
- No confusion between connections, no reversal of flow paths
- Flat seal valves prevent oil leakages, air admittance and allows efficient cleaning even in soiled working environments

SKS HL 2 MULTI R

Multicoupling loose half, rectangular



Application:	Industry, Transport and municipal vehicles, Agricultural technology
Connection 1:	metric cylindrical outer thread
Sealing form 1:	24° inner cone
Connection 2:	Connectors
Standard:	complies with ISO 16028
Residual pressure:	for coupling under residual pressure up to 40 bar on the plug side
Design:	Multicoupling
Supplementary design information:	Panel construction as quick-change system
max: Flow:	100 L/min
Description:	Quick release couplings are used when add-on parts need to be replaced frequently.

Identification	for external pipe Ø mm	Series	Working pressure bar	Size
SKS 08 HL 2 MULTI R	10	L	200	2
SKS 10 HL 2 MULTI R	12	L	200	2
SKS 13 HL 2 MULTI R	15	L	200	2
SKS 16 HL 2 MULTI R	18	L	200	2

Additional info: Multi couplings offer considerable benefits

over bundled screw and plug-in couplings:

- Time saving factor due to fast and convenient exchange of add-on parts
- Convenient handling with simultaneous coupling of multiple connections
- Trouble-free coupling even if system pressures are applied
- No confusion between connections, no reversal of flow paths
- Flat seal valves prevent oil leakages, air admittance and allows efficient cleaning even in soiled working environments

SKM HL 2 MULTI R**Square multi-coupling (fixed)**

Application:	Industry, Transport and municipal vehicles, Agricultural technology
Connection 1:	metric cylindrical outer thread
Sealing form 1:	24° inner cone
Connection 2:	Plug in sleeve
Standard:	complies with ISO 16028
Residual pressure:	for coupling under residual pressure up to 40 bar on the plug side
Design:	Multicoupling
Supplementary design information:	Panel construction as quick-change system
max: Flow:	100 L/min
Description:	Quick release couplings are used when add-on parts need to be replaced frequently.



Identification	for external pipe Ø mm	Series	Working pressure bar	Size
SKM 08 HL 2 MULTIR	10	L	200	2
SKM 10 HL 2 MULTIR	12	L	200	2
SKM 13 HL 2 MULTIR	15	L	200	2
SKM 16 HL 2 MULTIR	18	L	200	2

Additional info: Multi couplings offer considerable benefits

over bundled screw and plug-in couplings:

- Time saving factor due to fast and convenient exchange of add-on parts
- Convenient handling with simultaneous coupling of multiple connections
- Trouble-free coupling even if system pressures are applied
- No confusion between connections, no reversal of flow paths
- Flat seal valves prevent oil leakages, air admittance and allows efficient cleaning even in soiled working environments

SKS ZUBS MULTI FL

Holder for multi-coupling



Design:
Material:

Holder for loose half
Plastic

Identification

SKS ZUBS 3 MULTI FL

Accessory for following products:

SKS IR FS MULTI FL - Multi-coupling loose half flat

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SKS IR 2 MULTI Q**Square multi coupling (loose)**

Application:	Industry, Transport and municipal vehicles, Agricultural technology
Connection 1:	BSP cylindrical internal threads
Connection 2:	Connectors
Design:	Multicoupling
Supplementary design information:	Panel construction as quick-change system
max: Flow:	40 L/min
Description:	Quick release couplings are used when add-on parts need to be replaced frequently.



Identification	Connecting thread	Working pressure bar
SKS 13 IR 2 MULTI Q	G 1/2" -14	250

Additional info: Multi couplings offer considerable benefits over bundled screw and plug-in couplings:

- Time saving factor due to fast and convenient exchange of add-on parts
- Convenient handling with simultaneous coupling of multiple connections
- Trouble-free coupling even if system pressures are applied
- No confusion between connections, no reversal of flow paths
- Flat seal valves prevent oil leakages, air admittance and allows efficient cleaning even in soiled working environments

SKM IR 2 MULTI Q

Square multi-coupling (fixed)



- Application:** Industry, Transport and municipal vehicles, Agricultural technology
- Connection 1:** BSP cylindrical internal threads
- Connection 2:** Plug in sleeve
- Design:** Multicoupling
- Supplementary design information:** Panel construction as quick-change system
- max: Flow:** 40 L/min
- Description:** Quick release couplings are used when add-on parts need to be replaced frequently.

Identification	Connecting thread	Working pressure bar
SKM 13 IR 2 MULTI Q	G 1/2" -14	250

Additional info: Multi couplings offer considerable benefits over bundled screw and plug-in couplings:

- Time saving factor due to fast and convenient exchange of add-on parts
- Convenient handling with simultaneous coupling of multiple connections
- Trouble-free coupling even if system pressures are applied
- No confusion between connections, no reversal of flow paths
- Flat seal valves prevent oil leakages, air admittance and allows efficient cleaning even in soiled working environments

