

HYDRAULIC HOSE

Couplings , Accessories and Equipment



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SAE 100 R1AT / EN853 1SN



PRODUCT CODE	HOSE DIAMETER							
			R.O.D	O.D.	MAX. W.P.	BURST PRESSURE	MIN. BEND RADIUS	WEIGHT
	inch	mm	mm	mm	Bar	Bar	mm	kg/mt
H100R1AT06	1/4"	6,4	11,1	13,4	225	900	102,0	0,21
H100R1AT08	5/16"	7,9	12,7	17,4	215	850	114,0	0,24
H100R1AT10	3/8"	9,5	15,1	19,8	180	720	127,0	0,33
H100R1AT13	1/2"	12,7	18,3	20,6	160	640	178,0	0,41
H100R1AT16	5/8"	15,9	21,4	23,7	130	520	203,0	0,45
H100R1AT19	3/4"	19,0	25,4	27,7	105	420	241,0	0,58
H100R1AT25	1"	25,4	33,3	35,6	88	350	305,0	0,88
H100R1AT32	1 1/4"	31,8	40,5	43,5	63	250	419,0	1,23
H100R1AT38	1 1/2"	38,1	46,8	50,6	50	200	508,0	1,51
H100R1AT51	2"	50,8	60,2	64,0	40	160	635,0	1,97

MAIN APPLICATIONS

Low-medium pressure lines, return lines

CONTINUOUS SERVICE TEMPERATURE RANGE

-40°F / +212°F

-40°C / +100°C

MAX OPERATING TEMPERATURE

(Intermittent service)

250°F 121°C

RECOMMENDED FLUIDS

Mineral oils, vegetable and rape seed oils, glycol and polyglycol based oils, synthetic ester based oils, oils in aqueous emulsion, water

TUBE: Oil resistant synthetic rubber

REINFORCEMENT: One high tensile steel braid

COVER: Environment resistant synthetic rubber

APPLICABLE SPECS.: EN 853 1SN - SAE 100 R1AT - ISO 1436-1 1SN/R1AT

NOTE / NOTES

Due to continual product improvements, Schneder reserves the right to alter specs and prices without prior notice.
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SAE 100 R2AT / EN853 2SN



PRODUCT CODE	HOSE DIAMETER							
			R.O.D	O.D.	MAX. W.P.	BURST PRESSURE	MIN. BEND RADIUS	WEIGHT
	inch	mm	mm	mm	Bar	Bar	mm	kg/mt
H100R2AT06	1/4"	6,4	12,7	15,0	400	1600	102,0	0,36
H100R2AT08	5/16"	7,9	14,3	16,6	360	1400	114,0	0,45
H100R2AT10	3/8"	9,5	16,7	19,0	330	1320	127,0	0,54
H100R2AT13	1/2"	12,7	19,8	22,2	276	1100	178,0	0,68
H100R2AT16	5/8"	15,9	23,0	25,4	250	1000	203,0	0,80
H100R2AT19	3/4"	19,0	27,0	29,3	215	850	241,0	0,94
H100R2AT25	1"	25,4	34,9	38,0	165	650	305,0	1,35
H100R2AT32	1 1/4"	31,8	44,5	48,3	125	500	419,0	2,15
H100R2AT38	1 1/2"	38,1	50,8	54,6	90	360	508,0	2,65
H100R2AT51	2"	50,8	63,5	67,3	80	320	635,0	3,42

MAIN APPLICATIONS

Medium-high pressure lines

CONTINUOUS SERVICE TEMPERATURE RANGE

-40°F / +212°F

-40°C / +100°C

MAX OPERATING TEMPERATURE

(Intermittent service)

250°F 121°C

RECOMMENDED FLUIDS

Mineral oils, vegetable and rape seed oils, glycol and polyglycol based oils, synthetic ester based oils, oils in aqueous emulsion, water

TUBE: Oil resistant synthetic rubber

REINFORCEMENT: Two high tensile steel braids

COVER: Environment resistant synthetic rubber

APPLICABLE SPECS.: EN 853 2SN - SAE 100 R2AT - ISO 1436-1 2SN/R2AT

NOTE / NOTES

Due to continual product improvements, Schneder reserves the right to alter specs and prices without prior notice.

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EN856 4SP



PRODUCT CODE	HOSE DIAMETER							
			R.O.D	O.D.	MAX. W.P.	BURST PRESSURE	MIN. BEND RADIUS	WEIGHT
	inch	mm	mm	mm	Bar	Bar	mm	kg/mt
H8564SP10	3/8"	9,5	17,5	21,4	445	1800	180,0	0,78
H8564SP13	1/2"	12,7	20,2	24,0	415	1660	230,0	0,89
H8564SP16	5/8"	15,9	23,8	28,2	350	1400	250,0	1,11
H8564SP19	3/4"	19,0	28,2	32,2	350	1400	300,0	1,59
H8564SP25	1"	25,4	35,5	39,7	320	1120	340,0	2,02
H8564SP32	1 1/4"	31,8	46,0	50,8	210	840	460,0	3,32
H8564SP38	1 1/2"	38,1	52,4	57,7	185	740	560,0	3,70
H8564SP51	2"	50,8	65,3	69,6	165	660	660,0	5,47

MAIN APPLICATIONS

Very high pressure power lines

CONTINUOUS SERVICE TEMPERATURE RANGE

-40°F / +212°F

-40°C / +100°C

MAX OPERATING TEMPERATURE

(Intermittent service)

257°F 125°C

RECOMMENDED FLUIDS

Mineral oils, vegetable oils and synthetic ester based oils (up to 212°F 100°C), glycols and polyglycols, mineral oils in aqueous emulsion, water

TUBE: Oil resistant synthetic rubber

REINFORCEMENT: Four high tensile steel spirals

COVER: Environment resistant synthetic rubber

APPLICABLE SPECS.: EN 856 4SP - ISO 3862-1 4SP

NOTE / NOTES

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EN856 4SH



PRODUCT CODE	HOSE DIAMETER							
			R.O.D	O.D.	MAX. W.P.	BURST PRESSURE	MIN. BEND RADIUS	WEIGHT
	inch	mm	mm	mm	Bar	Bar	mm	kg/mt
H8564SH19	3/4"	19,0	28,4	32,2	420	1680	280,0	1,61
H8564SH25	1"	25,4	35,2	38,6	380	1520	340,0	2,00
H8564SH32	1 1/4"	31,8	41,9	45,8	350	1300	460,0	2,64
H8564SH38	1 1/2"	38,1	48,8	53,3	290	1160	560,0	3,36
H8564SH51	2"	50,8	63,2	68,1	250	1000	700,0	4,98

MAIN APPLICATIONS

Very high pressure power lines

CONTINUOUS SERVICE TEMPERATURE RANGE

-40°F / +212°F

-40°C / +100°C

MAX OPERATING TEMPERATURE

(Intermittent service)

257°F 125°C

RECOMMENDED FLUIDS

Mineral oils, vegetable oils and synthetic ester based oils (up to 212°F 100°C), glycols and polyglycols, mineral oils in aqueous emulsion, water

TUBE: Oil resistant synthetic rubber

REINFORCEMENT: Four high tensile steel spirals

COVER: Environment resistant synthetic rubber

APPLICABLE SPECS.: EN 856 4SH - ISO 3862-1 4SH

NOTE / NOTES

Due to continual product improvements, Schneder reserves the right to alter specs and prices without prior notice.

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EN856 R13



PRODUCT CODE	HOSE DIAMETER							
			R.O.D	O.D.	MAX. W.P.	BURST PRESSURE	MIN. BEND RADIUS	WEIGHT
	inch	mm	mm	mm	Bar	Bar	mm	kg/mt
H856R1319	3/4"	19,0	28,4	32,1	350	1400	240,0	1,68
H856R1325	1"	25,4	35,2	38,7	350	1400	300,0	2,24
H856R1332	1 1/4"	31,8	41,9	50,2	350	1400	420,0	3,90
H856R1338	1 1/2"	38,1	48,8	57,7	350	1400	500,0	5,07
H856R1351	2"	50,8	63,2	71,5	350	1400	630,0	7,91

MAIN APPLICATIONS

Heavy duty power lines, hydrostatic transmissions

CONTINUOUS SERVICE TEMPERATURE RANGE

-40°F / +250°F

-40°C / +121°C

MAX OPERATING TEMPERATURE

(Intermittent service)

257°F 125°C

RECOMMENDED FLUIDS

Mineral oils, vegetable oils and synthetic ester based oils, (up to 212°F 100°C), glycols and polyglycols, mineral oils in aqueous emulsion, water

TUBE: Oil resistant synthetic rubber

REINFORCEMENT: Four high tensile steel spirals (DN 19÷31).

Six high tensile steel spirals (DN 38÷51)

COVER: Environment resistant synthetic rubber, brown colour

APPLICABLE SPECS.: EN 856 R13 - SAE 100 R13 - ISO 3862-1 R13

NOTE / NOTES

Due to continual product improvements, Schneder reserves the right to alter specs and prices without prior notice.

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SAE 100 R15



PRODUCT CODE	HOSE DIAMETER							
			R.O.D	O.D.	MAX. W.P.	BURST PRESSURE	MIN. BEND RADIUS	WEIGHT
	inch	mm	mm	mm	Bar	Bar	mm	kg/mt
H100R1519	3/4"	19,0	36,1		420	1680	240,0	2,67
H100R1525	1"	25,4	42,9		420	1680	300,0	3,30
H100R1532	1 1/4"	31,8	51,5		420	1680	420,0	4,44
H100R1538	1 1/2"	38,1	59,6		420	1680	500,0	5,33
H100R1551	2"	50,8	73,5		420	1680	630,0	7,62

MAIN APPLICATIONS

Heavy duty power lines, hydrostatic transmissions, in heavy duty environmental conditions, specific installations with severe abrasion conditions, marine applications, underground and open pit mining

CONTINUOUS SERVICE TEMPERATURE RANGE

-40°F / +250°F -40°C / +121°C

MAX OPERATING TEMPERATURE

(Intermittent service) 257°F 125°C

RECOMMENDED FLUIDS

Mineral oils, vegetable oils and synthetic ester based oils (up to 212°F 100°C), glycols and polyglycols, mineral oils in aqueous emulsion, water

TUBE: Oil resistant synthetic rubber

REINFORCEMENT: Four high tensile steel spirals (DN 19÷25). Six high tensile steel spirals (DN 31÷38)

COVER: Synthetic rubber with high ozone, weather and heat resistance

APPLICABLE SPECS.: Exceed SAE 100 R15 - ISO 3862-1 R15

NOTE / NOTES

Due to continual product improvements, Schneder reserves the right to alter specs and prices without prior notice.

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SAE 100 R6



PRODUCT CODE	HOSE DIAMETER							
			R.O.D	O.D.	MAX. W.P.	BURST PRESSURE	MIN. BEND RADIUS	WEIGHT
	inch	mm	mm	mm	Bar	Bar	mm	kg/mt
H100R606	1/4"	6,4	12,7		28	110	65,0	0,15
H100R608	5/16"	7,9	14,3		28	110	75,0	0,16
H100R610	3/8"	9,5	15,9		28	110	75,0	0,18
H100R613	1/2"	12,7	19,8		28	110	100,0	0,26
H100R616	5/8"	15,9	23,0		24	97	125,0	0,29
H100R619	3/4"	19,0	26,6		21	83	150,0	0,40

MAIN APPLICATIONS

Low pressure lines, return lines, drain lines

CONTINUOUS SERVICE TEMPERATURE RANGE

-40°F / +250°F

-40°C / +121°C

RECOMMENDED FLUIDS

Mineral oils, vegetable and rape seed oils, glycol and polyglycol based oils, synthetic ester based oils, oils in aqueous emulsion, water

TUBE: Oil resistant synthetic rubber

REINFORCEMENT: One high resistance textile braid

COVER: Environment resistant synthetic rubber

APPLICABLE SPECS.: SAE 100 R6 - EN 854 R6/1TE - ISO 4079-1 R6/1TE

NOTE / NOTES

Due to continual product improvements, Schneder reserves the right to alter specs and prices without prior notice.

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AIR/WATER HOSES



PRODUCT CODE	HOSE DIAMETER							
			R.O.D	O.D.	MAX. W.P.	BURST PRESSURE	MIN. BEND RADIUS	WEIGHT
	inch	mm	mm	mm	Bar	Bar	mm	kg/mt
SBR06	1/4"	6,4	3,5		16	50	35,0	0,17
SBR08	5/16"	7,9	3,5		16	50	50,0	0,25
SBR10	3/8"	9,5	3,5		16	50	60,0	0,29
SBR13	1/2"	12,7	4,0		16	48	60,0	0,37
SBR16	5/8"	15,9	4,0		16	48	80,0	0,45
SBR19	3/4"	19,0	5,0		16	48	110,0	0,58
SBR25	1"	25,4	5,0		16	48	130,0	0,72
SBR32	1 1/4"	31,8	6,0		10	30	230,0	0,94
SBR38	1 1/2"	38,1	6,0		10	30	270,0	1,08
SBR50	2"	50,8	7,0		10	30	400,0	1,80

Tube: Black SBR

Reinforcement: High tensile textile cords

Cover: Black SBR - abrasion and ozone resistant

Use: Compressed air and water delivery

Safety factor: 3:1

Temperature: -30 °C +80 °C (-22 °F +176 °F)

NOTE / NOTES

Due to continual product improvements, Schneder reserves the right to alter specs and prices without prior notice.

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MTH1 THERMOPLASTIC



PRODUCT CODE	HOSE DIAMETER							
			R.O.D	O.D.	MAX. W.P.	BURST PRESSURE	MIN. BEND RADIUS	WEIGHT
	inch	mm	mm	mm	Bar	Bar	mm	kg/mt
MTH120000	3/16"	4,8	10,0	325	1300	650	30	0,133
MTH130000	1/4"	6,4	11,9	300	1200	600	40	0,17
MTH140000	5/16"	8,0	14,0	240	960	480	50	0,221
MTH150000	3/8"	10,0	16,0	225	900	450	60	0,26
MTH160000	1/2"	13,0	20,5	175	700	350	75	0,39
MTH170000	5/8"	16,0	23,3	150	600	300	110	0,412
MTH180000	3/4"	19,0	25,5	130	520	260	150	0,454
MTH190000	1"	25,0	32,5	105	420	210	185	0,618

Technical-constructive features:

Internal core in thermoplastic polyester, reinforcement with a high tensile steel braid, exterior covering in polyurethane; on request it is also available micro perforated for the passage of air and compatible gases.

Applications:

MTH1 series hoses have been created for oleodynamic use at high pressure.

Utilization temperature:

From -40°C to + 100°C

Max. working temperature of air, water and fluids containing water: +65°C.

Working pressure:

Safety ratio 1:4

The MTH1 series hoses are also available in twin version and, on request, multiple versions, with the same technical features as the single version.

Reference code of single hose followed by

B = 2 hoses - T = 3 hoses - Q = 4 hoses - C = 5 hoses

Example: MTH120000B = 2 hoses

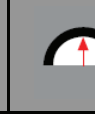
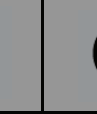
NOTE / NOTES

Due to continual product improvements, Schneder reserves the right to alter specs and prices without prior notice.

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MTH2 THERMOPLASTIC



PRODUCT CODE	HOSE DIAMETER							
			R.O.D	O.D.	MAX. W.P.	BURST PRESSURE	MIN. BEND RADIUS	WEIGHT
	inch	mm	mm	mm	Bar	Bar	mm	kg/mt
MTH230000	1/4"	6,4	13,5	375	1500	750	40	0,29
MTH240000	5/16"	8,0	15,1	310	1240	620	50	0,34
MTH250000	3/8"	10,0	17,0	300	1200	600	60	0,404
MTH260000	1/2"	13,0	22,0	250	1000	500	75	0,568
MTH270000	5/8"	16,0	24,5	190	760	380	110	0,631
MTH280000	3/4"	19,0	27,5	160	640	320	150	0,75
MTH290000	1"	25,0	35,0	150	600	300	185	1,02

Technical-constructive features:

Internal core in polyester, reinforcement with a double high tensile steel braid, and exterior covering in polyurethane; on request it is also available micro perforated for the passage of air and compatible gases.

Applications:

MTH2 series hoses have been created for oleodynamic use at high pressure.

Utilization temperature:

From -40°C to + 100°C

Max. working temperature of air, water and fluids containing water: +65°C.

Working pressure:

Safety ratio 1:4

The MTH2 series hoses are also available in twin version and, on request, multiple versions, with the same technical features as the single version.

Reference code of single hose followed by

B = 2 hoses - T = 3 hoses - Q = 4 hoses - C = 5 hoses

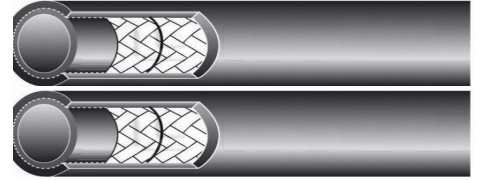
Example: MTH230000B = 2 hoses

NOTE / NOTES

Due to continual product improvements, Schneder reserves the right to alter specs and prices without prior notice.

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MTBH2 THERMOPLASTIC



PRODUCT CODE	HOSE DIAMETER							
			R.O.D	O.D.	MAX. W.P.	BURST PRESSURE	MIN. BEND RADIUS	WEIGHT
	inch	mm	mm	mm	Bar	Bar	mm	kg/mt
MTBH230000	1/4"	6,4	13,5	375	1500	750	40	0,58
MTBH240000	5/16"	8,0	15,1	310	1240	620	50	0,68
MTBH250000	3/8"	10,0	17,0	300	1200	600	60	0,808
MTBH260000	1/2"	13,0	22,0	250	1000	500	75	1,136

Technical-constructive features:

Internal core in polyester, reinforcement with a double high tensile steel braid, and exterior covering in polyurethane; on request it is also available micro perforated for the passage of air and compatible gases.

Applications:

MTBH2 series hoses have been created for oleodynamic use at high pressure.

Utilization temperature:

From -40°C to + 100°C

Max. working temperature of air, water and fluids containing water: +65°C.

Working pressure:

Safety ratio 1:4

NOTE / NOTES

Due to continual product improvements, Schneder reserves the right to alter specs and prices without prior notice.

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SAE100 R7 THERMOPLASTIC



PRODUCT CODE	HOSE DIAMETER							
			R.O.D	O.D.	MAX. W.P.	BURST PRESSURE	MIN. BEND RADIUS	WEIGHT
	Inch	mm	mm	mm	Bar	Bar	mm	kg/mt
OL730000	1/4"	6,4	12,7	210	840	420	40	0,24
OL7140000	5/16"	8,0	14,3	210	840	420	40	0,32
OL7150000	3/8"	10,0	15,9	160	640	320	40	0,345
OL7160000	1/2"	13,0	19,8	140	560	280	50	0,42

Technical-constructive features:

Internal core in thermoplastic polyester, reinforcement in polyester fiber, exterior covering in polyurethane; on request it is also available micro perforated for the passage of air and compatible gases.

Applications:

OL7 series hoses have been created for oleodynamic use at medium pressure.

Utilization temperature:

From -40°C to + 100°C

Max. working temperature of air, water and fluids containing water: +65°C

Working pressure:

As prescribed by SAE standards safety ratio 1:4

Specifications:

Hoses are in compliance with standards SAE J517 sec. SAE 100 R7, EN 855, ISO 3949.

NOTE / NOTES

The OL7 series hoses are also available in twin version and, on request, multiple versions, with the same technical features as the single version.

Reference code of single hose followed by

B = 2 hoses - T = 3 hoses - Q = 4 hoses - C = 5 hoses

Example: OL720000B = 2 hoses

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SAE100 R7 **MARINE** THERMOPLASTIC



PRODUCT CODE	HOSE DIAMETER							
			R.O.D	O.D.	MAX. W.P.	BURST PRESSURE	MIN. BEND RADIUS	WEIGHT
	inch	mm	mm	mm	Bar	Bar	mm	kg/mt
OL7M20000	3/16"	4,0	10,0	210	840	420	30	0,7
OL7M30000	1/4"	6,4	12,7	200	800	400	40	0,9

Technical-constructive features:

Internal core in thermoplastic polyester, reinforcement in polyester fiber, exterior covering in polyurethane; on request it is also available micro perforated for the passage of air and compatible gases.

Applications:

OL7M series hoses have been created for oleodynamic use at medium pressure.

Utilization temperature:

From -40°C to + 100°C

Max. working temperature of air, water and fluids containing water: +65°C

Working pressure:

As prescribed by SAE standards safety ratio 1:4

Specifications:

Hoses are in compliance with standards SAE J517 sec. SAE 100 R7, EN 855, ISO 3949.

NOTE / NOTES

The OL7M series hoses are also available in twin version and, on request, multiple versions, with the same technical features as the single version.

Reference code of single hose followed by

B = 2 hoses - T = 3 hoses - Q = 4 hoses - C = 5 hoses

Example: OL7M30000B = 2 hoses

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CERTIFICAZIONI

CERTIFICATIONS

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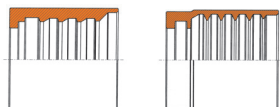




RACCORDI A PRESSIONE PER TUBI FLESSIBILI (STANDARD)

HOSE COUPLINGS (STANDARD)

PRESSARMATUREN FÜR SCHLÄUCHE (STANDARD)



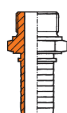
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AGN (pag. 98)



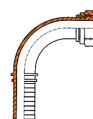
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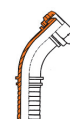
AGR F (pag. 97)



DKR (pag. 101)



DKR 90 (pag. 101)



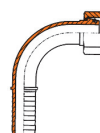
DKR 45 (pag. 101)



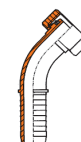
AGR (pag. 97)



DKOR (pag. 102)

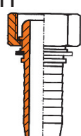


DKOR 90 (pag. 102)

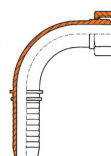


DKOR 45 (pag. 102)

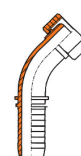
METRICO / METRIC / METRISCH



DKL/M (pag. 108)

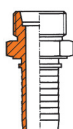


DKL/M 90 (pag. 108)



DKL/M 45 (pag. 108)

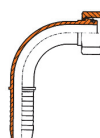
METRICO DIN 24°L / METRIC DIN 24°L / DIN 24°L METRISCH



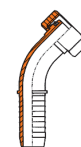
CEL (pag. 99)



DKOL (pag. 103)

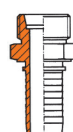


DKOL 90 (pag. 103)



DKOL 45 (pag. 103)

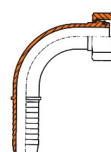
METRICO DIN 24°S / METRIC DIN 24°S / DIN 24°S METRISCH



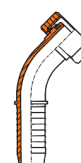
CES (pag. 99)



DKOS (pag. 104)

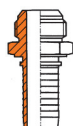


DKOS 90 (pag. 104)



DKOS 45 (pag. 104)

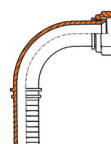
SAE JIC 37°



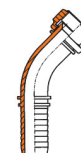
AGJ (pag. 98)



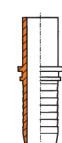
DKJ (pag. 105)



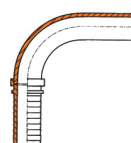
DKJ 90 (pag. 106)



DKJ 45 (pag. 106)



BEL/BES (pag. 109 - 110)



BEL/BES 90 (pag. 109 - 110)



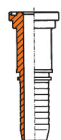
RNR/RNM (pag. 111)

RACCORDI A PRESSARE PER TUBI FLESSIBILI (STANDARD)

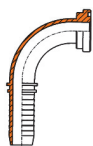
HOSE COUPLINGS (STANDARD)

PRESSARMATUREN (STANDARD)

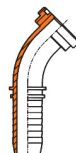
FLANGE SAE / SAE FLANGES / SAE FLANSCHANSCHLÜSSE



FL3 / FL6 (pag. 113 - 114)

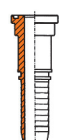


FL3 / FL6 90 (pag. 113 - 114)

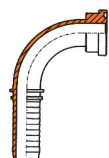


FL3 / FL6 45 (pag. 113 - 114)

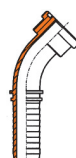
FLANGE CAT / CAT FLANGES / CAT FLANSCHANSCHLÜSSE



FLCAT (pag. 112)



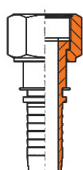
FLCAT 90 (pag. 112)



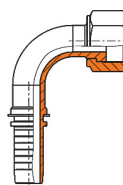
FLCAT 45 (pag. 112)



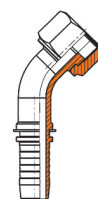
AORFS (pag. 100)



ORFS (pag. 107)



ORFS 90 (pag. 107)



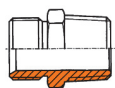
ORFS 45 (pag. 107)

COMPONENTI ADATTATORI

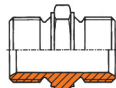
COMPONENTS ADAPTORS

KOMPONENTEN ADAPTER

Adattatori
Adapters
Adapter



F 111 (pag. 124)

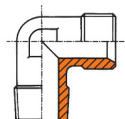


F 113 (pag. 124)

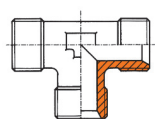


F 114 (pag. 125)

Adattatori / Adapters / Adapter



F 90 (pag. 126)



F 92 (pag. 126)



F 93 (pag. 126)



F 343 (pag. 126)



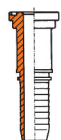
F 130 (pag. 127)

RACCORDI A PRESSARE PER TUBI FLESSIBILI (STANDARD)

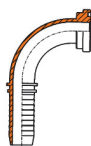
HOSE COUPLINGS (STANDARD)

PRESSARMATUREN (STANDARD)

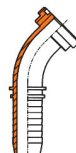
FLANGE SAE / SAE FLANGES / SAE FLANSCHANSCHLÜSSE



FL3 / FL6 (pag. 113 - 114)

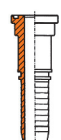


FL3 / FL6 90 (pag. 113 - 114)

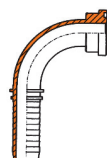


FL3 / FL6 45 (pag. 113 - 114)

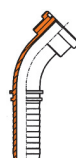
FLANGE CAT / CAT FLANGES / CAT FLANSCHANSCHLÜSSE



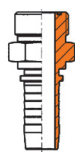
FLCAT (pag. 112)



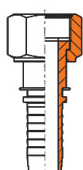
FLCAT 90 (pag. 112)



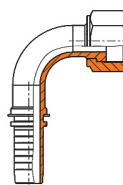
FLCAT 45 (pag. 112)



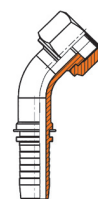
AORFS (pag. 100)



ORFS (pag. 107)



ORFS 90 (pag. 107)



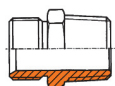
ORFS 45 (pag. 107)

COMPONENTI ADATTATORI

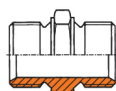
COMPONENTS ADAPTORS

KOMPONENTEN ADAPTER

Adattatori
Adapters
Adapter



F 111 (pag. 124)

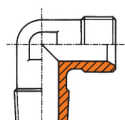


F 113 (pag. 124)

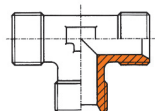


F 114 (pag. 125)

Adattatori / Adapters / Adapter



F 90 (pag. 126)



F 92 (pag. 126)



F 93 (pag. 126)



F 343 (pag. 126)

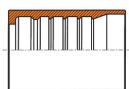


F 130 (pag. 127)

RACCORDI A PRESSARE PER TUBI FLESSIBILI (INTERLOCK)

INTERLOCK COUPLINGS

INTERLOCK PRESSARMATUREN FÜR SCHLÄUCHE



MPF 3 / MPF 4 (pag. 115)



MAGN (pag. 116)

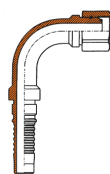
BSP



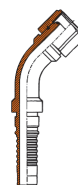
MAGR (pag. 116)



MDKOR (pag. 117)

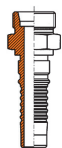


MDKOR 90 (pag. 117)



MDKOR 45 (pag. 117)

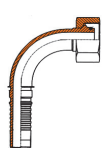
Metrico DIN 24° / Metric DIN 24° / DIN 24° Metrisch



MCES (pag. 115)



MDKOS (pag. 118)

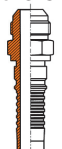


MDKOS 90 (pag. 118)



MDKOS 45 (pag. 118)

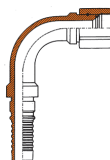
SAE - JIC 37°



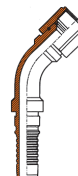
MAGJ (pag. 116)



MDKOJ (pag. 119)

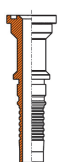


MDKOJ 90 (pag. 119)

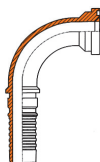


MDKOJ 45 (pag. 119)

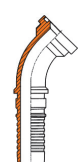
Flange SAE / SAE Flanges / SAE Flanschanschlüsse



MFL3 - MFL6 (pag. 121 - 122)



MFL3 90 - MFL6 90 (pag. 121 - 122)

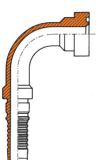


MFL3 45 - MFL6 45 (pag. 121 - 122)

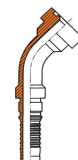
Flange CAT / CAT Flanges / CAT Flanschanschlüsse



MFLCAT (pag. 123)



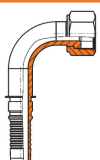
MFLCAT 90 (pag. 123)



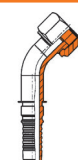
MFLCAT 45 (pag. 123)



MORFS (pag. 120)



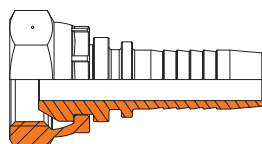
MORFS 90 (pag. 120)



MORFS 45 (pag. 120)

RACCORDI PER TUBI FLESSIBILI

La gamma LARGA dei raccordi a pressare per tubi flessibili viene prodotta in 2 serie: Standard – Interlock



STANDARD

HYDRAULIC HOSE COUPLINGS

The LARGA range of swaged hose couplings is available in two series: Standard – Interlock



INTERLOCK

ARMATUREN FÜR HYDRAULIKSCHLAUCHLEITUNGEN

Die Larga Schlaucharmaturenpalette wird in zwei Reihen hergestellt: Standard – Interlock

La scelta dei tubi (in funzione delle pressioni) determina la serie dei raccordi e le specifiche ghiera da utilizzare nella raccordatura.

The choice of hoses (mainly influenced by the operating pressures) determines couplings and ferrules to be used to make the proper assemblies.

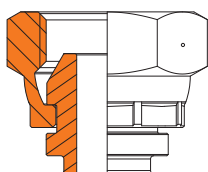
Die Auswahl der Pressarmaturen und Fassungen richtet sich nach den Betriebsdrücken der Schläuche:

TUBI Hoses Schläuche	SAE	EN	ISO	GHIERE Ferrules Preßfassungen	SERIE Serie Reihe	RACCORDI Couplings Armaturen
	SAE 100-R8	EN-855-R8		PF - 23	standard	S3
DIN 24951	SAE 100-R7	EN-855-R7		PF - 23	standard	S3
DIN 20021 2TE		EN-854-2TE	ISO4079-2TE	PF - 22	standard	S3
DIN 20022 1ST	SAE 100-R1A	EN-853-1ST	ISO1436-1 1ST	PF - 11	standard	S3
DIN 20022 1SN	SAE 100-R1AT	EN-853-1SN	ISO1436-1 1SN	PF - 22 PF - 11	standard	S3
		EN-857-1SC	ISO11237-1 1SC	PF - 23	standard	S3
DIN 20022 2ST	SAE 100-R2A	EN-853-2ST	ISO1436-1 2ST	PF - 12 PF - 13	standard	S3
DIN 20022 2SN	SAE 100-R2AT	EN-853-2SN	ISO1436-1 2SN	PF - 22 PF - 12 PF - 13	standard	S3
		EN-857-2SC	ISO11237-1 2SC	PF - 22 PF - 11	standard	S3
	SAE 100-R12	EN-856-R12	ISO3862-1 R12	PF - 12 PF - 13	standard	S3
DIN 20023 4SP		EN-856-4SP	ISO3862-1 4SP	PF - 12 PF - 13	standard	S3
DIN 20023 4SH		EN-856-4SH	ISO3862-1 4SH	MPF - 3	interlock	S8
	SAE 100-R13	EN-856-R13	ISO3862-1 R13	MPF - 3÷4	interlock	S8
	SAE 100-R15		ISO3862-1 R15	MPF - 3÷4	interlock	S8

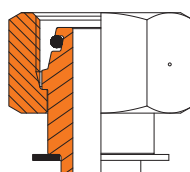
TIPOLOGIA DI DADI PER RACCORDI FEMMINA GIREVOLE

TYPE OF NUTS FOR FEMALE SWIVEL

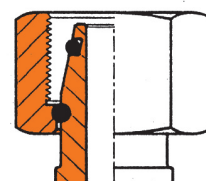
TYPOLGIE VON ÜBERWURFMUT- TERN FÜR DICHTKEGEL



Dado pressato
Crimped nut
Aufgepresste Überwurfmutter



Dado passante
Slip-on-nut
Hinterschub-Überwurfmutter



Dado con anello
Thrust-wire nut
Gestiftete Überwurfmutter

**PRESSIONI MASSIME DI
ESERCIZIO
RACCORDI PER TUBI
FLESSIBILI - STANDARD**

**MAXIMUM WORKING
PRESSURES
HYDRAULIC HOSE COUPLINGS
STANDARD**

**MAXIMALE BETRIEBSDRUCKE
ARMATUREN FÜR
HYDRAULISCH-
LAUCHLEITUNGEN - STANDARD**

RACCORDI Couplings Armaturen	DIAMETRO TUBI - Hose diameter - Schlauchdurchmesser																					
	3/16"		1/4"		5/16"		3/8"		1/2"		5/8"		3/4"		1"		1"1/4		1"1/2		2"	
	THR.	BAR	THR.	BAR	THR.	BAR	THR.	BAR	THR.	BAR	THR.	BAR	THR.	BAR	THR.	BAR	THR.	BAR	THR.	BAR	THR.	BAR
BSP 60°																						
ISO 12151-6		350		350		350		350		315		315		250		200		160		125		80
ISO 8434-6	1/8	350*	1/4	400*	3/8	400*	3/8	400*	1/2	350*	5/8	350*	3/4	315*	1"	250*	1"1/4	210*	1"1/2	185*	2"	165*
BS 5200																						
JIC 37°																						
ISO12151-5																						
ISO 8434-2	7/16	410	1/2	410	9/16	410	3/4	345	7/8	345	1"1/16	345	1"1/16	345	1"5/16	275	1"5/8	200	1"7/8	170	2"1/2	170
UNF-UN																						
ORFS																						
ISO12151-1																						
ISO 8434-3			9/16	630	11/16	630	13/16	410	1"	410	1"	410	1"3/16	410	1"7/16	410	1"11/16	275	2"	275		
UNF/UNS/UN																						
24°																						
ISO 12151-2																						
ISO 8434-1	06L	415	08L	400	10L	350	12L	330	15L	315	18L	315	22L	215	28L	165	35L	160	42L	160		
METRIC																						
24°																						
ISO 12151-2																						
ISO 8434-1	08S	630	10S	630	12S	630	14S	630	16S	420	20S	420	25S	420	30S	420	38S	315				
METRIC																						
FLANGE - FLANGES																						
ISO12151-3																						
ISO 6162-1									1/2	350			3/4	350	1"	350	1"1/4	276	1"1/2	207	2"	207
ANSI J 518 S3000																						
FLANGE - FLANGES																						
ISO12151-3																						
ISO 6162-2									1/2	414			3/4	414	1"	414	1"1/4	414	1"1/2	414	2"	414
ANSI J 518 S6000																						
ORIENTABILI																						
AD OCCHIO	1/8	200	1/4	200	3/8	200	3/8	200	1/2	200	5/8	200	3/4	200	1"	200						
BANJOS																						
RINGSTUTZEN																						
(DIN 7642)			12	200	14	200	16	200	18	200	22	200	26	200								
Tubi -																						
Hoses - Schläuche																						
EN 854 2TE																						
ISO 4079 - 2TE	80		75		68		63		58		50		45		40							
EN 853 1ST - 1SN																						
ISO 1436 - 1	250		225		215		180		160		130		105		88		63		50		40	
EN 857 1SC																						
ISO 11237 - 1			225		215		180		160		130		105		88		63					
EN 853 2ST - 2SN																						
ISO 1436 - 1	415		400		350		330		275		250		215		165		125		90		80	
EN 857 2SC																						
ISO 11237 - 1			400		350		330		275		250		215		165		125					
EN 856 4SP																						
ISO 3862 - 1 4SP			450				445		415		350		350		280		210		185		165	

* Tenuta con O-RING

* Sealing with O-RING

* Abdichtung durch O-RING

**PRESSIONI MASSIME DI
ESERCIZIO
RACCORDI PER TUBI
FLESSIBILI - INTERLOCK**

**MAXIMUM WORKING
PRESSURES
HYDRAULIC HOSE COUPLINGS
INTERLOCK**

**MAXIMALE BETRIEBSDRUCKE
ARMATUREN FÜR
HYDRAULISCH-
LAUCHLEITUNGEN - INTERLOCK**

RACCORDI Couplings Armaturen	DIAMETRO TUBI - Hose diameter - Schlauchdurchmesser									
	3/4"		1"		1 1/4"		1 1/2"		2"	
	THREAD	BAR	THREAD	BAR	THREAD	BAR	THREAD	BAR	THREAD	BAR
BSP 60° with O-RING ISO 12151-6 ISO 8434-6 BS 5200	3/4	420	1"	420	1 1/4"	420	1 1/2"	420	2"	350
JIC 37° with O-RING ISO 12151-5 ISO 8434-2 UNF-UN	1 1/16	420	1 5/16	420	1 5/8	420	1 7/8	420	2 1/2	350
ORFS ISO 12151-1 ISO 8434-3 UNF/UNS/UN	1 3/16	420	1 7/16	420	1 11/16	325	2"	290		
24° ISO 12151-2 ISO 8434-1 METRIC	25S	420	30S	420	38S	420				
FLANGE - FLANGES ISO 12151-3 ISO 6162-1 ANSI J 518 S3000	3/4	350	1"	350	1 1/4"	276	1 1/2"	207	2"	207
FLANGE - FLANGES ISO 12151-3 ISO 6162-2 ANSI J 518 S6000	3/4	414	1"	414	1 1/4"	414	1 1/2"	414	2"	414
Tubi - Hoses - Schläuche	3/4"		1"		1 1/4"		1 1/2"		2"	
EN 856 - 4SH ISO 3862-1 4SH	420		380		325		290		250	
EN 856 - R13 ISO 3862 - 1 R13	350		350		350		350		350	
SAE 100 - R15 ISO 3862 - 1 R15	420		420		420		420			

INFORMAZIONI TECNICHE

Tubi e raccordi hanno limiti nella pressione di esercizio; quest'ultima è di norma 1/4 della pressione di scoppio, fattore di sicurezza 4.

Le pressioni di esercizio sono riportate nelle norme ISO 8434 e corrispondenti.

La pressione massima applicabile su un sistema oleodinamico è la più bassa tra quelle prescritte per il tubo e per il raccordo.

L'utilizzo combinato a pressioni, temperature e raggi di curvatura ai limiti consentiti possono danneggiare il tubo compromettendo l'ancoraggio al raccordo e riducendo la durata del sistema.

I metodi di prova dei tubi flessibili raccordati sono stabiliti dalle normative dei tubi.

TECHNICAL INFORMATION

Hoses and couplings can be used in a limited range of pressures; the operating pressure is normally 1/4 of the burst pressure safety factor: 4.

The operating pressures are mentioned in the norm ISO 8434 and correspondent.

The pressure in a hydraulic system should never exceed the published working pressures for hose and coupling.

Extensive application under severe working conditions, close to the limits of allowable temperature, pressure and bend radius, can damage the hose affecting the hose-fitting junction and reducing the service life of the assembly.

The test procedures for hose assemblies are described in the norms for tubes.

TECHNISCHE INFORMATIONEN

Die Auswahl der Schläuche und der zugehörigen Armaturen sind druckbegrenzt. Hydraulikschläuche haben in der Regel einen Sicherheitsfaktor von 4, d.h. der Berstdruck beträgt das 4-fache des Betriebsdrucks. Die Druckwerte können die einschlägige Norm ISO 8434 entnommen werden.

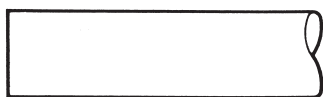
Der Systemdruck darf die für Schläuche und Armaturen angegebenen Betriebsdruckwerte nie übersteigen.

Es ist zu beachten, daß ein Dauerbetrieb unter schweren Bedingungen, wie z.B. unter hohen Pulslasten, Bewegungen der Schlauchleitung oder hohen Temperaturen, die Verbindung zwischen Schlauch und Armatur beeinträchtigen, und die Lebensdauer der Schlauchleitung verkürzen kann.

Testmethoden für Schlauchleitungen können den Normen für Schläuche entnommen werden.

ISTRUZIONI DI MONTAGGIO RACCORDI PER TUBI FLESSIBILI ASSEMBLAGGIO TUBI CON O SENZA SPELATURA ESTERNA

Tagliare il tubo alla lunghezza desiderata utilizzando l'apposita taglierina.
Tagliare i primi e gli ultimi centimetri di ogni nuovo rotolo di tubi.
Rimuovere eventuali residui di taglio dall'imboccatura del tubo.



Asportare la copertura esterna ove previsto fino al rinforzo metallico senza intaccarlo. La quota "A" è indicata dalla tabella di pressatura con una tolleranza di ± 1 mm.

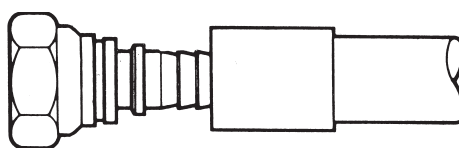
Infilare la ghiera sul tubo fino alla battuta e inserire il codolo dopo averlo lubrificato con olio idraulico.
Accertatevi che il tubo sia ben posizionato.

ASSEMBLY INSTRUCTIONS FOR HOSE COUPLINGS HOSE ASSEMBLIES WITH OR WITHOUT OUTSIDE SKIVE FITTINGS

Cut the hose to the desired length using the cutoff machine.
Cut the first and the last centimeters of every new roll of tubes.
Remove dirty particles from the end of the hose.

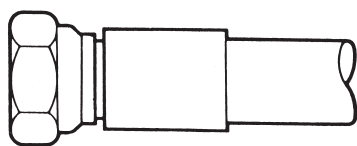
Brush down the outer cover, where expected, of the hose to the steel reinforcement without damaging it. The length "A" is reported in the swaging dimensions chart with a tolerance of ± 1 mm.

Push the ferrule onto the hose, until it bottoms. Lubricate the insert with hydraulic oil and push it into the hose.
Check that the tube is correctly placed.



Pressare alla misura indicata dalle tabelle di pressatura.
Controllare il diametro di pressatura e la riduzione del diametro del foro interno del raccordo.

Swage down properly, according to the required swaging diameters (see the swaging dimensions chart).
Check the swaging diameter and the insert bore collapse of the fitting.

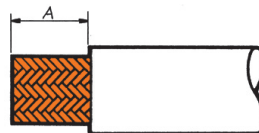


Quando si inizia una nuova matassa di tubo, controllare il diametro del tubo e del rinforzo e prestare particolare attenzione alle quote di pressatura.

When starting a new roll of tube, check the tube diameter and the reinforcement and pay attention to the swaging data.

MONTAGEANLEITUNG FÜR SCHLAUCHARMATUREN FERTIGUNG VON SCHLAUCHLEITUNGEN MIT ODER OHNE SCHÄLFASSUNGEN

Schlauch rechtwinklig abschneiden. Verwenden Sie die dazu bestimmte Schneidemaschine.
Schneiden Sie die ersten und die letzten Zentimeter jeder neuen Schlauchrolle ab.
Beseitigen Sie die Schmutzpartikel aus dem Schlauch.

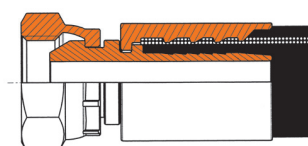
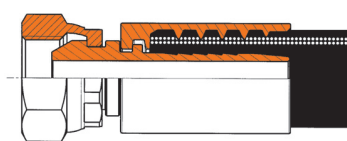


Danach wird das Obergummi, wo vorgesehen, bis auf das Drahtgeflecht des obersten Druckträgers entfernt. Die Schällänge "A" ist in der Preßmaßtabelle mit einer Toleranz von ± 1 mm angegeben.

Fassung auf das Schlauchende schieben, danach den Fuß der Pressarmatur in das Schlauchende schieben. Zur Erleichterung der Montage Nippel mit Hydrauliköl schmieren.

Achten Sie darauf dass der Schlauch sich in der richtigen Position befindet.

Pressen nach der Preßmaßtabelle. Der Pressdurchmesser und der Einfall der Innenbohrung des Nippels sind nachzuprüfen.



Wenn mit einem neuen Schlauchstrang begonnen wird, prüfen Sie den Schlauchdurchmesser und achten Sie auf die Pressmaße.

ASSEMBLAGGIO TUBI CON DOPPIA SPELATURA INTERLOCK

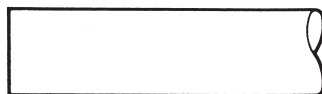
Tagliare il tubo alla lunghezza desiderata utilizzando un seghetto a denti fini o preferibilmente l'apposita taglierina. Tagliare i primi e gli ultimi centimetri di ogni nuovo rotolo di tubi. Rimuovere eventuali residui di taglio dall'imboccatura del tubo.

HOSE ASSEMBLIES USING INTERLOCK FITTINGS (INSIDE AND OUTSIDE SKIVING)

Cut the hose to the desired length using a fine toothed hacksaw or preferably the cutoff machine. Cut the first and the last centimeters of every new roll of tubes. Remove dirty particles from the end of the hose.

FERTIGUNG VON SCHLAUCHLE- ITUNGEN MIT INNEN-UND AUSSENSCHÄLFASSUNGEN

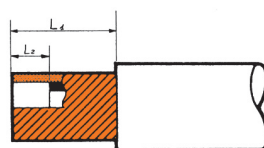
Schlauch rechtwinklig abschneiden. Verwenden Sie eine dünnverzahnte Kappsäge oder lieber die dazu bestimmte Schneidemaschine. Schneiden Sie die ersten und die letzten Zentimeter jeder neuen Schlauchrolle ab. Beseitigen Sie die Schmutzpartikel aus dem Schlauch.



Asportare la copertura sia internamente che esternamente fino al rinforzo metallico senza intaccarlo. Le quote "L1" e "L2" sono indicate dalla tabella di pressatura con una tolleranza di ± 1 mm.

Skive the hose inside to the length L1, then brush down the outer cover to the steel reinforcements without damaging it. The lengths "L1" and "L2" are reported in the swaging dimensions chart with a tolerance of ± 1 mm.

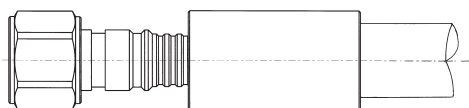
Das Obergummi wird bis auf das Drahtgeflecht des obersten Druckträgers entfernt. Danach schälen Sie die Schlauchseele nach Vorgaben. Die Schälänge "L1" und "L2" sind in der Preßmaßtabelle mit einer Toleranz von ± 1 mm angegeben.



Infilare la ghiera sul tubo fino alla battuta e inserire il codolo dopo averlo lubrificato con olio idraulico. Accertarsi che il tubo sia ben posizionato.

Push the ferrule onto the hose, until it bottoms. Lubricate the insert with hydraulic oil and push it into the hose. Check that the tube is correctly placed.

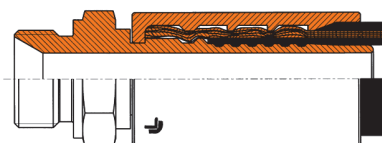
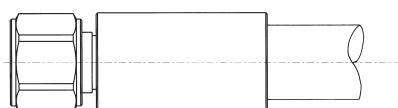
Fassung auf das Schlauchende schieben, danach den Fuß der Preßarmatur in das Schlauchende schieben. Zur Erleichterung der Montage Nippel mit Hydrauliköl schmieren. Achten Sie darauf dass der Schlauch sich in der richtigen Position befindet.



Pressare alla misura indicata dalle tabelle di pressatura. Controllare il diametro di pressatura e la riduzione del diametro del foro interno del raccordo.

Swage down properly, according to the required swaging diameters (see the swaging dimensions chart). Check the swaging diameter and the insert bore collapse of the fitting.

Pressen nach der Preßmaßtabelle. Der Pressdurchmesser und der Einfall der Innenbohrung des Nippels sind nachzuprüfen.



Quando si inizia una nuova matassa di tubo, controllare il diametro del tubo e del rinforzo e prestare particolare attenzione alle quote di pressatura.

When starting a new roll of tube, check the tube diameter and the reinforcement and pay attention to the swaging data.

Wenn mit einem neuen Schlauchstrang begonnen wird, prüfen Sie den Schlauchdurchmesser und achten Sie auf die Pressmaße.

CALCOLO LUNGHEZZE TUBI RACCORDATI

CALCULATION OF HOSE ASSEMBLIES LENGTHS

BESTIMMUNG DER LÄNGE EINER SCHLAUCHLEITUNG

RISPETTARE LE SEGUENTI REGOLE AFFINCHÈ IL TUBO RACCORDATO LAVORI IN CONDIZIONI OTTIMALI:

- La lunghezza minima del flessibile deve essere 8 volte il diametro esterno, per tubo a treccia metallica e 6 volte per tubo a treccia tessile.
- Il raggio di curvatura del flessibile sotto pressione di esercizio non deve essere inferiore a quello previsto dal costruttore.
- Installazione senza movimento (fig. 1)
 $L = 2A + \pi \cdot R$
- Installazione con movimento (fig. 2)
 $L = 2A + \pi \cdot R + B$

TO OBTAIN THE MAXIMUM EXPECTED LIFE FROM AN ASSEMBLY OBSERVE THE FOLLOWING:

- The minimum length of the assembly must be 8 times the outside diameter for wire braid hoses and 6 times for textile braid hoses.
- The bend radius of the assembly, under working pressure, must not be below the recommended by the hose manufacturer.
- Static hose intallation (fig. 1)
 $L = 2A + \pi \cdot R$
- Non static hose installation (fig. 2)
 $L = 2A + \pi \cdot R + B$

BEACHTEN SIE FOLGENDE HINWEISE UM OPTIMALE LEBENSDAUER ZU ERREICHEN:

- Die Länge eines Schlauches entspricht ca. 8 Mal dem Außendurchmesser für Stahldrahtschläuche und ca. 6 Mal für Schläuche mit Textileinlagen.
- Der Mindestbiegeradius bei maximalen Betriebsdruck muß nie der vom Hersteller angegeben unterschritten werden.
- Montage ohne Bewegung (Bild 1)
 $L = 2A + \pi \cdot R$
- Montage mit Bewegung (Bild 2)
 $L = 2A + \pi \cdot R + B$

DN	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	1"	1 1/4"	1 1/2"	2"
A mm	100	110	120	130	140	150	170	200	230	260

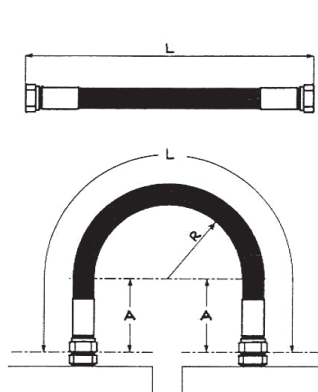


Fig. 1 / Bild 1

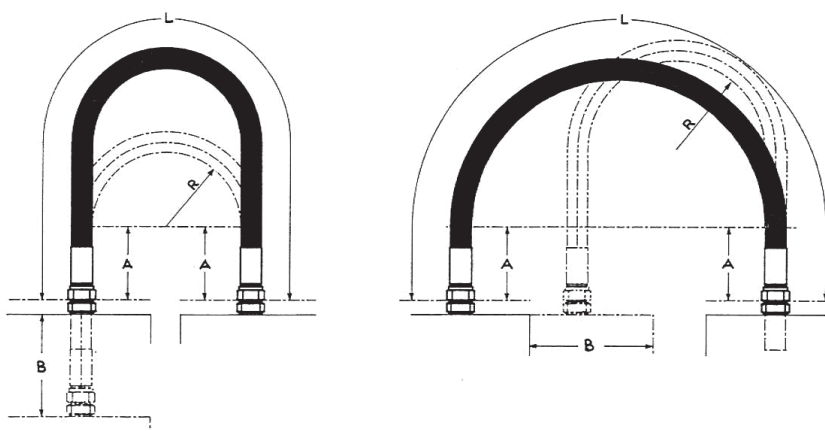


Fig. 2 / Bild 2

INSTALLAZIONE DEI TUBI RACCORDATI. RACCOMANDAZIONI ISO 8331

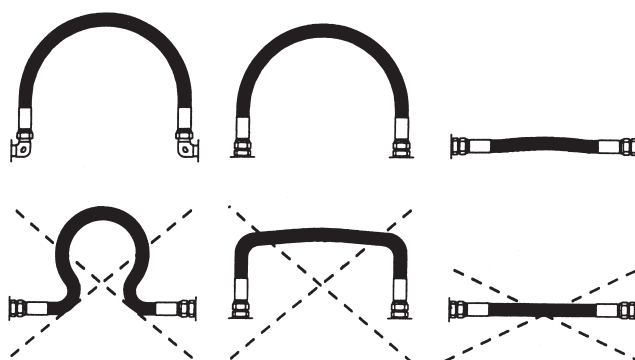
- Evitare tensioni e torsioni.
- Evitare il più possibile di piegare il tubo, prevedere dove necessario dei raccordi a gomito.
- Rispettare il raggio minimo di curvatura.
- Non complicare la posizione di montaggio.

INSTALLATION OF HOSE ASSEMBLIES. RECOMMENDATIONS ISO 8331

- Avoid tension and torsion.
- Avoid as much as possible to bend the hose, use if necessary elbow couplings.
- Do not exceed the recommended minimum bending radius.
- Do not complicate the assembly position.

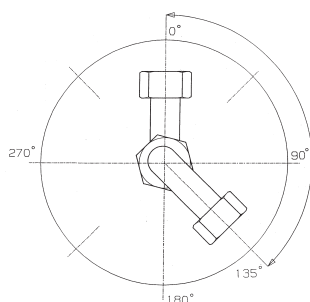
EINBAU VON SCHLAUCHLEITUNGEN ANFORDERUNGEN ISO 8331

- Zugbeanspruchung und Verdrehung vermeiden
- Schlauchleitungen nicht übermäßig krümmen - Bogenarmaturen verwenden!
- Mindestbiegeradius beachten
- Schlauchleitungen sollen möglichst ihrer natürlichen Lage gemäß eingebaut werden.



LUNGHEZZA TUBI RACCORDATI ED ORIENTAMENTO

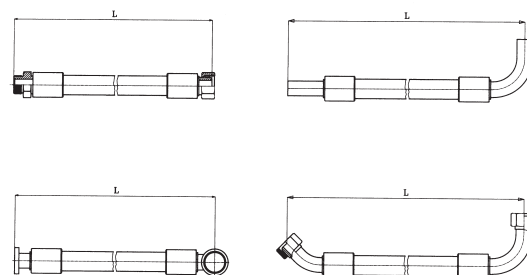
Nel caso di tubi raccordati con entrambi i raccordi a gomito o ad occhio, è possibile determinare l'angolo compreso fra gli stessi come segue: mantenendo il tubo in posizione orizzontale e partendo dall'occhio dell'osservatore, disporre il raccordo più lontano in posizione verticale, quindi rilevare l'angolo ottenuto ruotando il raccordo più vicino in senso orario.



Le lunghezze dei tubi raccordati si rilevano dall'illustrazione.

LENGTH AND ORIENTATION OF HOSE ASSEMBLIES

The angle of hose assemblies with elbow or banjo couplings on both sides can be determined as follows: look along the hose assembly, with the rear fitting away from the body, pointing upwards. Now specify the angle obtained through clockwise rotation of the nearest fitting.



The lengths of a hose assembly is defined as the distance between the sealing cones of the fittings as shown in the figure.

WINKELVERSATZ UND GESAMTLÄNGE VON SCHLAUCHLEITUNGEN MIT GEBOGENEN ARMATUREN

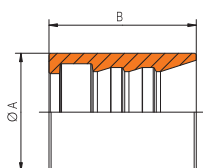
Der Winkelversatz bei Schlauchleitungen mit gebogenen Armaturen bzw. mit Ringaugenarmaturen kann wie folgt bestimmt werden: man stellt sich vor man schaut an der Schlauchleitung entlang. Dabei zeigt die hintere, vom Körper entfernte Armatur senkrecht nach oben. Die zweite Armatur wird nun im Uhrzeigersinn verdreht, d.h. der Verdrehwinkel zwischen den beiden Armaturen wird im Uhrzeigersinn gemessen.

Die Gesamtlänge einer Schlauchleitung wird zwischen den Dichtköpfen der Armaturen gemessen. Siehe die dazu obenstehende Skizze.

Ghiere a pressare Swaged Ferrules Preßfassungen

SKIVE

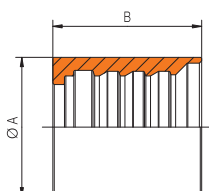
PF 11



Ghiera per tubo SAE 100 R1A/R1AT EN 853 1ST / 1SN EN 857 2SC / 1SC
Swaged ferrule for SAE 100/R1A/R1AT EN 853 1ST / 1SN EN 857 2SC hose
Preßfassung für SAE 100/R1A/R1AT EN 853 1ST / 1SN EN 857 2SC Schlauch

CODICE Part n° Bestell. nr.	DN Tubo ND Hose DN Schlauch	Ø A	B
S 30 00 220 000 005	3/16" 5	17	26
S 30 00 220 000 006	1/4" 6	20	31
S 30 00 220 000 008	5/16" 8	21	31
S 30 00 220 000 010	3/8" 10	24	31
S 30 00 220 000 013	1/2" 13	28	35
S 30 00 220 000 016	5/8" 16	31	36
S 30 00 220 000 019	3/4" 19	35	42,5
S 30 00 220 000 025	1" 25	42	50,5
S 30 00 220 000 032	1"1/4 32	52	59
S 30 00 220 000 038	1"1/2 38	58	63
S 30 00 220 000 050	2" 50	71	70

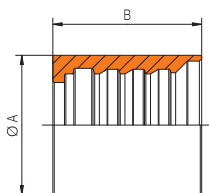
PF 12



Ghiera per tubo SAE 100 R2A / R2AT EN 853 2ST / 2SN EN 856 4SP / R12
Swaged ferrule for SAE 100 R2A / R2AT EN 853 2ST / 2SN EN 856 4SP hose
Preßfassung für SAE 100 R2A / R2AT EN 853 2ST / 2SN EN 856 4SP Schlauch

CODICE Part n° Bestell. nr.	DN Tubo ND Hose DN Schlauch	Ø A	B
S 30 00 340 000 005	3/16" 5	21	26
S 30 00 340 000 006	1/4" 6	22	30
S 30 00 340 000 008	5/16" 8	23	30
S 30 00 340 000 010	3/8" 10	26	31
S 30 00 340 000 013	1/2" 13	30	32
S 30 00 340 000 032	1"1/4 32	57	58
S 30 00 340 000 038	1"1/2 38	65	62
S 30 00 340 000 050	2" 50	79	73,5

PF 13



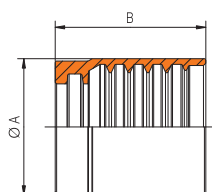
Ghiera per tubo SAE 100 R2A / R2AT EN 853 2ST / 2SN EN 856 4SP
Swaged ferrule for SAE 100 R2A / R2AT EN 853 2ST / 2SN EN 856 4SP hose
Preßfassung für SAE 100 R2A / R2AT EN 853 2ST / 2SN EN 856 4SP Schlauch

CODICE Part n° Bestell. nr.	DN Tubo ND Hose DN Schlauch	Ø A	B
S 30 00 345 000 016	5/8" 16	33	38
S 30 00 345 000 019	3/4" 19	38	42,5
S 30 00 345 000 025	1" 25	46	51

Ghiere a pressare Swaged Ferrules Preßfassungen

NO SKIVE

PF 22



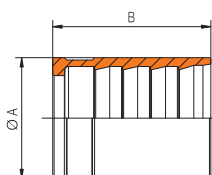
Ghiera per tubo SAE 100 R1AT-R2AT EN 853 1SN-2SN EN 857 2SC

Swaged ferrule for SAE 100 R1AT-R2AT EN 853 1SN-2SN EN 857 2SC hose

Preßfassung für SAE 100 R1AT-R2AT EN 853 1SN-2SN EN 857 2SC Schlauch

CODICE Part n° Bestell. nr.	DN Tubo ND Hose DN Schlauch	Ø A	B
S 30 00 245 000 005	3/16" 5	21	23,5
S 30 00 245 000 006	1/4" 6	23	30
S 30 00 245 000 008	5/16" 8	24	30
S 30 00 245 000 010	3/8" 10	26	31
S 30 00 245 000 013	1/2" 13	29	32
S 30 00 245 000 016	5/8" 16	33	36
S 30 00 245 000 019	3/4" 19	37	42,5
S 30 00 245 000 025	1" 25	46	51
S 30 00 245 000 032	1"1/4 32	59	57,5
S 30 00 245 000 038	1"1/2 38	67	60,5
S 30 00 245 000 050	2" 50	80	74

PF 23



Ghiera per tubo Termoplastico SAE 100 R7 R8 EN 855 R7 R8 1 Treccia acciaio e EN 857 1SC

Crimp ferrule for Thermoplastic SAE 100 R7 R8 EN 855 R7 R8 1 steel Braid and EN 857 1SC

Preßfassung für Thermoplastschlauch SAE 100 R7 R8 EN 855 R7 R8 1 Stahldrahtgeflecht und EN 857 1SC

CODICE Part n° Bestell. nr.	DN Tubo ND Hose DN Schlauch	Ø A	B
S 30 00 150 000 005	3/16" 5	14	26,5
S 30 00 150 000 006	1/4" 6	18	30,5
S 30 00 150 000 008	5/16" 8	19	32
S 30 00 150 000 010	3/8" 10	22	33
S 30 00 150 000 013	1/2" 13	26	34

Raccordi Maschi BSP

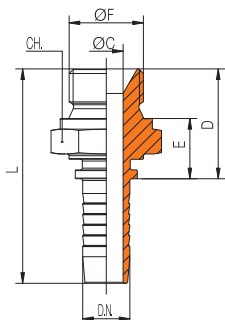
BSP Males

BSP Aussengewindenippel

AGR

Cilindrico Sede 60°
Cylindrical 60° Cone
Zylindrisch 60° Konus

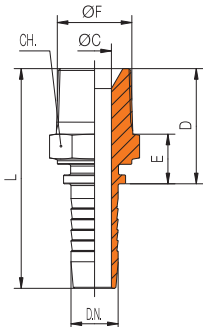
ISO 12151-6 (ISO 8434-6)



CODICE Part n° Bestell. nr.	Filetto Thread Gewinde	Ø F Ø F Ø F	DN Tubo ND Hose DN Schlauch	CH	L	Ø C	D	E
S 30 13 0 104 006 A	G 1/8"		1/4" 06	14	48,5	4	20,5	12,5
S 30 13 0 106 006	G 1/4"		1/4" 06	19	52	4	24	13
S 30 13 0 110 006 A	G 3/8"		1/4" 06	22	54	4	26	14
S 30 13 0 110 008	G 3/8"		5/16" 08	22	54	5,5	26	14
S 30 13 0 110 010	G 3/8"		3/8" 10	22	55,5	7	26	14
S 30 13 0 110 013 A	G 3/8"		1/2" 13	22	56,5	9,5	27	15
S 30 13 0 113 010	G 1/2"		3/8" 10	27	59,5	7	30	16
S 30 13 0 113 013 A	G 1/2"		1/2" 13	27	60,5	9,5	31	17
S 30 13 0 116 013 A	G 5/8"		1/2" 13	30	62,5	9,5	33	17
S 30 13 0 116 016 A	G 5/8"		5/8" 16	30	67	12,5	33	17
S 30 13 0 119 013 A	G 3/4"		1/2" 13	32	62,5	9,5	33	17
S 30 13 0 119 016 A	G 3/4"		5/8" 16	32	67	12,5	33	17
S 30 13 0 119 019 A	G 3/4"		3/4" 19	32	73,5	15	34,5	18,5
S 30 13 0 125 019 A	G 1"		3/4" 19	41	78,5	15	39,5	20,5
S 30 13 0 125 025 A	G 1"		1" 25	41	86,5	19,5	39,5	20,5
S 30 13 0 132 025 A	G 1 1/4"		1" 25	50	87,5	19,5	40,5	20,5
S 30 13 0 132 032 A	G 1 1/4"		1 1/4" 32	50	97	26	42,5	22,5
S 30 13 0 138 038 A	G 1 1/2"		1 1/2" 38	55	103,5	32	45,5	23,5
S 30 13 0 150 050 A	G 2"		2" 50	70	124,5	42	52	27

AGR K

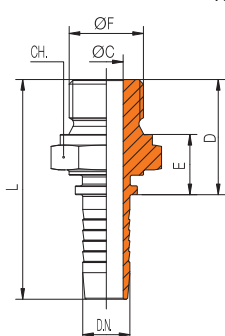
Conico
Tapered
Konisch



S 30 12 0 204 005	R 1/8"		3/16" 05	12	43	3	21	12
S 30 12 0 204 006 A	R 1/8"		1/4" 06	12	49	4	21	12
S 30 12 0 206 006	R 1/4"		1/4" 06	14	53,5	4	25,5	12
S 30 12 0 210 006 A	R 3/8"		1/4" 06	19	54	4	26	12
S 30 12 0 210 008	R 3/8"		5/16" 08	19	54	5,5	26	12
S 30 12 0 210 010	R 3/8"		3/8" 10	19	56,5	7	27	13
S 30 12 0 213 010	R 1/2"		3/8" 10	22	61	7	31,5	13
S 30 12 0 213 013 A	R 1/2"		1/2" 13	22	62	9,5	32,5	14
S 30 12 0 219 016 A	R 3/4"		5/8" 16	27	69	12,5	35	15
S 30 12 0 219 019 A	R 3/4"		3/4" 19	27	76,5	15	37,5	17,5
S 30 12 0 225 019 A	R 1"		3/4" 19	36	80,5	15	41,5	17,5
S 30 12 0 225 025 A	R 1"		1" 25	36	88,5	19,5	41,5	17,5
S 30 12 0 232 025 A	R 1 1/4"		1" 25	46	91,5	19,5	44,5	18,5
S 30 12 0 232 032 A	R 1 1/4"		1 1/4" 32	46	101	26	46,5	20,5
S 30 12 0 238 038 A	R 1 1/2"		1 1/2" 38	50	105,5	32	47,5	20,5
S 30 12 0 250 050 A	R 2"		2" 50	65	127,5	42	55	24

AGR F

Sede Piana
Flat seat
Flachdichtend



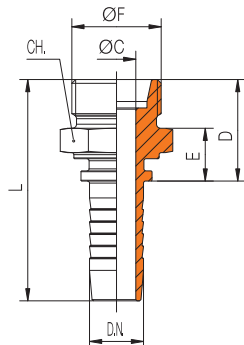
S 30 11 0 106 006	G 1/4"		1/4" 06	19	51,5	4	23,5	13
S 30 11 0 110 010	G 3/8"		3/8" 10	22	56	7	26,5	14
S 30 11 0 113 010	G 1/2"		3/8" 10	27	61	7	31,5	16
S 30 11 0 113 013 A	G 1/2"		1/2" 13	27	62	9,5	32,5	17
S 30 11 0 119 019 A	G 3/4"		3/4" 19	32	74	15	35	18,5

Articoli di basso consumo su richiesta
Slow moving articles available on request
Artikel von geringem Verbrauch (auf Anfrage)

Raccordi maschi filetto metrico sede 24°
Males 24° metric thread
Aussengewindenippel 24° metrisch Gewind

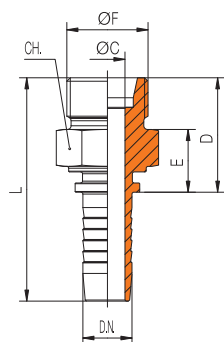
ISO 12151-2 (ISO 8434-1)

CEL Serie leggera
 Light
 Leicht



CODICE Part n° Bestell. nr.	DN 24° ND 24° DN 24°	Filetto Thread Ø F Gewinde Ø F	DN Tubo ND Hose DN Schlauch	CH	L	Ø C	D	E
S 30 14 8 906 005	06L	M 12x1,5	3/16" 05	14	43	3	21	11
S 30 14 8 906 006 A	06L	M 12x1,5	1/4" 06	14	49	4	21	11
S 30 14 8 908 006	08L	M 14x1,5	1/4" 06	17	49	4	21	11
S 30 14 8 910 006 A	10L	M 16x1,5	1/4" 06	17	50	4	22	11
S 30 14 8 910 008	10L	M 16x1,5	5/16" 08	17	50	5,5	22	11
S 30 14 8 910 010	10L	M 16x1,5	3/8" 10	17	52,5	7	23	12
S 30 14 8 912 006 A	12L	M 18x1,5	1/4" 06	19	51	4	23	12
S 30 14 8 912 008 A	12L	M 18x1,5	5/16" 08	19	51	5,5	23	12
S 30 14 8 912 010	12L	M 18x1,5	3/8" 10	19	52,5	7	23	12
S 30 14 8 915 010 A	15L	M 22x1,5	3/8" 10	24	53,5	7	24	12
S 30 14 8 915 013 A	15L	M 22x1,5	1/2" 13	24	54,5	9,5	25	13
S 30 14 8 918 013 A	18L	M 26x1,5	1/2" 13	27	55,5	9,5	26	14
S 30 14 8 918 016 A	18L	M 26x1,5	5/8" 16	27	60	12,5	26	14
S 30 14 8 922 019 A	22L	M 30x2	3/4" 19	32	68,5	15	29,5	15,5
S 30 14 8 928 025 A	28L	M 36x2	1" 25	41	77,5	19,5	30,5	16,5
S 30 14 8 935 032 A	35L	M 45x2	1"1/4 32	46	91	26	36,5	20,5
S 30 14 8 942 038 A	42L	M 52x2	1"1/2 38	55	95,5	32	37,5	21,5

CES Serie pesante
 Heavy
 Schwer

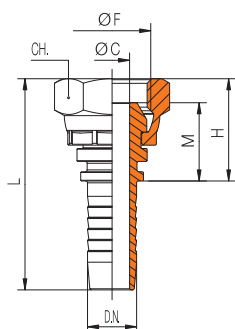


S 30 14 9 908 006 A	08S	M 16x1,5	1/4" 06	17	54	4	26	14
S 30 14 9 910 006	10S	M 18x1,5	1/4" 06	19	54	4	26	14
S 30 14 9 910 008 A	10S	M 18x1,5	5/16" 08	19	54	5,5	26	14
S 30 14 9 910 010 A	10S	M 18x1,5	3/8" 10	19	55,5	7	26	14
S 30 14 9 912 008	12S	M 20x1,5	5/16" 08	22	56	5,5	28	16
S 30 14 9 912 010	12S	M 20x1,5	3/8" 10	22	57,5	7	28	16
S 30 14 9 914 010	14S	M 22x1,5	3/8" 10	24	59,5	7	30	16
S 30 14 9 916 013 A	16S	M 24x1,5	1/2" 13	27	60,5	9,5	31	17
S 30 14 9 920 016 A	20S	M 30x2	5/8" 16	32	69	12,5	35	19
S 30 14 9 920 019 A	20S	M 30x2	3/4" 19	32	75,5	15	36,5	20,5
S 30 14 9 925 019 A	25S	M 36x2	3/4" 19	36	79,5	15	40,5	22,5
S 30 14 9 925 025 A	25S	M 36x2	1" 25	36	87,5	19,5	40,5	22,5
S 30 14 9 930 025 A	30S	M 42x2	1" 25	46	89,5	19,5	42,5	22,5
S 30 14 9 938 032 A	38S	M 52x2	1"1/4 32	55	104	26	49,5	27,5

Raccordi Femmina BSP Sede 60° BSP Females 60° Cone BSP 60° Dichtkegel

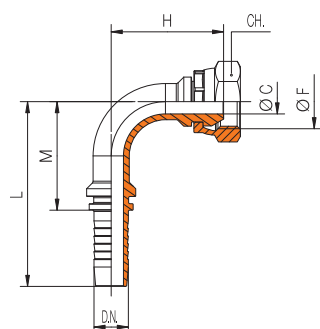
ISO 12151-6 (ISO 8434-6)

DKR



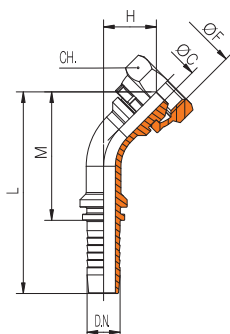
	CODICE Part n° Bestell. nr.	Filetto Thread Gewinde	Ø F Ø F Ø F	DN Tubo ND Hose DN Schlauch	CH	L	Ø C	H	M
a	S 30 41 0 104 005	G 1/8"		3/16" 05	14	41,5	3	19,5	15,5
a	S 30 41 0 104 006 A	G 1/8"		1/4" 06	14	47,5	3	19,5	15,5
b	S 30 41 0 106 005 H	G 1/4"		3/16" 05	19	42,5	3	20,5	15,5
b	S 30 41 0 106 006 H	G 1/4"		1/4" 06	19	49,5	4	21,5	16,5
a	S 30 41 0 106 008 H	G 1/4"		5/16" 08	19	50	5,5	22	16,5
b	S 30 41 0 110 006 H	G 3/8"		1/4" 06	22	53	4	25	19
b	S 30 41 0 110 008 Z	G 3/8"		5/16" 08	22	53	5,5	25	19
b	S 30 41 0 110 010 H	G 3/8"		3/8" 10	22	54,5	7	25	19
a	S 30 41 0 110 013 H	G 3/8"		1/2" 13	22	54	7	24,5	18,5
b	S 30 41 0 113 010 H	G 1/2"		3/8" 10	27	56,5	7	27	20,5
b	S 30 41 0 113 013 H	G 1/2"		1/2" 13	27	57,5	9,5	28	21,5
a	S 30 41 0 116 013 Z	G 5/8"		1/2" 13	30	59	9,5	29,5	20
a	S 30 41 0 116 016 Z	G 5/8"		5/8" 16	30	64	12,5	29,5	20
a	S 30 41 0 119 013 Z	G 3/4"		1/2" 13	32	60,5	9,5	31,5	22
a	S 30 41 0 119 016 Z	G 3/4"		5/8" 16	32	65,5	12,5	32	22,5
a	S 30 41 0 119 019 A	G 3/4"		3/4" 19	32	73	15	34	24,5
a	S 30 41 0 125 019 A	G 1"		3/4" 19	38	78,5	15	39,5	28,5
a	S 30 41 0 125 025 A	G 1"		1" 25	38	86,5	19,5	39,5	28,5

DKR 90



a	S 30 53 0 104 005	G 1/8"		3/16" 05	14	47,5	3	27,5	25,5
a	S 30 53 0 104 006 A	G 1/8"		1/4" 06	14	57	3	27,5	29
b	S 30 53 0 106 006 H	G 1/4"		1/4" 06	19	55	4	27	27
b	S 30 53 0 110 006 Z	G 3/8"		1/4" 06	22	55	4	29	27
b	S 30 53 0 110 008 Z	G 3/8"		5/16" 08	22	58	5,5	29	30
b	S 30 53 0 110 010 H	G 3/8"		3/8" 10	22	64	7	33	34,5
b	S 30 53 0 113 010 H	G 1/2"		3/8" 10	27	64	7	34	34,5
b	S 30 53 0 113 013 H	G 1/2"		1/2" 13	27	72,5	9,5	38	43
a	S 30 53 0 116 013 Z	G 5/8"		1/2" 13	30	71,5	9,5	42,5	42
a	S 30 53 0 116 016 Z	G 5/8"		5/8" 16	30	87	12,5	52,5	53
a	S 30 53 0 119 013 Z	G 3/4"		1/2" 13	32	71,5	9,5	45,5	42
a	S 30 53 0 119 016 Z	G 3/4"		5/8" 16	32	87	12,5	55	53
a	S 30 53 0 119 019 A	G 3/4"		3/4" 19	32	99	15	58	60
a	S 30 53 0 125 019 A	G 1"		3/4" 19	38	99	15	62	60
a	S 30 53 0 125 025 A	G 1"		1" 25	38	126	19,5	74	79

DKR 45



a	S 30 83 0 104 005	G 1/8"		3/16" 05	14	54	3	14	32
a	S 30 83 0 104 006 A	G 1/8"		1/4" 06	14	62,5	3	14	34,5
b	S 30 83 0 106 006 H	G 1/4"		1/4" 06	19	60,5	4	12,5	32,5
b	S 30 83 0 110 006 Z	G 3/8"		1/4" 06	22	62	4	14	34
b	S 30 83 0 110 008 A	G 3/8"		5/16" 08	22	64	5,5	14,5	36
b	S 30 83 0 110 010 H	G 3/8"		3/8" 10	22	69,5	7	16,5	40
b	S 30 83 0 113 010 A	G 1/2"		3/8" 10	27	70,5	7	17,5	41
b	S 30 83 0 113 013 H	G 1/2"		1/2" 13	27	78,5	9,5	17,5	49
a	S 30 83 0 116 013 Z	G 5/8"		1/2" 13	30	80,5	9,5	20,5	51
a	S 30 83 0 116 016 Z	G 5/8"		5/8" 16	30	96	12,5	24,5	62
a	S 30 83 0 119 013 Z	G 3/4"		1/2" 13	32	82,5	9,5	22,5	53
a	S 30 83 0 119 016 Z	G 3/4"		5/8" 16	32	97,5	12,5	26	63,5
a	S 30 83 0 119 019 A	G 3/4"		3/4" 19	32	108	15	28,5	69
a	S 30 83 0 125 019 A	G 1"		3/4" 19	38	111	15	31,5	72
a	S 30 83 0 125 025 A	G 1"		1" 25	38	137	19,5	35	90

a: dado pressato
b: dado passante

a: crimped nut
b: slip-on nut

a: aufgepresste Überwurfmutter
b: Hinterschub-Überwurfmutter

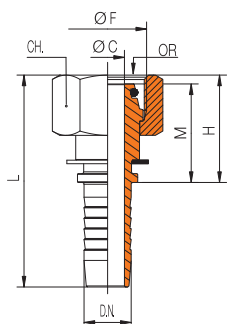
Raccordi Femmina Filetto metrico Sede 24° Serie leggera con O-Ring

Metric Females 24° Cone Light with O-Ring

Metrisch 24° Dichtkegel Leicht mit O-Ring

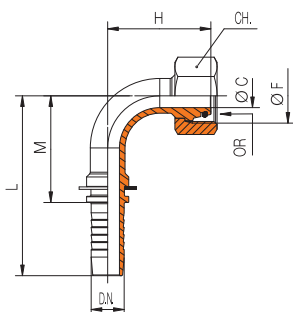
ISO 12151-2 (ISO 8434-1)

DKOL



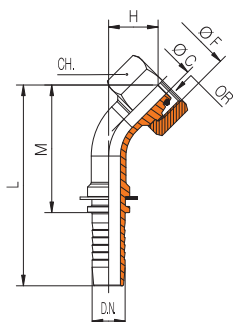
CODICE Part n° Bestell. nr.	DIN 24° ND 24° DN 24°	Filetto Thread Gewinde	Ø F ø F ø F	DN Tubo ND Hose DN Schlauch	CH	L	Ø C	H	M	OR
b S 30 41 0 806 005	06L	M 12x1,5	3/16"	05	14	47,5	3	25,5	23,5	4x1,5
a S 30 41 0 806 006 A	06L	M 12x1,5	1/4"	06	14	49,5	3	21,5	18,5	4x1,5
b S 30 41 0 808 006 A	08L	M 14x1,5	1/4"	06	17	55	4	27	24	6x1,5
b S 30 41 0 810 006 A	10L	M 16x1,5	1/4"	06	19	54	4	26	24	7,5x1,5
b S 30 41 0 810 008 A	10L	M 16x1,5	5/16"	08	19	54,5	5,5	26,5	24	7,5x1,5
a S 30 41 0 810 010 A	10L	M 16x1,5	3/8"	10	19	54	6,5	24,5	22	7,5x1,5
b S 30 41 0 812 006 A	12L	M 18x1,5	1/4"	06	22	55,5	4	27,5	25	9x1,5
b S 30 41 0 812 008 A	12L	M 18x1,5	5/16"	08	22	55,5	5,5	27,5	25	9x1,5
b S 30 41 0 812 010 A	12L	M 18x1,5	3/8"	10	22	56,5	7	27	25	9x1,5
b S 30 41 0 815 010 A	15L	M 22x1,5	3/8"	10	27	59,5	7	30	27	12x2
b S 30 41 0 815 013 A	15L	M 22x1,5	1/2"	13	27	60,5	9,5	31	28	12x2
b S 30 41 0 818 013 A	18L	M 26x1,5	1/2"	13	32	62,5	9,5	33	29,5	15x2
b S 30 41 0 818 016 A	18L	M 26x1,5	5/8"	16	32	67	12,5	33	30	15x2
b S 30 41 0 822 019 A	22L	M 30x2	3/4"	19	36	75,5	15	36,5	32	20x2
b S 30 41 0 828 025 A	28L	M 36x2	1"	25	41	85	19,5	38	34	26x2
b S 30 41 0 835 032 A	35L	M 45x2	1 1/4"	32	50	99	26	44,5	40	32x2,5
b S 30 41 0 842 038 A	42L	M 52x2	1 1/2"	38	60	102	32	44	40	38x2,5

DKOL 90



b S 30 53 0 806 005	06L	M 12x1,5	3/16"	05	14	48,5	3	29	26,5	4x1,5
a S 30 53 0 806 006 A	06L	M 12x1,5	1/4"	06	14	57	3	30,5	29	4x1,5
b S 30 53 0 808 006 A	08L	M 14x1,5	1/4"	06	17	55	4	30,5	27	6x1,5
b S 30 53 0 810 006 A	10L	M 16x1,5	1/4"	06	19	55	4	33	27	7,5x1,5
b S 30 53 0 810 008 A	10L	M 16x1,5	5/16"	08	19	58	5,5	31,5	30	7,5x1,5
a S 30 53 0 810 010 A	10L	M 16x1,5	3/8"	10	19	63	6,5	40,5	33,5	7,5x1,5
b S 30 53 0 812 008 A	12L	M 18x1,5	5/16"	08	22	58	5,5	32,5	30	9x1,5
b S 30 53 0 812 010 A	12L	M 18x1,5	3/8"	10	22	64	7	37	34,5	9x1,5
b S 30 53 0 815 013 A	15L	M 22x1,5	1/2"	13	27	72,5	9,5	41,5	43	12x2
b S 30 53 0 818 016 A	18L	M 26x1,5	5/8"	16	32	88	12,5	50,5	54	15x2
b S 30 53 0 822 019 A	22L	M 30x2	3/4"	19	36	99,5	15	54,5	60,5	20x2
b S 30 53 0 828 025 A	28L	M 36x2	1"	25	41	127	19,5	66	80	26x2
b S 30 53 0 835 032 A	35L	M 45x2	1 1/4"	32	50	151,5	26	82	97	32x2,5
b S 30 53 0 842 038 A	42L	M 52x2	1 1/2"	38	60	176,5	32	95	118,5	38x2,5

DKOL 45



b S 30 83 0 806 005	06L	M 12x1,5	3/16"	05	14	56	3	15	34	4x1,5
b S 30 83 0 808 006 A	08L	M 14x1,5	1/4"	06	17	63	4	15	35	6x1,5
b S 30 83 0 810 006 A	10L	M 16x1,5	1/4"	06	19	64,5	4	17	36,5	7,5x1,5
b S 30 83 0 810 008 A	10L	M 16x1,5	5/16"	08	19	66	5,5	16,5	38	7,5x1,5
a S 30 83 0 810 010 A	10L	M 16x1,5	3/8"	10	19	74	6,5	22	44,5	7,5x1,5
b S 30 83 0 812 010 A	12L	M 18x1,5	3/8"	10	22	72,5	7	19,5	43	9x1,5
b S 30 83 0 815 013 A	15L	M 22x1,5	1/2"	13	27	81	9,5	20	51,5	12x2
b S 30 83 0 818 016 A	18L	M 26x1,5	5/8"	16	32	96	12,5	24,5	62	15x2
b S 30 83 0 822 019 A	22L	M 30x2	3/4"	19	36	106	15	27	67	20x2
b S 30 83 0 828 025 A	28L	M 36x2	1"	25	41	132	19,5	29,5	85	26x2
b S 30 83 0 835 032 A	35L	M 45x2	1 1/4"	32	50	159	26	38,5	104,5	32x2,5
b S 30 83 0 842 038 A	42L	M 52x2	1 1/2"	38	60	181,5	32	42,5	123,5	38x2,5

a: dado pressato
b: dado passante

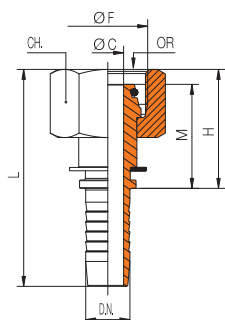
a: crimped nut
b: slip-on nut

a: aufgepresste Überwurfmutter
b: Hinterschub-Überwurfmutter

Raccordi Femmina Filetto metrico Sede 24° Serie pesante con O-Ring Metric Females 24° Cone Heavy with O-Ring Metrisch 24° Dichtkegel Schwer mit O-Ring

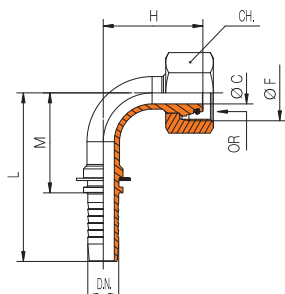
ISO 12151-2 (ISO 8434-1)

DKOS



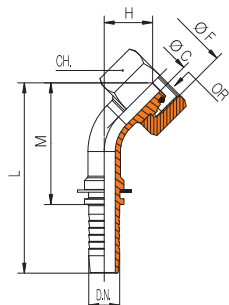
CODICE Part n° Bestell. nr.	DIN 24° ND 24° DN 24°	Filetto Thread Ø F Gewinde Ø F	DN Tubo ND Hose DN Schlauch	CH	L	Ø C	H	M	OR
b S 30 41 0 908 005	08S	M 16x1,5	3/16" 05	19	51,5	3	29,5	25,5	6x1,5
b S 30 41 0 908 006 A	08S	M 16x1,5	1/4" 06	19	57,5	4	29,5	26	6x1,5
b S 30 41 0 910 006 A	10S	M 18x1,5	1/4" 06	22	58	4	30	27	7,5x1,5
b S 30 41 0 912 008 A	12S	M 20x1,5	5/16" 08	24	58	5,5	30	27	9x1,5
b S 30 41 0 912 010 A	12S	M 20x1,5	3/8" 10	24	59,5	7	30	27	9x1,5
b S 30 41 0 914 010 A	14S	M 22x1,5	3/8" 10	27	65	7	35,5	30,5	10x2
b S 30 41 0 916 013 A	16S	M 24x1,5	1/2" 13	30	66	9,5	36,5	31,5	12x2
b S 30 41 0 920 016 A	20S	M 30x2	5/8" 16	36	76	12,5	42	37	16x2,5
b S 30 41 0 920 019 A	20S	M 30x2	3/4" 19	36	83	15	44	39	16x2,5
b S 30 41 0 925 019 A	25S	M 36x2	3/4" 19	46	87,5	15	48,5	42	20x2,5
a S 30 41 0 925 025 A	25S	M 36x2	1" 25	46	88,5	19,5	41,5	35	20x2,5
b S 30 41 0 930 025 A	30S	M 42x2	1" 25	50	99	19,5	52	45	25x2,5
b S 30 41 0 938 032 A	38S	M 52x2	1 1/4" 32	60	114,5	26	60	50	33x2,5

DKOS 90



b S 30 53 0 908 005	08S	M 16x1,5	3/16" 05	19	48,5	3	29,5	26,5	6x1,5
b S 30 53 0 908 006 A	08S	M 16x1,5	1/4" 06	19	55	4	32,5	27	6x1,5
b S 30 53 0 910 006 A	10S	M 18x1,5	1/4" 06	22	55	4	33,5	27	7,5x1,5
b S 30 53 0 912 008 A	12S	M 20x1,5	5/16" 08	24	58	5,5	34	30	9x1,5
b S 30 53 0 912 010 A	12S	M 20x1,5	3/8" 10	24	64	7	37,5	34,5	9x1,5
b S 30 53 0 914 010 A	14S	M 22x1,5	3/8" 10	27	64	7	38,5	34,5	10x2
b S 30 53 0 916 013 A	16S	M 24x1,5	1/2" 13	30	72,5	9,5	43	43	12x2
b S 30 53 0 920 016 A	20S	M 30x2	5/8" 16	36	88	12,5	55	54	16x2,5
b S 30 53 0 920 019 A	20S	M 30x2	3/4" 19	36	99,5	15	58,5	60,5	16x2,5
b S 30 53 0 925 019 A	25S	M 36x2	3/4" 19	46	99,5	15	59,5	60,5	20x2,5
a S 30 53 0 925 025 A	25S	M 36x2	1" 25	46	126	19,5	80,5	79	20x2,5
b S 30 53 0 930 025 A	30S	M 42x2	1" 25	50	127	19,5	71	80	25x2,5
b S 30 53 0 938 032 A	38S	M 52x2	1 1/4" 32	60	151,5	26	85	97	33x2,5

DKOS 45



b S 30 83 0 908 005	08S	M 16x1,5	3/16" 05	19	56,5	3	15,5	34,5	6x1,5
b S 30 83 0 908 006 A	08S	M 16x1,5	1/4" 06	19	64,5	4	16,5	36,5	6x1,5
b S 30 83 0 910 006 A	10S	M 18x1,5	1/4" 06	22	65	4	17	37	7,5x1,5
b S 30 83 0 912 008 A	12S	M 20x1,5	5/16" 08	24	67,5	5,5	18	39,5	9x1,5
b S 30 83 0 912 010 A	12S	M 20x1,5	3/8" 10	24	73	7	20	43,5	9x1,5
b S 30 83 0 914 010 A	14S	M 22x1,5	3/8" 10	27	73,5	7	20,5	44	10x2
b S 30 83 0 916 013 A	16S	M 24x1,5	1/2" 13	30	82	9,5	21	52,5	12x2
b S 30 83 0 920 016 A	20S	M 30x2	5/8" 16	36	98,5	12,5	27,5	64,5	16x2,5
b S 30 83 0 920 019 A	20S	M 30x2	3/4" 19	36	109	15	30	70	16x2,5
b S 30 83 0 925 019 A	25S	M 36x2	3/4" 19	46	109,5	15	30,5	70,5	20x2,5
a S 30 83 0 925 025 A	25S	M 36x2	1" 25	46	141,5	19,5	39,5	94,5	20x2,5
b S 30 83 0 930 025 A	30S	M 42x2	1" 25	50	135,5	19,5	33	88,5	25x2,5
b S 30 83 0 938 032 A	38S	M 52x2	1 1/4" 32	60	161,5	26	40,5	107	33x2,5

a: dado pressato
b: dado passante

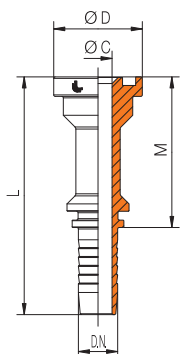
a: crimped nut
b: slip-on nut

a: aufgepresste Überwurfmutter
b: Hinterschub-Überwurfmutter

Flange SAE J 518 3000 PSI
SAE J 518 Flanges 3000 PSI
SAE J 518 Flanschanschlüsse 3000 PSI

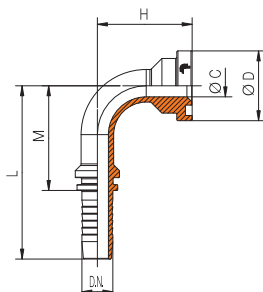
ISO 12151-3 (ISO 6162-1)

FL3



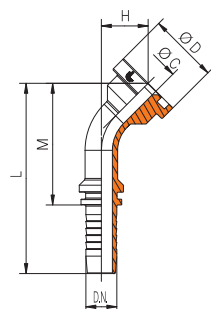
CODICE Part n° Bestell. nr.	DN FLANGIA ND Flange DN Flansch	DN Tubo ND Hose DN Schlauch	L	Ø C	H	M	Ø D
S 30 91 3 013 013 A	1/2"	1/2" 13	80,5	9,5		51	30
S 30 91 3 019 013 A	3/4"	1/2" 13	85,5	9,5		56	38
S 30 91 3 019 016 A	3/4"	5/8" 16	90	12,5		56	38
S 30 91 3 019 019 A	3/4"	3/4" 19	96,5	15		57,5	38
S 30 91 3 025 019 A	1"	3/4" 19	99,5	15		60,5	44,5
S 30 91 3 025 025 A	1"	1" 25	110,5	19,5		63,5	44,5
S 30 91 3 032 025 A	1"1/4	1" 25	113,5	19,5		66,5	50,8
S 30 91 3 032 032 A	1"1/4	1"1/4 32	125,5	26		71	50,8
S 30 91 3 038 032 A	1"1/2	1"1/4 32	128,5	26		74	60,3
S 30 91 3 038 038 A	1"1/2	1"1/2 38	135	32		77	60,3
S 30 91 3 050 038 A	2"	1"1/2 38	138	32		80	71,4
S 30 91 3 050 050 A	2"	2" 50	153	42		80,5	71,4
S 30 91 3 063 050 A	2"1/2	2" 50	156	42		83,5	84,1

FL3 90



S 30 92 3 013 013 A	1/2"	1/2" 13	71,5	9,5	43,5	42	30
S 30 92 3 019 013 A	3/4"	1/2" 13	71,5	9,5	48,5	42	38
S 30 92 3 019 016 A	3/4"	5/8" 16	87	12,5	55	53	38
S 30 92 3 019 019 A	3/4"	3/4" 19	99	15	57	60	38
S 30 92 3 025 019 A	1"	3/4" 19	99	15	60	60	44,5
S 30 92 3 025 025 A	1"	1" 25	126	19,5	67,5	79	44,5
S 30 92 3 032 025 A	1"1/4	1" 25	126	19,5	70	79	50,8
S 30 92 3 032 032 A	1"1/4	1"1/4 32	150,5	26	79	96	50,8
S 30 92 3 038 032 A	1"1/2	1"1/4 32	150,5	26	84,5	96	60,3
S 30 92 3 038 038 A	1"1/2	1"1/2 38	169	32	99	111	60,3
S 30 92 3 050 038 A	2"	1"1/2 38	175,5	32	100	117,5	71,4
S 30 92 3 050 050 A	2"	2" 50	219,5	42	115,5	147	71,4

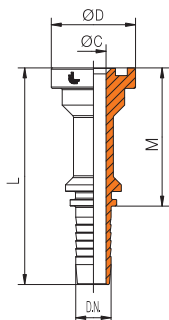
FL3 45



S 30 93 3 013 013 A	1/2"	1/2" 13	81	9,5	21	51,5	30
S 30 93 3 019 013 A	3/4"	1/2" 13	84,5	9,5	24,5	55	38
S 30 93 3 019 016 A	3/4"	5/8" 16	97,5	12,5	27,5	63,5	38
S 30 93 3 019 019 A	3/4"	3/4" 19	107,5	15	28	68,5	38
S 30 93 3 025 019 A	1"	3/4" 19	109,5	15	30	70,5	44,5
S 30 93 3 025 025 A	1"	1" 25	132	19,5	30,5	85	44,5
S 30 93 3 032 025 A	1"1/4	1" 25	134	19,5	32	87	50,8
S 30 93 3 032 032 A	1"1/4	1"1/4 32	156	26	36	101,5	50,8
S 30 93 3 038 032 A	1"1/2	1"1/4 32	160	26	40	105,5	60,3
S 30 93 3 038 038 A	1"1/2	1"1/2 38	184	32	46	126	60,3
S 30 93 3 050 038 A	2"	1"1/2 38	184	32	46	126	71,4
S 30 93 3 050 050 A	2"	2" 50	219	42	50	146,5	71,4

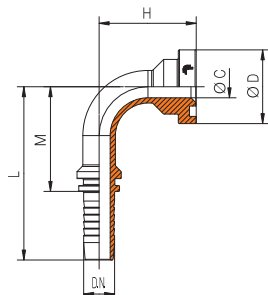
Flange SAE J 518 6000 PSI
SAE J 518 Flanges 6000 PSI
SAE J 518 Flanschanschlüsse 6000 PSI
ISO 12151-3 (ISO 6162-2)

FL6



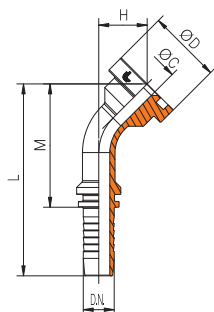
CODICE Part n° Bestell. nr.	DN FLANGIA ND Flange DN Flansch	DN Tubo ND Hose DN Schlauch	L	Ø C	H	M	Ø D
S 30 91 6 013 013 A	1/2"	1/2" 13	81,5	9,5		52	31,7
S 30 91 6 019 013 A	3/4"	1/2" 13	89,5	9,5		60	41,3
S 30 91 6 019 016 A	3/4"	5/8" 16	97	12,5		63	41,3
S 30 91 6 019 019 A	3/4"	3/4" 19	104,5	15		65,5	41,3
S 30 91 6 025 019 A	1"	3/4" 19	109	15		70	47,6
S 30 91 6 025 025 A	1"	1" 25	121,5	19,5		74,5	47,6
S 30 91 6 032 025 A	1 1/4"	1" 25	126	19,5		79	54
S 30 91 6 032 032 A	1 1/4"	1 1/4" 32	138	26		83,5	54
S 30 91 6 038 032 A	1 1/2"	1 1/4" 32	142,5	26		88	63,5
S 30 91 6 038 038 A	1 1/2"	1 1/2" 38	150,5	32		92,5	63,5
S 30 91 6 050 038 A	2"	1 1/2" 38	155	32		97	79,4
S 30 91 6 050 050 A	2"	2" 50	174	42		101,5	79,4

FL6 90



S 30 92 6 013 013 A	1/2"	1/2" 13	71,5	9,5	44,5	42	31,7
S 30 92 6 019 013 A	3/4"	1/2" 13	71,5	9,5	52,5	42	41,3
S 30 92 6 019 016 A	3/4"	5/8" 16	87	12,5	59	53	41,3
S 30 92 6 019 019 A	3/4"	3/4" 19	99	15	61	60	41,3
S 30 92 6 025 019 A	1"	3/4" 19	99	15	67	60	47,6
S 30 92 6 025 025 A	1"	1" 25	126	19,5	74,5	79	47,6
S 30 92 6 032 025 A	1 1/4"	1" 25	126	19,5	81,5	79	54
S 30 92 6 032 032 A	1 1/4"	1 1/4" 32	150,5	26	90,5	96	54
S 30 92 6 038 032 A	1 1/2"	1 1/4" 32	150,5	26	99	96	63,5
S 30 92 6 038 038 A	1 1/2"	1 1/2" 38	175,5	32	108,5	117,5	63,5
S 30 92 6 050 038 A	2"	1 1/2" 38	175,5	32	124,5	117,5	79,4
S 30 92 6 050 050 A	2"	2" 50	219,5	42	140	147	79,4

FL6 45



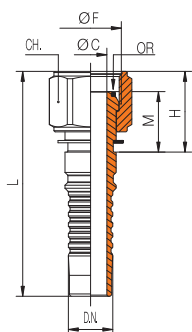
S 30 93 6 013 013 A	1/2"	1/2" 13	82	9,5	22	52,5	31,7
S 30 93 6 019 013 A	3/4"	1/2" 13	87,5	9,5	27,5	58	41,3
S 30 93 6 019 016 A	3/4"	5/8" 16	100,5	12,5	30,5	66,5	41,3
S 30 93 6 019 019 A	3/4"	3/4" 19	110	15	30,5	71	41,3
S 30 93 6 025 019 A	1"	3/4" 19	114,5	15	35	75,5	47,6
S 30 93 6 025 025 A	1"	1" 25	137	19,5	35,5	90	47,6
S 30 93 6 032 025 A	1 1/4"	1" 25	142	19,5	40,5	95	54
S 30 93 6 032 032 A	1 1/4"	1 1/4" 32	164	26	44	109,5	54
S 30 93 6 038 032 A	1 1/2"	1 1/4" 32	170	26	50,5	115,5	63,5
S 30 93 6 038 038 A	1 1/2"	1 1/2" 38	190	32	52	132	63,5
S 30 93 6 050 038 A	2"	1 1/2" 38	201	32	63,5	143	79,4
S 30 93 6 050 050 A	2"	2" 50	236	42	67,5	163,5	79,4

Articoli di basso consumo su richiesta
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 Artikel von geringem Verbrauch (auf Anfrage)

Raccordi Femmina BSP sede 60° con O-Ring per Tubi: DIN 20023-4SH EN 856-4SH SAE 100R13 EN 856-R13 SAE 100R15
 BSP Females 60° Cone with O-Ring for Hoses: DIN 20023-4SH EN 856-4SH SAE 100R13 EN 856-R13 SAE 100R15
 BSP 60° Dichtkegel mit O-Ring für Schläuche: DIN 20023-4SH EN 856-4SH SAE 100R13 EN 856-R13 SAE 100R15

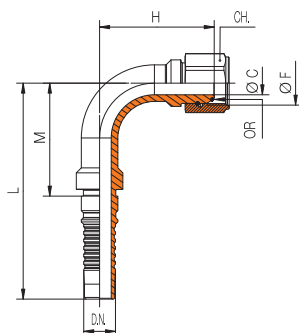
ISO 12151-6 (ISO 8434-6)

MDKOR



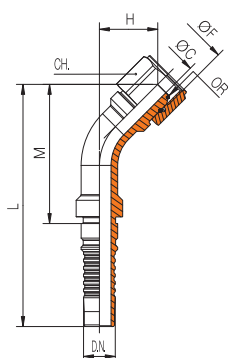
CODICE Part n° Bestell. nr.	Filetto Thread Gewinde	Ø F Ø F Ø F	DN Tubo ND Hose DN Schlauch	CH	L	Ø C	H	M	OR
b S 80 41 0 119 019	G 3/4"		3/4" 19	32	96,5	14	34,5	26	17,1x1,6
b S 80 41 0 125 025	G 1"		1" 25	41	113	19	39	28,5	22,1x1,6
b S 80 41 0 132 032	G 1 1/4"		1 1/4" 32	50	126	25	46	36	29,1x1,6
b S 80 41 0 138 038	G 1 1/2"		1 1/2" 38	55	146	31	54,5	42	35,1x1,6
c S 80 41 0 150 050	G 2"		2" 50	70	163	42	59	43	48,1x1,6

MDKOR 90



c S 80 53 0 119 019	G 3/4"		3/4" 19	32	127,5	14	68,5	65,5	17,1x1,6
c S 80 53 0 125 025	G 1"		1" 25	41	158	19	82	84	22,1x1,6
c S 80 53 0 132 032	G 1 1/4"		1 1/4" 32	50	182	25	106,5	102	29,1x1,6
c S 80 53 0 138 038	G 1 1/2"		1 1/2" 38	60	215,5	31	123,5	124	35,1x1,6
c S 80 53 0 150 050	G 2"		2" 50	70	248	41	144,5	144	48,1x1,6

MDKOR 45



c S 80 83 0 119 019	G 3/4"		3/4" 19	32	140	14	34,5	78	17,1x1,6
c S 80 83 0 125 025	G 1"		1" 25	41	169,5	19	39	95,5	22,1x1,6
c S 80 83 0 132 032	G 1 1/4"		1 1/4" 32	50	201	25	51,5	121	29,1x1,6
c S 80 83 0 138 038	G 1 1/2"		1 1/2" 38	60	235	31	60	143,5	35,1x1,6
c S 80 83 0 150 050	G 2"		2" 50	70	279	41	68,5	175	48,1x1,6

b: dado passante
 c: dado con anello

b: slip-on nut
 c: thrust-wire nut

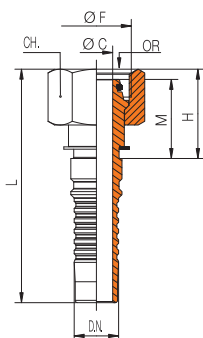
b: Hinterschub-Überwurfmutter
 c: gestiftete Überwurfmutter

Articoli di basso consumo su richiesta
 Slow moving articles available on request
 Artikel von geringem Verbrauch (auf Anfrage)

Raccordi Femmina Filetto metrico Sede 24° con O-Ring per tubi: DIN 20023-4SH EN 856-4SH SAE 100R13 EN 856-R13 SAE 100R15
Metric Females 24° Cone with O-Ring for Hoses: DIN 20023-4SH EN 856-4SH SAE 100R13 EN 856-R13 SAE 100R15
Metrisch 24° Dichtkegel mit O-Ring für Schläuche: DIN 20023-4SH EN 856-4SH SAE 100R13 EN 856-R13 SAE 100R15

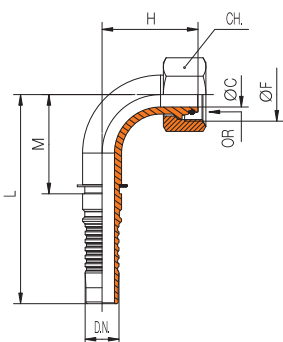
ISO 12151-2 (ISO 8434-1)

MDKOS



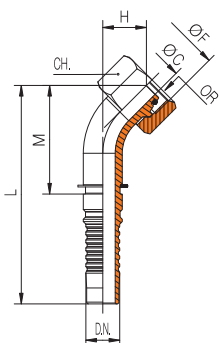
	CODICE Part n° Bestell. nr.	DN ND DN	Filetto Thread Gewinde	Ø F ø F ø F	DN Tubo ND Hose DN Schlauch	CH	L	Ø C	H	M	OR
b	S 80 41 0 920 019	20S	M 30x2	3/4"	19	36	102	14	40	34	16x2,5
b	S 80 41 0 925 019	25S	M 36x2	3/4"	19	46	105,5	14	43,5	37	20x2,5
b	S 80 41 0 930 025	30S	M 42x2	1"	25	50	120	19	46	39	25x2,5
b	S 80 41 0 938 032	38S	M 52x2	1 1/4"	32	60	134,5	25	54,5	44,5	33x2,5

MDKOS 90



b	S 80 53 0 920 019	20S	M 30x2	3/4"	19	36	125,5	14	57,5	63,5	16x2,5
b	S 80 53 0 925 019	25S	M 36x2	3/4"	19	46	125,5	14	62	63,5	20x2,5
b	S 80 53 0 930 025	30S	M 42x2	1"	25	50	157,5	19	72,5	83,5	25x2,5
b	S 80 53 0 938 032	38S	M 52x2	1 1/4"	32	60	182	25	91	102	33x2,5

MDKOS 45



b	S 80 83 0 920 019	20S	M 30x2	3/4"	19	36	133	14	27	71	16x2,5
b	S 80 83 0 925 019	25S	M 36x2	3/4"	19	46	136	14	30	74	20x2,5
b	S 80 83 0 930 025	30S	M 42x2	1"	25	50	164	19	34,5	90	25x2,5
b	S 80 83 0 938 032	38S	M 52x2	1 1/4"	32	60	192,5	25	41	112,5	33x2,5

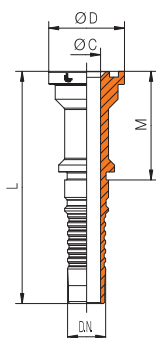
b: dado passante

b: slip-on nut

b: Hinterschub-Überwurfmutter

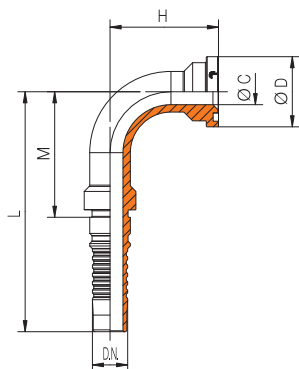
Flange 3000 PSI per Tubi: DIN 20023-4SH EN 856-4SH SAE 100R13 EN 856-R13 SAE 100R15
Flanges 3000 PSI for Hoses: DIN 20023-4SH EN 856-4SH SAE 100R13 EN 856-R13 SAE 100R15
Flanschanschlüsse 3000 PSI für Schläuche: DIN 20023-4SH EN 856-4SH SAE 100R13 EN 856-R13 SAE 100R15
SAE J 518 / ISO 12151-3 (ISO 6162-1)

MFL3



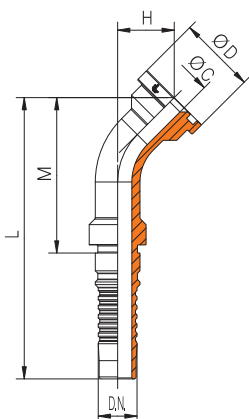
CODICE Part n° Bestell. nr.	DN FLANGIA ND Flange DN Flansch	DN Tubo ND Hose DN Schlauch	L	Ø C	M	Ø D	H
S 80 91 3 019 019	3/4"	3/4" 19	116,5	14	54,5	38	
S 80 91 3 025 019	1"	3/4" 19	119,5	14	57,5	44,5	
S 80 91 3 025 025	1"	1" 25	135,5	19	61,5	44,5	
S 80 91 3 032 025	1"1/4	1" 25	138,5	19	64,5	50,8	
S 80 91 3 032 032	1"1/4	1" 1/4 32	148,5	25	68,5	50,8	
S 80 91 3 038 032	1"1/2	1" 1/4 32	151,5	25	71,5	60,3	
S 80 91 3 038 038	1"1/2	1" 1/2 38	166,5	31	75	60,3	
S 80 91 3 050 038	2"	1" 1/2 38	169,5	31	78	71,4	
S 80 91 3 050 050	2"	2" 50	183,5	42	79,5	71,4	

MFL3 90



S 80 92 3 019 019	3/4"	3/4" 19	127,5	14	65,5	38	58
S 80 92 3 025 019	1"	3/4" 19	127,5	14	65,5	44,5	61
S 80 92 3 025 025	1"	1" 25	158	19	84	44,5	67
S 80 92 3 032 025	1"1/4	1" 25	158	19	84	50,8	69,5
S 80 92 3 032 032	1"1/4	1" 1/4 32	180,5	25	100,5	50,8	79,5
S 80 92 3 038 032	1"1/2	1" 1/4 32	182	25	102	60,3	87
S 80 92 3 038 038	1"1/2	1" 1/2 38	208,5	31	117	60,3	99
S 80 92 3 050 038	2"	1" 1/2 38	218	31	126,5	71,4	104
S 80 92 3 050 050	2"	2" 50	248,5	41	144,5	71,4	122,5

MFL3 45

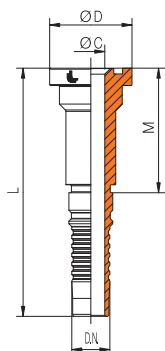


S 80 93 3 019 019	3/4"	3/4" 19	132,5	14	70,5	38	27,5
S 80 93 3 025 019	1"	3/4" 19	134,5	14	72,5	44,5	29,5
S 80 93 3 025 025	1"	1" 25	159	19	85	44,5	28,5
S 80 93 3 032 025	1"1/4	1" 25	161	19	87	50,8	30,5
S 80 93 3 032 032	1"1/4	1" 1/4 32	181,5	25	101,5	50,8	34,5
S 80 93 3 038 032	1"1/2	1" 1/4 32	187	25	107	60,3	37,5
S 80 93 3 038 038	1"1/2	1" 1/2 38	212,5	31	121	60,3	41,5
S 80 93 3 050 038	2"	1" 1/2 38	233,4	31	142	71,4	58,5
S 80 93 3 050 050	2"	2" 50	261,5	41	157,5	71,4	58,5

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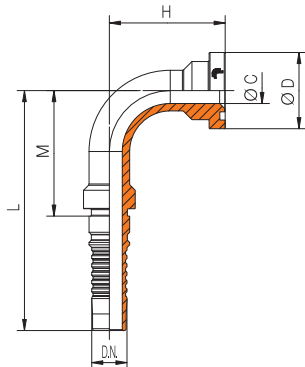
Flange 6000 PSI per Tubi: DIN 20023-4SH EN 856-4SH SAE 100R13 EN 856-R13 SAE 100R15
 6000 PSI for Hoses: DIN 20023-4SH EN 856-4SH SAE 100R13 EN 856-R13 SAE 100R15
 Flanschanschlüsse 6000 PSI für Schläuche: DIN 20023-4SH EN 856-4SH SAE 100R13 EN 856-R13 SAE 100R15
SAE J 518 / ISO 12151-3 (ISO 6162-2)

MFL6



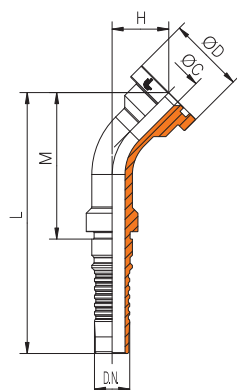
CODICE Part n° Bestell. nr.	DN FLANGIA ND Flange DN Flansch	DN Tubo ND Hose DN Schlauch	L	Ø C	M	Ø D	H
S 80 91 6 019 019	3/4"	3/4" 19	124,5	14	62,5	41,3	
S 80 91 6 025 019	1"	3/4" 19	129	14	67	47,6	
S 80 91 6 025 025	1"	1" 25	146,5	19	72,5	47,6	
S 80 91 6 032 025	1"1/4	1" 25	151	19	77	54	
S 80 91 6 032 032	1"1/4	1" 1/4 32	162,5	25	82,5	54	
S 80 91 6 038 032	1"1/2	1" 1/4 32	167	25	87	63,5	
S 80 91 6 038 038	1"1/2	1" 1/2 38	183,5	31	92	63,5	
S 80 91 6 050 038	2"	1" 1/2 38	188	31	96,5	79,4	
S 80 91 6 050 050	2"	2" 50	202	42	98	79,4	

MFL6 90



S 80 92 6 019 019	3/4"	3/4" 19	127,5	14	65,5	41,3	62
S 80 92 6 025 019	1"	3/4" 19	127,5	14	65,5	47,6	68
S 80 92 6 025 025	1"	1" 25	158	19	84	47,6	74
S 80 92 6 032 025	1"1/4	1" 25	156	19	82	54	83,5
S 80 92 6 032 032	1"1/4	1" 1/4 32	182	25	102	54	93
S 80 92 6 038 032	1"1/2	1" 1/4 32	182	25	102	63,5	101,5
S 80 92 6 038 038	1"1/2	1" 1/2 38	213,5	31	122	63,5	110
S 80 92 6 050 038	2"	1" 1/2 38	215,5	31	124	79,4	126
S 80 92 6 050 050	2"	2" 50	250,5	41	146,5	79,4	141

MFL6 45



S 80 93 6 019 019	3/4"	3/4" 19	135,5	14	73,5	41,3	30
S 80 93 6 025 019	1"	3/4" 19	139,5	14	77,5	47,6	34,5
S 80 93 6 025 025	1"	1" 25	164	19	90	47,6	33,5
S 80 93 6 032 025	1"1/4	1" 25	169	19	95	54	38,5
S 80 93 6 032 032	1"1/4	1" 1/4 32	191	25	111	54	41,5
S 80 93 6 038 032	1"1/2	1" 1/4 32	197	25	117	63,5	47,5
S 80 93 6 038 038	1"1/2	1" 1/2 38	222	31	130,5	63,5	49
S 80 93 6 050 038	2"	1" 1/2 38	236	31	144,5	79,4	61
S 80 93 6 050 050	2"	2" 50	275	41	171	79,4	64,5

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Orhanlı Mah. Demokrasi Cad. No:105
Tuzla - İSTANBUL / TURKEY
Tel : +90 444 65 45 (Pbx) Fax : +90 216 394 46 47
info@hidropaks.com.tr www.hidropaks.com.tr