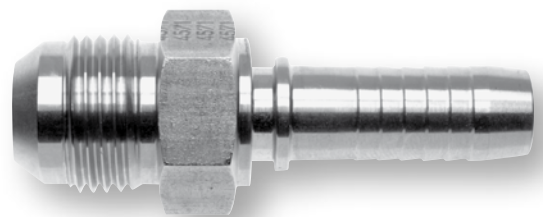


Schlaucharmatur

Hose Coupling

Armadura para
tubos

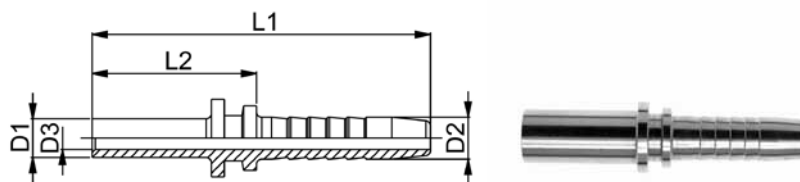


Übersicht

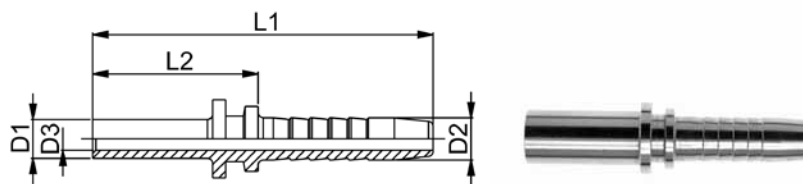
Overview

Resumen

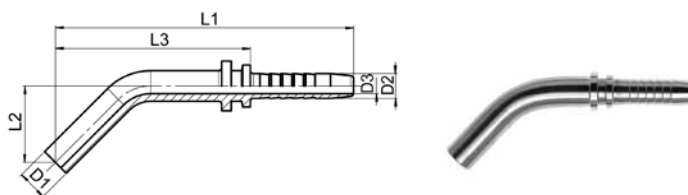
Seite/Page/Página	Seite/Page/Página	Seite/Page/Página
50.2-50.3 Rohrstutzen, gerade Pipe connectors, straight Espiga lisa recta 	50.20-50.21 Außengewinde-Nippel Male nipples Boquilla macho 	50.29-50.30 JIC-Nippel, 45°/90° Bogen JIC-Nipples, 45°/90° elbow Boquilla JIC, a 45°/90° 
EBEL/EBES	ECEL/ECES	EDKJ 45°/90°
50.4-50.7 Rohrstutzen, 45°/90° Bogen Pipe connectors, 45°/90° elbow Espiga lisa a 45°/90° 	50.22 Außengewinde-Nippel Male nipples Boquilla macho 	50.31 Gerader Adapter Straight adaptors Adaptador recto 
EBEL/EBES 45°/90°	EAGR	EA
50.8 Universal-Dichtkegel, gerade Universal tapered nipples, straight Boquilla hembra giratoria métrica recta 	50.23 Außengewinde-Nippel Male adaptor Boquilla macho 	50.32 Gerader Reduzieradapter Straight reducing adaptors Adaptador de reducción recto 
EDKL	EAGF	EAR
50.9-50.10 Universal-Dichtkegel, 45°/90° Bogen Universal tapered nipples, 45°/90° elbow Boquilla hembra giratoria métrica a 45°/90° 	50.24 Außengewinde-Nippel Male adaptor Boquilla macho 	50.33 Schnellverschluß-Kupplungen Quick couplings Acoplamientos de cierre rápido 
EDKL 45°/90°	EAGK	EKM-EKS
50.11 Dichtkegel, gerade Tapered nipples, straight Boquilla hembra giratoria recta 	50.25 Außengewinde-Nippel Male nipples Boquilla macho 	50.34-50.35 Preßfassungen Ferrules Casquillo para presar 
EDKR	EAGN	EF
50.12-50.13 Dichtkegel, 45°/90° Bogen Tapered nipples, 45°/90° elbow Boquilla hembra giratoria a 45°/90° 	50.26 Außengewinde-Nippel Male adaptor Boquilla macho 	50.36 Schlauch-Adapter Hose adaptor Adaptador para tubos flexibles 
EDKR 45°/90°	EAGNF	ESA
50.14-50.15 Dichtkegel, gerade Tapered nipples, straight Boquilla hembra giratoria recta 	50.27 Außengewinde-Nippel Male nipples Boquilla macho 	50.36 Schlauch-Überwurfmutter Hose nut Tuercas de unión para tubos flexibles 
EDKOL/EDKOS	EAGJ	SÜM
50.16-50.19 Dichtkegel mit O-Ring, 45°/90° Bogen Tapered nipples with o-ring, 45°/90° elbow Boquilla hembra giratoria con junta tórica a 45°/90° 	50.28 JIC-Nippel, gerade JIC-Nipples, straight Boquilla JIC recta 	
EDKOL/EDKOS 45°/90°	EDKJ	

Rohrstutzen, gerade
Pipe connectors, straight
Espiga lisa recta
EBEL


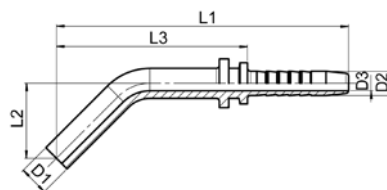
Type -D1	Mat.-Nr.	D2	D3	L1	L2	g/Stk
EBEL-06L DN06	726.1005.106	6.5	3.5	52.5	25.5	5
EBEL-08L DN06	726.1005.108	6.5	4.0	53.5	26.5	10
EBEL-08L DN08	726.1005.208	8.0	5.0	53.5	26.5	10
EBEL-08L DN10	726.1005.308	9.5	5.5	58.0	28.0	15
EBEL-10L DN08	726.1005.210	8.0	5.0	54.5	27.5	15
EBEL-10L DN10	726.1005.310	9.5	7.0	59.0	29.0	20
EBEL-12L DN10	726.1005.312	9.5	7.0	59.0	29.0	20
EBEL-12L DN12	726.1005.412	13.0	9.0	61.0	29.0	30
EBEL-15L DN10	726.1005.315	9.5	7.0	60.0	30.0	30
EBEL-15L DN12	726.1005.415	13.0	9.5	62.0	30.0	40
EBEL-18L DN12	726.1005.418	13.0	9.5	62.0	30.0	40
EBEL-18L DN16	726.1005.518	16.0	12.0	65.0	31.0	55
EBEL-18L DN19	726.1005.618	19.0	13.0	70.5	31.5	65
EBEL-22L DN16	726.1005.522	16.0	12.0	66.0	32.0	70
EBEL-22L DN19	726.1005.622	19.0	15.0	71.5	32.5	80
EBEL-28L DN25	726.1005.725	25.5	21.0	83.0	35.0	130
EBEL-35L DN31	726.1005.835	32.0	27.0	96.5	41.0	215
EBEL-42L DN38	726.1005.942	38.5	33.0	99.5	42.0	295

Rohrstutzen, gerade
Pipe connectors, straight
Espiga lisa recta
EBES


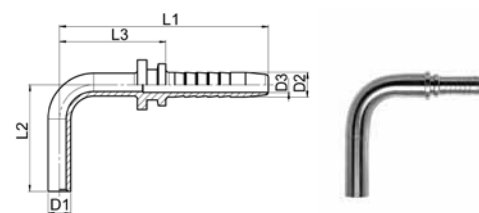
Type -D1	Mat.-Nr.	D2	D3	L1	L2	g/Stk
EBES-10S DN06	726.1015.110	6.5	4.0	56.0	29.0	15
EBES-12S DN06	726.1015.112	6.5	4.0	57.0	30.0	15
EBES-12S DN08	726.1015.212	8.0	5.0	57.0	30.0	20
EBES-14S DN10	726.1015.314	9.5	7.0	63.0	33.0	30
EBES-14S DN12	726.1015.414	13.0	9.5	65.0	33.0	40
EBES-16S DN12	726.1015.416	13.0	9.5	65.0	33.0	40
EBES-20S DN12	726.1015.420	13.0	9.5	69.0	37.0	55
EBES-20S DN16	726.1015.520	16.0	12.0	71.0	37.0	55
EBES-20S DN19	726.1015.620	19.0	15.0	77.0	38.0	75
EBES-25S DN19	726.1015.625	19.0	15.0	80.5	41.5	100
EBES-25S DN25	726.1015.725	25.5	18.0	90.5	42.5	140
EBES-30S DN25	726.1015.730	25.5	21.0	92.0	44.0	155
EBES-38S DN31	726.1015.838	32.0	27.0	104.5	50.0	295

Rohrstutzen, 45° Bogen
Pipe connectors, 45° elbow
Espiga lisa a 45°

EBEL-45°

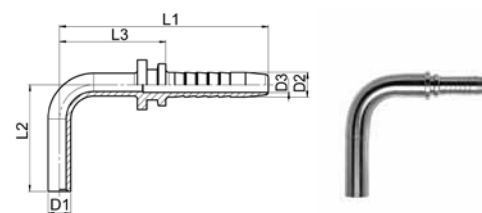
Type-D1	Mat.-Nr.	D2	D3	L1	L2	L3	g/Stk
EBEL-06L DN06-45°	726.1025.106	6.5	3.5	82.5	30.0	55.5	15
EBEL-08L DN06-45°	726.1025.108	6.5	4.0	86.5	30.5	59.5	20
EBEL-08L DN08-45°	726.1025.208	8.0	5.0	92.0	35.5	65.0	27
EBEL-08L DN10-45°	726.1025.308	9.5	5.5	92.0	33.5	60.0	30
EBEL-10L DN08-45°	726.1025.210	8.0	5.0	90.0	31.5	63.0	30
EBEL-10L DN10-45°	726.1025.310	9.5	7.0	90.0	33.0	60.0	35
EBEL-12L DN10-45°	726.1025.312	9.5	7.0	97.0	34.5	67.0	40
EBEL-12L DN12-45°	726.1025.412	13.0	9.0	99.5	33.5	68.0	55
EBEL-15L DN10-45°	726.1025.315	9.5	7.0	104.0	37.0	74.0	70
EBEL-15L DN12-45°	726.1025.415	13.0	9.5	110.0	45.0	78.0	76
EBEL-18L DN12-45°	726.1025.418	13.0	9.5	125.0	48.0	93.0	125
EBEL-18L DN16-45°	726.1025.518	16.0	12.0	127.0	45.0	93.0	148
EBEL-18L DN19-45°	726.1025.618	19.0	13.0	136.0	52.0	97.0	151
EBEL-22L DN16-45°	726.1025.522	16.0	12.0	134.0	50.0	100.0	214
EBEL-22L DN19-45°	726.1025.622	19.0	15.0	142.0	55.0	103.0	229
EBEL-28L DN25-45°	726.1025.725	25.5	21.0	177.0	61.0	129.0	356
EBEL-35L DN31-45°	726.1025.835	32.0	27.0	238.0	64.0	182.5	735
EBEL-42L DN38-45°	726.1025.942	38.5	33.0	256.0	67.0	198.5	1070

Rohrstutzen, 45° Bogen
Pipe connectors, 45° elbow
Espiga lisa a 45°

EBES-45°

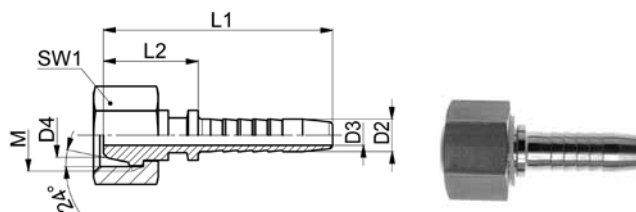
Type -D1	Mat.-Nr.	D2	D3	L1	L2	L3	g/Stk
EBES-10S DN06-45°	726.1035.110	6.5	4.0	90.0	30.5	63.0	32
EBES-12S DN06-45°	726.1035.112	6.5	4.0	92.0	31.0	65.0	46
EBES-12S DN08-45°	726.1035.212	8.0	5.0	96.0	33.0	69.0	50
EBES-14S DN10-45°	726.1035.314	9.5	7.0	103.0	52.0	77.0	67
EBES-14S DN12-45°	726.1035.414	13.0	9.5	116.0	36.0	84.0	77
EBES-16S DN12-45°	726.1035.416	13.0	9.5	124.0	48.0	92.0	104
EBES-20S DN12-45°	726.1035.420	13.0	9.5	135.0	48.0	103.0	150
EBES-20S DN16-45°	726.1035.520	16.0	12.0	135.0	50.0	101.0	160
EBES-20S DN19-45°	726.1035.620	19.0	15.0	140.0	52.0	101.0	170
EBES-25S DN19-45°	726.1035.625	19.0	15.0	153.0	64.0	114.0	288
EBES-25S DN25-45°	726.1035.725	25.5	18.0	160.0	60.0	112.0	320
EBES-30S DN25-45°	726.1035.730	25.5	21.0	177.0	73.0	129.0	400
EBES-38S DN31-45°	726.1035.838	32.0	27.0	251.0	76.0	196.0	1080

Rohrstutzen, 90° Bogen
Pipe connectors, 90° elbow
Espiga lisa a 90°

EBEL-90°

Type-D1	Mat.-Nr.	D2	D3	L1	L2	L3	g/Stk
EBEL-06L DN06-90°	726.1045.106	6.5	3.5	62.0	38.0	35.0	15
EBEL-08L DN06-90°	726.1045.108	6.5	4.0	65.0	40.0	38.0	20
EBEL-08L DN08-90°	726.1045.208	8.0	5.0	69.0	43.0	42.0	27
EBEL-08L DN10-90°	726.1045.308	9.5	7.0	68.0	44.0	38.0	30
EBEL-10L DN08-90°	726.1045.210	8.0	5.0	68.0	42.0	41.0	30
EBEL-10L DN10-90°	726.1045.310	9.5	7.0	68.0	42.0	38.0	35
EBEL-12L DN10-90°	726.1045.312	9.5	7.0	75.0	46.0	45.0	40
EBEL-12L DN12-90°	726.1045.412	13.0	9.0	79.0	44.0	47.0	55
EBEL-15L DN10-90°	726.1045.315	9.5	7.0	77.0	52.0	47.0	70
EBEL-15L DN12-90°	726.1045.415	13.0	9.5	79.0	50.0	47.0	76
EBEL-18L DN12-90°	726.1045.418	13.0	9.5	93.0	64.0	61.0	125
EBEL-18L DN16-90°	726.1045.518	16.0	12.0	82.5	65.0	48.5	148
EBEL-18L DN19-90°	726.1045.618	19.0	15.0	99.0	70.0	60.0	151
EBEL-22L DN16-90°	726.1045.522	16.0	12.0	100.0	71.0	66.0	214
EBEL-22L DN19-90°	726.1045.622	19.0	15.0	105.0	75.5	66.0	229
EBEL-28L DN25-90°	726.1045.725	25.5	21.0	130.0	90.0	82.0	356
EBEL-35L DN31-90°	726.1045.835	32.0	27.0	175.0	110.0	119.5	735
EBEL-42L DN38-90°	726.1045.942	38.5	33.0	188.0	120.0	130.5	1070

Rohrstutzen, 90° Bogen
Pipe connectors, 90° elbow
Espiga lisa a 90°

EBES-90°

Type -D1	Mat.-Nr.	D2	D3	L1	L2	L3	g/Stk
EBES-10S DN06-90°	726.1055.110	6.5	4.0	67.0	42.0	40.0	32
EBES-12S DN06-90°	726.1055.112	6.5	4.0	72.0	42.0	45.0	46
EBES-12S DN08-90°	726.1055.212	8.0	5.0	74.0	45.0	47.0	50
EBES-14S DN10-90°	726.1055.314	9.5	7.0	78.0	50.0	48.0	67
EBES-14S DN12-90°	726.1055.414	13.0	9.5	74.0	57.0	42.0	77
EBES-16S DN12-90°	726.1055.416	13.0	9.5	93.0	63.0	61.0	104
EBES-20S DN12-90°	726.1055.420	13.0	9.5	100.0	68.0	68.0	150
EBES-20S DN16-90°	726.1055.520	16.0	12.0	100.0	68.0	66.0	160
EBES-20S DN19-90°	726.1055.620	19.0	15.0	99.0	74.0	60.0	170
EBES-25S DN19-90°	726.1055.625	19.0	15.0	125.0	80.0	86.0	288
EBES-25S DN25-90°	726.1055.725	25.5	18.0	110.0	87.0	62.0	320
EBES-30S DN25-90°	726.1055.730	25.5	21.0	129.0	99.0	81.0	400
EBES-38S DN31-90°	726.1055.838	32.0	27.0	170.0	129.0	114.5	1080

Universal-Dichtkegel, gerade
**Universal tapered nipples,
straight**
**Boquilla hembra giratoria
métrica recta**
EDKL


Type -D1	Mat.-Nr.	D2	D3	D4	M	L1	L2	SW1	g/Stk
M=metrisches Gewinde (zylindrisch)		M=metric thread (straight)			M=rosca métrica (cilíndrica)				
EDKL-06L DN06	728.3805.106	6.5	4.0	7.3	12x1.5	47.0	20.0	14	12
EDKL-08L DN06	728.3805.108	6.5	4.0	9.3	14x1.5	46.0	19.0	17	13
EDKL-08L DN08	728.3805.208	8.0	5.0	9.3	14x1.5	47.0	20.0	17	16
EDKL-10L DN06	728.3805.110	6.5	4.0	11.5	16x1.5	46.0	19.0	19	17
EDKL-10L DN08	728.3805.210	8.0	4.0	11.5	16x1.5	46.0	19.0	19	18
EDKL-10L DN10	728.3805.310	9.5	7.0	11.5	16x1.5	51.5	21.5	19	23
EDKL-12L DN06	728.3805.112	6.5	4.0	13.5	18x1.5	46.0	19.0	22	22
EDKL-12L DN08	728.3805.212	8.0	5.0	13.5	18x1.5	46.0	19.0	22	23
EDKL-12L DN10	728.3805.312	9.5	7.0	13.5	18x1.5	50.0	20.0	22	25
EDKL-15L DN10	728.3805.315	9.5	7.0	16.5	22x1.5	50.0	20.0	27	33
EDKL-15L DN12	728.3805.415	13.0	9.5	16.5	22x1.5	52.0	20.0	27	38
EDKL-18L DN16	728.3805.518	16.0	12.0	19.5	26x1.5	54.0	20.0	32	53
EDKL-22L DN19	728.3805.620	19.0	15.0	23.1	30x2.0	65.0	26.0	36	84
EDKL-28L DN25	728.3805.728	25.5	21.0	29.1	36x2.0	75.0	27.0	41	130
EDKL-35L DN31	728.3805.835	32.0	27.0	35.7	45x2.0	84.0	28.5	50	200
EDKL-42L DN38	728.3805.942	38.5	33.0	42.7	52x2.0	86.0	28.5	60	273

passend zu Bohrungsform Y (60°), DIN 3863
passend zu Bohrungsform W (24°), DIN 3861

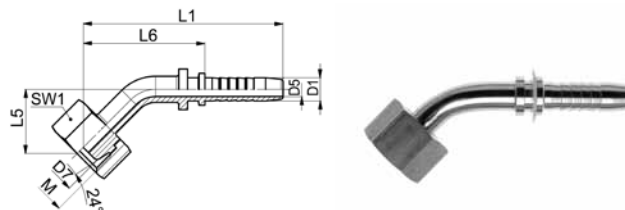
fitting to bore type Y (60°), DIN 3863
fitting to bore type W (24°), DIN 3861

su instalación en forma de taladro Y (60°),
DIN 3863
su instalación en forma de taladro W (24°),
DIN 3861

Universal-Dichtkegel, 45° Bogen

Universal tapered nipples, 45° elbow

Boquilla hembra giratoria métrica a 45°

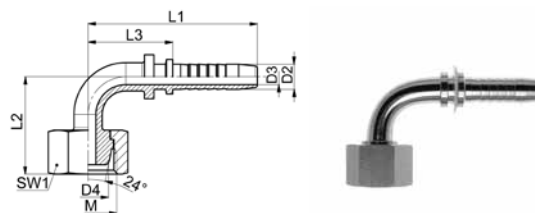
EDKL-45°


Type-D1	Mat.-Nr.	D2	D3	D4	M	L1	L2	L3	SW1	g/Stk
M=metrisches Gewinde (zylindrisch)		M=metric thread (straight)				M=rosca métrica (cilíndrica)				
EDKL-06L DN06-45°	728.3815.106	6.5	4.0	7.3	12x1.5	71.0	19.5	44.0	14	20
EDKL-08L DN06-45°	728.3815.108	6.5	4.0	9.3	14x1.5	74.5	16.0	47.5	17	23
EDKL-08L DN08-45°	728.3815.208	8.0	5.0	9.3	14x1.5	73.5	19.0	46.5	17	30
EDKL-10L DN06-45°	728.3815.110	6.5	4.0	11.5	16x1.5	72.0	18.0	45.0	19	24
EDKL-10L DN08-45°	728.3815.210	8.0	5.0	11.5	16x1.5	77.0	19.5	50.0	19	30
EDKL-10L DN10-45°	728.3815.310	9.5	7.0	11.5	16x1.5	81.0	19.5	51.0	19	35
EDKL-12L DN06-45°	728.3815.112	6.5	4.0	13.5	18x1.5	79.0	18.0	47.0	22	30
EDKL-12L DN08-45°	728.3815.212	8.0	5.0	13.5	18x1.5	78.0	20.0	51.0	22	35
EDKL-12L DN10-45°	728.3815.312	9.5	7.0	13.5	18x1.5	81.0	21.0	51.0	22	38
EDKL-15L DN10-45°	728.3815.315	9.5	7.0	16.5	22x1.5	81.0	21.5	51.0	27	48
EDKL-15L DN12-45°	728.3815.415	13.0	9.5	16.5	22x1.5	98.0	22.0	66.0	27	70
EDKL-18L DN16-45°	728.3815.518	16.0	12.0	19.5	26x1.5	115.0	27.0	81.0	32	111
EDKL-22L DN19-45°	728.3815.620	19.0	15.0	23.1	30x2.0	115.0	39.0	76.0	36	150
EDKL-28L DN25-45°	728.3815.728	25.5	21.0	29.1	36x2.0	139.0	35.0	91.0	41	242
EDKL-35L DN31-45°	728.3815.835	32.0	27.0	35.7	45x2.0	203.0	61.0	147.5	50	523
EDKL-42L DN38-45°	728.3815.942	38.5	33.0	42.7	52x2.0	220.0	59.0	162.5	60	686

passend zu Bohrungsform Y (60°), DIN 3863
passend zu Bohrungsform W (24°), DIN 3861

fitting to bore type Y (60°), DIN 3863
fitting to bore type W (24°), DIN 3861

su instalación en forma de taladro Y (60°),
DIN 3863
su instalación en forma de taladro W (24°),
DIN 3861

Universal-Dichtkegel, 90° Bogen
Universal tapered nipples, 90° elbow
Boquilla hembra giratoria métrica a 90°

EDKL-90°

Type -D1	Mat.-Nr.	D2	D3	D4	M	L1	L2	L3	SW1	g/Stk
M=metrisches Gewinde (zylindrisch)		M=metric thread (straight)			M=rosca métrica (cilíndrica)					
EDKL-06L DN06-90°	728.3825.106	6.5	4.0	7.3	12x1.5	56.5	28.0	29.5	14	20
EDKL-08L DN06-90°	728.3825.108	6.5	4.0	7.3	14x1.5	55.0	29.0	22.0	17	23
EDKL-08L DN08-90°	728.3825.208	8.0	5.0	9.3	14x1.5	56.0	31.0	29.0	17	30
EDKL-10L DN06-90°	728.3825.110	6.5	4.0	11.5	16x1.5	53.0	29.0	26.0	19	24
EDKL-10L DN08-90°	728.3825.210	8.0	5.0	11.5	16x1.5	58.0	31.0	31.0	19	30
EDKL-10L DN10-90°	728.3825.310	9.5	7.0	11.5	16x1.5	58.0	33.0	31.0	19	35
EDKL-12L DN06-90°	728.3825.112	6.5	4.0	13.5	18x1.5	56.5	29.0	29.5	22	30
EDKL-12L DN08-90°	728.3825.212	8.0	5.0	13.5	18x1.5	57.0	31.0	30.0	22	35
EDKL-12L DN10-90°	728.3825.312	9.5	7.0	13.5	18x1.5	60.0	33.0	30.0	22	38
EDKL-15L DN10-90°	728.3825.315	9.5	7.0	16.5	22x1.5	60.0	34.0	30.0	27	48
EDKL-15L DN12-90°	728.3825.415	13.0	9.5	16.5	22x1.5	79.0	40.0	47.0	27	70
EDKL-18L DN16-90°	728.3825.518	16.0	12.0	19.5	26x1.5	89.0	47.0	55.0	32	111
EDKL-22L DN19-90°	728.3825.620	19.0	15.0	23.1	30x2.0	95.0	55.0	56.0	36	150
EDKL-28L DN25-90°	728.3825.728	25.5	21.0	29.1	36x2.0	110.0	60.0	62.0	41	242
EDKL-35L DN31-90°	728.3825.835	32.0	27.0	35.7	45x2.0	153.0	98.0	97.5	50	523
EDKL-42L DN38-90°	728.3825.942	38.5	33.0	42.7	52x2.0	162.0	110.0	104.5	60	686

passend zu Bohrungsform Y (60°), DIN 3863
passend zu Bohrungsform W (24°), DIN 3861

fitting to bore type Y (60°), DIN 3863
fitting to bore type W (24°), DIN 3861

su instalación en forma de taladro Y (60°),
DIN 3863
su instalación en forma de taladro W (24°),
DIN 3861

Dichtkegel, gerade

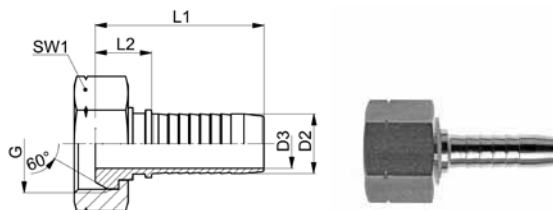
für Gegenanschluß mit 60° Konus

Tapered nipples, straight

for fittings with 60° outer taper

Boquilla hembra giratoria recta

para conector con cono de 60°

EDKR


Type -G	Mat.-Nr.	D2	D3	G	L1	L2	SW1	g/Stk
G=Rohrgewinde (zylindrisch)		G=BSP thread (straight)			G=rosca de conexión (cilíndrica)			
EDKR-G1.8 DN06	728.3505.106	6.5	3.0	1/8	44.0	17.0	14	10
EDKR-G1.4 DN06	728.3505.108	6.5	4.0	1/4	44.0	17.0	17	12
EDKR-G3.8 DN06	728.3505.110	6.5	4.0	3/8	45.0	18.0	22	16
EDKR-G1.4 DN08	728.3505.208	8.0	5.0	1/4	44.0	17.0	17	15
EDKR-G3.8 DN08	728.3505.210	8.0	5.0	3/8	45.0	18.0	22	18
EDKR-G3.8 DN10	728.3505.310	9.5	7.0	3/8	51.0	21.0	22	25
EDKR-G1.2 DN10	728.3505.312	9.5	7.0	1/2	49.0	19.0	24	28
EDKR-G3.8 DN12	728.3505.410	13.0	9.5	3/8	54.0	22.0	22	33
EDKR-G1.2 DN12	728.3505.412	13.0	9.5	1/2	54.0	22.0	24	42
EDKR-G5.8 DN12	728.3505.415	13.0	9.5	5/8	50.0	18.0	27	38
EDKR-G3.4 DN12	728.3505.414	13.0	9.5	3/4	51.0	19.0	32	50
EDKR-G1.2 DN16	728.3505.512	16.0	12.0	1/2	57.0	23.0	24	49
EDKR-G5.8 DN16	728.3505.513	16.0	12.0	5/8	57.0	23.0	27	56
EDKR-G3.4 DN16	728.3505.514	16.0	12.0	3/4	57.0	23.0	32	65
EDKR-G3.4 DN19	728.3505.614	19.0	15.0	3/4	64.0	25.0	32	87
EDKR-G1.1 DN19	728.3505.625	19.0	15.0	1	61.0	22.0	41	74
EDKR-G1.1 DN25	728.3505.725	25.5	21.0	1	75.0	27.0	41	120
EDKR-G5.4 DN25	728.3505.728	25.5	21.0	1 1/4	72.0	24.0	50	150
EDKR-G5.4 DN31	728.3505.828	32.0	27.0	1 1/4	80.0	24.5	50	184
EDKR-G5.4 DN38	728.3505.928	38.5	27.0	1 1/4	86.0	28.5	50	254
EDKR-G3.2 DN38	728.3505.930	38.5	33.0	1 1/2	83.0	25.5	55	237
EDKR-G4.2 DN38	728.3505.942	38.5	33.0	2	89.0	31.5	70	390
EDKR-G4.2 DN51	728.3505.042	50.5	44.5	2	106.0	31.0	70	445

teilweise mit Drahtmuttern

partly with wire nuts

parcialmente con tuercas de alambre

Dichtkegel, 45° Bogen

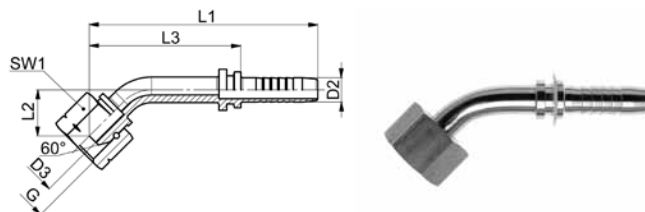
für Gegenanschluß mit 60° Konus

Tapered nipples, 45° elbow

for fittings with 60° outer taper

Boquilla hembra giratoria a 45°

para conector con cono de 60°



EDKR-45°

Type -G	Mat.-Nr.	D2	D3	G	L1	L2	L3	SW1	g/Stk
G=Rohrgewinde (zylindrisch)		G=BSP thread (straight)			G=rosca de conexión (cilíndrica)				
EDKR-G1.4 DN06-45°	728.3515.108	6.5	4.0	1/4	74.0	20.0	47.0	17	20
EDKR-G3.8 DN06-45°	728.3515.110	6.5	4.0	3/8	75.5	20.5	48.5	22	26
EDKR-G3.8 DN08-45°	728.3515.210	8.0	5.0	3/8	76.0	23.0	49.0	22	31
EDKR-G3.8 DN10-45°	728.3515.310	9.5	7.0	3/8	80.5	22.0	50.5	22	40
EDKR-G1.2 DN10-45°	728.3515.312	9.5	7.0	1/2	80.0	22.0	50.0	24	47
EDKR-G1.2 DN12-45°	728.3515.412	13.0	9.5	1/2	98.0	23.0	66.0	24	76
EDKR-G5.8 DN16-45°	728.3515.513	16.0	12.0	5/8	111.0	38.0	77.0	27	114
EDKR-G3.4 DN16-45°	728.3515.514	16.0	12.0	3/4	111.0	37.0	77.0	32	122
EDKR-G3.4 DN19-45°	728.3515.614	19.0	15.0	3/4	120.0	38.0	81.0	32	172
EDKR-G1.1 DN19-45°	728.3515.625	19.0	15.0	1	132.0	43.0	93.0	41	193
EDKR-G1.1 DN25-45°	728.3515.725	25.5	21.0	1	155.0	43.0	107.0	41	269
EDKR-G5.4 DN31-45°	728.3515.828	32.0	27.0	1 1/4	243.0	78.0	187.5	50	557
EDKR-G3.2 DN38-45°	728.3515.930	38.5	33.0	1 1/2	274.0	88.5	210.5	55	787

teilweise mit Drahtmuttern

partly with wire nuts

parcialmente con tuercas de alambre

Dichtkegel, 90° Bogen

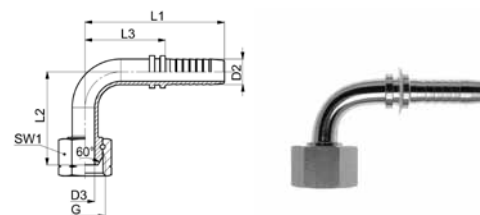
für Gegenanschluß mit 60° Konus

Tapered nipples, 90° elbow

for fittings with 60° outer taper

Boquilla hembra giratoria a 90°

para conector con cono de 60°

EDKR-90°


Type -G	Mat.-Nr.	D2	D3	G	L1	L2	L3	SW1	g/Stk
G=Rohrgewinde (zylindrisch)		G=BSP thread (straight)			G=rosca de conexión (cilíndrica)				
EDKR-G1.4 DN06-90°	728.3525.108	6.5	4.0	1/4	56.0	30.0	29.0	17	20
EDKR-G3.8 DN06-90°	728.3525.110	6.5	4.0	3/8	57.0	30.0	30.0	22	26
EDKR-G3.8 DN08-90°	728.3525.210	8.0	5.0	3/8	61.0	34.0	34.0	22	31
EDKR-G3.8 DN10-90°	728.3525.310	9.5	7.0	3/8	60.0	35.0	30.0	22	40
EDKR-G1.2 DN10-90°	728.3525.312	9.5	7.0	1/2	60.0	35.0	30.0	24	47
EDKR-G1.2 DN12-90°	728.3525.412	13.0	9.5	1/2	74.0	42.0	42.0	24	76
EDKR-G5.8 DN16-90°	728.3525.513	16.0	12.0	5/8	86.0	51.0	52.0	27	114
EDKR-G3.4 DN16-90°	728.3525.514	16.0	12.0	3/4	86.0	53.0	52.0	32	122
EDKR-G3.4 DN19-90°	728.3525.614	19.0	15.0	3/4	93.0	54.0	54.0	32	172
EDKR-G1.1 DN19-90°	728.3525.625	19.0	15.0	1	103.0	60.0	64.0	41	193
EDKR-G1.1 DN25-90°	728.3525.725	25.5	21.0	1	114.0	76.0	66.0	41	269
EDKR-G5.4 DN31-90°	728.3525.828	32.0	27.0	1 1/4	176.0	120.0	120.5	50	557
EDKR-G3.2 DN38-90°	728.3525.930	38.5	33.0	1 1/2	195.0	127.0	137.5	55	787
EDKR-G4.2 DN51-90°	728.3525.042	50.5	44.5	2	220.0	162.0	145.5	70	

teilweise mit Drahtmuttern

partly with wire nuts

parcialmente con tuercas de alambre

Dichtkegel, gerade

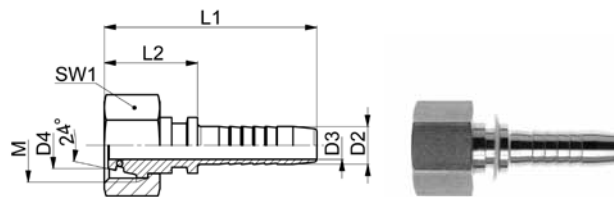
mit O-Ring, für Gegenanschluß mit 24° Konus

Tapered nipples, straight

with O-ring, for fittings with 24° outer taper

Boquilla hembra giratoria recta

con junta tórica, para conector con cono de 24°


EDKOL

Type-D1	Mat.-Nr.	D2	D3	D4	M	L1	L2	SW1	g/Stk
M=metrisches Gewinde (zylindrisch)		M=metric thread (straight)			M=rosca métrica (cilíndrica)				
EDKOL-06L DN06	728.3905.106	6.5	4.0	5.7	12x1.5	49.0	22.0	14	12
EDKOL-08L DN06	728.3905.108	6.5	4.0	7.7	14x1.5	48.0	21.0	17	14
EDKOL-10L DN06	728.3905.110	6.5	4.0	9.7	16x1.5	48.0	21.0	19	15
EDKOL-10L DN08	728.3905.210	8.0	5.0	9.7	16x1.5	48.0	21.0	19	17
EDKOL-10L DN10	728.3905.310	9.5	7.0	9.7	16x1.5	53.5	23.5	19	25
EDKOL-12L DN06	728.3905.112	6.5	4.0	11.7	18x1.5	48.0	21.0	22	19
EDKOL-12L DN08	728.3905.212	8.0	5.0	11.7	18x1.5	48.0	21.0	22	21
EDKOL-12L DN10	728.3905.312	9.5	7.0	11.7	18x1.5	52.5	22.5	22	25
EDKOL-12L DN12	728.3905.412	13.0	9.5	11.7	18x1.5	56.0	24.0	22	36
EDKOL-15L DN10	728.3905.315	9.5	7.0	14.7	22x1.5	52.5	22.5	27	31
EDKOL-15L DN12	728.3905.415	13.0	9.5	14.7	22x1.5	54.5	22.5	27	39
EDKOL-18L DN12	728.3905.418	13.0	9.5	17.7	26x1.5	54.5	22.5	32	44
EDKOL-18L DN16	728.3905.518	16.0	12.0	17.7	26x1.5	55.5	21.5	32	52
EDKOL-22L DN16	728.3905.522	16.0	12.5	21.7	30x2.0	63.0	29.0	36	73
EDKOL-22L DN19	728.3905.622	19.0	15.0	21.7	30x2.0	63.0	24.0	36	70
EDKOL-28L DN25	728.3905.725	25.5	21.0	27.7	36x2.0	73.0	25.0	41	117
EDKOL-35L DN31	728.3905.835	32.0	27.0	34.7	45x2.0	82.5	27.0	50	191
EDKOL-42L DN38	728.3905.942	38.5	33.0	41.7	52x2.0	84.5	27.0	60	252

Dichtkegel, gerade

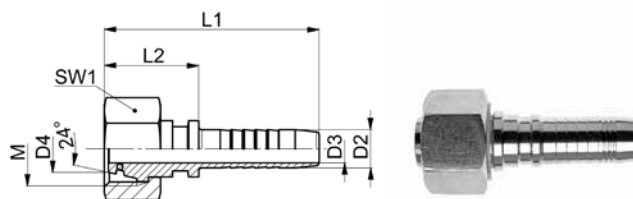
mit O-Ring, für Gegenanschluß mit 24° Konus

Tapered nipples, straight

with O-ring, for fittings with 24° outer taper

Boquilla hembra giratoria recta

con junta tórica, para conector con cono de 24°

EDKOS


Type -D1	Mat.-Nr.	D2	D3	D4	M	L1	L2	SW1	g/Stk
M=metrisches Gewinde (zylindrisch)		M=metric thread (straight)			M=rosca métrica (cilíndrica)				
EDKOS-08S DN06	728.3935.108	6.5	4.0	7.7	16x1.5	47.5	20.5	19	15
EDKOS-10S DN06	728.3935.110	6.5	4.0	9.7	18x1.5	48.0	21.0	22	19
EDKOS-10S DN08	728.3935.210	8.0	5.0	9.7	18x1.5	48.0	21.0	22	21
EDKOS-12S DN08	728.3935.212	8.0	5.0	11.7	20x1.5	48.0	21.0	24	23
EDKOS-12S DN10	728.3935.312	9.5	7.0	11.7	20x1.5	51.5	21.5	24	30
EDKOS-14S DN10	728.3935.314	9.5	7.0	13.5	22x1.5	51.5	21.5	27	30
EDKOS-16S DN12	728.3935.416	13.0	9.5	17.7	24x1.5	53.5	21.5	30	41
EDKOS-20S DN12	728.3935.420	13.0	9.5	19.7	30x2.0	57.5	25.5	36	61
EDKOS-20S DN16	728.3935.520	16.0	12.0	19.7	30x2.0	59.5	25.5	36	68
EDKOS-20S DN19	728.3935.620	19.0	15.0	19.7	30x2.0	64.5	25.5	36	76
EDKOS-25S DN19	728.3935.625	19.0	15.0	24.7	36x2.0	64.5	25.5	41	97
EDKOS-30S DN25	728.3935.730	25.5	21.0	29.7	42x2.0	74.5	26.5	50	144
EDKOS-38S DN31	728.3935.838	32.0	27.0	37.7	52x2.0	82.5	27.0	60	222

Dichtkegel, 45° Bogen

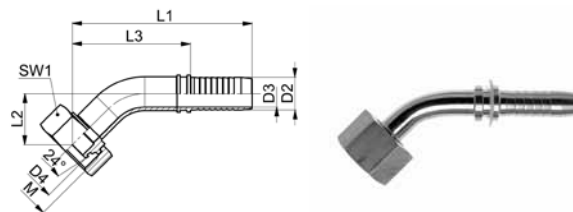
mit O-Ring, für Gegenanschluß mit 24° Konus

Tapered nipples, 45° elbow

with O-ring, for fittings with 24° outer taper

Boquilla hembra giratoria a 45°

con junta tórica, para conector con cono de 24°



EDKOL-45°

Type-D1	Mat.-Nr.	D2	D3	D4	M	L1	L2	L3	SW1	g/Stk
M=metrisches Gewinde (zylindrisch)		M=metric thread (straight)				M=rosca métrica (cilíndrica)				
EDKOL-06L DN06-45°	728.3915.106	6.5	4.0	5.7	12x1.5	71.0	19.0	44.0	14	19
EDKOL-08L DN06-45°	728.3915.108	6.5	4.0	7.7	14x1.5	74.0	20.0	47.0	17	21
EDKOL-10L DN08-45°	728.3915.210	8.0	5.0	9.7	16x1.5	79.0	21.0	52.0	19	30
EDKOL-10L DN10-45°	728.3915.310	9.5	7.0	9.7	16x1.5	82.5	21.0	52.5	19	36
EDKOL-12L DN10-45°	728.3915.312	9.5	7.0	11.7	18x1.5	82.0	21.5	52.0	22	38
EDKOL-12L DN12-45°	728.3915.412	13.0	9.5	11.7	18x1.5	82.0	22.0	50.0	22	67
EDKOL-15L DN10-45°	728.3915.315	9.5	7.0	14.7	22x1.5	82.0	22.0	52.0	27	45
EDKOL-15L DN12-45°	728.3915.415	13.0	9.5	14.7	22x1.5	90.0	28.0	58.0	27	72
EDKOL-18L DN12-45°	728.3915.418	13.0	9.5	17.7	26x1.5	98.0	29.5	64.0	32	82
EDKOL-18L DN16-45°	728.3915.518	16.0	12.0	17.7	26x1.5	98.0	25.0	64.0	32	112
EDKOL-22L DN19-45°	728.3915.622	19.0	15.0	21.7	30x2.0	120.0	35.0	81.0	36	167
EDKOL-28L DN25-45°	728.3915.725	25.5	21.0	27.7	36x2.0	149.0	44.0	101.0	41	260
EDKOL-35L DN31-45°	728.3915.835	32.0	27.0	34.7	45x2.0	233.0	74.0	177.5	50	564
EDKOL-42L DN38-45°	728.3915.942	38.5	33.0	41.7	52x2.0	263.0	89.0	205.5	60	809

Dichtkegel, 45° Bogen

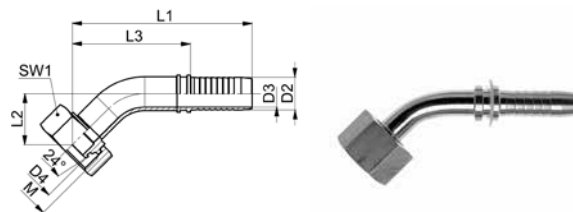
mit O-Ring, für Gegenanschluß mit 24° Konus

Tapered nipples, 45° elbow

with O-ring, for fittings with 24° outer taper

Boquilla hembra giratoria a 45°

con junta tórica, para conector con cono de 24°



EDKOS-45°

Type -D1	Mat.-Nr.	D2	D3	D4	M	L1	L2	L3	SW1	g/Stk
M=metrisches Gewinde (zylindrisch)		M=metric thread (straight)				M=rosca métrica (cilindrica)				
EDKOS-08S DN06-45°	728.3945.108	6.5	4.0	7.7	16x1.5	73.0	21.5	46.0	19	22
EDKOS-10S DN06-45°	728.3945.110	6.5	4.0	9.7	18x1.5	74.5	20.5	47.5	22	27
EDKOS-10S DN08-45°	728.3945.210	8.0	5.0	9.7	18x1.5	79.5	21.5	52.0	22	34
EDKOS-12S DN08-45°	728.3945.212	8.0	5.0	11.7	20x1.5	80.0	21.5	53.0	24	36
EDKOS-12S DN10-45°	728.3945.312	9.5	7.0	11.7	20x1.5	81.5	21.5	50.5	24	40
EDKOS-14S DN10-45°	728.3945.314	9.5	7.0	13.5	22x1.5	81.0	21.0	51.0	27	44
EDKOS-16S DN12-45°	728.3945.416	13.0	9.5	15.7	24x1.5	100.0	25.0	68.0	30	76
EDKOS-20S DN16-45°	728.3945.520	16.0	12.0	19.7	30x2.0	110.0	30.0	76.0	36	131
EDKOS-25S DN19-45°	728.3945.625	19.0	15.0	24.7	36x2.0	139.0	41.0	100.0	41	202
EDKOS-30S DN25-45°	728.3945.730	25.5	21.0	29.7	42x2.0	150.0	48.0	102.0	50	300
EDKOS-38S DN31-45°	728.3945.838	32.0	27.0	37.7	52x2.0	180.0	55.0	124.0	60	600

Dichtkegel, 90° Bogen

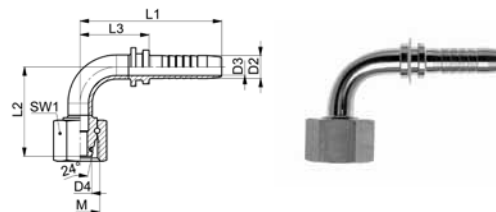
mit O-Ring, für Gegenanschluß mit 24° Konus

Tapered nipples, 90° elbow

with O-ring, for fittings with 24° outer taper

Boquilla hembra giratoria a 90°

con junta tórica, para conector con cono de 24°



EDKOL-90°

Type-D1	Mat.-Nr.	D2	D3	D4	M	L1	L2	L3	SW1	g/Stk
M=metrisches Gewinde (zylindrisch)		M=metric thread (straight)				M=rosca métrica (cilíndrica)				
EDKOL-06L DN06-90°	728.3925.106	6.5	4.0	5.7	12x1.5	53.0	29.0	26.0	14	19
EDKOL-08L DN06-90°	728.3925.108	6.5	4.0	7.7	14x1.5	55.0	32.0	28.0	17	21
EDKOL-10L DN08-90°	728.3925.210	8.0	5.0	9.7	16x1.5	58.0	34.0	31.0	19	30
EDKOL-10L DN10-90°	728.3925.310	9.5	7.0	9.7	16x1.5	60.0	36.0	30.0	19	36
EDKOL-12L DN10-90°	728.3925.312	9.5	7.0	11.7	18x1.5	60.0	35.0	30.0	22	38
EDKOL-12L DN12-90°	728.3925.412	13.0	9.5	11.7	18x1.5	73.0	44.0	41.0	22	67
EDKOL-15L DN10-90°	728.3925.315	9.5	7.0	14.7	22x1.5	60.0	35.0	30.0	27	45
EDKOL-15L DN12-90°	728.3925.415	13.0	9.5	14.7	22x1.5	73.0	43.0	41.0	27	72
EDKOL-18L DN12-90°	728.3925.418	13.0	9.5	17.7	26x1.5	74.0	43.0	42.0	32	82
EDKOL-18L DN16-90°	728.3925.518	16.0	12.0	17.7	26x1.5	88.0	49.0	54.0	32	112
EDKOL-22L DN19-90°	728.3925.622	19.0	15.0	21.7	30x2.0	108.0	64.0	61.0	36	167
EDKOL-28L DN25-90°	728.3925.725	25.5	21.0	27.7	36x2.0	112.0	73.0	64.0	41	260
EDKOL-35L DN31-90°	728.3925.835	32.0	27.0	34.7	45x2.0	171.0	114.0	115.5	50	564
EDKOL-42L DN38-90°	728.3925.942	38.5	33.0	41.7	52x2.0	213.0	112.0	155.5	60	809

Dichtkegel, 90° Bogen

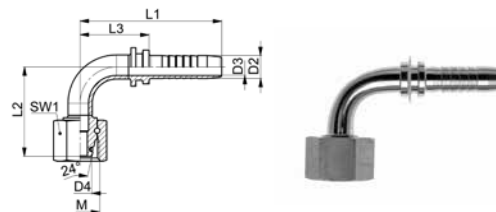
mit O-Ring, für Gegenanschluß mit 24° Konus

Tapered nipples, 90° elbow

with O-ring, for fittings with 24° outer taper

Boquilla hembra giratoria a 90°

con junta tórica, para conector con cono de 24°



EDKOS-90°

Type -D1	Mat.-Nr.	D2	D3	D4	M	L1	L2	L3	SW1	g/Stk
M=metrisches Gewinde (zylindrisch)		M=metric thread (straight)				M=rosca métrica (cilíndrica)				
EDKOS-08S DN06-90°	728.3955.108	6.5	4.0	7.7	16x1.5	53.0	32.0	26.0	19	22
EDKOS-10S DN06-90°	728.3955.110	6.5	4.0	9.7	18x1.5	55.0	32.5	28.0	22	27
EDKOS-10S DN08-90°	728.3955.210	8.0	5.0	9.7	18x1.5	58.0	38.0	31.0	22	34
EDKOS-12S DN08-90°	728.3955.212	8.0	5.0	11.7	20x1.5	59.0	36.0	32.0	24	36
EDKOS-12S DN10-90°	728.3955.312	9.5	7.0	11.7	20x1.5	60.0	35.0	30.0	24	40
EDKOS-14S DN10-90°	728.3955.314	9.5	7.0	13.5	22x1.5	60.0	36.0	30.0	27	44
EDKOS-16S DN12-90°	728.3955.416	13.0	9.5	15.7	24x1.5	73.0	44.0	41.0	30	76
EDKOS-20S DN16-90°	728.3955.520	16.0	12.0	19.7	30x2.0	80.0	51.0	46.0	36	131
EDKOS-25S DN19-90°	728.3955.625	19.0	15.0	24.7	36x2.0	100.0	67.0	61.0	41	202
EDKOS-30S DN25-90°	728.3955.730	25.5	21.0	29.7	42x2.0	120.0	82.0	96.0	50	300
EDKOS-38S DN31-90°	728.3955.838	32.0	27.0	37.7	52x2.0	171.0	114.0	115.5	60	600

Außengewinde-Nippel

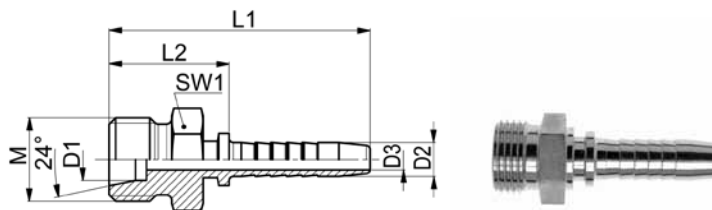
mit 24° Konus für Schneidringverschraubungen

Male nipples

with 24° taper for cutting-ring couplings

Boquilla macho

con cono de 24° para racores de anillos cortantes

ECEL


Type -D1	Mat.-Nr.	D2	D3	M	L1	L2	SW1	g/Stk
M=metrisches Gewinde (zylindrisch)		M=metric thread (straight)			M=rosca métrica (cilíndrica)			
ECEL-06L DN06	726.6505.106	6.5	4.0	12x1.5	46.5	19.5	12	10
ECEL-08L DN06	726.6505.108	6.5	4.0	14x1.5	47.5	20.5	14	15
ECEL-10L DN06	726.6505.110	6.5	4.0	16x1.5	49.5	22.5	17	25
ECEL-10L DN08	726.6505.210	8.0	5.0	16x1.5	49.0	22.0	17	25
ECEL-10L DN10	726.6505.310	9.5	7.0	16x1.5	55.0	25.0	17	32
ECEL-12L DN06	726.6505.112	6.5	4.0	18x1.5	49.0	22.0	19	30
ECEL-12L DN08	726.6505.212	8.0	5.0	18x1.5	49.0	22.0	19	30
ECEL-12L DN10	726.6505.312	9.5	7.0	18x1.5	52.5	22.5	19	35
ECEL-15L DN10	726.6505.315	9.5	7.0	22x1.5	54.5	24.5	22	50
ECEL-15L DN12	726.6505.415	13.0	9.5	22x1.5	56.5	24.5	22	55
ECEL-18L DN12	726.6505.418	13.0	9.5	26x1.5	57.5	25.5	27	80
ECEL-18L DN16	726.6505.518	16.0	12.0	26x1.5	59.5	25.5	27	85
ECEL-22L DN19	726.6505.622	19.0	15.0	30x2.0	68.0	29.0	32	125
ECEL-28L DN25	726.6505.728	25.5	21.0	36x2.0	79.0	31.0	36	175
ECEL-35L DN31	726.6505.835	32.0	27.0	45x2.0	91.0	35.5	46	310
ECEL-42L DN38	726.6505.942	38.5	33.0	52x2.0	96.0	38.5	55	460

Außengewinde-Nippel

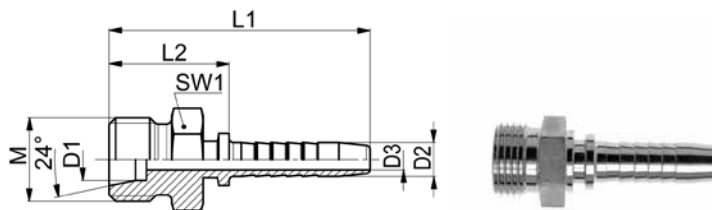
mit 24° Konus für Schneidringverschraubungen

Male nipples

with 24° taper for cutting-ring couplings

Boquilla macho

con cono de 24° para racores de anillos cortantes

ECES


Type -D1	Mat.-Nr.	D2	D3	M	L1	L2	SW1	g/Stk
M=metrisches Gewinde (zylindrisch)		M=metric thread (straight)			M=rosca métrica (cilíndrica)			
ECES-08S DN06	726.6605.108	6.5	4.0	16x1.5	50.0	23.0	17	30
ECES-10S DN06	726.6605.110	6.5	4.0	18x1.5	50.0	23.0	19	35
ECES-10S DN08	726.6605.210	8.0	5.0	18x1.5	50.0	23.0	19	35
ECES-10S DN10	726.6605.310	9.5	7.0	18x1.5	53.5	23.5	19	35
ECES-12S DN08	726.6605.212	8.0	5.0	20x1.5	51.0	24.0	22	55
ECES-12S DN10	726.6605.312	9.5	7.0	20x1.5	54.5	24.5	22	50
ECES-14S DN10	726.6605.314	9.5	7.0	22x1.5	56.5	26.5	22	55
ECES-14S DN12	726.6605.414	13.0	9.5	22x1.5	58.5	26.5	22	65
ECES-16S DN12	726.6605.416	13.0	9.5	24x1.5	59.5	27.5	24	75
ECES-20S DN16	726.6605.520	16.0	12.0	30x2.0	64.5	30.5	30	125
ECES-20S DN19	726.6605.620	19.0	15.0	30x2.0	70.0	31.0	30	125
ECES-25S DN19	726.6605.625	19.0	15.0	36x2.0	73.0	34.0	41	125
ECES-25S DN25	726.6605.725	25.5	21.0	36x2.0	83.0	35.0	41	225
ECES-30S DN25	726.6605.730	25.5	21.0	42x2.0	87.0	39.0	46	320
ECES-38S DN31	726.6605.838	32.0	27.0	52x2.0	100.0	45.5	55	535

Außengewinde-Nippel

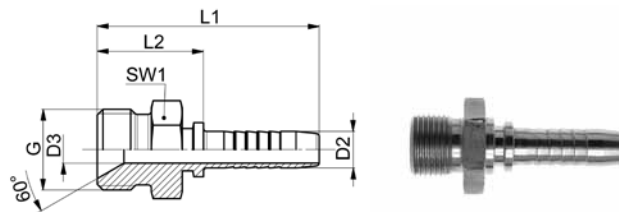
mit 60° Konus

Male nipples

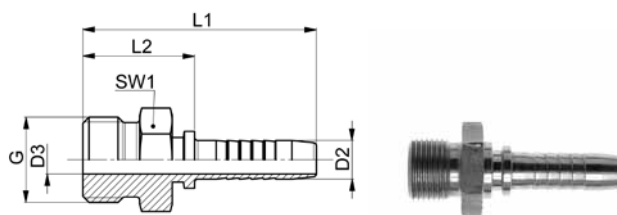
with 60° taper

Boquilla macho

con cono de 60°

EAGR


Type -G	Mat.-Nr.	D2	D3	G	L1	L2	SW1	g/Stk
G=Rohrgewinde (zylindrisch)		G=BSP thread (straight)			G=rosca de conexión (cilíndrica)			
EAGR-G1.8 DN06	726.6005.106	6.5	4.0	1/8	46.0	19.0	12	14
EAGR-G1.4 DN06	726.6005.108	6.5	4.0	1/4	50.0	23.0	14	22
EAGR-G3.8 DN06	726.6005.110	6.5	4.0	3/8	51.0	24.0	17	24
EAGR-G1.4 DN08	726.6005.208	8.0	5.0	1/4	50.0	23.0	14	33
EAGR-G3.8 DN08	726.6005.210	8.0	5.0	3/8	51.0	24.0	17	35
EAGR-G3.8 DN10	726.6005.310	9.5	5.0	3/8	54.5	24.5	17	36
EAGR-G1.2 DN10	726.6005.312	9.5	5.0	1/2	57.5	27.5	22	61
EAGR-G1.2 DN12	726.6005.412	13.0	9.5	1/2	59.5	27.5	22	66
EAGR-G5.8 DN16	726.6005.515	16.0	12.0	5/8	62.5	28.5	24	81
EAGR-G3.4 DN16	726.6005.514	16.0	12.0	3/4	64.5	30.5	27	107
EAGR-G3.4 DN19	726.6005.614	19.0	15.0	3/4	70.0	31.0	27	108
EAGR-G1.1 DN19	726.6005.625	19.0	15.0	1	73.0	34.0	36	184
EAGR-G1.1 DN25	726.6005.725	25.5	21.0	1	83.0	35.0	36	190
EAGR-G5.4 DN25	726.6005.728	25.5	21.0	1 1/4	90.0	42.0	46	380
EAGR-G5.4 DN31	726.6005.828	32.0	27.0	1 1/4	98.0	42.5	46	374
EAGR-G3.2 DN31	726.6005.830	32.0	27.0	1 1/2	100.0	44.5	50	474
EAGR-G3.2 DN38	726.6005.930	38.5	33.0	1 1/2	102.0	44.5	50	450
EAGR-G4.2 DN51	726.6005.042	50.5	44.5	2	121.0	46.5	60	676

Außengewinde-Nippel
Male adaptor
Boquilla macho
EAGF


Type -G	Mat.-Nr.	D2	D3	G	L1	L2	SW1	g/Stk
G=Rohrgewinde (zylindrisch)		G=BSP thread (straight)			G=rosca de conexión (cilíndrica)			
EAGF-G1.4 DN06	726.6035.108	6.5	4.0	1/4	50.5	23.5	14	25
EAGF-G3.8 DN08	726.6035.210	8.0	5.0	3/8	51.0	24.0	17	35
EAGF-G3.8 DN10	726.6035.310	9.5	7.0	3/8	54.5	24.5	17	40
EAGF-G1.2 DN10	726.6035.312	9.5	7.0	1/2	57.5	27.5	22	70
EAGF-G1.2 DN12	726.6035.412	13.0	9.5	1/2	60.5	28.5	22	70
EAGF-G5.8 DN16	726.6035.515	16.0	12.0	5/8	62.5	28.5	24	85
EAGF-G3.4 DN19	726.6035.614	19.0	15.0	3/4	70.0	31.0	27	110
EAGF-G1.1 DN19	726.6035.625	19.0	15.0	1	73.0	34.0	36	205
EAGF-G1.1 DN25	726.6035.725	25.5	21.0	1	83.0	35.0	36	200
EAGF-G5.4 DN25	726.6035.728	25.5	21.0	1 1/4	90.0	42.0	46	400
EAGF-G5.4 DN31	726.6035.828	32.0	27.0	1 1/4	98.0	42.5	46	380
EAGF-G3.2 DN38	726.6035.930	38.5	33.0	1 1/2	102.0	44.5	50	465
EAGF-G4.2 DN51	726.6035.042	50.5	44.5	2	121.0	46.5	60	695

Außengewinde-Nippel

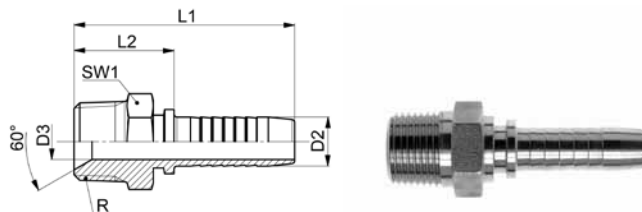
mit 60° Konus

Male adaptor

with 60° taper

Boquilla macho

con cono de 60°

EAGK


Type -R	Mat.-Nr.	D2	D3	R	L1	L2	SW1	g/Stk
R=Rohrgewinde (kegelig)		R=BSP thread (tapered)			R=rosca para tubos (cónica)			
EAGK-G1.4 DN06	726.6045.108	6.5	4.0	1/4	50.0	23.0	14	23
EAGK-G3.8 DN08	726.6045.210	8.0	5.0	3/8	50.0	23.0	17	34
EAGK-G3.8 DN10	726.6045.310	9.5	7.0	3/8	53.5	23.5	17	35
EAGK-G1.2 DN10	726.6045.312	9.5	7.0	1/2	56.5	26.5	22	61
EAGK-G1.2 DN12	726.6045.412	13.0	9.5	1/2	58.5	26.5	22	66
EAGK-G3.4 DN12	726.6045.414	13.0	9.5	3/4	62.5	30.5	27	107
EAGK-G3.4 DN16	726.6045.514	16.0	12.0	3/4	63.5	29.5	27	107
EAGK-G3.4 DN19	726.6045.614	19.0	15.0	3/4	70.0	31.0	27	112
EAGK-G1.1 DN19	726.6045.625	19.0	15.0	1	73.0	34.0	36	192
EAGK-G1.1 DN25	726.6045.725	25.5	21.0	1	83.0	35.0	36	199
EAGK-G5.4 DN31	726.6045.828	32.0	27.0	1 1/4	95.0	39.5	46	351
EAGK-G3.2 DN38	726.6045.930	38.5	33.0	1 1/2	102.0	44.5	50	460
EAGK-G4.2 DN51	726.6045.042	50.5	44.5	2	121.0	46.5	60	685

Außengewinde-Nippel

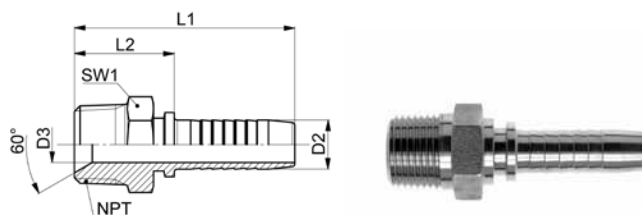
mit 60° Konus

Male nipples

with 60° taper

Boquilla macho

con cono de 60°

EAGN


Type -NPT	Mat.-Nr.	D2	D3	NPT	L1	L2	SW1	g/Stk
NPT=Einschraubgewinde NPT		NPT=tapered adaptor thread NPT			NPT=rosca de conexión cónica NPT			
EAGN-NPT1.4 DN06	726.6055.108	6.5	4.0	1/4	52.0	25.0	14	24
EAGN-NPT3.8 DN06	726.6055.110	6.5	4.0	3/8	52.0	25.0	17	35
EAGN-NPT1.4 DN08	726.6055.208	8.0	5.0	1/4	52.0	25.0	14	25
EAGN-NPT3.8 DN08	726.6055.210	8.0	5.0	3/8	52.0	25.0	17	36
EAGN-NPT3.8 DN10	726.6055.310	9.5	7.0	3/8	55.5	25.5	17	37
EAGN-NPT1.2 DN10	726.6055.312	9.5	7.0	1/2	61.5	31.5	22	67
EAGN-NPT1.2 DN12	726.6055.412	13.0	9.5	1/2	63.5	31.5	22	71
EAGN-NPT3.4 DN12	726.6055.414	13.0	9.5	3/4	65.5	33.5	27	113
EAGN-NPT1.2 DN16	726.6055.512	16.0	12.0	1/2	65.5	31.5	22	73
EAGN-NPT3.4 DN16	726.6055.514	16.0	12.0	3/4	67.5	33.5	27	115
EAGN-NPT3.4 DN19	726.6055.614	19.0	15.0	3/4	73.0	34.0	27	114
EAGN-NPT1.1 DN19	726.6055.625	19.0	15.0	1	80.0	41.0	36	219
EAGN-NPT1.1 DN25	726.6055.725	25.5	21.0	1	90.0	42.0	36	213
EAGN-NPT5.4 DN25	726.6055.728	25.5	21.0	1 1/4	93.0	45.0	46	377
EAGN-NPT5.4 DN31	726.6055.828	32.0	27.0	1 1/4	101.0	45.5	46	367
EAGN-NPT3.2 DN31	726.6055.830	32.0	27.0	1 1/2	101.0	45.5	50	465
EAGN-NPT3.2 DN38	726.6055.930	38.5	33.0	1 1/2	106.0	48.5	50	471
EAGN-NPT4.2 DN51	726.6055.042	50.5	44.5	2	124.0	49.5	60	684

Außengewinde-Nippel

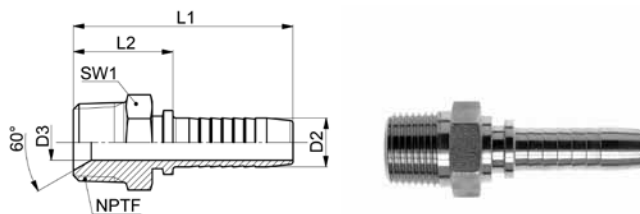
mit 60° Konus

Male adaptor

with 60° taper

Boquilla macho

con cono de 60°

EAGNF


Type -NPTF	Mat.-Nr.	D2	D3	NPTF	L1	L2	SW1	g/Stk
NPTF=Einschraubgewinde NPTF		NPTF=tapered adaptor thread NPTF			NPTF=rosca de conexión cónica NPTF			
EAGNF-NPTF1.4 DN06	726.6015.108	6.5	4.0	1/4	52.0	25.0	14	25
EAGNF-NPTF3.8 DN08	726.6015.210	8.0	5.0	3/8	52.0	25.0	17	36
EAGNF-NPTF3.8 DN10	726.6015.310	9.5	7.0	3/8	55.5	25.5	17	37
EAGNF-NPTF1.2 DN10	726.6015.312	9.5	7.0	1/2	61.5	31.5	22	67
EAGNF-NPTF1.2 DN12	726.6015.412	13.0	9.5	1/2	63.5	31.5	22	71
EAGNF-NPTF3.4 DN16	726.6015.514	16.0	12.0	3/4	67.5	33.5	27	115
EAGNF-NPTF3.4 DN19	726.6015.614	19.0	15.0	3/4	73.0	34.0	27	114
EAGNF-NPTF1.1 DN25	726.6015.725	25.5	21.0	1	90.0	42.0	36	213
EAGNF-NPTF5.4 DN31	726.6015.828	32.0	27.0	1 1/4	101.0	45.5	46	367
EAGNF-NPTF3.2 DN38	726.6015.930	38.5	33.0	1 1/2	106.0	48.5	50	471
EAGNF-NPTF4.2 DN51	726.6015.042	50.5	44.5	2	124.0	49.5	60	684

Außengewinde-Nippel

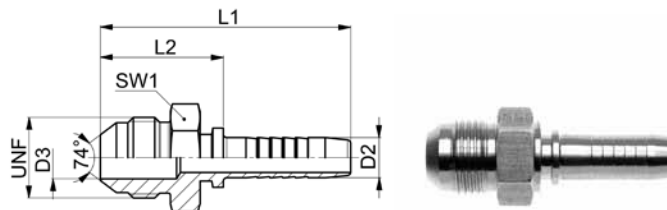
JIC 74° Kegel

Male nipples

JIC cone 74°

Boquilla macho

JIC cono de 74°

EAGJ


Type -UNF	Mat.-Nr.	D2	D3	UNF	L1	L2	SW1	g/Stk
UNF=Einschraubgewinde UNF		UNF=tapered adaptor thread UNF			UNF=rosca de conexión cónica UNF			
EAGJ-UNF7/16 DN06	726.6025.108	6.5	4.0	7/16	52.0	25.0	13	18
EAGJ-UNF1/2 DN06	726.6025.112	6.5	4.0	1/2	52.0	25.0	14	20
EAGJ-UNF9/16 DN06	726.6025.110	6.5	4.0	9/16	52.0	25.0	17	25
EAGJ-UNF1/2 DN08	726.6025.212	8.0	5.0	1/2	52.0	25.0	14	23
EAGJ-UNF9/16 DN08	726.6025.210	8.0	5.0	9/16	52.0	25.0	17	27
EAGJ-UNF9/16 DN10	726.6025.310	9.5	7.0	9/16	55.5	25.5	17	29
EAGJ-UNF3/4 DN10	726.6025.314	9.5	7.0	3/4	59.0	29.0	22	47
EAGJ-UNF7/8 DN10	726.6025.316	9.5	7.0	7/8	63.0	33.0	24	67
EAGJ-UNF3/4 DN12	726.6025.414	13.0	9.5	3/4	61.0	29.0	22	56
EAGJ-UNF7/8 DN12	726.6025.416	13.0	9.5	7/8	65.0	33.0	24	75
EAGJ-UNF7/8 DN16	726.6025.516	16.0	12.0	7/8	67.0	33.0	24	82
EAGJ-UNF1 1/16 DN16	726.6025.520	16.0	12.0	1 1/16	70.5	36.5	30	121
EAGJ-UNF1 1/16 DN19	726.6025.620	19.0	15.0	1 1/16	76.0	37.0	30	130
EAGJ-UNF1 5/16 DN19	726.6025.625	19.0	15.0	1 5/16	78.0	39.0	36	180
EAGJ-UNF1 1/16 DN25	726.6025.720	25.5	21.0	1 1/16	86.0	38.0	30	154
EAGJ-UNF1 5/16 DN25	726.6025.725	25.5	21.0	1 5/16	88.0	40.0	36	202
EAGJ-UNF1 5/8 DN25	726.6025.825	25.5	21.0	1 5/8	94.0	46.0	46	346
EAGJ-UNF1 5/8 DN31	726.6025.830	32.0	27.0	1 5/8	102.0	46.5	46	366
EAGJ-UNF1 7/8 DN38	726.6025.930	38.5	33.0	1 7/8	107.5	50.0	50	464
EAGJ-UNF2 1/2 DN51	726.6025.035	50.5	44.5	2 1/2	131.0	56.5	65	876

JIC-Nippel, gerade

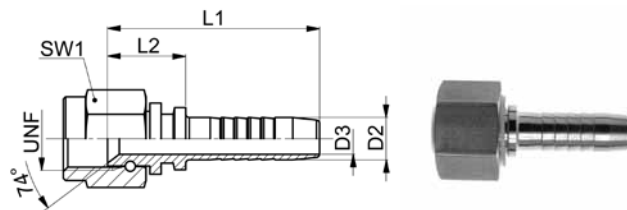
JIC 74° Kegel

JIC-Nipples, straight

JIC cone 74°

Boquilla JIC recta

JIC cono de 74°

EDKJ


Type -UNF	Mat.-Nr.	D2	D3	UNF	L1	L2	SW1	g/Stk
UNF=Einschraubgewinde UNF		UNF=tapered adaptor thread UNF			UNF=rosca de conexión cónica UNF			
EDKJ-UNF7/16 DN06	728.1065.108	6.5	4.0	7/16	43.5	16.5	17	11
EDKJ-UNF1/2 DN06	728.1065.112	6.5	4.0	1/2	43.5	16.5	19	12
EDKJ-UNF9/16 DN06	728.1065.110	6.5	4.0	9/16	44.5	17.5	19	12
EDKJ-UNF1/2 DN08	728.1065.212	8.0	5.0	1/2	43.5	16.5	19	14
EDKJ-UNF9/16 DN08	728.1065.210	8.0	5.0	9/16	43.5	16.5	19	15
EDKJ-UNF9/16 DN10	728.1065.310	9.5	7.0	9/16	47.5	17.5	19	19
EDKJ-UNF3/4 DN10	728.1065.314	9.5	7.0	3/4	49.5	19.5	24	23
EDKJ-UNF7/8 DN10	728.1065.316	9.5	7.0	7/8	52.0	22.0	27	32
EDKJ-UNF3/4 DN12	728.1065.414	13.0	9.5	3/4	50.5	18.5	24	34
EDKJ-UNF7/8 DN12	728.1065.416	13.0	9.5	7/8	54.0	22.0	27	40
EDKJ-UNF1 1/16 DN12	728.1065.418	13.0	9.5	1 1/16	54.0	22.0	32	49
EDKJ-UNF7/8 DN16	728.1065.516	16.0	12.0	7/8	55.0	21.0	27	50
EDKJ-UNF1 1/16 DN16	728.1065.520	16.0	12.0	1 1/16	56.0	22.0	32	55
EDKJ-UNF1 1/16 DN19	728.1065.620	19.0	15.0	1 1/16	60.5	21.5	32	68
EDKJ-UNF1 5/16 DN19	728.1065.625	19.0	15.0	1 5/16	61.5	22.5	38	80
EDKJ-UNF1 1/16 DN25	728.1065.720	25.5	21.0	1 1/16	70.5	22.5	32	117
EDKJ-UNF1 5/16 DN25	728.1065.725	25.5	21.0	1 5/16	70.5	22.5	38	110
EDKJ-UNF1 5/8 DN25	728.1065.730	25.5	21.0	1 5/8	71.5	23.5	50	127
EDKJ-UNF1 5/8 DN31	728.1065.830	32.0	27.0	1 5/8	78.5	23.0	50	172
EDKJ-UNF1 7/8 DN38	728.1065.932	38.5	33.0	1 7/8	80.5	23.0	60	225
EDKJ-UNF2 1/2 DN51	728.1065.035	50.5	44.5	2 1/2	98.5	24.0	70	392

JIC-Nippel, 45° Bogen

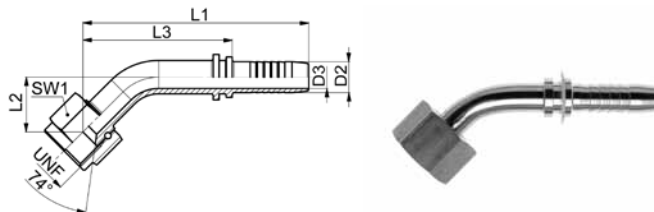
JIC 74° Kegel

JIC-Nipples, 45° elbow

JIC cone 74°

Boquilla JIC a 45°

JIC cono de 74°

EDKJ-45°


Type -UNF	Mat.-Nr.	D2	D3	UNF	L1	L2	L3	SW1	g/Stk
UNF=Einschraubgewinde UNF		UNF=tapered adaptor thread UNF			UNF=rosca de conexión cónica UNF				
EDKJ-UNF7/16 DN06-45°	728.1075.108	6.5	4.0	7/16	66.0	16.0	39.0	17	16
EDKJ-UNF1/2 DN06-45°	728.1075.112	6.5	4.0	1/2	66.0	16.0	39.0	19	18
EDKJ-UNF9/16 DN06-45°	728.1075.110	6.5	4.0	9/16	70.0	18.5	42.0	19	19
EDKJ-UNF1/2 DN08-45°	728.1075.212	8.0	5.0	1/2	72.0	14.0	45.0	19	26
EDKJ-UNF9/16 DN08-45°	728.1075.210	8.0	5.0	9/16	72.0	14.0	45.0	19	27
EDKJ-UNF9/16 DN10-45°	728.1075.310	9.5	7.0	9/16	75.5	19.5	45.5	19	30
EDKJ-UNF3/4 DN10-45°	728.1075.314	9.5	7.0	3/4	75.0	21.5	45.0	24	37
EDKJ-UNF3/4 DN12-45°	728.1075.414	13.0	9.5	3/4	92.0	27.0	60.0	24	63
EDKJ-UNF7/8 DN12-45°	728.1075.416	13.0	9.5	7/8	103.0	35.0	71.0	27	82
EDKJ-UNF7/8 DN16-45°	728.1075.516	16.0	12.0	7/8	110.0	36.0	76.0	27	112
EDKJ-UNF1 1/16 DN16-45°	728.1075.520	16.0	12.0	1 1/16	116.0	41.0	82.0	32	124
EDKJ-UNF1 1/16 DN19-45°	728.1075.620	19.0	15.0	1 1/16	129.0	38.5	90.0	32	156
EDKJ-UNF1 5/16 DN19-45°	728.1075.625	19.0	15.0	1 5/16	139.0	51.0	100.0	38	189
EDKJ-UNF1 5/16 DN25-45°	728.1075.725	25.5	21.0	1 5/16	150.0	35.0	102.0	38	248
EDKJ-UNF1 5/8 DN31-45°	728.1075.830	32.0	27.0	1 5/8	223.0	77.0	167.5	50	574
EDKJ-UNF1 7/8 DN38-45°	728.1075.932	38.5	33.0	1 7/8	246.0	83.0	188.5	60	770
EDKJ-UNF2 1/2 DN51-45°	728.1075.035	50.5	44.5	2 1/2	322.0	116.0	247.5	70	1618

JIC-Nippel, 90° Bogen

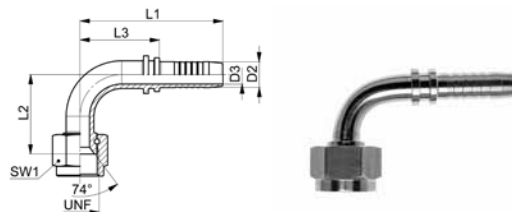
JIC 74° Kegel

JIC-Nipples, 90° elbow

JIC cone 74°

Boquilla JIC a 90°

JIC cono de 74°

EDKJ-90°


Type -UNF	Mat.-Nr.	D2	D3	UNF	L1	L2	L3	SW1	g/Stk
UNF=Einschraubgewinde UNF		UNF=tapered adaptor thread UNF			UNF=rosca de conexión cónica UNF				
EDKJ-UNF7/16 DN06-90°	728.1085.108	6.5	4.0	7/16	51.5	27.0	24.5	17	16
EDKJ-UNF1/2 DN06-90°	728.1085.112	6.5	4.0	1/2	51.5	27.5	24.5	19	18
EDKJ-UNF9/16 DN06-90°	728.1085.110	6.5	4.0	9/16	53.0	29.0	26.0	19	19
EDKJ-UNF1/2 DN08-90°	728.1085.212	8.0	5.0	1/2	57.0	28.0	30.0	19	26
EDKJ-UNF9/16 DN08-90°	728.1085.210	8.0	5.0	9/16	57.0	28.0	30.0	19	27
EDKJ-UNF9/16 DN10-90°	728.1085.310	9.5	7.0	9/16	60.0	30.0	30.0	19	30
EDKJ-UNF3/4 DN10-90°	728.1085.314	9.5	7.0	3/4	60.0	34.0	30.0	24	37
EDKJ-UNF3/4 DN12-90°	728.1085.414	13.0	9.5	3/4	74.0	38.0	42.0	27	63
EDKJ-UNF7/8 DN12-90°	728.1085.416	13.0	9.5	7/8	76.0	50.0	44.0	27	82
EDKJ-UNF7/8 DN16-90°	728.1085.516	16.0	12.0	7/8	86.0	50.0	52.0	27	112
EDKJ-UNF1 1/16 DN16-90°	728.1085.520	16.0	12.0	1 1/16	86.0	59.0	52.0	32	124
EDKJ-UNF1 1/16 DN19-90°	728.1085.620	19.0	15.0	1 1/16	98.0	59.0	59.0	32	156
EDKJ-UNF1 5/16 DN19-90°	728.1085.625	19.0	15.0	1 5/16	99.0	73.0	60.0	38	189
EDKJ-UNF1 5/16 DN25-90°	728.1085.725	25.5	21.0	1 5/16	112.0	63.0	64.0	38	248
EDKJ-UNF1 5/8 DN31-90°	728.1085.830	32.0	27.0	1 5/8	165.0	110.0	109.5	50	574
EDKJ-UNF1 7/8 DN38-90°	728.1085.932	38.5	33.0	1 7/8	188.0	123.0	122.5	60	770
EDKJ-UNF2 1/2 DN51-90°	728.1085.035	50.5	44.5	2 1/2	238.0	163.0	162.5	70	1618

Gerader Adapter

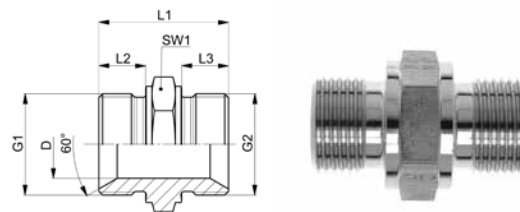
mit 60° Konus und Abdichtung Form B nach DIN 3852-2

Straight adaptors

with 60° taper and sealing form B acc. DIN 3852-2

Adaptador recto

con cono de 60° y junta forma B según DIN 3852-2

EA


Type -G1 /G2	Mat.-Nr.	PN	D	G1	G2	L1	L2	L3	SW1	g/Stk
G1=Rohrgewinde (zylindrisch)				G1=BSP thread (straight)						G1=Rosca de conexión (cilíndrica)
G2=Rohrgewinde (zylindrisch)				G2=BSP thread (straight)						G2=Rosca de conexión (cilíndrica)
EA-G1.8/G1.8	736.6052.090	400	4.0	1/8	1/8	23.0	8.0	8.0	14	14
EA-G1.4/G1.4	736.6052.091	400	6.0	1/4	1/4	29.0	10.0	10.0	19	32
EA-G3.8/G3.8	736.6052.092	400	8.0	3/8	3/8	35.0	12.0	12.0	22	56
EA-G1.2/G1.2	736.6052.093	400	10.0	1/2	1/2	41.0	14.0	14.0	27	100
EA-G5.8/G5.8	736.6052.094	400	12.0	5/8	5/8	43.5	16.0	16.0	30	115
EA-G3.4/G3.4	736.6052.095	400	15.0	3/4	3/4	46.0	16.0	16.0	32	151
EA-G1.1/G1.1	736.6052.096	400	19.0	1	1	52.0	18.0	18.0	41	269
EA-G5.4/G5.4	736.6052.097	200	30.0	1 1/4	1 1/4	58.0	20.0	20.0	50	410
EA-G3.2/G3.2	736.6052.098	200	32.0	1 1/2	1 1/2	61.0	22.0	22.0	55	511
EA-G4.2/G4.2	736.6052.099	100	39.0	2	2	61.0	22.0	22.0	70	817

Gerader Reduzieradapter

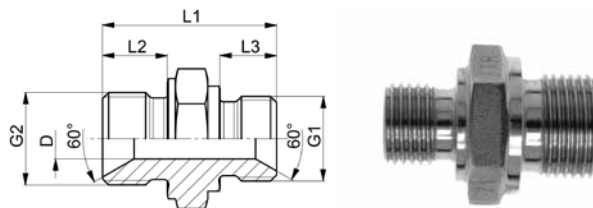
mit 60° Konus und Abdichtung Form B nach DIN 3852-2

Straight reducing adaptors

with 60° taper and sealing form B acc. DIN 3852-2

Adaptador de reducción recto

con cono de 60° y junta forma B según DIN 3852-2

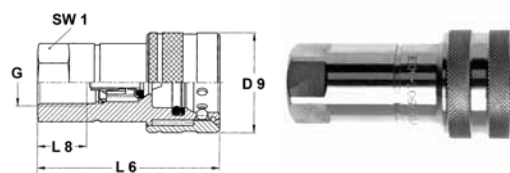

EAR

Type -G1 /G2	Mat.-Nr.	PN	D	G1	G2	L1	L2	L3	SW1	g/Stk
G1=Rohrgewinde (zylindrisch)				G1=BSP thread (straight)						G1=Rosca de conexión (cilíndrica)
G2=Rohrgewinde (zylindrisch)				G2=BSP thread (straight)						G2=Rosca de conexión (cilíndrica)
EAR-G1.4/G1.8	736.6053.600	400	4.0	1/4	1/8	28.0	8.0	12.0	19	33
EAR-G3.8/G1.8	736.6053.601	400	4.0	3/8	1/8	32.0	8.0	12.0	22	47
EAR-G3.8/G1.4	736.6053.602	400	6.0	3/8	1/4	35.0	12.0	12.0	22	53
EAR-G1.2/G1.4	736.6053.603	400	6.0	1/2	1/4	39.0	12.0	14.0	27	98
EAR-G1.2/G3.8	736.6053.604	400	8.0	1/2	3/8	39.5	14.0	12.0	27	93
EAR-G5.8/G3.8	736.6053.605	400	8.0	5/8	3/8	40.5	16.0	12.0	30	110
EAR-G5.8/G1.2	736.6053.606	400	10.0	5/8	1/2	43.0	16.0	14.0	30	120
EAR-G3.4/G3.8	736.6053.607	400	8.0	3/4	3/8	42.5	16.0	12.0	32	142
EAR-G3.4/G1.2	736.6053.608	400	10.0	3/4	1/2	45.0	16.0	14.0	32	153
EAR-G3.4/G5.8	736.6053.609	400	12.0	3/4	5/8	46.0	16.0	16.0	32	152
EAR-G1.1/G3.8	736.6053.610	400	8.0	1	3/8	45.5	12.0	18.0	41	236
EAR-G1.1/G1.2	736.6053.611	400	10.0	1	1/2	48.0	14.0	18.0	41	247
EAR-G1.1/G3.4	736.6053.612	400	15.0	1	3/4	54.0	16.0	18.0	41	252
EAR-G5.4/G3.4	736.6053.613	200	15.0	1 1/4	3/4	54.0	16.0	20.0	50	404
EAR-G5.4/G1.1	736.6053.614	200	20.0	1 1/4	1	56.0	18.0	20.0	50	414
EAR-G3.2/G1.1	736.6053.615	200	20.0	1 1/2	1	61.0	18.0	22.0	55	578
EAR-G3.2/G5.4	736.6053.616	200	22.0	1 1/2	1 1/4	63.0	20.0	22.0	55	633
EAR-G4.2/G5.4	736.6053.617	100	22.0	2	1 1/4	65.5	20.0	24.0	70	976
EAR-G4.2/G3.2	736.6053.618	100	32.0	2	1 1/2	67.5	22.0	24.0	70	935

Schnellverschluß-Kupplungen ISO "B", Muffe

Quick couplings ISO "B", coupler

Acoplamientos de cierre rápido ISO "B", manguito

EKM


Type -G	Mat.-Nr.	PN	D	G	L1	L2	L3	SW1
G=Rohrgewinde (zylindrisch)		G=BSP thread (straight)					G=rosca de conexión (cilíndrica)	
EKM-106/G1.4	736.7155.091	300	28.0	1/4	76.0	60.0	12.0	19
EKM-210/G3.8	736.7155.092	280	35.0	3/8	86.0	67.5	12.0	24
EKM-313/G1.2	736.7155.093	250	44.0	1/2	97.0	76.0	14.0	30
EKM-420/G3.4	736.7155.094	200	52.0	3/4	114.0	91.5	16.0	36
EKM-520/G1.1	736.7155.095	200	60.0	1	131.0	106.0	18.0	41

Werkstoff: Edelstahl 1.4401

Dichtung: FKM

Betriebstemperatur: -30 °C bis +150 °C

L1=Gesamtlänge im gekuppelten Zustand

Material: stainless steel AISI 316

Sealing: FKM

Working temperature: -30 °C up to +150 °C

L1=total length when coupled

Material: acero inoxidable 1.4401

Cierre hermético: FKM

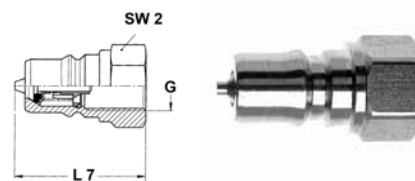
Temperatura de servicio: -30 °C a +150 °C

L1=longitud total en el estado acoplado

Schnellverschluß-Kupplungen ISO "B", Stecker

Quick couplings ISO "B", nipple

Acoplamientos de cierre rápido ISO "B", racor

EKS


Type -G	Mat.-Nr.	PN	G	L1	L2	SW2
G=Rohrgewinde (zylindrisch)		G=BSP thread (straight)				G=rosca de conexión (cilíndrica)
EKS-106/G1.4	736.7156.091	300	1/4	76.0	38.0	19
EKS-210/G3.8	736.7156.092	280	3/8	86.0	43.0	22
EKS-313/G1.2	736.7156.093	250	1/2	97.0	48.5	27
EKS-420/G3.4	736.7156.094	200	3/4	114.0	57.0	34
EKS-520/G1.1	736.7156.095	200	1	131.0	65.5	41

Werkstoff: Edelstahl 1.4401

Dichtung: FKM

Betriebstemperatur: -30 °C bis +150 °C

Stützring: PTFE

L1=Gesamtlänge im gekuppelten Zustand

Material: stainless steel AISI 316

Sealing: FKM

Working temperature: -30 °C up to +150 °C

Support ring: PTFE

L1=total length when coupled

Material: acero inoxidable 1.4401

Cierre hermético: FKM

Temperatura de servicio: -30 °C a +150 °C

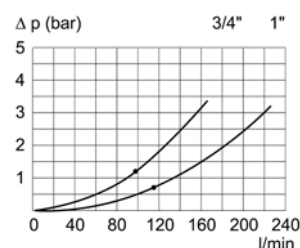
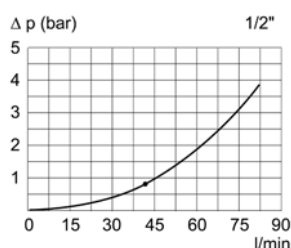
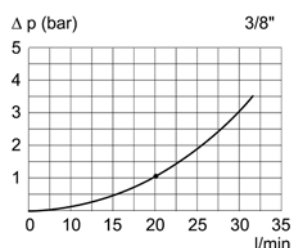
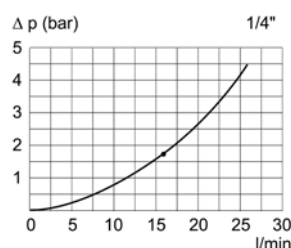
Anillo soporte: PTFE

L1=longitud total en el estado acoplado

Durchfluss:

Flow rate:

Flujo:



Pressfassungen

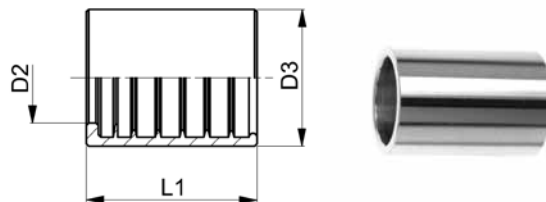
für Hydraulikschläuche 1SC, 2SC (DIN 857),
1SN (DIN 853), Schlauch ungeschält

Ferrules

for hydraulic hoses 1SC, 2SC (DIN 857),
1SN (DIN 853), hose unpeeled

Casquillo para prensar

Para mangueras hidráulicas 1SC, 2SC (DIN 857),
1 SN (DIN 853), manguera no peladar


EF-10

Type	Mat.-Nr.	D2	D3	L1	g/Stk
EF10-DN06	736.8050.060	12.0	20.0	30.0	26
EF10-DN08	736.8050.080	13.0	22.0	30.0	30
EF10-DN10	736.8050.100	16.0	25.0	32.0	43
EF10-DN12	736.8050.120	19.0	28.0	35.0	51
EF10-DN16	736.8050.160	22.0	32.0	37.0	70
EF10-DN19	736.8050.200	25.0	36.0	42.0	96
EF10-DN25	736.8050.250	31.0	44.0	50.0	145
EF10-DN31	736.8050.320	38.0	53.0	60.0	222
EF10-DN38	736.8050.400	44.0	61.0	62.0	265
EF10-DN51	736.8050.500	57.0	75.0	79.0	463

Pressfassungen

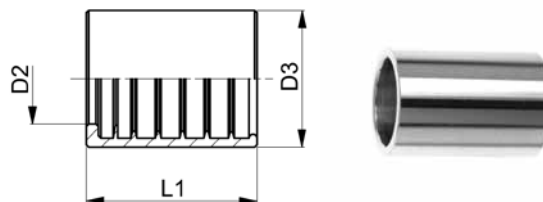
für Hydraulikschläuche 2SN (DIN 853), Schlauch ungeschält

Ferrules

for hydraulic hoses 2SN (DIN 853), hose unpeeled

Racores para engatillado

Para mangueras hidráulicas 2SN (DIN 853), manguera no pelada

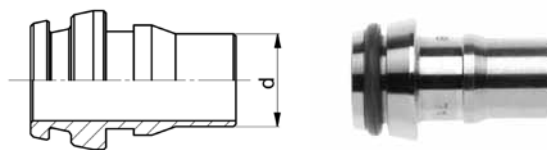

EF-20

Type	Mat.-Nr.	D2	D3	L1	g/Stk
EF20-DN06	736.8150.060	11.0	23.0	30.0	37
EF20-DN08	736.8150.080	12.0	25.0	30.0	44
EF20-DN10	736.8150.100	15.0	28.0	32.0	49
EF20-DN12	736.8150.120	18.0	31.0	35.0	70
EF20-DN16	736.8150.160	21.0	34.0	37.0	80
EF20-DN19	736.8150.200	24.0	38.0	42.0	103
EF20-DN25	736.8150.250	31.0	48.0	50.0	169
EF20-DN31	736.8150.320	37.0	59.0	60.0	265
EF20-DN38	736.8150.400	44.0	67.0	65.0	374
EF20-DN51	736.8150.500	57.0	80.0	79.0	589

Schlauch-Adapter

Hose adaptor

Adaptador para tubos flexibles

ESA


Type -D1	Mat.-Nr.	PN	d	M	O-ring1	g/Stk
M=metrisches Gewinde (zylindrisch)		M=metric thread (straight)		M=rosca métrica (cilindrica)		
ESA-06L04	708.0502.110.20	20	4.00	12x1.5	4.0x1.5	2
ESA-08L06	708.0502.140.20	20	6.00	14x1.5	6.0x1.5	2
ESA-10L08	708.0502.190.20	20	8.00	16x1.5	7.5x1.5	4
ESA-12L10	708.0502.240.20	20	10.00	18x1.5	9.0x1.5	5
ESA-15L12	708.0502.420.20	20	12.00	22x1.5	12.0x2.0	8

Passend für 24° Innenkonus,
Baureihe L, O-Ring FKM

For 24° conus connections
Serie L, O-Ring FKM

Apto para cono interior de 24°
Serie L, junta tórica FKM

Für dünnwandige Kunststoffrohre

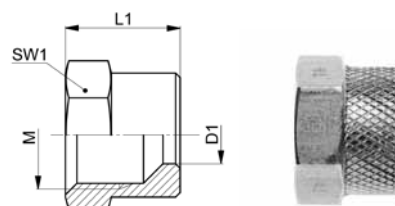
For thin-walled flexible hose

Para tubos flexibles de plástico
de pared delgada

Schlauch-Überwurfmutter

Hose nut

Tuercas de unión para tubos flexibles

SÜM


Type -D1	Mat.-Nr.	PN	M	L1	SW1	g/Stk
M=metrisches Gewinde (zylindrisch)		M=metric thread (straight)		M=rosca métrica (cilindrica)		
SÜM-06L	706.0204.060.20	20	12x1.5	12.5	14	7
SÜM-08L	706.0204.080.20	20	14x1.5	12.5	17	12
SÜM-10L	706.0204.100.20	20	16x1.5	13.0	19	17
SÜM-12L	706.0204.120.20	20	18x1.5	13.5	22	23
SÜM-15L	706.0204.150.20	20	22x1.5	15.5	27	36

Zur Verwendung mit Schlauch-Adapter ESA

For use with hose adaptor ESA

Utilizar con adaptador para tubos flexibles ESA

Schlaucharmatur

Hose coupling

Armadura para tubos

Hydraulikschläuche
Hydraulic hoses
**Mangueras
hidráulicas**
Schlauchtypen
Hose types
Tipo di manguera

Schlauch Hose Manguera	Typ Type Tipo	DIN	SAE
1 Drahteinlage mit dünner Außenschicht 1 wire inlet with thin covering 1 malla metálica con cubierta fina	1 SN	DIN EN 853	100 R 1 AT
2 Drahteinlagen mit dünner Außenschicht 2 wire inlets with thin covering 2 mallas metálicas con cubierta fina	2 SN	DIN EN 853	100 R 2 AT
1 Drahteinlage mit dünner Außenschicht 1 wire inlet with thin covering 1 malla metálica con cubierta fina	1 SC	DIN EN 857	
2 Drahteinlagen mit dünner Außenschicht 2 wire inlets with thin covering 2 mallas metálicas con cubierta fina	2 SC	DIN EN 857	

Pressmaße
Crimp dimensions
Dimensiones di prensado

Pressfassungen — Ferrules — Casquillo para prensar			
Typ Type Tipo	Für Schlauch For Hoses Para Mangueras	Bemerkungen Remarks Notas	theor. Pressmaß Ø [mm] Crimp dimension theor. Ø [mm] Dimensiones de prensado teor. Ø [mm]
EF10-DN06	1 SN	Schlauch nicht geschält Hose non-skived Tubo sin pelar	16.0
EF10-DN08			18.0
EF10-DN10			20.6
EF10-DN12			24.2
EF10-DN16			27.6
EF10-DN19			30.5
EF10-DN25			39.4
EF10-DN31			47.0
EF10-DN38			54.5
EF10-DN51			68.8

Pressfassungen — Ferrules — Casquillo para prensar			
Typ Type Tipo	Für Schlauch For Hoses Para Mangueras	Bemerkungen Remarks Notas	theor. Pressmaß Ø [mm] Crimp dimension theor. Ø [mm] Dimensiones de prensado teor. Ø [mm]
EF20-DN06	2 SN	Schlauch nicht geschält Hose non-skived Tubo sin pelar	19.0
EF20-DN08			20.6
EF20-DN10			23.4
EF20-DN12			26.7
EF20-DN16			29.5
EF20-DN19			33.0
EF20-DN25			41.5
EF20-DN31			51.3
EF20-DN38			60.5
EF20-DN51			73.5

Pressmaße

(Fortsetzung)

Crimp dimensions

(cont.)

Dimensiones di
prensado (cont.)

Pressfassungen — Ferrules — Casquillo para prensar			
Typ Type Tipo	Für Schlauch For Hoses Para Mangueras	Bemerkungen Remarks Notas	theor. Pressmaß Ø [mm] Crimp dimension theor. Ø [mm] Dimensiones de prensado teór. Ø [mm]
EF10-DN06	1 SC	Schlauch nicht geschält Hose non-skived Tubo sin pelar	15.8
EF10-DN08			17.8
EF10-DN10			20.4
EF10-DN12			23.8
EF10-DN16			27.6
EF10-DN19			30.5
EF10-DN25			39.2

Pressfassungen — Ferrules — Casquillo para prensar			
Typ Type Tipo	Für Schlauch For Hoses Para Mangueras	Bemerkungen Remarks Notas	theor. Pressmaß Ø [mm] Crimp dimension theor. Ø [mm] Dimensiones de prensado teór. Ø [mm]
EF10-DN06	2 SC	Schlauch nicht geschält Hose non-skived Tubo sin pelar	16.2
EF10-DN08			18.2
EF10-DN10			20.8
EF10-DN12			24.3
EF10-DN16			28.1
EF10-DN19			30.5
EF10-DN25			39.2

Die Pressmaße sind Richtwerte. Das ordnungsgemäße Verpressen der Armatur ist vom Schlauchkonfektionär mit entsprechenden Mitteln zu prüfen. Die Pressmaße unterliegen nicht dem Änderungsdienst.

The crimp dimensions are standard values. The duly grouting of the hose fitting has to be checked with appropriate means. The crimp dimensions are not in the revision service.

Las dimensiones de prensado son valores standard. El prensado de los rácores para manguera tiene que verificarse con las herramientas apropiadas. Las dimensiones de prensado no se incluyen en la revisión de servicio.

Hinweise zur Verlegung von Schlauchleitungen

1. Grundsätzliches

Eine Schlauchleitung darf niemals auf Torsion beansprucht werden; sie darf schon beim Einbau nicht verdreht werden. Unter Belastung kann sich eine Schlauchleitung in der Länge ändern. Eine Verkürzung bedeutet zusätzliche Zugspannung des Schlauches, deshalb leicht durchhängen lassen.

Überwurfmuttern nur soweit anziehen, bis der Anschluss dicht ist. Weiteres Anziehen verbessert die Dichtigkeit nicht, sondern beschädigt den Anschluss.

2. Gekrümmter Einbau

Bei gekrümmtem Einbau ist auf den zulässigen Biegeradius zu achten. Scharfe Knicke sind zu vermeiden. Bei der Längenberechnung einer gekrümmt verlegten Schlauchleitung ist zu beachten, dass die Anschlussarmaturen nicht flexibel sind. Die richtige Bemessung der freien Schlauchlänge zwischen den Armaturen ist daher wesentlich.

Für einen zweckmäßigen Einbau von Schlauchleitungen stehen Rohrkrümmer zur Verfügung. Der Radius dieser Verschraubung ist so klein, dass auch bei beengten Einbauverhältnissen eine richtige Verlegung der Schlauchleitung möglich ist.

Rohrkrümmer sind auch dort angebracht, wo die Anordnung der Anschlüsse einen "hängenden" Bogen nicht zulässt und bei "stehendem" Bogen stets eine Knickgefahr hinter der Schlauchfassung besteht.

Erforderliche Halterungen in der richtigen Größe verwenden. Der Schlauch darf nicht in der Halterung reiben, aber auch nicht gequetscht werden.

Information on installing hose lines

1. General

A hose line may never be subjected to torsion; i.e. it may not be twisted or contorted during installation. If strained, a hose line may change in length. A shortening of the line indicates tensile strain, which means it should be given additional slack.

Coupling nuts should only be tightened up to the point of leak-tightness. Further tightening will not improve the leak-tightness of the connection, but will damage it.

2. Curved installations

For installations which require bending, the permissible bending radius must be observed. Sharp bends (kinks) in the line should be avoided. When calculating the length of an installation with bends, remember that the connection fittings are not flexible. It is therefore essential to accurately measure the free hose length between the fittings.

For convenient installation of hose lines, elbows are available. The radius of these connectors is so small that hose lines can be easily installed even in cramped situations.

Elbows are also useful where the arrangement does not permit a "hanging" bend and where there is risk of buckling after the hose joint in "upright" bends.

Supports, if required, should always be in the right dimension. The hose may neither rub against the support, nor be crushed by it.

Información de la instalación de mangueras

1. Generalidades

Las tuberías flexibles no deben someterse nunca a esfuerzos de torsión y no deben torcerse durante el montaje. La longitud de una tubería flexible puede variar bajo carga. Una acortamiento representa una tensión de tracción adicional del tubo flexible; por esta razón, dejar que cuelgue ligeramente.

Apretar las tuercas de unión solo hasta que la conexión sea estanca. Si se continúa apretando, no se mejora la estanquidad sino que se daña la conexión.

2. Montaje curvado

Para el montaje curvado debe respetarse el radio de curvatura (flexión) admisible. Evitar codos muy cerrados. A la hora de calcular la longitud de una tubería flexible con montaje curvado debe tenerse en cuenta que las valvulerías de la conexión no son flexibles. Por consiguiente, es fundamental dimensionar correctamente la longitud de tubo flexible libre entre las valvulerías.

Para el montaje correcto de tuberías flexibles existen tubos acodados. El radio de esta unión roscada es tan pequeño que permite montar correctamente la tubería flexible incluso en condiciones de poco espacio.

Los tubos acodados son idóneos también cuando la situación de las conexiones no permite un codo "colgante" y hay peligro de que el tubo flexible se doble después del engaste si se utilizan codos "verticales".

Los soportes necesarios deben tener el tamaño adecuado. El tubo flexible no debe rozar dentro del soporte y no quedar aplastado.

Schlaucharmatur

Hose coupling

Armadura para tubos

Montageanleitung Schlauchverpressung

Assembly instructions for hose fittings

Instrucciones de montaje para el prensado de tubos flexibles

Anleitung zum Verpressen

- Wählen Sie alle Komponenten zur Fertigung der Schlauchleitung anhand unseres aktuellen Kataloges aus. Für die anschlussseitigen Befestigungen stehen eine Reihe von Armaturen zur Verfügung.

Schlaucharmaturen müssen so ausgewählt werden, dass sie den zu erwartenden mechanischen, thermischen und chemischen Beanspruchungen standhalten.

- Schneiden Sie den ausgewählten Schlauch, mit einem für den Schlauch vorgesehenem Schneideblatt, senkrecht, auf die gewünschte Länge.

- Setzen Sie die Fassung komplett über das Schlauchende und schieben Sie die Pressfassung bis zum Anschlag über den Schlauch.

Schmieren Sie das schlauchseitige Fußteil des Nippels mit unserer ASW-Fettpaste, danach schieben Sie den Nippel in das Schlauchende. Überprüfen Sie, ob die Einhängenut zwischen Fassung und Schlauchnippel richtig positioniert wurde.

- Zum Verpressen der Schlauchleitung wählen Sie bitte den Pressbackensatz, der dem angegebenen Pressmaß am nächsten liegt, aus. Bei z.B. einem Pressmaß von 23 mm verwenden Sie einen Backensatz von 22 mm.

- Um die Verpressung zu kontrollieren, prüfen Sie bitte mit Hilfe einer Schieblehre den Durchmesser der nun verpressten Fassung, mittig, in drei verschiedenen Positionen, ca. 120° voneinander versetzt. Diese drei Messungen müssen dem Pressmaß entsprechen. Falls das Pressmaß nicht erreicht wurde, erhöhen Sie bitte die Einstellung Ihrer Maschine in 0.1 mm Schritten, um den korrekten Durchmesser zu erreichen.

Trotz empfohlenem Pressmaß ist es notwendig, den Nippeleinfall zu messen. Der korrekte Nippeleinfall beträgt in der Regel, je Durchmesser, zwischen 0.1 und 0.5 mm.

- Eine zweifache Verpressung ist zu vermeiden, da dies die Lebenserwartung einer Schlauchleitung verringert. Benutzen Sie daher Pressbacken, die lang genug sind, um die Fassung komplett zu verpressen.

Pressfassungen dürfen nicht wiederverwendet werden.

Pressing instructions

- Select all the components you need for your hose line from our current catalogue. We have a number of connection options to choose from.

Hose fittings must be selected according to the anticipated mechanical, thermal and chemical loads.

- Cut the selected hose to length, perpendicularly with a blade appropriate for hoses.

- Mount the fitting completely over the hose end and slide the socket over the hose until the stop.

Grease the hose side part of the nipple with our ASW paste and then insert the nipple in the hose end. Check, that the groove between the socket and the hose nipple is positioned correctly.

- Please use the press jaws closest in dimension, e.g. for a press dimension of 23 mm, use 22 mm jaws.

- With the help of a slide gauge, check the diameter of the pressed socket, centred, in three different positions, approx. 120° apart. These three measurements must correspond to the press dimension. If the press dimension has not been realized, increase the setting on your machine in 0.1 mm increments until the correct diameter is reached.

Despite the recommended press dimension, it is also necessary to measure the nipple deformation. The correct nipple deformation is generally, depending on the diameter, between 0.1 und 0.5 mm.

- A second pressing should be avoided since this reduces the life expectancy of a hose line. That is why press jaws should be used which are long enough to completely press the socket.

Press sockets may not be reused.

Instrucciones de prensado

- Elegir los componentes para la elaboración de tuberías flexibles en nuestro catálogo actual. Para las fijaciones del lado de conexión puede elegirse entre varias valvulerías.

Elegir valvulerías para las tuberías flexibles que resistan las cargas mecánicas, térmicas y químicas esperadas.

- Cortar el tubo flexible elegido con una cuchilla adecuada, tronzando en perpendicular a la longitud deseada.

- Introducir el extremo del tubo completamente en el engaste y empuje el engaste de prensado sobre el tubo hasta llegar al tope.

Lubricar la pieza base de la boquilla del lado del tubo con nuestra grasa ASW e introducir la boquilla en el extremo del tubo. Comprobar si la ranura de enganche entre la valvulería y la boquilla del tubo flexible se ha situado correctamente.

- Para prensar la tubería flexible, elegir el juego de mordazas de prensado que mejor se ajuste a la medida de prensado especificada. Para una medida de prensado de 23 mm, por ejemplo, utilizar un juego de mordazas de 22 mm.

- Para verificar el prensado, utilizar un pie de rey para comprobar el diámetro del engaste prensado en el centro en tres posiciones diferentes, separadas aproximadamente 120° una de otra. Las tres mediciones deben corresponder a la medida de prensado. Si no se alcanza la medida de prensado, aumentar el ajuste de la máquina en pasos de 0.1 mm hasta conseguir el diámetro correcto.

Pese a la medida de prensado recomendada, es necesario medir el grado de compresión de la boquilla. La compresión correcta de la boquilla suele ser de 0.1 a 0.5 mm, según diámetro.

- Evitar el prensado doble, pues acorta la esperanza de vida de la tubería flexible. Utilizar mordazas de prensado que sean suficientemente largas para prensar el engaste completo.

Los engastes de prensado no deben reutilizarse.

Schlaucharmatur

Hose coupling

Armadura para tubos

Montageanleitung Schlauchverpressung (Forts.)

Assembly instructions for hose fittings (cont.)

Instrucciones de montaje para el prensado de tubos flex. (cont.)

- Die Kennzeichnung muss dauerhaft und unter Berücksichtigung der jeweiligen Schlauchnormen erfolgen.

Anmerkung

- Sämtliche Fertigungstoleranzen sowie weitere technische Informationen zur Fertigung von Schlauchleitungen entnehmen Sie der DIN 20066.
- Wir weisen darauf hin, dass sich die genannten Angaben zur Fertigung von Schlauchleitungen nur auf die Verwendung von EXMAR-Produkten beziehen. Bei Verwendung anderer Fabrikate ist ein Kompatibilitätstest anzufordern.

- Identification must be permanent and according to the respective hose standards.

Note

- All manufacturing tolerances, as well as additional technical data on the manufacture of hose lines can be found in DIN 20066.
- We would like to point out that the above information on assembling hose lines is only applicable to the use of EXMAR products. If other brands are used, a compatibility test should be requested.

- La identificación ha de ser indeleble y realizarse de acuerdo con las oportunas normas para tubos flexibles.

Nota

- Para conocer las tolerancias de fabricación y demás información técnica relativa a la elaboración de tuberías flexibles, consultar la norma DIN 20066.
- Hacemos hincapié en que los datos mencionados para la fabricación de tuberías flexibles se refieren solamente a la utilización de productos EXMAR. Para utilizar productos de otras marcas deberá solicitarse una prueba de compatibilidad.

