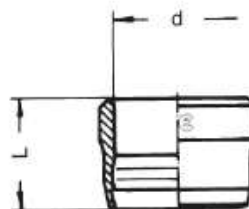
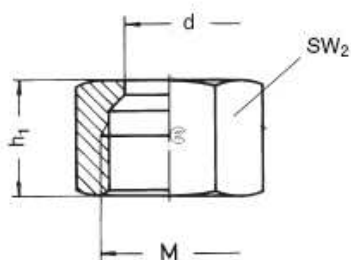


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W ofercie mamy, również inne typy !!!

M – Nakrętka, D (DPR) – Pierścień zacinający

Reihe Series	PN bar	Rohr AD Tube OD	M	d	SW ₂	h ₁	L	Bestell-Nr. Part-No. Überwurfmutter Nut	kg/100 p	Bestell-Nr. Part-No. Schneidring Cutting ring	kg/100
LL	100	4	M 8×1	4	10	11,5	6,0	C-M 4-LL	0,4	C-D 4-LL	0,03
		6	M 10×1	6	12	12,0	7,0	C-M 6-LL	0,6	C-D 6-LL	0,08
		8	M 12×1	8	14	12,5	7,0	C-M 8-LL	0,7	C-D 8-LL	0,10
L	315	6	M 12×1,5	6	14	15,0	9,0	C-M 6-L	1,0	C-D 6-L	0,15
		8	M 14×1,5	8	17	15,0	9,0	C-M 8-L	1,5	C-D 8-L	0,20
		10	M 16×1,5	10	19	16,0	10,5	C-M 10-L	1,8	C-D 10-L	0,29
		12	M 18×1,5	12	22	16,0	9,7	C-M 12-L	2,4	C-D 12-L	0,35
		15	M 22×1,5	15	27	17,5	9,5	C-M 15-L	4,1	C-D 15-L	0,42
		18	M 26×1,5	18	32	18,0	9,5	C-M 18-L	6,2	C-D 18-L	0,50
	160	22	M 30×2	22	36	20,5	10,5	C-M 22-L	8,6	C-D 22-L	0,62
		28	M 36×2	28	41	21,0	11,0	C-M 28-L	9,4	C-D 28-L	0,78
		35	M 45×2	35	50	24,0	13,5	C-M 35-L	14,8	C-D 35-L	1,75
		42	M 52×2	42	60	24,0	13,5	C-M 42-L	23,8	C-D 42-L	2,30
S	630	6	M 14×1,5	6	17	16,0	9,0	C-M 6-S	1,6	C-D 6-S	0,15
		8	M 16×1,5	8	19	16,0	9,0	C-M 8-S	1,9	C-D 8-S	0,20
		10	M 18×1,5	10	22	17,5	10,5	C-M 10-S	2,9	C-D 10-S	0,28
		12	M 20×1,5	12	24	18,0	9,7	C-M 12-S	3,4	C-D 12-S	0,34
		14	M 22×1,5	14	27	20,0	9,5	C-M 14-S	5,0	C-D 14-S	0,38
	400	16	M 24×1,5	16	30	21,0	10,5	C-M 16-S	6,4	C-D 16-S	0,55
		20	M 30×2	20	36	24,0	12,5	C-M 20-S	10,4	C-D 20-S	1,00
		25	M 36×2	25	46	26,5	12,5	C-M 25-S	21,0	C-D 25-S	1,35
		30	M 42×2	30	50	29,5	13,0	C-M 30-S	22,8	C-D 30-S	1,76
	315	38	M 52×2	38	60	32,5	13,0	C-M 38-S	33,6	C-D 38-S	2,17

EGE – Przyłącze nakrętne**Einschraubstutzen:**

mit Dichtkegel und O-Ring nach DIN 3865
 und Weichdichtung (NBR, Viton)

Einschraubgewinde:

Whitworth-Rohrgewinde (zylindr.)
 und

Einschraubgewinde:

Metrisch

Standpipe adaptors:

with paper and O-ring to DIN 3865
 and captive seal (NBR, Viton)

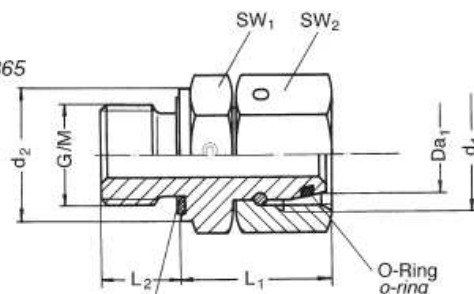
stud thread:

BSPP thread (parallel)

and

stud thread:

metric



Weichdichtung C-DR
 soft-sealing NBR, Viton

Einschraubgewinde: Whitworth-Rohrgewinde / Stud. thread: metric BSPP

Reihe Series	PN bar	Rohr AD Tube OD		L ₁	L ₂	SW ₁	SW ₂	d ₂	Einschr.- zapfen M. stud thread	O-Ring O-ring	Bestell-Nr. Part-No.	kg/100
L	315	6	M 12×1,5	24,5	8	14	14	14	G 1/8 A	4,0×1,5	C-EGE 6-LR-WD	2,4
		8	M 14×1,5	29,5	12	19	17	19	G 1/4 A	6,0×1,5	C-EGE 8-LR-WD	4,4
		10	M 16×1,5	27,5	12	19	19	19	G 1/4 A	7,5×1,5	C-EGE 10-LR-WD	4,7
		12	M 18×1,5	34,0	12	22	22	22	G 3/8 A	9,0×1,5	C-EGE 12-LR-WD	6,9
		15	M 22×1,5	32,0	14	27	27	27	G 1/2 A	12,0×2,0	C-EGE 15-LR-WD	12,1
		18	M 26×1,5	31,5	14	27	32	27	G 1/2 A	15,0×2,0	C-EGE 18-LR-WD	13,4
	160	22	M 30×2	32,5	16	32	36	32	G 3/4 A	20,0×2,0	C-EGE 22-LR-WD	19,6
		28	M 36×2	35,0	18	41	41	40	G 1 A	26,0×2,0	C-EGE 28-LR-WD	36,0
		35	M 45×2	42,5	20	50	50	50	G 1 1/4 A	32,0×2,5	C-EGE 35-LR-WD	45,5
		42	M 52×2	46,5	22	55	60	55	G 1 1/2 A	38,0×2,5	C-EGE 42-LR-WD	66,2
S	630	6	M 14×1,5	27,0	12	19	17	19	G 1/4 A	4,0×1,5	C-EGE 6-SR-WD	4,5
		8	M 16×1,5	29,5	12	19	19	19	G 1/4 A	6,0×1,5	C-EGE 8-SR-WD	5,0
		10	M 18×1,5	32,0	12	22	22	22	G 3/8 A	7,5×1,5	C-EGE 10-SR-WD	7,4
		12	M 20×1,5	34,0	12	22	24	22	G 3/8 A	9,0×1,5	C-EGE 12-SR-WD	8,2
		14	M 22×1,5	36,5	14	27	27	27	G 1/2 A	10,0×2,0	C-EGE 14-SR-WD	12,6
	400	16	M 24×1,5	37,0	14	27	30	27	G 1/2 A	12,0×2,0	C-EGE 16-SR-WD	14,6
		20	M 30×2	43,0	16	32	36	32	G 3/4 A	16,3×2,4	C-EGE 20-SR-WD	22,1
		25	M 36×2	48,0	18	41	46	40	G 1 A	22,3×2,4	C-EGE 25-SR-WD	40,2
		30	M 42×2	51,0	20	50	50	50	G 1 1/4 A	27,3×2,4	C-EGE 30-SR-WD	58,2
	315	38	M 52×2	60,0	22	55	60	55	G 1 1/2 A	33,3×2,4	C-EGE 38-SR-WD	78,6

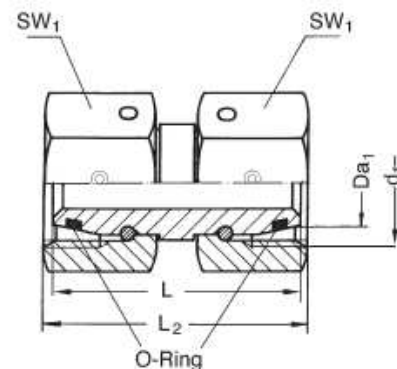
Einschraubgewinde: Metrische Gewinde (zylindr.) / Stud. thread: metric (parallel)

Reihe Series	PN bar	Rohr AD Tube OD		L ₁	L ₂	SW ₁	SW ₂	d ₂	Einschr.- zapfen M. stud thread	O-Ring O-ring	Bestell-Nr. Part-No.	kg/100
L	315	6	M 12×1,5	24,5	8	14	14	14	M 10×1	4,0×1,5	C-EGE 6-LM-WD	2,3
		8	M 14×1,5	29,5	12	17	17	17	M 12×1,5	6,0×1,5	C-EGE 8-LM-WD	3,8
		10	M 16×1,5	27,5	12	19	19	19	M 14×1,5	7,5×1,5	C-EGE 10-LM-WD	4,8
		12	M 18×1,5	34,0	12	22	22	22	M 16×1,5	9,0×1,5	C-EGE 12-LM-WD	6,7
		15	M 22×1,5	32,0	14	24	27	24	M 18×1,5	12,0×2,0	C-EGE 15-LM-WD	10,1
		18	M 26×1,5	31,5	14	27	32	27	M 22×1,5	15,0×2,0	C-EGE 18-LM-WD	13,8
	160	22	M 30×2	32,5	16	32	36	32	M 26×1,5	20,0×2,0	C-EGE 22-LM-WD	19,9
		28	M 36×2	35,0	18	41	41	40	M 33×2	26,0×2,0	C-EGE 28-LM-WD	35,8
		35	M 45×2	42,5	20	50	50	50	M 42×2	32,0×2,5	C-EGE 35-LM-WD	45,0
		42	M 52×2	46,5	22	55	60	55	M 48×2	38,0×2,5	C-EGE 42-LM-WD	70,8
S	630	6	M 14×1,5	27,0	12	19	17	19	M 12×1,5	4,0×1,5	C-EGE 6-SM-WD	4,0
		8	M 16×1,5	29,5	12	19	19	19	M 14×1,5	6,0×1,5	C-EGE 8-SM-WD	5,1
		10	M 18×1,5	32,0	12	22	22	22	M 16×1,5	7,5×1,5	C-EGE 10-SM-WD	7,1
		12	M 20×1,5	34,0	12	22	24	22	M 18×1,5	9,0×1,5	C-EGE 12-SM-WD	8,9
		14	M 22×1,5	36,5	14	27	27	27	M 20×1,5	10,0×2,0	C-EGE 14-SM-WD	12,1
	400	16	M 24×1,5	37,0	14	27	30	27	M 22×1,5	12,0×2,0	C-EGE 16-SM-WD	14,8
		20	M 30×2	43,0	16	32	36	32	M 27×2	16,3×2,4	C-EGE 20-SM-WD	22,3
		25	M 36×2	48,0	18	41	46	40	M 33×2	22,3×2,4	C-EGE 25-SM-WD	40,0
		30	M 42×2	51,0	20	50	50	50	M 42×2	27,3×2,4	C-EGE 30-SM-WD	58,3
	315	38	M 52×2	60,0	22	55	60	55	M 48×2	33,3×2,4	C-EGE 38-SM-WD	78,2

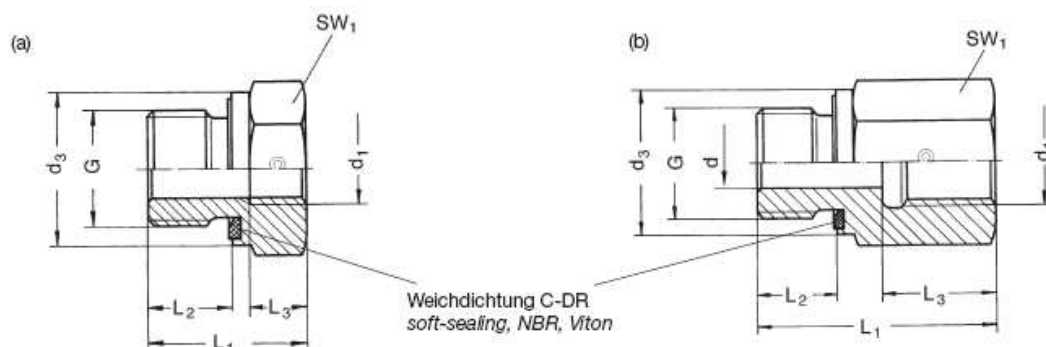
GZ – Złącze nakrętne

Gerade Verschraubung für Konen:
 beidseitig Dichtkegel und
 O-Ring nach DIN 3865

Straight coupling for cones:
 taper on both ends
 and O-ring to DIN 3865



Reihe Series	PN bar	Rohr AD Tube OD Da ₁	d ₁	L ₁	L ₂	SW ₁	O-Ring O-ring	Bestell-Nr. Part-No.	kg/100
L	500	6	M 14×1,5	34	36	17	4,0×1,5	C-GZ 6-L	*)
		8	M 14×1,5	34	36	17	6,0×1,5	C-GZ 8-L	*)
		10	M 16×1,5	36	37	19	7,5×1,5	C-GZ 10-L	*)
	400	12	M 18×1,5	36	37	22	9,0×1,5	C-GZ 12-L	*)
		15	M 22×1,5	39	40	27	12,0×2,0	C-GZ 15-L	*)
		18	M 26×1,5	40,5	42,5	32	15,0×2,0	C-GZ 18-L	*)
	250	22	M 30×2	45	47	36	20,0×2,0	C-GZ 22-L	*)
		28	M 36×2	47	49	46	26,0×2,0	C-GZ 28-L	*)
		35	M 45×2	53	58	50	32,0×2,5	C-GZ 35-L	*)
		42	M 52×2	53	59	60	38,0×2,5	C-GZ 42-L	*)
S	800	6	M 14×1,5	37	39	17	4,0×1,5	C-GZ 6-S	*)
		8	M 16×1,5	37	39	19	6,0×1,5	C-GZ 8-S	*)
		10	M 18×1,5	41	43	22	7,5×1,5	C-GZ 10-S	*)
	630	12	M 20×1,5	42	44	24	9,0×1,5	C-GZ 12-S	*)
		14	M 22×1,5	45	48	27	10,0×2,0	C-GZ 14-S	*)
		16	M 24×1,5	46	50	30	12,0×2,0	C-GZ 16-S	*)
	400	20	M 30×2	55	60	36	16,3×2,4	C-GZ 20-S	*)
		25	M 36×2	58	66	46	22,3×2,4	C-GZ 25-S	*)
		30	M 42×2	62	73	50	27,3×2,4	C-GZ 30-S	*)
		38	M 52×2	67	83	60	33,3×2,4	C-GZ 38-S	*)

RI – Przyłącze redukcyjne**C-RI (a)**

Einschraubzapfen Male stud thread G (DIN ISO 228-1)	Innengewinde Internal thread d ₁	L ₁	L ₂	SW ₁	d ₃	L ₃	Bestell-Nr. Part-No.	kg/100
G 3/8 A	G 1/8	22,5	12	22	22	8	C-RI 3/8WD × 1/8	4,0
G 1/2 A	G 1/8	24	14	27	26	12	C-RI 1/2WD × 1/8	6,6
G 1/2 A	G 1/4	24	14	27	26	12	C-RI 1/2WD × 1/4	5,7
G 3/4 A	G 1/4	26	16	32	32	12	C-RI 3/4WD × 1/4	10,4
G 3/4 A	G 3/8	26	16	32	32	12	C-RI 3/4WD × 3/8	8,7
G 1 A	G 1/4	29	18	41	39	12	C-RI 1 WD × 1/4	19,5
G 1 A	G 3/8	29	18	41	39	12	C-RI 1 WD × 3/8	18,7
G 1 A	G 1/2	29	18	41	39	14	C-RI 1 WD × 1/2	14,7
G 1 1/4 A	G 1/2	32	20	50	49	14	C-RI 1 1/4WD × 1/2	31,7
G 1 1/4 A	G 3/4	32	20	50	49	16	C-RI 1 1/4WD × 3/4	26,4
G 1 1/2 A	G 1/2	36	22	55	55	14	C-RI 1 1/2WD × 1/2	47,0
G 1 1/2 A	G 3/4	36	22	55	55	16	C-RI 1 1/2WD × 3/4	42,7
G 1 1/2 A	G 1	36	22	55	55	18	C-RI 1 1/2WD × 1	34,2

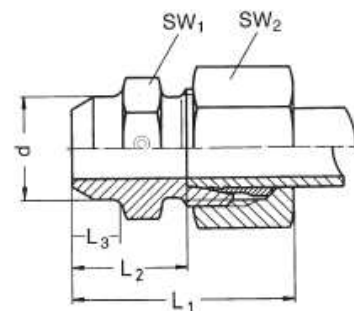
C-RI (b)

Einschraubzapfen Male stud thread G (DIN ISO 228-1)	Innengewinde Internal thread d ₁	L ₁	L ₂	SW ₁	d	d ₃	L ₃	Bestell-Nr. Part-No.	kg/100
G 1/8 A	G 1/4	31	8	19	4	14	17,0	C-RI 1/8WD × 1/4	3,9
G 1/8 A	G 3/8	32	8	24	4	14	17,0	C-RI 1/8WD × 3/8	6,4
G 1/4 A	G 1/8	28	12	19	5	18	12,0	C-RI 1/4WD × 1/8	3,8
G 1/4 A	G 3/8	36	12	24	5	18	17,0	C-RI 1/4WD × 3/8	6,8
G 1/4 A	G 1/2	40	12	30	5	18	20,0	C-RI 1/4WD × 1/2	8,7
G 1/4 A	G 3/4	43	12	36	5	18	22,0	C-RI 1/4WD × 3/4	17,5
G 3/8 A	G 1/4	36	12	22	8	22	17,0	C-RI 3/8WD × 1/4	7,0
G 3/8 A	G 1/2	41	12	30	8	22	20,0	C-RI 3/8WD × 1/2	9,4
G 3/8 A	G 3/4	44	12	36	8	22	22,0	C-RI 3/8WD × 3/4	18,3
G 1/2 A	G 3/8	36	14	27	12	26	17,0	C-RI 1/2WD × 3/8	9,2
G 1/2 A	G 3/4	46	14	36	12	26	22,0	C-RI 1/2WD × 3/4	18,6
G 1/2 A	G 1	49	14	41	12	26	24,5	C-RI 1/2WD × 1	22,0
G 1/2 A	G 1 1/4	53	14	55	10	26	26,5	C-RI 1/2WD × 1 1/4	48,7
G 3/4 A	G 1/2	41	16	32	16	32	20,0	C-RI 3/4WD × 1/2	14,4
G 3/4 A	G 1	51	16	41	16	32	24,5	C-RI 3/4WD × 1	24,0
G 3/4 A	G 1 1/4	55	16	55	16	32	26,5	C-RI 3/4WD × 1 1/4	48,1
G 3/4 A	G 1 1/2	57	16	60	16	32	28,5	C-RI 3/4WD × 1 1/2	56,0
G 1 A	G 3/4	47	18	41	20	39	22,0	C-RI 1 WD × 3/4	28,0
G 1 A	G 1 1/4	57	18	55	20	39	26,5	C-RI 1 WD × 1 1/4	51,3
G 1 A	G 1 1/2	59	18	60	20	39	28,5	C-RI 1 WD × 1 1/2	58,5
G 1 1/4 A	G 1	52	20	50	25	49	24,5	C-RI 1 1/4WD × 1	45,8
G 1 1/4 A	G 1 1/2	60	20	60	25	49	28,5	C-RI 1 1/4WD × 1 1/2	60,2
G 1 1/2 A	G 1 1/4	58	22	55	32	55	26,5	C-RI 1 1/2WD × 1 1/4	54,4

AS – Złączka do spawania

Gerade Anschweißverschraubungen:
 DIN 3909
 DIN 2353 Form X

Weld couplings:
 DIN 3909
 DIN 2353 Form X



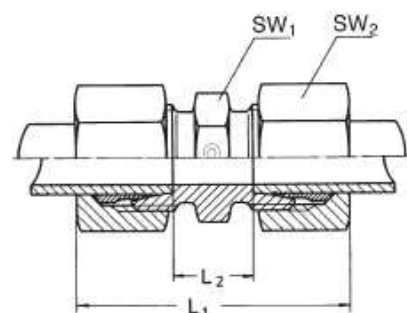
Reihe Series DIN 2353	PN bar	Rohr AD Tube OD	SW ₂	SW ₁	L ₁	L ₂	L ₃	d	Best.-Nr. Part-No.	kg/100
XL	315	6	14	12	29	14,0	7	10	C-AS 6-L	2,5
		8	17	14	31	16,0	8	12	C-AS 8-L	3,6
		10	19	17	33	18,0	8	14	C-AS 10-L	4,7
		12	22	19	33	18,0	8	16	C-AS 12-L	5,5
		15	27	22	37	22,0	10	19	C-AS 15-L	9,0
		18	32	27	40	23,5	10	22	C-AS 18-L	13,0
	160	22	36	32	45	28,5	12	27	C-AS 22-L	19,0
		28	41	41	47	30,5	12	32	C-AS 28-L	27,0
		35	50	46	54	32,5	14	40	C-AS 35-L	39,5
		42	60	55	58	35,0	16	46	C-AS 42-L	58,5
XS	630	6	17	14	34	19,0	7	11	C-AS 6-S	3,8
		8	19	17	36	21,0	8	13	C-AS 8-S	5,4
		10	22	19	39	22,5	8	15	C-AS 10-S	7,0
		12	24	22	41	24,5	10	17	C-AS 12-S	12,5
		14	27	24	45	27,0	10	19	C-AS 14-S	14,0
	400	16	30	27	45	26,5	10	21	C-AS 16-S	15,6
		20	36	32	51	29,5	12	26	C-AS 20-S	24,0
		25	46	41	56	32,0	12	31	C-AS 25-S	46,0
		30	50	46	62	35,5	14	36	C-AS 30-S	55,5
	315	38	60	55	69	38,0	16	44	C-AS 38-S	78,6

G – Złącze proste**Gerade-Verschraubungen:**

DIN 3902

DIN 2353 Form **E****Straight couplings:**

DIN 3902

DIN 2353 Form **E**

Reihe Series DIN 2353	PN bar	Rohr AD Tube OD	SW ₂	SW ₁	L ₁	L ₂	Best.-Nr. Part-No.	kg/100
ELL	100	4	10	9	31	12	C-G 4-LL	1,5
		6	12	11	32	9	C-G 6-LL	2,0
		8	14	12	35	12	C-G 8-LL	2,6
EL	315	6	14	12	39	10	C-G 6-L	3,5
		8	17	14	40	11	C-G 8-L	5,0
		10	19	17	42	13	C-G 10-L	6,5
		12	22	19	43	14	C-G 12-L	8,5
		15	27	24	46	16	C-G 15-L	14,2
		18	32	27	48	16	C-G 18-L	20,1
	160	22	36	32	52	20	C-G 22-L	27,4
		28	41	41	54	21	C-G 28-L	34,7
		35	50	46	63	20	C-G 35-L	54,3
		42	60	55	66	21	C-G 42-L	79,0
	ES	6	17	14	45	16	C-G 6-S	6,5
		8	19	17	47	18	C-G 8-S	8,3
		10	22	19	49	17	C-G 10-S	11,0
		12	24	22	51	19	C-G 12-S	13,5
		14	27	24	57	22	C-G 14-S	18,7
		16	30	27	57	21	C-G 16-S	22,9
ES	400	20	36	32	66	23	C-G 20-S	35,0
		25	46	41	74	26	C-G 25-S	67,2
		30	50	46	80	27	C-G 30-S	82,1
		38	60	55	90	29	C-G 38-S	121,5
	315	38	60	55	90	29	C-G 38-S	121,5
		38	60	55	90	29	C-G 38-S	121,5

GE- R/M -WD - Przyłącze proste**Gerade Einschraubverschraubungen:**

DIN 3901

DIN 2353 Form D

Einschraubgewinde:

Whitworth-Rohrgewinde (zyl.)

Abdichtung durch Weichdichtung

Form E, nach DIN 3852-T 11

Weichdichtung (NBR, Viton)

Straight male stud couplings:

DIN 3901

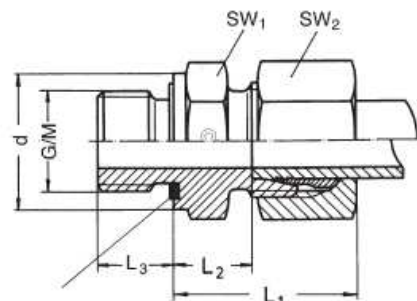
DIN 2353 Form D

stud thread: BSPP thread (parallel)

tightened by soft sealing (WD)

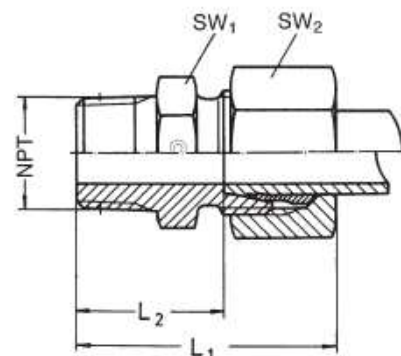
Form E, according DIN 3852-T 11

captive seal (NBR, Viton)

Weichdichtung C-DR
soft-sealing NBR, Viton

Reihe Series DIN 2353	PN bar	Rohr AD Tube OD	Einschraubzapfen Male stud thread ISO 1179-2/ DIN ISO 228-1 G	SW ₂	SW ₁	L ₁	L ₂	L ₃	d	Best.-Nr. Part-No.	kg/100
DL	315	6	G 1/8 A	14	14	23	8,5	8	13,9	C-GE 6-LR 1/8-WD	2,5
		8	G 1/4 A	17	19	25	10,0	12	18,9	C-GE 8-LR 1/4-WD	4,5
		10	G 1/4 A	19	19	26	11,0	12	18,9	C-GE 10-LR 1/4-WD	4,7
		12	G 3/8 A	22	22	27	12,5	12	21,9	C-GE 12-LR 3/8-WD	6,9
		15	G 1/2 A	27	27	29	14,0	14	26,9	C-GE 15-LR 1/2-WD	11,5
		18	G 1/2 A	32	27	31	14,5	14	26,9	C-GE 18-LR 1/2-WD	13,2
	160	22	G 3/4 A	36	32	33	16,5	16	31,9	C-GE 22-LR 3/4-WD	18,5
		28	G 1 A	41	41	34	17,5	18	39,9	C-GE 28-LR 1 -WD	25,9
		35	G 1 1/4 A	50	50	39	17,5	20	49,9	C-GE 35-LR 1 1/4-WD	42,2
		42	G 1 1/2 A	60	55	42	19,0	22	54,9	C-GE 42-LR 1 1/2-WD	56,9
DS	630	6	G 1/4 A	17	19	28	13,0	12	18,9	C-GE 6-SR 1/4-WD	5,0
		8	G 1/4 A	19	19	30	15,0	12	18,9	C-GE 8-SR 1/4-WD	5,5
		10	G 3/8 A	22	22	31	15,0	12	21,9	C-GE 10-SR 3/8-WD	8,8
		12	G 3/8 A	24	22	33	17,0	12	21,9	C-GE 12-SR 3/8-WD	10,0
		14	G 1/2 A	27	27	37	19,0	14	26,9	C-GE 14-SR 1/2-WD	14,8
	400	16	G 1/2 A	30	27	37	18,5	14	26,9	C-GE 16-SR 1/2-WD	16,1
		20	G 3/4 A	36	32	42	20,5	16	31,9	C-GE 20-SR 3/4-WD	25,3
		25	G 1 A	46	41	47	23,0	18	39,9	C-GE 25-SR 1 -WD	46,5
		30	G 1 1/4 A	50	50	50	23,5	20	49,9	C-GE 30-SR 1 1/4-WD	63,5
		315	G 1 1/2 A	60	55	57	26,0	22	54,9	C-GE 38-SR 1 1/2-WD	87,0

Reihe Series DIN 2353	PN bar	Rohr AD Tube OD	Einschraubzapfen Male stud thread ISO 9974-2/ DIN 13 T5-7 M	SW ₂	SW ₁	L ₁	L ₂	L ₃	d	Best.-Nr. Part-No.	kg/100
DL	315	6	M 10×1	14	14	23	8,5	8	13,9	C-GE 6-LM 10×1,0-WD	2,5
		8	M 12×1,5	17	17	25	10,0	12	16,9	C-GE 8-LM 12×1,5-WD	4,0
		10	M 14×1,5	19	19	26	11,0	12	18,9	C-GE 10-LM 14×1,5-WD	4,9
		12	M 16×1,5	22	22	27	12,5	12	21,9	C-GE 12-LM 16×1,5-WD	6,8
		15	M 18×1,5	27	24	29	13,5	12	23,9	C-GE 15-LM 18×1,5-WD	9,5
		18	M 22×1,5	32	27	31	14,5	14	26,9	C-GE 18-LM 22×1,5-WD	13,7
	160	22	M 26×1,5	36	32	33	16,5	16	31,9	C-GE 22-LM 26×1,5-WD	18,8
		28	M 33×2	41	41	34	17,5	18	39,9	C-GE 28-LM 33×2,0-WD	25,8
		35	M 42×2	50	50	39	17,5	20	49,9	C-GE 35-LM 42×2,0-WD	42,0
		42	M 48×2	60	55	42	19,0	22	54,9	C-GE 42-LM 48×2,0-WD	57,5
DS	630	6	M 12×1,5	17	17	28	13,0	12	16,9	C-GE 6-SM 12×1,5-WD	4,7
		8	M 14×1,5	19	19	30	15,0	12	18,9	C-GE 8-SM 14×1,5-WD	6,5
		10	M 16×1,5	22	22	31	15,0	12	21,9	C-GE 10-SM 16×1,5-WD	8,6
		12	M 18×1,5	24	24	33	17,0	12	23,9	C-GE 12-SM 18×1,5-WD	10,9
		14	M 20×1,5	27	27	37	19,0	14	25,9	C-GE 14-SM 20×1,5-WD	14,8
	400	16	M 22×1,5	30	27	37	18,5	14	26,9	C-GE 16-SM 22×1,5-WD	16,6
		20	M 27×2	36	32	42	20,5	16	31,9	C-GE 20-SM 27×2,0-WD	25,3
		25	M 33×2	46	41	47	23,0	18	39,9	C-GE 25-SM 33×2,0-WD	46,5
		30	M 42×2	50	50	50	23,5	20	49,9	C-GE 30-SM 42×2,0-WD	64,4
		315	M 48×2	60	55	57	26,0	22	54,9	C-GE 38-SM 48×2,0-WD	88,9

GE -L- NPT - Przyłącze proste**Gerade Einschraubverschraubungen:**
 Einschraubgewinde: NPT (keglig)
 NPT (ANSI/ASME) B 1.20.1 - 1983)
Straight male stud couplings:
 stud thread: NPT (taper)
 NPT (ANSI/ASME) B 1.20.1 - 1983)


Reihe Series	PN bar	Rohr AD Tube OD	Einschraubzapfen Male stud thread		SW ₂	SW ₁	L ₁	L ₂	Best.-Nr. Part-No.		kg/100
			NPT								
LL	100	4	1/8 NPT	10	11	28,0	18,0	C-GE 4-LL	1/8 NPT	1,4	
		6	1/8 NPT	12	11	28,0	16,5	C-GE 6-LL	1/8 NPT	1,6	
		8	1/8 NPT	14	12	30,0	18,5	C-GE 8-LL	1/8 NPT	1,9	
L	315	6	1/8 NPT	14	12	31,5	17,0	C-GE 6-L	1/8 NPT	2,5	
		6	1/4 NPT	14	17	37,5	23,0	C-GE 6-L	1/4 NPT	4,2	
		6	3/8 NPT	14	19	39,0	24,5	C-GE 6-L	3/8 NPT	5,1	
		6	1/2 NPT	14	24	43,5	29,0	C-GE 6-L	1/2 NPT	8,2	
		8	1/8 NPT	17	14	33,0	18,0	C-GE 8-L	1/8 NPT	3,7	
		8	1/4 NPT	17	17	38,0	23,0	C-GE 8-L	1/4 NPT	4,3	
		8	3/8 NPT	17	19	39,0	24,0	C-GE 8-L	3/8 NPT	6,0	
		8	1/2 NPT	17	22	44,0	29,0	C-GE 8-L	1/2 NPT	8,5	
		10	1/8 NPT	19	17	34,0	19,0	C-GE 10-L	1/8 NPT	?)	
		10	1/4 NPT	19	17	39,0	24,0	C-GE 10-L	1/4 NPT	5,0	
		10	3/8 NPT	19	19	40,0	25,0	C-GE 10-L	3/8 NPT	6,5	
		10	1/2 NPT	19	22	45,0	30,0	C-GE 10-L	1/2 NPT	8,5	
		10	3/4 NPT	19	27	46,0	31,0	C-GE 10-L	3/4 NPT	?)	
		12	1/8 NPT	22	19	35,0	20,0	C-GE 12-L	1/8 NPT	?)	
		12	1/4 NPT	22	19	40,0	25,0	C-GE 12-L	1/4 NPT	5,9	
		12	3/8 NPT	22	19	40,0	25,0	C-GE 12-L	3/8 NPT	6,6	
		12	1/2 NPT	22	22	45,0	30,0	C-GE 12-L	1/2 NPT	3,75	
		12	3/4 NPT	22	27	46,0	31,0	C-GE 12-L	3/4 NPT	?)	
		15	3/8 NPT	27	24	41,0	26,0	C-GE 15-L	3/8 NPT	?)	
		15	1/2 NPT	27	24	46,0	31,0	C-GE 15-L	1/2 NPT	11,5	
		15	3/4 NPT	27	27	46,0	31,0	C-GE 15-L	3/4 NPT	?)	
		15	1 NPT	27	36	52,0	37,0	C-GE 15-L 1	1 NPT	?)	
		18	3/8 NPT	32	27	43,5	27,0	C-GE 18-L	3/8 NPT	?)	
		18	1/2 NPT	32	27	48,0	31,5	C-GE 18-L	1/2 NPT	13,5	
	18	3/4 NPT	32	27	48,0	31,5	C-GE 18-L	3/4 NPT	?)		
	18	1 NPT	32	36	54,0	37,5	C-GE 18-L 1	1 NPT	?)		
	160	22	3/8 NPT	36	32	50,0	33,5	C-GE 22-L	3/8 NPT	20,0	
		22	1/2 NPT	36	32	45,0	28,5	C-GE 22-L	1/2 NPT	?)	
		22	3/4 NPT	36	32	50,0	33,5	C-GE 22-L	3/4 NPT	19,6	
		22	1 NPT	36	36	56,0	39,5	C-GE 22-L 1	1 NPT	?)	
		28	3/4 NPT	41	41	51,0	34,5	C-GE 28-L	3/4 NPT	?)	
28		1 NPT	41	41	56,0	39,5	C-GE 28-L 1	1 NPT	28,5		
28		1 1/4 NPT	41	46	58,0	41,5	C-GE 28-L 1 1/4	1 1/4 NPT	?)		
35		1 NPT	50	46	61,0	39,5	C-GE 35-L 1	1 NPT	?)		
35		1 1/4 NPT	50	46	62,0	40,5	C-GE 35-L 1 1/4	1 1/4 NPT	43,0		
42		1 1/4 NPT	60	55	65,0	42,0	C-GE 42-L 1 1/4	1 1/4 NPT	?)		
42	1 1/2 NPT	60	55	65,0	42,0	C-GE 42-L 1 1/2	1 1/2 NPT	61,5			

GE- S -NPT -Przyłącze proste**Gerade Einschraubverschraubungen:**

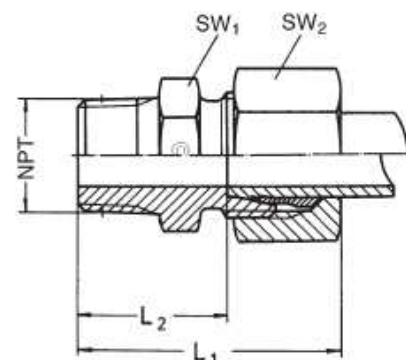
Einschraubgewinde: NPT

NPT (ANSI/ASME B 1.20.1 - 1983)

Straight male stud couplings:

stud thread: NPT

NPT (ANSI/ASME B 1.20.1 - 1983)

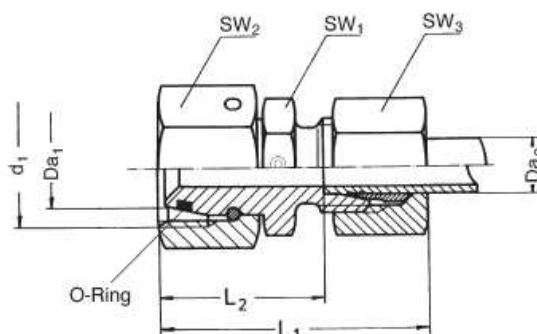


Reihe Series	PN bar	Rohr AD Tube OD	Einschraubzapfen Male stud thread		SW ₂	SW ₁	L ₁	L ₂	Best.-Nr. Part-No.	kg/100
			NPT							
S	630	6	1/8 NPT		17	14	36,0	21,0	C-GE 6-S 1/8 NPT	4,5
		6	1/4 NPT		17	17	43,0	28,0	C-GE 6-S 1/4 NPT	5,5
		6	3/8 NPT		17	19	43,0	28,0	C-GE 6-S 3/8 NPT	7,0
		6	1/2 NPT		17	22	50,0	35,0	C-GE 6-S 1/2 NPT	9,3
		8	1/4 NPT		19	17	43,0	28,0	C-GE 8-S 1/4 NPT	6,0
		8	3/8 NPT		19	19	43,0	28,0	C-GE 8-S 3/8 NPT	7,4
		8	1/2 NPT		19	22	50,0	35,0	C-GE 8-S 1/2 NPT	10,8
		10	1/4 NPT		22	19	43,5	27,5	C-GE 10-S 1/4 NPT	7,1
		10	3/8 NPT		22	19	43,5	27,5	C-GE 10-S 3/8 NPT	8,6
		10	1/2 NPT		22	22	50,5	34,5	C-GE 10-S 1/2 NPT	10,4
		10	3/4 NPT		22	27	50,5	34,5	C-GE 10-S 3/4 NPT	*)
		12	1/4 NPT		24	22	45,5	29,5	C-GE 12-S 1/4 NPT	9,6
		12	3/8 NPT		24	22	45,5	29,5	C-GE 12-S 3/8 NPT	10,0
		12	1/2 NPT		24	22	50,5	34,5	C-GE 12-S 1/2 NPT	12,1
		12	3/4 NPT		24	27	50,5	34,5	C-GE 12-S 3/4 NPT	17,0
		14	3/8 NPT		27	24	49,0	31,0	C-GE 14-S 3/8 NPT	12,5
		14	1/2 NPT		27	24	54,0	36,0	C-GE 14-S 1/2 NPT	16,0
		14	3/4 NPT		27	27	54,0	36,0	C-GE 14-S 3/4 NPT	*)
		14	1 NPT		27	36	61,0	43,0	C-GE 14-S 1 NPT	*)
	400	16	3/8 NPT		30	27	49,0	30,5	C-GE 16-S 3/8 NPT	*)
		16	1/2 NPT		30	27	54,0	35,5	C-GE 16-S 1/2 NPT	17,0
		16	3/4 NPT		30	32	54,0	35,5	C-GE 16-S 3/4 NPT	*)
		16	1 NPT		30	36	61,0	42,5	C-GE 16-S 1 NPT	*)
		20	1/2 NPT		36	32	59,0	37,5	C-GE 20-S 1/2 NPT	24,6
		20	3/4 NPT		36	32	59,0	37,5	C-GE 20-S 3/4 NPT	26,8
		20	1 NPT		36	36	64,0	42,5	C-GE 20-S 1 NPT	*)
		25	1/2 NPT		46	41	64,0	40,0	C-GE 25-S 1/2 NPT	*)
		25	3/4 NPT		46	41	64,0	40,0	C-GE 25-S 3/4 NPT	47,4
		25	1 NPT		46	41	69,0	45,0	C-GE 25-S 1 NPT	50,3
		25	1 1/4 NPT		46	46	70,0	46,0	C-GE 25-S 1 1/4 NPT	65,4
		25	1 1/2 NPT		46	50	70,0	46,0	C-GE 25-S 1 1/2 NPT	*)
		30	3/4 NPT		50	46	67,0	40,5	C-GE 30-S 3/4 NPT	*)
		30	1 NPT		50	46	72,0	45,5	C-GE 30-S 1 NPT	59,0
		30	1 1/4 NPT		50	46	73,0	46,5	C-GE 30-S 1 1/4 NPT	65,0
		30	1 1/2 NPT		50	50	73,0	46,5	C-GE 30-S 1 1/2 NPT	*)
	315	38	1 NPT		60	55	79,0	48,0	C-GE 38-S 1 NPT	95,5
		38	1 1/4 NPT		60	55	80,0	49,0	C-GE 38-S 1 1/4 NPT	95,5
		38	1 1/2 NPT		60	55	80,0	49,0	C-GE 38-S 1 1/2 NPT	93,5

RED-L – Przyłącze redukcyjne

Konus Reduzieranschlüsse:
 mit Dichtkegel und O-Ring nach DIN 3865
 Baureihe L

Reducing standpipes:
 with taper and O-ring to
 DIN 3865
 series L

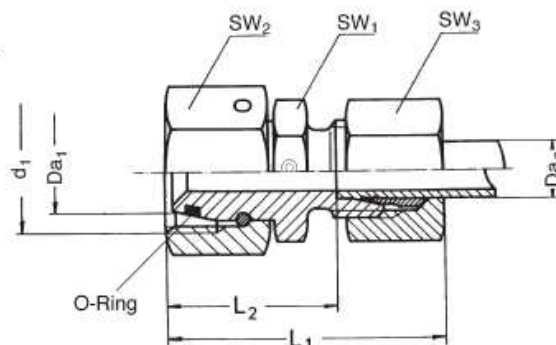


Reihe Series	PN bar	Rohr AD Tube OD Da ₁	Da ₂	d ₁	L ₁	L ₂	SW ₁	SW ₂	SW ₃	O-Ringe O-ring	Bestell-Nr. Part-No.	kg/100
L	315	8	6	M 14×1,5	38	23,5	12	17	14	6 ×1,5	C-RED 8/ 6-L	3,9
		10	6 8	M 16×1,5	40	25,0	14	19	14 17	7,5×1,5	C-RED 10/ 6-L	4,9
					40	25,0					C-RED 10/ 8-L	5,3
		12	6 8 10	M 18×1,5	40	25,0	17	22	14 17 19	9 ×1,5	C-RED 12/ 6-L	6,3
					40	25,0					C-RED 12/ 8-L	6,8
					41	26,0					C-RED 12/10-L	7,0
		15	6 8 10 12	M 22×1,5	43	28,5	22	27	14 17 19 22	12 ×2	C-RED 15/ 6-L	5,5
					43	28,5					C-RED 15/ 8-L	9,8
					44	29,5					C-RED 15/10-L	10,7
					44	29,5					C-RED 15/12-L	11,0
	18	6 8 10 12 15	M 26×1,5	43	28,0	24	32	14 17 19 22 27	15 ×2	C-RED 18/ 6-L	11,9	
				43	28,0					C-RED 18/ 8-L	12,4	
				44	29,0					C-RED 18/10-L	12,8	
				44	29,0					C-RED 18/12-L	17,2	
				45	30,0					C-RED 18/15-L	19,0	
	160	22	6 8 10 12 15 18	M 30×2	47	32,0	27	36	14 17 19 22 27 32	20 ×2	C-RED 22/ 6-L	16,9
47					32,0	C-RED 22/ 8-L					17,6	
48					33,0	C-RED 22/10-L					17,8	
48					33,0	C-RED 22/12-L					18,6	
49					34,0	C-RED 22/15-L					20,8	
50					33,5	C-RED 22/18-L					24,4	
28		6 8 10 12 15 18 22	M 36×2	49	34,0	36	41	14 17 19 22 27 32 36	26 ×2	C-RED 28/ 6-L	29,3	
				49	34,0					C-RED 28/ 8-L	29,3	
				50	34,0					C-RED 28/10-L	29,3	
				50	34,0					C-RED 28/12-L	29,3	
				49	51,0					C-RED 28/15-L	29,3	
				49	52,0					C-RED 28/18-L	29,3	
49		54,0	C-RED 28/22-L	29,3								
35		6 8 10 12 15 18 22 28	M 45×2	52	37,0	46	50	14 17 19 22 27 32 36 41	32 ×2,5	C-RED 35/ 6-L	(33,2)	
				52	37,0					C-RED 35/ 8-L	(33,7)	
				53	38,0					C-RED 35/10-L	(34,2)	
				53	38,0					C-RED 35/12-L	(35,3)	
				54	39,0					C-RED 35/15-L	37,1	
				55	38,5					C-RED 35/18-L	39,1	
				57	40,5					C-RED 35/22-L	41,6	
				57	40,5					C-RED 35/28-L	42,6	
42		6 8 10 12 15 18 22 28 35	M 52×2	55	40,5	50	60	14 17 19 22 27 32 36 41 50	38 ×2,5	C-RED 42/ 6-L	(51,2)	
				55	40,5					C-RED 42/ 8-L	(51,8)	
				56	41,5					C-RED 42/10-L	(52,3)	
				56	41,5					C-RED 42/12-L	(53,4)	
				58	42,5					C-RED 42/15-L	(55,1)	
				58	42,0					C-RED 42/18-L	60,7	
				60	44,0					C-RED 42/22-L	66,5	
	61			44,0	C-RED 42/28-L					68,0		
	65			43,0	C-RED 42/35-L					69,5		

RED-S – Przyłącze redukcyjne

Konus Reduzieranschlüsse:
 mit Dichtkegel und O-Ring nach DIN 3865
 Baureihe S

Reducing standpipes:
 with taper and O-ring to
 DIN 3865
 series S



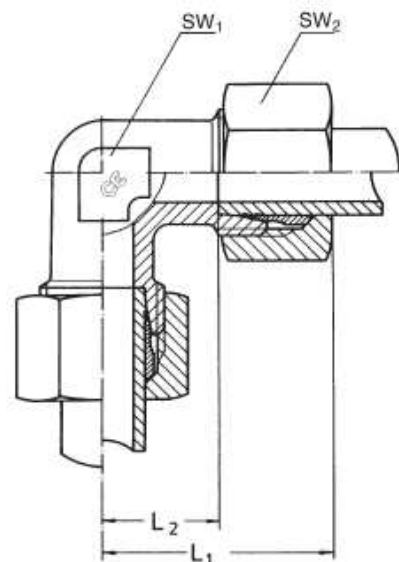
Reihe Series	PN bar	Rohr AD Tube OD Da ₁	Da ₂	d ₁	L ₁	L ₂	SW ₁	SW ₂	SW ₃	O-Ringe O-ring	Bestell-Nr. Part-No.	kg/100
S	630	8	6	M 16×1,5	42	27,0	14	19	17	6 ×1,5	C-RED 8/ 6-S	3,4
		10	6 8	M 18×1,5	42 42	27,5 27,5	17	22	17 19	7,5×1,5	C-RED 10/ 6-S C-RED 10/ 8-S	7,2 7,8
		12	6 8 10	M 20×1,5	44 44 46	29,0 29,0 29,5	19	24	17 19 22	9 ×1,5	C-RED 12/ 6-S C-RED 12/ 8-S C-RED 12/10-S	8,3 9,3 10,7
		14	6 8 10 12	M 22×1,5	46 46 47 47	31,5 31,5 31,0 31,0	22	27	17 19 22 24	10 ×2	C-RED 14/ 6-S C-RED 14/ 8-S C-RED 14/10-S C-RED 14/12-S	(9,2) (9,9) (11,0) (11,9)
	400	16	6 8 10 12 14	M 24×1,5	47 47 48 48 51	32,0 32,0 31,5 31,5 33,0	22 24	30	17 19 22 24 27	12 ×2	C-RED 16/ 6-S C-RED 16/ 8-S C-RED 16/10-S C-RED 16/12-S C-RED 16/14-S	12,7 14,8 14,8 15,5 (16,3)
		20	6 8 10 12 14 16	M 30×2	51 51 52 52 55 55	36,0 36,0 35,5 35,5 37,0 36,5	27	36	17 19 22 24 27 30	16,3×2,4	C-RED 20/ 6-S C-RED 20/ 8-S C-RED 20/10-S C-RED 20/12-S C-RED 20/14-S C-RED 20/16-S	18,9 20,5 20,6 21,3 (23,2) 25,9
		25	6 8 10 12 14 16 20	M 36×2	53 53 54 54 57 57 61	38,5 38,5 38,0 38,0 39,5 39,0 39,0	36	46	17 19 22 24 27 30 36	22,3×2,4	C-RED 25/ 6-S C-RED 25/ 8-S C-RED 25/10-S C-RED 25/12-S C-RED 25/14-S C-RED 25/16-S C-RED 25/20-S	30,8 31,9 33,2 33,4 (35,1) 37,3 43,6
		30	6 8 10 12 14 16 20 25	M 42×2	59 59 60 60 63 63 66 69	44,0 44,0 43,5 43,5 45,0 44,5 44,5 45,0	41	50	17 19 22 24 27 30 36 46	27,3 ×2,4	C-RED 30/ 6-S C-RED 30/ 8-S C-RED 30/10-S C-RED 30/12-S C-RED 30/14-S C-RED 30/16-S C-RED 30/20-S C-RED 30/25-S	(42,9) 43,1 43,6 44,3 (46,1) 48,7 53,6 67,3
	315	38	6 8 10 12 14 16 20 25 30	M 52×2	62 62 63 63 66 66 70 73 76	47,5 47,5 47,0 47,0 48,5 48,0 48,0 48,5 49,0	50	60	17 19 22 24 27 30 36 46 50	33,3×2,4	C-RED 38/ 6-S C-RED 38/ 8-S C-RED 38/10-S C-RED 38/12-S C-RED 38/14-S C-RED 38/16-S C-RED 38/20-S C-RED 38/25-S C-RED 38/30-S	(70,8) (71,0) (71,4) 72,0 (74,3) 77,0 81,2 85,0 87,8

W –Złącze kolanowe**Winkel-Verschraubungen:**

DIN 3905

DIN 2353 Form **K****Equal elbow couplings:**

DIN 3905

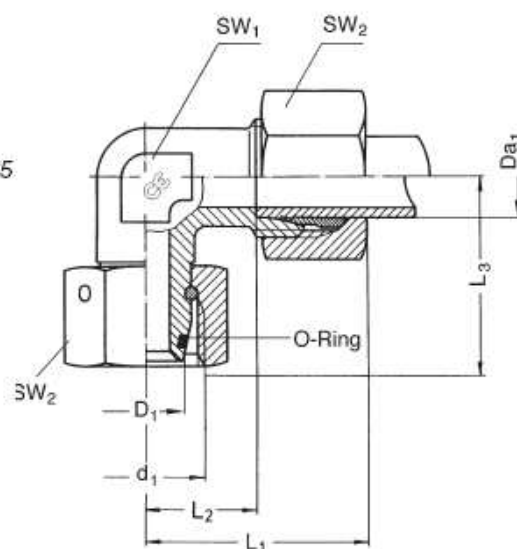
DIN 2353 Form **K**

Reihe Series DIN 2353	PN bar	Rohr AD Tube OD	SW ₂	SW ₁	L ₁	L ₂	Best.-Nr. Part-No.	kg/100
KLL	100	4	10	9	21	11,0	C-W 4-LL	1,9
		6	12	9	21	9,5	C-W 6-LL	2,4
		8	14	12	23	11,5	C-W 8-LL	3,2
KL	315	6	14	12	27	12,0	C-W 6-L	4,2
		8	17	12	29	14,0	C-W 8-L	5,9
		10	19	14	30	15,0	C-W10-L	7,4
		12	22	17	32	17,0	C-W12-L	10,3
		15	27	19	36	21,0	C-W15-L	16,9
		18	32	24	40	23,5	C-W18-L	24,8
	160	22	36	27	44	27,5	C-W22-L	32,0
		28	41	36	47	30,5	C-W28-L	45,4
		35	50	41	56	34,5	C-W35-L	67,5
		42	60	50	63	40,0	C-W42-L	107,0
KS	630	6	17	12	31	16,0	C-W 6-S	7,4
		8	19	14	32	17,0	C-W 8-S	9,5
		10	22	17	34	17,5	C-W10-S	12,8
		12	24	17	38	21,5	C-W12-S	15,9
		14	27	19	40	22,0	C-W14-S	21,0
	400	16	30	24	43	24,5	C-W16-S	26,0
		20	36	27	48	26,5	C-W20-S	41,0
		25	46	36	54	30,0	C-W25-S	77,6
		30	50	41	62	35,5	C-W30-S	100,3
	315	38	60	50	72	41,0	C-W38-S	153,5

EW – Złaczę kolanowe nastawne

**Einstellbare
Winkel-Anschlußverschraubungen:**
mit Dichtkegel und O-Ring nach DIN 3865

Adjustable elbow couplings:
with taper and O-ring to DIN 3865



Reihe Series	PN bar	Rohr AD Tube AD Da ₁	d ₁	L ₁	L ₂	L ₃	SW ₂	SW ₁	D ₁	O-Ring O-ring	Best.-Nr. Part-No.	kg/100
L	315	6	M 12×1,5	27	12,0	26,0	14	12	6	4,0×1,5	C-EW 6-L	4,0
		8	M 14×1,5	29	14,0	27,5	17	12	8	6,0×1,5	C-EW 8-L	5,5
		10	M 16×1,5	30	15,0	29,0	19	14	10	7,5×1,5	C-EW 10-L	7,1
		12	M 18×1,5	32	17,0	29,5	22	17	12	9,0×1,5	C-EW 12-L	9,6
		15	M 22×1,5	36	21,0	32,5	27	19	15	12,0×2,0	C-EW 15-L	16,6
		18	M 26×1,5	40	23,5	35,5	32	24	18	15,0×2,0	C-EW 18-L	23,6
	160	22	M 30×2	44	27,5	38,5	36	27	22	20,0×2,0	C-EW 22-L	32,7
		28	M 36×2	47	30,5	41,5	41	36	28	26,0×2,0	C-EW 28-L	52,4
		35	M 45×2	56	34,5	51,0	50	41	35	32,0×2,5	C-EW 35-L	68,8
		42	M 52×2	63	40,0	56,0	50	50	42	38,0×2,5	C-EW 42-L	108,0
S	630	6	M 14×1,5	31	16,0	27,0	17	12	6	4,0×1,5	C-EW 6-S	6,2
		8	M 16×1,5	32	17,0	27,5	19	14	8	6,0×1,5	C-EW 8-S	7,4
		10	M 18×1,5	34	17,5	30,0	22	17	10	7,5×1,5	C-EW 10-S	11,3
		12	M 20×1,5	38	21,5	31,0	24	17	12	9,0×1,5	C-EW 12-S	14,0
		14	M 22×1,5	40	22,0	35,0	27	19	14	10,0×2,0	C-EW 14-S	(19,3)
	400	16	M 24×1,5	44	24,5	36,5	30	24	16	12,0×2,0	C-EW 16-S	25,8
		20	M 30×2	48	26,5	44,5	36	27	20	16,3×2,4	C-EW 20-S	40,3
		25	M 36×2	54	30,0	50,0	46	36	25	22,3×2,4	C-EW 25-S	75,1
		30	M 42×2	62	35,5	55,0	50	41	30	27,3×2,4	C-EW 30-S	96,4
		38	M 52×2	72	41,0	63,0	60	50	38	33,3×2,4	C-EW 38-S	142,4

T – Złącze trójnikowe**T-Verschraubungen:**

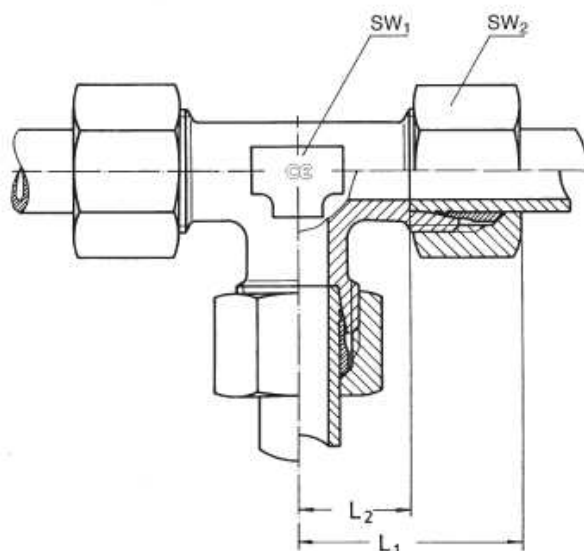
DIN 3908

DIN 2353 Form Q

Equal tees:

DIN 3908

DIN 2353 Form Q

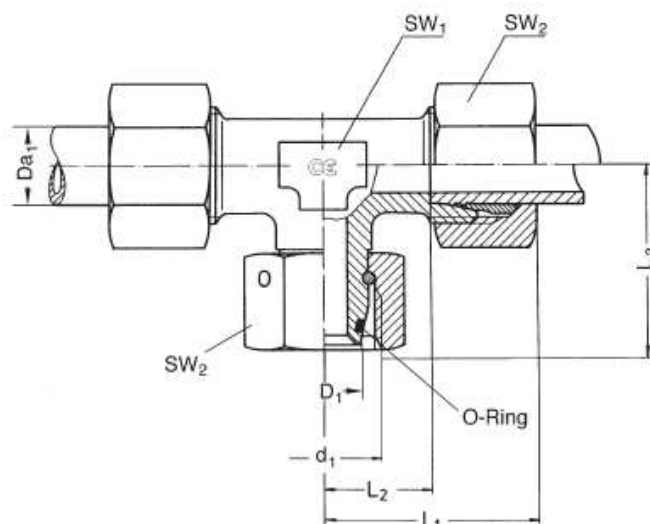


Reihe Series DIN 2353	PN bar	Rohr AD Tube OD	SW ₂	SW ₁	L ₁	L ₂	Best.-Nr. Part-No.	kg/100
QLL	100	4	10	9	21	11,0	C-T 4-LL	2,7
		6	12	9	21	9,5	C-T 6-LL	3,4
		8	14	12	23	11,5	C-T 8-LL	5,1
QL	315	6	14	12	27	12,0	C-T 6-L	5,1
		8	17	12	29	14,0	C-T 8-L	8,5
		10	19	14	30	15,0	C-T 10-L	10,6
		12	22	19	32	17,0	C-T 12-L	13,9
		15	27	19	36	21,0	C-T 15-L	24,0
		18	32	24	40	23,5	C-T 18-L	34,8
	160	22	36	27	44	27,5	C-T 22-L	46,8
		28	41	36	47	30,5	C-T 28-L	66,5
		35	50	41	56	34,5	C-T 35-L	102,5
		42	60	50	63	40,0	C-T 42-L	150,0
	630	6	17	12	31	16,0	C-T 6-S	11,0
		8	19	14	32	17,0	C-T 8-S	13,4
		10	22	17	34	17,5	C-T 10-S	19,0
		12	24	17	38	21,5	C-T 12-S	22,7
		14	27	19	40	22,0	C-T 14-S	30,0
	400	16	30	24	43	24,5	C-T 16-S	39,0
		20	36	27	48	26,5	C-T 20-S	59,0
		25	46	36	54	30,0	C-T 25-S	118,0
		30	50	41	62	35,5	C-T 30-S	143,0
QS	315	38	60	50	72	41,0	C-T 38-S	201,0

ET – Złącze trójkątne nastawne symetryczne

Einstellbare T-Anschlußverschraubungen:
 mit Dichtkegel und O-Ring nach DIN 3865

Adjustable branch tee couplings:
 with taper and O-ring to DIN 3865

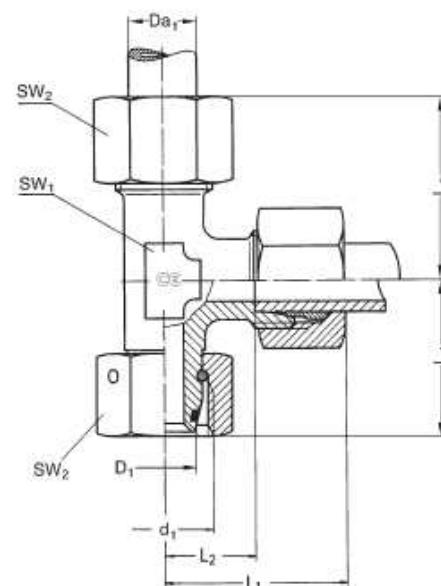


Reihe Series	PN bar	Rohr AD Tube OD Da ₁	d ₁	L ₁	L ₂	L ₃	SW ₂	SW ₁	D ₁	O-Ring O-ring	Best.-Nr. Part-No.	kg/100
L	315	6	M 12×1,5	27	12,0	26,0	14	12	6	4,0×1,5	C-ET 6-L	5,8
		8	M 14×1,5	29	14,0	27,5	17	12	8	6,0×1,5	C-ET 8-L	7,9
		10	M 16×1,5	30	15,0	29,0	19	14	10	7,5×1,5	C-ET 10-L	10,1
		12	M 18×1,5	32	17,0	29,5	22	17	12	9,0×1,5	C-ET 12-L	13,5
		15	M 22×1,5	36	21,0	32,5	27	19	15	12,0×2,0	C-ET 15-L	23,3
		18	M 26×1,5	40	23,5	35,5	32	24	18	15,0×2,0	C-ET 18-L	33,2
	160	22	M 30×2	44	27,5	38,5	36	27	22	20,0×2,0	C-ET 22-L	44,6
		28	M 36×2	47	30,5	41,5	41	36	28	26,0×2,0	C-ET 28-L	70,2
		35	M 45×2	56	34,5	51,0	50	41	35	32,0×2,5	C-ET 35-L	96,1
		42	M 52×2	63	40,0	56,0	50	50	42	38,0×2,5	C-ET 42-L	146,1
S	630	6	M 14×1,5	31	16,0	27,0	17	12	6	4,0×1,5	C-ET 6-S	8,7
		8	M 16×1,5	32	17,0	27,5	19	14	8	6,0×1,5	C-ET 8-S	11,8
		10	M 18×1,5	34	17,5	30,0	22	17	10	7,5×1,5	C-ET 10-S	16,3
		12	M 20×1,5	38	21,5	31,0	24	17	12	9,0×1,5	C-ET 12-S	20,6
		14	M 22×1,5	40	22,0	35,0	27	19	14	10,0×2,0	C-ET 14-S	(28,1)
	400	16	M 24×1,5	44	24,5	36,5	30	24	16	12,0×2,0	C-ET 16-S	37,3
		20	M 30×2	48	26,5	44,5	36	27	20	16,3×2,4	C-ET 20-S	56,8
		25	M 36×2	54	30,0	50,0	46	36	25	22,3×2,4	C-ET 25-S	107,9
		30	M 42×2	62	35,5	55,0	50	41	30	27,3×2,4	C-ET 30-S	136,3
		315	38	M 52×2	72	41,0	60	50	38	33,3×2,4	C-ET 38-S	203,6

EL - Złącze trójkątne nastawne niesymetryczne

Einstellbare L-Anschlußverschraubungen
mit Dichtkegel und O-Ring nach DIN 3865

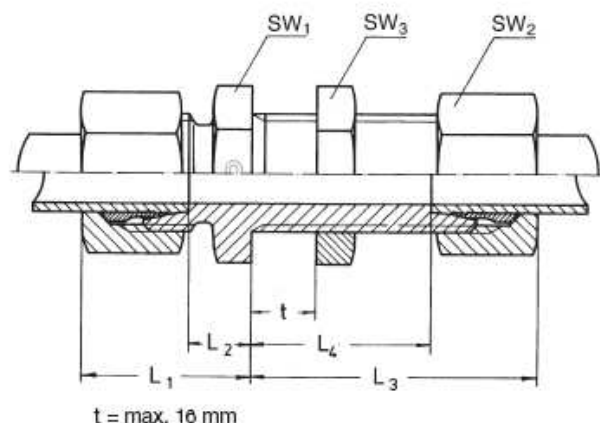
Adjustable barrel tee couplings
with taper and O-ring to DIN 3865



Reihe Series	PN bar	Rohr AD Tube OD Da ₁	d ₁	L ₁	L ₂	L ₃	L ₄	SW ₂	SW ₁	D ₁	O-Ring O-ring	Best.-Nr. Part-No.	kg/100
L	315	6	M 12×1,5	27	14,0	29	26,0	14	12	6	4,0×1,5	C-EL 6-L	5,8
		8	M 14×1,5	29	14,0	29	27,5	17	12	8	6,0×1,5	C-EL 8-L	7,9
		10	M 16×1,5	30	15,0	30	29,0	19	14	10	7,5×1,5	C-EL 10-L	10,0
		12	M 18×1,5	32	17,0	32	29,5	22	17	12	9,0×1,5	C-EL 12-L	13,4
		15	M 22×1,5	36	21,0	36	32,5	27	19	15	12,0×2,0	C-EL 15-L	23,3
		18	M 26×1,5	40	23,5	40	35,5	32	24	18	15,0×2,0	C-EL 18-L	33,2
	160	22	M 30×2	44	27,5	44	38,5	36	27	22	20,0×2,0	C-EL 22-L	44,3
		28	M 36×2	47	30,5	47	41,5	41	36	28	26,0×2,0	C-EL 28-L	70,2
		35	M 45×2	56	34,5	56	51,0	50	41	35	32,0×2,5	C-EL 35-L	94,5
		42	M 52×2	63	40,0	63	56,0	50	50	42	38,0×2,5	C-EL 42-L	146,1
S	630	6	M 14×1,5	31	16,0	31	27,0	17	12	6	4,0×1,5	C-EL 6-S	9,1
		8	M 16×1,5	32	17,0	32	27,5	19	14	8	6,0×1,5	C-EL 8-S	11,8
		10	M 18×1,5	34	17,5	34	30,0	22	17	10	7,5×1,5	C-EL 10-S	16,4
		12	M 20×1,5	38	21,5	38	31,0	24	17	12	9,0×1,5	C-EL 12-S	20,7
		14	M 22×1,5	40	22,0	40	35,0	27	19	14	10,0×2,0	C-EL 14-S	(28,1)
	400	16	M 24×1,5	43	24,5	43	36,5	30	24	16	12,0×2,0	C-EL 16-S	38,2
		20	M 30×2	48	26,5	48	44,5	36	27	20	16,3×2,4	C-EL 20-S	58,3
		25	M 36×2	54	30,0	54	50,0	46	36	25	22,3×2,4	C-EL 25-S	107,9
		30	M 42×2	62	35,5	62	55,0	50	41	30	27,3×2,4	C-EL 30-S	138,0
	315	38	M 52×2	72	41,0	72	63,0	60	50	38	33,3×2,4	C-EL 38-S	205,1

SV -przejście skręcane

Gerade Schottverschraubungen: **Straight bulkhead couplings:**
 DIN 3910 *DIN 3910*
 DIN 2353 Form R *DIN 2353 Form R*



Reihe Series DIN 2353	PN bar	Rohr AD Tube OD	DIN 13 M	SW ₂	SW ₁	SW ₃	L ₁	L ₂	L ₃	L ₄	Best.-Nr. Part-No.	kg/100
RL	315	6	M 12×1,5	14	17	17	22	7,0	42	27,0	C-SV 6-L	6,2
		8	M 14×1,5	17	19	19	23	8,0	42	27,0	C-SV 8-L	8,3
		10	M 16×1,5	19	22	22	25	10,0	43	28,0	C-SV 10-L	10,8
		12	M 18×1,5	22	24	24	25	10,0	44	29,0	C-SV 12-L	13,5
		15	M 22×1,5	27	27	30	27	12,0	46	31,0	C-SV 15-L	23,0
		18	M 26×1,5	32	32	36	30	13,5	49	32,5	C-SV 18-L	34,5
	160	22	M 30×2	36	36	41	33	16,5	51	34,5	C-SV 22-L	43,5
		28	M 36×2	41	41	46	35	18,5	52	36,5	C-SV 28-L	54,5
		35	M 45×2	50	50	55	40	18,5	58	36,5	C-SV 35-L	87,4
		42	M 52×2	60	60	65	42	19,0	59	36,0	C-SV 42-L	127,5
RS	630	6	M 14×1,5	17	19	19	27	12,0	44	29,0	C-SV 6-S	10,1
		9	M 16×1,5	19	22	22	28	13,0	44	29,0	C-SV 8-S	13,2
		10	M 18×1,5	22	24	24	31	14,5	46	29,5	C-SV 10-S	17,0
		12	M 20×1,5	24	27	27	31	14,5	47	30,5	C-SV 12-S	21,5
		14	M 22×1,5	27	30	30	35	17,0	50	32,0	C-SV 14-S	29,5
	400	16	M 24×1,5	30	32	32	35	16,5	50	31,5	C-SV 16-S	34,5
		20	M 30×2	36	41	41	39	17,5	55	33,5	C-SV 20-S	57,5
		25	M 36×2	46	46	46	44	20,0	59	35,0	C-SV 25-S	94,9
		30	M 42×2	50	50	50	48	21,5	64	37,5	C-SV 30-S	112,0
	315	38	M 52×2	60	65	65	53	22,0	68	37,0	C-SV 38-S	169,3

ESV – Przejęcie spawane**Einschweiß-Schottverschraubungen:**

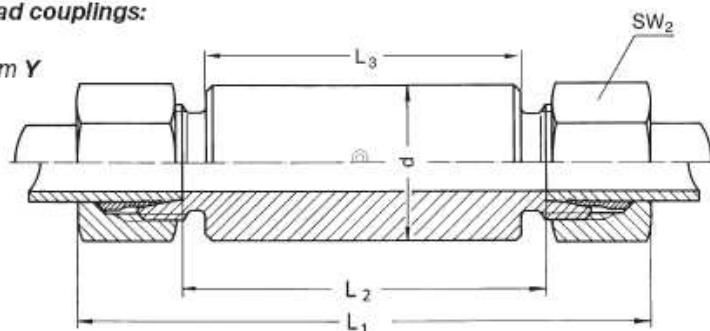
DIN 3912

DIN 2353 Form Y

Weld bulkhead couplings:

DIN 3912

DIN 2353 Form Y

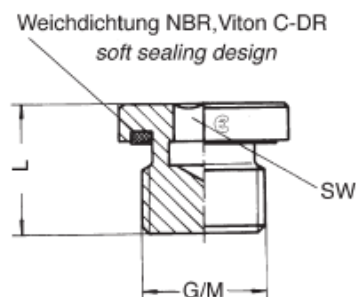


Reihe Series DIN 2353	PN bar	Rohr AD Tube OD	SW ₂	d	L ₁	L ₂	L ₃	Best.-Nr. Part-No.	kg/100
YL	315	6	14	18	85	56	50	C-ESV 6-L	12,7
		8	17	20	85	56	50	C-ESV 8-L	15,5
		10	19	22	87	58	50	C-ESV 10-L	18,4
		12	22	25	87	58	50	C-ESV 12-L	23,6
		15	27	28	100	70	60	C-ESV 15-L	36,0
		18	32	32	101	69	60	C-ESV 18-L	48,0
	160	22	36	36	105	73	60	C-ESV 22-L	59,0
		28	41	40	106	73	60	C-ESV 28-L	66,8
		35	50	50	114	71	60	C-ESV 35-L	106,5
		42	60	60	115	70	60	C-ESV 42-L	153,0
YS	630	6	17	20	89	60	50	C-ESV 6-S	17,7
		8	19	22	89	60	50	C-ESV 8-S	21,0
		10	22	25	91	59	50	C-ESV 10-S	27,2
		12	24	28	91	59	50	C-ESV 12-S	33,3
		14	27	30	107	72	60	C-ESV 14-S	45,4
	400	16	30	35	107	71	60	C-ESV 16-S	59,0
		20	36	38	114	71	60	C-ESV 20-S	74,8
		25	46	45	120	72	60	C-ESV 25-S	118,0
		30	50	50	126	73	60	C-ESV 30-S	139,0
	315	38	60	60	133	72	60	C-ESV 38-S	190,0

VSTI – Korek

Verschlußschrauben mit Innensechskant,
 Ausführung mit NBR, Viton-Weichdichtung

Locking screws with internal hexagon,
 NBR, Viton soft-sealing design

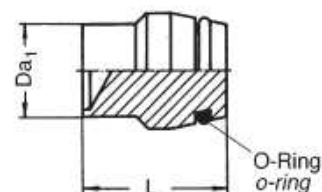


C-VSTI-WD			
DIN 13 M	SW	L	Bestell-Nr. Part-No.
M 10x1	5	12,0	C-VSTI 10x1 -WD
M 12x1,5	6	17,0	C-VSTI 12x1,5-WD
M 14x1,5	6	17,0	C-VSTI 14x1,5-WD
M 16x1,5	8	17,0	C-VSTI 16x1,5-WD
M 18x1,5	8	17,0	C-VSTI 18x1,5-WD
M 20x1,5	10	19,0	C-VSTI 20x1,5-WD
M 22x1,5	10	19,0	C-VSTI 22x1,5-WD
M 26x1,5	12	21,0	C-VSTI 26x1,5-WD
M 27x2	12	21,0	C-VSTI 27x2 -WD
M 33x2	17	22,5	C-VSTI 33x2 -WD
M 42x2	22	22,5	C-VSTI 42x2 -WD
M 48x2	24	22,5	C-VSTI 48x2 -WD
DIN ISO 228-1 G	SW	L	Bestell-Nr. Part-No.
G 1/8 A	5	12,0	C-VSTI-R 1/8-WD
G 1/4 A	6	17,0	C-VSTI-R 1/4-WD
G 3/8 A	8	17,0	C-VSTI-R 3/8-WD
G 1/2 A	10	19,0	C-VSTI-R 1/2-WD
G 3/4 A	12	21,0	C-VSTI-R 3/4-WD
G 1 A	17	22,5	C-VSTI-R 1 -WD
G 1 1/4 A	22	22,5	C-VSTI-R 1 1/4-WD
G 1 1/2 A	24	22,5	C-VSTI-R 1 1/2-WD

VKA - Korek z O-RINGIEM

Verschlußkegel für Verschraubungskonen
 passend in 24°-Innenkonen, DIN 3861

Plugs with O-ring
 matching type 24° inside tapers, DIN 3861

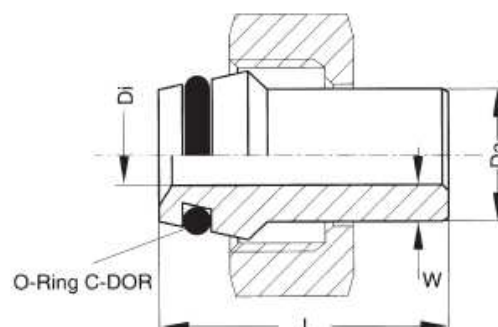
**C-VKA**

Reihe Series	PN bar	Rohr-AD Tube OD Da ₁	L	O-Ring O-ring	Bestell-Nr. Part-No.	kg/100
L	315	6	18,5	4,0×1,5	C-VKA 6-L/S	0,6
		8	18,5	6,0×1,5	C-VKA 8-L/S	0,9
		10	20,0	7,5×1,5	C-VKA 10-L/S	1,4
		12	20,5	9,0×1,5	C-VKA 12-L/S	1,9
		15	20,5	12,0×2,0	C-VKA 15-L	3,1
		18	22,5	15,0×2,0	C-VKA 18-L	6,2
	160	22	25,0	20,0×2,0	C-VKA 22-L	9,9
		28	25,5	26,0×2,0	C-VKA 28-L	15,1
		35	30,0	32,0×2,5	C-VKA 35-L	25,2
		42	30,0	38,0×2,5	C-VKA 42-L	35,9
S	400	14	22,5	10,0×2,0	C-VKA 14-S	2,6
		16	23,5	12,0×2,0	C-VKA 16-S	4,6
		20	28,5	16,3×2,4	C-VKA 20-S	7,7
		25	29,0	22,3×2,4	C-VKA 25-S	11,9
		30	30,5	27,3×2,4	C-VKA 30-S	17,9
	315	38	33,0	33,3×2,4	C-VKA 38-S	30,8

SKA - Końcówka do spawania z O-RINGIEM

**Schweißnippel mit
O-Ring¹)-Abdichtung:**
 DIN 3865
 passend in 24°-Innenkonen
 (Bohrungsform W, DIN 3861)

Weld nipple with O-ring¹)-gasket:
 DIN 3865
 matching type 24° inside tapers
 (bore type W, DIN 3861)



Reihe Series	Da×W	DI	L	Bestell-Nr. O-Ring	Part-No.	kg/100
L/S	•6×1,5	3	31,0	4,0×1,5	C-SKA 6×1,5	0,8
	8×1,5	5	31,0	6,0×1,5	C-SKA 8×1,5	1,0
	•8×2,0	4	31,0	6,0×1,5	C-SKA 8×2,0	1,0
L/S	•10×2,0	6	32,5	7,5×1,5	C-SKA 10×2,0	1,7
	12×1,5	9	32,5	9,0×1,5	C-SKA 12×1,5	?)
	12×2,0	8	32,5	9,0×1,5	C-SKA 12×2,0	?)
	•12×2,5	7	32,5	9,0×1,5	C-SKA 12×2,5	2,2
L	15×2,0	11	36,0	12,0×2,0	C-SKA 15×2,0	?)
	•15×2,5	10	36,0	12,0×2,0	C-SKA 15×2,5	?)
	•18×2,5	13	37,0	15,0×2,0	C-SKA 18×2,5	?)
	•22×2,5	17	38,5	20,0×2,0	C-SKA 22×2,5	?)
	•28×2,5	23	41,5	26,0×2,0	C-SKA 28×2,5	?)
	28×3,0	22	41,5	26,0×2,0	C-SKA 28×3,0	?)
S	35×3,5	28	47,0	32,0×2,5	C-SKA 35×3,5	?)
	•35×4,0	27	47,0	32,0×2,5	C-SKA 35×4,0	?)
	•42×3,0	36	47,0	38,0×2,5	C-SKA 42×3,0	?)
	42×4,0	34	47,0	38,0×2,5	C-SKA 42×4,0	?)
	14×2,0	10	40,0	10,0×2,0	C-SKA 14×2,0	?)
	•14×3,0	8	40,0	10,0×2,0	C-SKA 14×3,0	2,5
	16×2,0	12	38,5	12,0×2,0	C-SKA 16×2,0	?)
	16×2,5	11	38,5	12,0×2,0	C-SKA 16×2,5	?)
	•16×3,0	10	38,5	12,0×2,0	C-SKA 16×3,0	4,4
	20×2,0	16	44,5	16,3×2,4	C-SKA 20×2,0	?)
	20×2,5	15	44,5	16,3×2,4	C-SKA 20×2,5	?)
	20×3,0	14	44,5	16,3×2,4	C-SKA 20×3,0	?)
	•20×3,5	13	44,5	16,3×2,4	C-SKA 20×3,5	?)
	20×4,0	12	44,5	16,3×2,4	C-SKA 20×4,0	8,0
	25×3,0	19	49,5	22,3×2,4	C-SKA 25×3,0	?)
	25×3,5	18	49,5	22,3×2,4	C-SKA 25×3,5	?)
	25×4,0	17	49,5	22,3×2,4	C-SKA 25×4,0	8,2
	•25×5,0	15	49,5	22,3×2,4	C-SKA 25×5,0	11,2
	30×3,0	24	52,0	27,3×2,4	C-SKA 30×3,0	?)
	•30×4,0	22	52,0	27,3×2,4	C-SKA 30×4,0	15,5
	30×5,0	20	52,0	27,3×2,4	C-SKA 30×5,0	?)
	30×6,0	18	52,0	27,3×2,4	C-SKA 30×6,0	?)
	38×3,0	32	56,5	33,3×2,4	C-SKA 38×3,0	?)
	38×4,0	30	56,5	33,3×2,4	C-SKA 38×4,0	?)
	•38×5,0	28	56,5	33,3×2,4	C-SKA 38×5,0	27,3
	38×6,0	26	56,5	33,3×2,4	C-SKA 38×6,0	31,8
	38×7,0	24	56,5	33,3×2,4	C-SKA 38×7,0	?)
	38×8,0	22	56,5	33,3×2,4	C-SKA 38×8,0	?)