

## DESCRIPTION

### Kamlock:

An asymetrisxh coupling system in which male and female parts are locked by 2 levers. Hose connection according to MIL standard (MIL-C-27487) is made with clamps, according to DIN EN 14420-7 (formerly DIN 2828) by means of clamping discs.

### Kamlok quick couplings:

- Robust couplings according to US-MIL standard (MIL-C-27487) and DIN EN 14420-7 made of brass, stainless steel, polypropylene and aluminum
- Interchangeable with commercially available types worldwide
- Couplings with lever lock and safety clips
- Spare seals and levers
- Universal coupling for use in construction and industry, in air and water lines, on pumps, in the steel industry and agriculture, shipbuilding, food industry and medical technology.

## Quick couplings

Temperature range: -10°C to max. +80°C

- Advantages**
- Full passage
  - Low pressure drop
  - Also suitable for solids, because no internal valves
  - Dimensions standardized worldwide according to MIL-C-27487

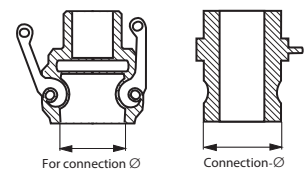
### Materials:

Body	Gasket	Handles	Rings, locking pins, chain
Stainless steel 1.4408	NBR	Stainless steel	Stainless steel
Polypropylen	EPDM*	Stainless steel	Stainless steel
Messing	NBR	Messing	Stainless steel
Aluminium	NBR	Stainless steel	Steel galvanized

\* 1 1/4" (Stecker-Ø 45 mm): NBR

### Operating pressure:

	1/2"	3/4" - 2"	2 1/2"	3"	4"	5" - 6"
Stainless steel 1.4408	11 bar	18 bar	16 bar	14 bar	7 bar	7 bar
Polypropylen (+40°C)	---	6 bar	6 bar	6 bar	6 bar	---
Messing & Aluminium	11 bar	18 bar	11 bar	9 bar	7 bar	5 bar



- 1) For liquids please use preferably stainless steel, brass or aluminum, 2) Plug-Ø 53.4 mm with reduced connection. This does not comply with the standard! 3) four hand levers, 4) one hand lever without safety pin.

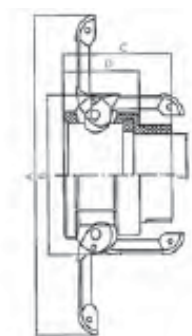
## QUICK COUPLINGS WITH MALE THREAD

Optional: NPT-Thread (Type 1.4408) -NPT

Type 1.4408	Type Polypropylene	Type Brass	Type Aluminium	Thread	DN	for Connector Ø
QCSMT12RVS	---	QCSMT12B	---	R 1/2"	15 (1/2")	24,3
QCSMT34RVS	QCSMT34PP	QCSMT34B	QCSMT34A	R 3/4"	20 (3/4")	32,1
QCSMT10RVS	QCSMT10PP	QCSMT10B	QCSMT10A	R 1"	25 (1")	36,7
QCSMT114RVS	QCSMT114PP	QCSMT114B	QCSMT114A	R 1 1/4"	32 (1 1/4")	45,5
---	QCSMT114PPB	---	---	R 1 1/4"	40 (1 1/2")	53,4
QCSMT112RVS	QCSMT112PP	QCSMT112B	QCSMT112A	R 1 1/2"	40 (1 1/2")	53,4
QCSMT20RVS	QCSMT20PP	QCSMT20B	QCSMT20A	R 2"	50 (2")	63,0
QCSMT212RVS	---	QCSMT212B	QCSMT212A	R 2 1/2"	60 (2 1/2")	75,8
QCSMT30RVS	QCSMT30PP	QCSMT30B	QCSMT30A	R 3"	75 (3")	91,5
QCSMT40RVS	QCSMT40PP	QCSMT40B	QCSMT40A	R 4"	90 (4")	119,5
QCSMT50RVS	---	QCSMT50B	QCSMT50A	R 5"	120 (5")	145,2
QCSMT60RVS	---	QCSMT60B	QCSMT60A	R 6"	140 (6")	175,9



Type	A	B	C	D	E
QCSMT34 ...	110	52	53	33	15
QCSMT10 ...	119	61	62	40	24
QCSMT114 ...	178	82	71	45	32
QCSMT112 ...	185	91	69	46	38
QCSMT20 ...	195	100	76	51	49
QCSMT212 ...	242	138	85	55	63
QCSMT30 ...	248	138	89	58	76
QCSMT40 ...	277	166	95	59	100
QCSMT50 ...	318	214	97	60	126
QCSMT60 ...	410	255	104	63	151

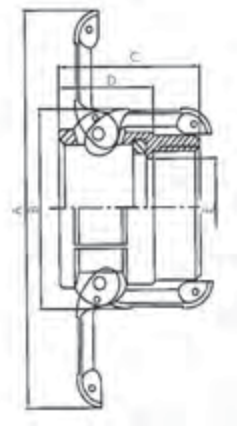


## QUICK COUPLING WITH FEMALE THREAD

Optional: NPT-Thread (Type 1.4408) -NPT

Type 1.4408	Typ Polypropylen	Typ Brass	Typ Aluminium	Thread	DN	for Connector Ø
<b>QCS12 RVS</b>	---	QCS12MS	---	Rp 1/2"	15 (1/2")	24,3
QCS34 RVS	QCS34PP	QCS34MS	QCS34A	Rp 3/4"	20 (3/4")	32,1
QCS10 RVS	QCS10PP	QCS10MS	QCS10A	Rp 1"	25 (1")	36,7
QCS114 RVS	QCS114PP	QCS114MS	QCS114A	Rp 1 1/4"	32 (1 1/4")	45,5
---	QCS114PP	---	---	Rp 1 1/4"	40 (1 1/2")	53,4
QCS112 RVS	QCS112PP	QCS112MS	QCS112A	Rp 1 1/2"	40 (1 1/2")	53,4
QCS20 RVS	QCS20PP	QCS20MS	QCS20A	Rp 2"	50 (2")	63,0
QCS212 RVS	---	QCS212MS	QCS212A	Rp 2 1/2"	60 (2 1/2")	75,8
QCS30 RVS	QCS30PP	QCS30MS	QCS30A	Rp 3"	75 (3")	91,5
QCS40 RVS	QCS40PP	QCS40MS	QCS40A	Rp 4"	90 (4")	119,5
QCS50 RVS	---	QCS50MS	QCS50A	Rp 5"	120 (5")	145,2
QCS60 RVS	---	QCS60MS	QCS60A	Rp 6"	140 (6")	175,9

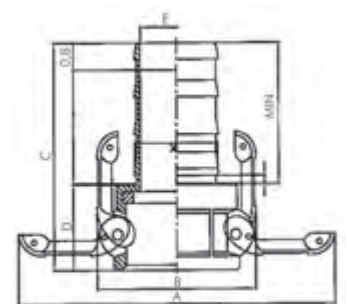
Type	A	B	C	D	E
QCS34 ...	110	52	53	33	16
QCS10 ...	119	61	61	40	24
QCS114 ...	178	82	71	45	33
QCS112 ...	185	91	70	46	40
QCS20 ...	195	100	75	51	49
QCS212 ...	242	138	85	55	63
QCS30 ...	248	138	91	58	76
QCS40 ...	227	166	95	59	95
QCS50 ...	318	214	97	60	125
QCS60 ...	410	255	100	63	146



## QUICK COUPLING WITH HOSE TAIL

Type 1.4408	Typ Polypropylen	Type Brass	Type Aluminium	Hose Ø inside	DN	for Connector Ø
QCS1HRVS	---	QCS13HB	---	13	15 (1/2")	24,3
QCS19HRVS	QCS19HPP	QCS19HB	QCS19A	19	20 (3/4")	32,1
QCS25HRVS	QCS25HPP	QCS 25HB	QCS25A	25	25 (1")	36,7
QCS32HRVS	QCS32HPP	QCS32HB	QCS32A	32	32 (1 1/4")	45,5
---	QCS32HPPB	---	---	32	40 (1 1/2")	53,4
QCS38HRVS	QCS38HPP	QCS38HB	QCS38A	38	40 (1 1/2")	53,4
QCS50HRVS	QCS50HPP	QCS50HB	QCS50A	50	50 (2")	63,0
QCS63HRVS	---	QCS 63HB	QCS63A	63	60 (2 1/2")	75,8
QCS75HRVS	QCS75 HPP	QCS75HB	QCS75A	75	75 (3")	91,5
QCS100HRVS	QCS100HPP	QCS100HB	QCS100A	100	90 (4")	119,5
QCS125HRVS	---	QCS125HB	QCS125A	127	120 (5")	145,2
QCS150HRVS	---	QCS150HB	QCS150A	150	140 (6")	175,9

Type	A	B	C	D	E	MIN
QS19H ...	110	152	85	33	13	51
QS25H ...	119	61	98	40	20	57
QS32H ...	178	82	103	45	25	57
QS38H ...	185	91	121	46	32	60
QS50H ...	195	100	123	51	42	70
QS63H ...	242	138	151	55	56	96
QS75H ...	248	138	159	58	69	102
QS100H ...	277	166	169	59	92	108
QS125H ...	318	214	192	60	117	132
QS150H ...	410	255	234	63	142	172



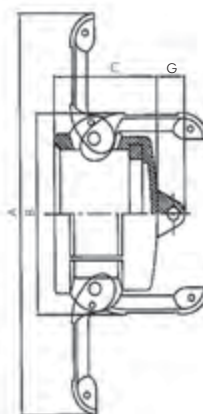
### CLOSURE CAPS FOR QUICK COUPLING PLUGS

Type 1.4408	Type Polypropylen	Type Brass	Type Aluminium	Size	DN	Connector Ø
EC12 DCRVS	---	EC12 DCMS	---	1/2"	15 (1/2")	24,3
EC34 DCRVS	EC34 DCPD	EC34 DCMS	EC34 DCA	3/4"	20 (3/4")	32,1
EC10 DCRVS	EC10 DCPD	EC10 DCMS	EC10 DCA	1"	25 (1")	36,7
EC114 DCRVS	EC114 DCPD	EC114 DCMS	EC114 DCA	1 1/4"	32 (1 1/4")	45,5
EC112 DCRVS	EC112 DCPD	EC112 DCMS	EC112 DCA	1 1/2"	40 (1 1/2")	53,4
EC20 DCRVS	EC20 DCPD	EC20 DCMS	EC20 DCA	2"	50 (2")	63,0
EC212 DCRVS	---	EC212 DCMS	EC212 DCA	2 1/2"	60 (2 1/2")	75,8
EC30 DCRVS	EC30 DCPD	EC30 DCMS	EC30 DCA	3"	75 (3")	91,5
EC40 DCRVS	EC40 DCPD	EC40 DCMS	EC40 DCA	4"	90 (4")	119,5
EC50 DCRVS	---	EC50 DCMS	EC50 DCA	5"	120 (5")	145,2
EC60 DCRVS	---	EC60 DCMS	EC60 DCA	6"	140 (6")	175,9

1) For liquids please use preferably stainless steel, brass or aluminum, 3) four hand levers, 4) one hand lever without locking pin



Type	A	B	C	D	G
EC34DC ...	110	52	35	33	15
EC10DC...	119	61	42	40	24
EC114DC...	178	82	45	45	32
EC112DC ...	185	91	48	46	38
EC20DC ...	195	100	54	51	49
EC212DC ...	242	138	57	56	63
EC30DC ...	248	138	62	58	76
EC40DC ...	277	166	63	59	100
EC50DC ...	318	214	66	60	126
EC60DC ...	410	255	69	63	151



### QUICK COUPLING PLUG WITH MALE THREAD

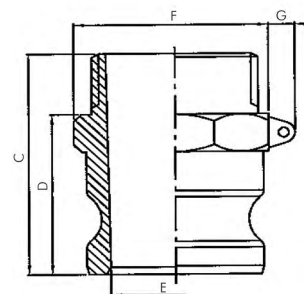
Optional: NPT-Thread (Type 1.4408) -NPT

Type 1.4408	Type Polypropylen	Type Brass	Type Aluminium	Thread	DN	Connector Ø
QACR12RVS	---	QACR12MS	---	R 1/2"	15 (1/2")	24,3
QACR34RVS	QACR34PP	QACR34MS	QACR34A	R 3/4"	20 (3/4")	32,1
QACR10RVS	QACR10PP	QACR10MS	QACR10A	R 1"	25 (1")	36,7
QACR114RVS	QACR114PP	QACR114MS	QACR114A	R 1 1/4"	32 (1 1/4")	45,5
---	QACR114PPB	---	---	R 1 1/4"	40 (1 1/2")	53,4
QACR112RVS	QACR112PP	QACR112MS	QACR112A	R 1 1/2"	40 (1 1/2")	53,4
QACR20RVS	QACR20PP	QACR20MS	QACR20A	R 2"	50 (2")	63,0
QACR212RVS	---	QACR212MS	QACR212A	R 2 1/2"	60 (2 1/2")	75,8
QACR30RVS	QACR30PP	QACR30MS	QACR30A	R 3"	75 (3")	91,5
QACR40RVS	QACR40PP	QACR40MS	QACR40A	R 4"	90 (4")	119,5
QACR50RVS	---	QACR50MS	QACR50A	R 5"	120 (5")	145,2
QACR60RVS	---	QACR60MS	QACR60A	R 6"	140 (6")	175,9

1) For liquids please use preferably stainless steel, brass or aluminum, 2) Plug-Ø 53.4 mm with reduced connection. This does not comply with the standard!



Type	C	D	E	F	G
QACR34 ...	60	41	20	37	8
QACR10 ...	71	50	24	42	10
QACR114 ...	81	55	28	51	10
QACR112 ...	79	47	35	60	10
QACR 20 ...	87	63	45	70	10
QACR212 ...	100	70	56	80	10
QACR30 ...	102	72	73	102	10
QACR40 ...	115	79	98	125	10
QACR50 ...	112	75	125	152	7
QACR60 ...	121	80	150	196	8



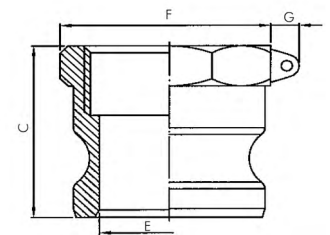
### QUICK COUPLING PLUG WITH FEMALE THREAD

Optional: NPT-Thread (Type 1.4408) -NPT

Type 1.4408	Type Polypropylen	Type Brass	Type Aluminium	Thread	DN	Connector Ø
QACRP12RVS	---	QACRP12MS	---	Rp 1/2"	15 (1/2")	24,3
QACRP34RVS	QACRP34PP	QACRP34MS	QACRP34A	Rp 3/4"	20 (3/4")	32,1
QACRP10RVS	QACRP10PP	QACRP10MS	QACRP10A	Rp 1"	25 (1")	36,7
QACRP114RVS	QACRP114PP	QACRP114MS	QACRP114 A	Rp 1 1/4"	32 (1 1/4")	45,5
---	QACRP114PPB	---	---	Rp 1 1/4"	40 (1 1/2")	53,4
QACRP112RVS	QACRP112PP	QACRP112MS	QACRP112A	Rp 1 1/2"	40 (1 1/2")	53,4
QACRP20RVS	QACRP20PP	QACRP20MS	QACRP20A	Rp 2"	50 (2")	63,0
QACRP212RVS	---	QACRP212MS	QACRP212A	Rp 2 1/2"	60 (2 1/2")	75,8
QACRP30RVS	QACRP30PP	QACRP30MS	QACRP30A	Rp 3"	75 (3")	91,5
QACRP40RVS	QACRP40PP	QACRP40MS	QACRP40A	Rp 4"	90 (4")	119,5
QACRP50RVS	---	QACRP50MS	QACRP50A	Rp 5"	120 (5")	145,2
QACRP60RVS	---	QACRP60MS	QACRP60A	Rp 6"	140 (6")	175,9

1) For liquids please use preferably stainless steel, brass or aluminum, 2) Plug-Ø 53.4 mm with reduced connection. This does not comply with the standard!

Type	C	E	F	G
QACRP34 ...	41	20	37	8
QACRP10 ...	50	24	42	10
QACRP114 ...	57	28	51	10
QACRP112 ...	57	35	60	10
QACRP20 ...	63	45	70	10
QACRP212 ...	70	56	80	10
QACRP30 ...	72	73	102	10
QACRP40 ...	79	98	125	10
QACRP50 ...	75	125	152	7
QACRP60 ...	85	150	196	8



### QUICK COUPLING PLUG WITH FEMALE THREAD FOR IBC-CONTAINER

Type Polypropylen	Thread	DN	Connector Ø
QAC60625IBC	S 60x6	25 (1")	36,7
QAC100825IBC	S 100x8	25 (1")	36,7
QAC60650IBC	S 60x6	50 (2")	63,0
QAC100850IBC	S 100x8	50 (2")	63,0



### QUICK COUPLING PLUG WITH HOSE TAIL

Type 1.4408	Type Polypropylen <sup>1)</sup>	Type Brass	Type Aluminium	Hose Ø inside	DN	Connector Ø
QACH13RVS	---	QACH13MS	---	13	15 (1/2")	24,3
QACH19RVS	QACH19PP	QACH19MS	QACH19A	19	20 (3/4")	32,1
QACH25RVS	QACH25PP	QACH25MS	QACH25A	25	25 (1")	36,7
QACH32RVS	QACH32PP	QACH32MS	QACH32A	32	32 (1 1/4")	45,5
---	QACH32PPB	---	---	32	40 (1 1/2")	53,4
QACH38RVS	QACH38PP	QACH38MS	QACH38A	38	40 (1 1/2")	53,4
QACH50RVS	QACH50PP	QACH50MS	QACH50A	50	50 (2")	63,0
QACH63RVS	---	QACH63MS	QACH63A	63	60 (2 1/2")	75,8
QACH75RVS	QACH75PP	QACH75MS	QACH75A	75	75 (3")	91,5
QACH100RVS	QACH100PP	QACH100MS	QACH100A	100	90 (4")	119,5
QACH125RVS	---	QACH125MS	QACH125A	127	120 (5")	145,2
QACH150RVS	---	QACH150MS	QACH150A	150	140 (6")	175,9

1) For liquids please use preferably stainless steel, brass or aluminum, 2) Plug-Ø 53.4 mm with reduced connection. This does not comply with the standard!

Type	B	C	E	MIN
QACH19 ...	34	44	20	51
QACH25 ...	42	103	24	57
QACH32 ...	48	110	28	57
QACH38 ...	58	129	36	60
QACH50 ...	67	131	45	70
QACH63 ...	82	161	56	964
QACH75 ...	91	174	73	102
QACH100 ...	120	179	98	108
QACH125 ...	148	207	125	171
QACH150 ...	185	244	150	172



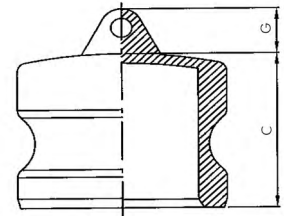
**LOCKING PLUG FOR QUICK COUPLING SOCKETS**

Type 1.4408	Type Polypropylen <sup>1)</sup>	Type Brass	Type Aluminium	Size	DN	Connector Ø
VPQCK12RVS	---	VPQCK 12MS	---	1/2"	15 (1/2")	24,3
VPQCK 34RVS	VPQCK 34PP	VPQCK34MS	VPQCK34A	3/4"	20 (3/4")	32,1
VPQCK10RVS	VPQCK10PP	VPQCK 10MS	VPQCK10A	1"	25 (1")	36,7
VPQCK114RVS	VPQCK114PP	VPQCK114MS	VPQCK114A	1 1/4"	32 (1 1/4")	45,5
VPQCK112RVS	VPQCK 112PP	VPQCK112MS	VPQCK112A	1 1/2"	40 (1 1/2")	53,4
VPQCK20RVS	VPQCK20PP	VPQCK20MS	VPQCK20A	2"	50 (2")	63,0
VPQCK212RVS	---	VPQCK212MS	VPQCK212A	2 1/2"	60 (2 1/2")	75,8
VPQCK30RVS	VPQCK30PP	VPQCK30MS	VPQCK30A	3"	75 (3")	91,5
VPQCK40RVS	VPQCK40PP	VPQCK40MS	VPQCK40A	4"	90 (4")	119,5
VPQCK50RVS	---	VPQCK50MS	VPQCK50A	5"	120 (5")	145,2
VPQCK60RVS	---	VPQCK60MS	VPQCK60A	6"	140 (6")	175,9

1) For liquids please use preferably stainless steel, brass or aluminum, 2) Plug-Ø 53.4 mm with reduced connection. This does not comply with the standard!



Type	C	G
VPQCK34 ...	28	10
VPQCK10 ...	37	15
VPQCK114 ...	43	15
VPQCK112 ...	45	15
VPQCK20 ...	51	15
VPQCK212 ...	50	15
VPQCK30 ...	55	15
VPQCK40 ...	58	15
VPQCK50 ...	58	20
VPQCK0 ...	63	22



## QUICK COUPLING SOCKETS/ LOCKING CAPS WITH SAFETY LOCK

### Quick couplings with safety interlock

#### Function:

A safety catch integrated in the hand levers locks the coupling fully automatically in the coupled state. The coupling can only be opened by manually unlocking the safety levers (2 1/2" and 6" with unlocking pin). All quick coupling plugs (standardized according to MIL-C-27487) can be used.

#### Materials:

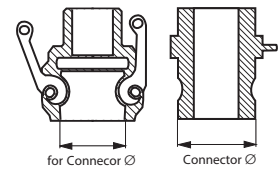
Body: stainless steel 1.4408, seal: NBR, handle, ring and chain: stainless steel

#### Temperature range:

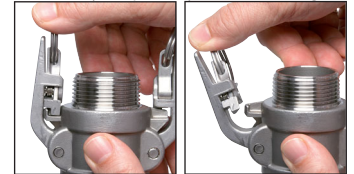
-10°C to max. +80°C

#### Advantages:

- Coupling is automatically secured in coupled state
- Security pins can not be lost
- Full passage
- Low pressure loss
- Also suitable for solids, as no internal valves
- Dimensions standardized worldwide according to MIL-C-27487



Can only be opened by manual unlocking!



## QUICK COUPLING SOCKETS/LOCKING CAPS WITH SAFETY INTERLOCK, EXTERNAL THREAD

Type	Thread	DN	For Connector Ø	PN
1.4408				
SCMT10RVS	R 1"	25 (1")	36,7	16 bar
SCMT114RVS	R 1 1/4"	32 (1 1/4")	45,5	16 bar
SCMT112RVS	R 1 1/2"	40 (1 1/2")	53,4	16 bar
SCMT20RVS	R 2"	50 (2")	63,0	16 bar
SCMT21RVS	R 2 1/2"	60 (2 1/2")	75,8	16 bar
SCMT30RVS	R 3"	75 (3")	91,5	14 bar
SCMT40RVS	R 4"	90 (4")	119,5	7 bar
SCMT60RVS	R 6"	140 (6")	175,9	7 bar



## QUICK COUPLING SOCKETS WITH SAFETY INTERLOCK, INTERNAL THREAD

Type	Thread	DN	For Connector Ø	PN
1.4408				
SCF10 ES-S	Rp 1"	25 (1")	36,7	16 bar
SCF114 ES-S	Rp 1 1/4"	32 (1 1/4")	45,5	16 bar
SCF112 ES-S	Rp 1 1/2"	40 (1 1/2")	53,4	16 bar
SCF20 ES-S	Rp 2"	50 (2")	63,0	16 bar
SCF212 ES-S	Rp 2 1/2"	60 (2 1/2")	75,8	16 bar
SCF30 ES-S	Rp 3"	75 (3")	91,5	14 bar
SCF40 ES-S	Rp 4"	90 (4")	119,5	7 bar
SCF60 ES-S	Rp 6"	140 (6")	175,9	7 bar



## QUICK COUPLING SOCKETS WITH SAFETY INTERLOCK, HOZE TAIL

Type	Hose Ø inside	DN	For Connector Ø	PN
1.4408				
SCH25RVS	25	25 (1")	36,7	16 bar
SCH32RVS	32	32 (1 1/4")	45,5	16 bar
SCH38RVS	38	40 (1 1/2")	53,4	16 bar
SCH50RVS	50	50 (2")	63,0	16 bar
SCH63RVS	63	60 (2 1/2")	75,8	16 bar
SCH75RVS	75	75 (3")	91,5	14 bar
SCH100RVS	100	90 (4")	119,5	7 bar
SCH150RVS	150	140 (6")	175,9	7 bar



## LOCKING CAPS WITH SAFETY INTERLOCK FOR QUICK COUPLING PLUGS

Type	Size	DN	For Connector Ø	PN
1.4408				
SEC10RVS	1"	25 (1")	36,7	16 bar
SEC114RVS	1 1/4"	32 (1 1/4")	45,5	16 bar
SEC112RVS	1 1/2"	40 (1 1/2")	53,4	16 bar
SEC20RVS	2"	50 (2")	63,0	16 bar
SEC212RVS	2 1/2"	60 (2 1/2")	75,8	16 bar
SEC30RVS	3"	75 (3")	91,5	14 bar
SEC40RVS	4"	90 (4")	119,5	7 bar
SEC60SRVS	6"	140 (6")	175,9	7 bar



## QUICK COUPLING SOCKETS- PLUGS ACCORDING TO DIN 2828

### Quick release couplings

(DIN 2828)

**Materials:**

Body: stainless steel 1.4408, seal: NBR, handle, ring: stainless steel (internal threads are equipped with PTFE flat seals)

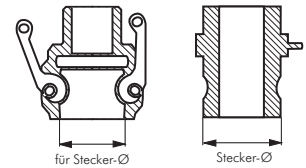
**Temperature range:**

-10°C to max. +80°C

**Advantages:**

- Full passage
- Low pressure loss
- Also suitable for solids, as no internal valves

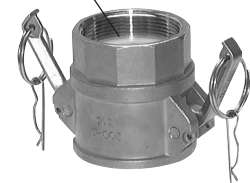
Those couplings are different from standard couplings only in the design of the internal thread or hose socket. They are fully compatible with standard couplings according to MIL-C-27487.



### QUICK COUPLING SOCKETS WITH FEMALE THREAD (DIN 2828)

Type 1.4408	Thread	DN	For Connector Ø	PN
QCS34RVSDIN	G 3/4"	20 (3/4")	32,1	18 bar
QCS10RVSDIN	G 1"	25 (1")	36,7	18 bar
QCS114RVSDIN	G 1 1/4"	32 (1 1/4")	45,5	18 bar
QCS112RVSDIN	G 1 1/2"	40 (1 1/2")	53,4	18 bar
QCS20RVSDIN	G 2"	50 (2")	63,0	18 bar
QCS212RVSDIN	G 2 1/2"	60 (2 1/2")	75,8	16 bar
QCS30RVSDIN	G 3"	75 (3")	91,5	14 bar
QCS40RVSDIN	G 4"	90 (4")	119,5	7 bar

Female thread with PTFE-flat gasket

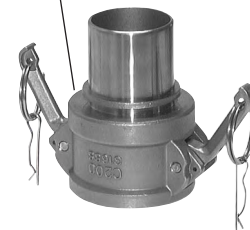


### QUICK COUPLING SOCKETS WITH HOZE TAIL (DIN 2828)

**Note:** Hose binding is done by means of shell hose clamps according to DIN 2817

Type 1.4408	Hose Ø inside	DN	For Connector Ø	PN
QCH19RVS	19	20 (3/4")	32,1	18 bar
QCH25RVS	25	25 (1")	36,7	18 bar
QCH32RVS	32	32 (1 1/4")	45,5	18 bar
QCH38RVS	38	40 (1 1/2")	53,4	18 bar
QCH50RVS	50	50 (2")	63,0	18 bar
QCH63RVS	63	60 (2 1/2")	75,8	16 bar
QCH75RVS	75	75 (3")	91,5	14 bar
QCH100RVS	100	90 (4")	119,5	7 bar

Clamp cover



### QUICK COUPLING PLUG WITH FEMALE THREAD (DIN 2828)

Type 1.4408	Thread	DN	Connector Ø	PN
QAC34FRVS	G 3/4"	20 (3/4")	32,1	18 bar
QAC10FRVS	G 1"	25 (1")	36,7	18 bar
QAC114FRVS	G 1 1/4"	32 (1 1/4")	45,5	18 bar
QAC112FRVS	G 1 1/2"	40 (1 1/2")	53,4	18 bar
QAC20FRVS	G 2"	50 (2")	63,0	18 bar
QAC212FRVS	G 2 1/2"	60 (2 1/2")	75,8	16 bar
QAC30FRVS	G 3"	75 (3")	91,5	14 bar
QAC40FRVS	G 4"	90 (4")	119,5	7 bar

Female thread with PTFE-flat gasket



### QUICK COUPLING PLUG WITH HOZE TAIL (DIN 2828)

**Note:** Hose binding is done by means of shell hose clamps according to DIN 2817

Type 1.4408	Hose Ø inside	DN	Connector Ø	PN
QACHE19RVS	19	20 (3/4")	32,1	18 bar
QACHE25RVS	25	25 (1")	36,7	18 bar
QACHE32RVS	32	32 (1 1/4")	45,5	18 bar
QACHE38RVS	38	40 (1 1/2")	53,4	18 bar
QACHE50RVS	50	50 (2")	63,0	18 bar
QACHE63RVS	63	60 (2 1/2")	75,8	16 bar
QACHE75RVS	75	75 (3")	91,5	14 bar
QACHE100RVS	100	90 (4")	119,5	7 bar

Clamp cover



### QUICK COUPLING WITH WELDING END

Type	Welding Ø	DN	For Connector Ø
1.4408			
KLDAS 12 ES	21,3	15 (1/2")	24,3
KLDAS 34 ES	26,9	20 (3/4")	32,1
KLDAS 10 ES	33,7	25 (1")	36,7
KLDAS 114 ES	42,4	32 (1 1/4")	45,5
KLDAS 112 ES	48,3	40 (1 1/2")	53,4
KLDAS 20 ES	60,3	50 (2")	63,0
KLDAS 212 ES	76,1	60 (2 1/2")	75,8
KLDAS 30 ES	88,9	75 (3")	91,5
KLDAS 40 ES	114,3	90 (4")	119,5



### QUICK PLUG WITH WELDING END

Type	Welding Ø	DN	Connector Ø
1.4408			
KLSAS 12 ES	21,3	15 (1/2")	24,3
KLSAS 34 ES	26,9	20 (3/4")	32,1
KLSAS 10 ES	33,7	25 (1")	36,7
KLSAS 114 ES	42,4	32 (1 1/4")	45,5
KLSAS 112 ES	48,3	40 (1 1/2")	53,4
KLSAS 20 ES	60,3	50 (2")	63,0
KLSAS 212 ES	76,1	60 (2 1/2")	75,8
KLSAS 30 ES	88,9	75 (3")	91,5
KLSAS 40 ES	114,3	90 (4")	119,5



### QUICK CONNECT CONNECTOR FOR PLUG

Type	DN	For Connector Ø
Aluminium		
KLDX 112 A	40 (1 1/2")	53,4
KLDX 20 A	50 (2")	63,0
KLDX 30 A	75 (3")	91,5
KLDX 40 A	90 (4")	119,5



### QUICK COUPLING CONNECTOR FOR CANS

Type	DN	Connector Ø
Aluminium		
KLSX 10 A	25 (1")	36,7
KLSX 114 A	32 (1 1/4")	45,5
KLSX 112 A	40 (1 1/2")	53,4
KLSX 20 A	50 (2")	63,0
KLSX 30 A	75 (3")	91,5
KLSX 40 A	90 (4")	119,5
KLSX 60 A	140 (6")	175,9





## GASKET DIMENSIONS, REPLACEMENT GASKETS AND SPECIAL GASKETS

### GASKET DIMENSIONS

Gasket size	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"
Outer Ø approx.	26,5	35	40	50	55	65	80	95	120	150	180

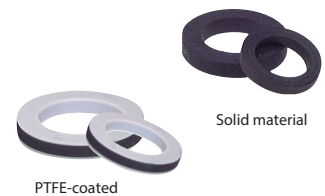
### Replacement seals for quick couplings/Kamlock

**Materials:** NBR: (-10°C to +80°C) elastic standard material for neutral media such as air, oil and water. Good resistance to mechanical stress. EPDM: (-20°C to +130°C) elastic, resistant to alkalis and acids of medium concentration, water, hot water and steam. Not resistant to oils and greases.

**FKM:** (-20°C to + 180°C) elastic, elastomer with high temperature and weather resistance. Suitable for many acids, bases, fuels and oils (also synthetic). Unstable to hot water and steam. Hypalon: (-40°C to +160°C) elastic and good chemical resistance. PTFE\*: (-180°C to +200°C) very stiff and very good chemical resistance (install with care). Resistant to almost all chemicals, even at higher temperatures. NBR/PTFE: (-10°C to + 80°C) elastic and very good chemical resistance. FKM/PTFE: (-20°C to +180°C) elastic and very good chemical resistance.

Type NBR	Type EPDM	Type FKM	Type Hypalon	Type PTFE*	ca. Outside Ø	DN
<b>Solid material</b>						
RSNBR15	RSEPD15	RSFKM15	RSHY12	----	27	15 (1/2")
RSNBR20	RSEPD20	RSFKM20	RSHY34	RSPTFE34	35	20 (3/4")
RSNBR25	RSEPD25	RSFKM25	RSHY10	RSPTFE10	40	25 (1")
RSNBR32	RSEPD32	RSFKM32	RSHY114	RSPTFE114	50	32 (1 1/4")
RSNBR40	RSEPD40	RSFKM40	RSHY112	RSPTFE112	55	40 (1 1/2")
RSNBR50	RSEPD50	RSFKM50	RSHY20	RSPTFE20	65	50 (2")
RSNBR60	RSEPD60	RSFKM60	RSHY212	RSPTFE212	80	60 (2 1/2")
RSNBR75	RSEPD75	RSFKM75	RSHY30	RSPTFE30	95	75 (3")
RSNBR90	RSEPD90	RSFKM90	RSHY40	RSPTFE40	120	90 (4")
RSNBR120	---	---	---	---	150	120 (5")
RSNBR140	---	---	---	---	180	140 (6")
<b>PTFE-coated, open on one side</b>						
Type NBR/PTFE	Type FKM/PTFE					
RSNBRPTFE20	RSFKMPTFE20				35	20 (3/4")
RSNBRPTFE25	RSFKMPTFE25				40	25 (1")
RSNBRPTFE32	RSFKMPTFE32				50	32 (1 1/4")
RSNBRPTFE40	RSFKMPTFE40				55	40 (1 1/2")
RSNBRPTFE50	RSFKMPTFE50				65	50 (2")
RSNBRPTFE60	RSFKMPTFE60				80	60 (2 1/2")
RSNBRPTFE75	RSFKMPTFE75				95	75 (3")
RSNBRPTFE90	RSFKMPTFE90				120	90 (4")

\* not recommended as very stiff, small nominal sizes difficult to mount!



### Special seals for quick couplings/Kamlock

**Materials:**

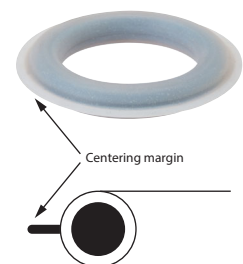
O-ring: FKM, sheath: PTFE (completely closed), complies with the requirements of regulation FDA 21 CFR 177.1550.

**Temperature range:**

-20°C to max. +200°C

**Advantages:**

- No contact of the medium with the elastomer core due to the seamless sheathing
- Easy insertion of the seal due to flexible PTFE centering ring
- Universal chemical resistance (unlike welded FEP jacketed gaskets)
- Low coefficient of friction (6 x lower than FEP/PFA)



Type	ca. outside Ø	DN
RSKCPTFEFKM20	35	20 (3/4")
RSKCPTFEFKM25	40	25 (1")
RSKCPTFEFKM32	50	32 (1 1/4")
RSKCPTFEFKM40	55	40 (1 1/2")
RSKCPTFEFKM50	65	50 (2")
RSKCPTFEFKM60	80	60 (2 1/2")
RSKCPTFEFKM75	95	75 (3")
RSKCPTFEFKM90	120	90 (4")

### REPLACEMENT CHAINS FOR QUICK COUPLERS/KAMLOCK

Typ	Description
RCFKCRVS	Sturdy stainless steel chain, approx. 300 mm long (ring center / ring center)

