

## QUICK-RELEASE COUPLINGS RPL

### TEMPERATURE CONTROL

- FULL FLOW
- Nominal diameter:  
6, 8 and 12 mm



- Immediate visual identification of the circuits
- Easy connection and disconnection
- Even faster installation due to pre-applied PTFE on straight socket male threads
- RPL 08 bridge for easy creation of loops on your mould cooling circuits

### APPLICATIONS

- Cold, chilled or hot water circuits.
- Mould temperature control connections on thermoplastic, Zamak or aluminium injection moulds.

# RPL FULL-FLOW QUICK-RELEASE COUPLINGS

NEW GENERATION

# FOR GREATER AND



## IDENTIFICATION OF YOUR CIRCUITS

### EVEN QUICKER AND PRECISE

- Your hot or cold circuits are quickly and easily identified by **red or blue collars installed onto straight or extended sockets and onto plugs.**

Possible marking of circuit number on socket collar.

## EVEN MORE SAFETY

### VISUAL VALIDATION OF THE CONNECTED POSITION

- You control the locked position by visualizing the red, blue or black collar on the plug.

## EVEN MORE RELIABILITY

- thanks to the reinforced locking mechanism.

## EVEN EASIER CONNECTION AND DISCONNECTION

The RPL range is quick to operate, reliable and designed for one handed operation.

The knurled locking sleeve ensures easy plug handling.

When installed in a confined area, a shape ( $\varnothing$  8 and 12 mm) or a groove ( $\varnothing$  6 mm) on the locking sleeve, allows the disconnection via a tool, in complete safety.



## MARKING ON BOTH SOCKET AND PLUG



## 3 DIFFERENT SIZES FOR ALL MOULD APPLICATIONS

RPL quick-release couplings with internal diameters 6, 7.5 or 12 mm gives maximum through flow with minimum outside dimensions.

## PERFORMANCE

RPL couplings are full-flow, thereby avoiding any build-up of deposits.



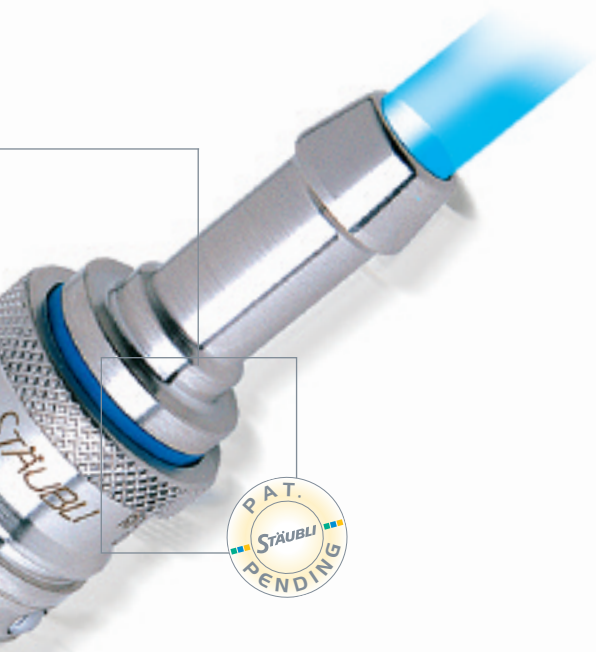
## EASE OF MAINTENANCE

Seal changes on the plugs are quick and easy.

## EFFICIENCY


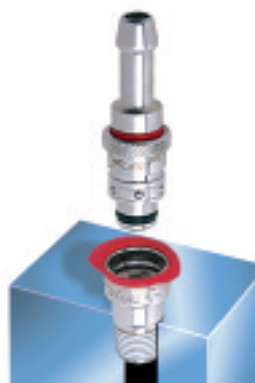
Excellent immediate long term sealing due to pre-applied PTFE on straight socket male thread.

# SPEED EFFICIENCY



## EASY HANDLING OF THE MOULDS

### TWO METHODS FOR SOCKET INSTALLATION

	
<b>FLUSH MOUNTED</b> for new moulds: - easier storage of the moulds. - no risk of damage to the sockets.	<b>SLIGHTLY RAISED</b> for existing moulds.

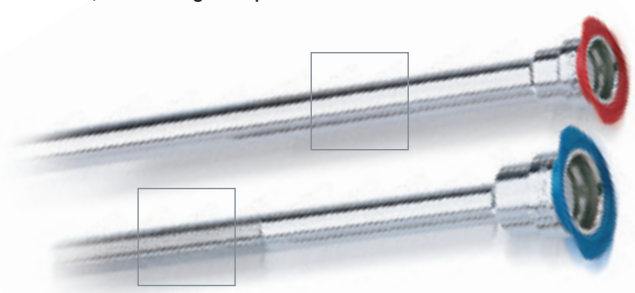
## A COMPLETE RANGE

### 2 types of extended sockets

In nickel plated brass, smooth or threaded, the strong one piece socket extenders are easily installed.

SMOOTH VERSION

THREADED VERSION



### RPL 08 BRIDGE

The RPL 08 rigid bridges ensure that water loops are neat and tidy.





## TECHNICAL FEATURES

### RPL 06



Nominal bore (mm)	6
Max. working pressure (bar)	10
Working temperatures (°C) with O-ring in Nitrile	-15 to +90 *
* for other conditions, call us	

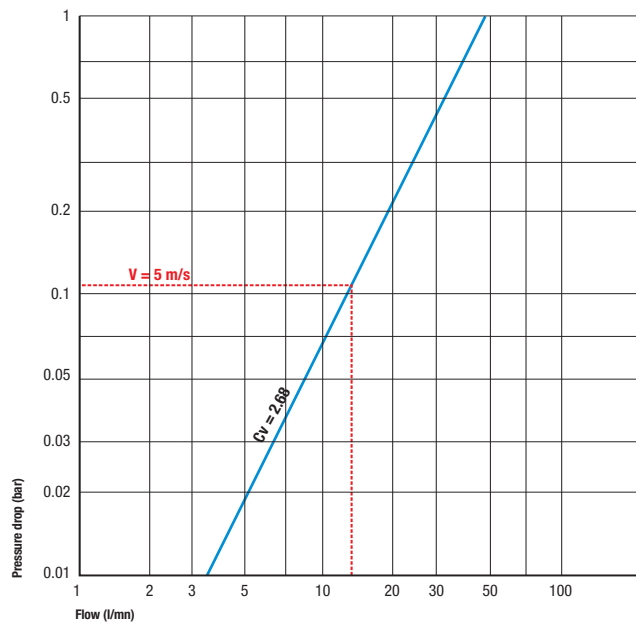
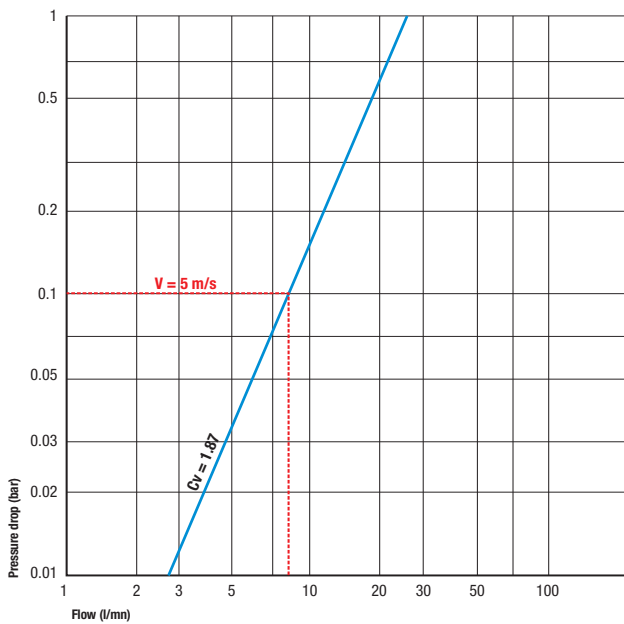
### RPL 08



Nominal bore (mm)	7.5
Max. working pressure (bar)	10
Working temperatures (°C) with O-ring in Nitrile	-15 to +90 *
* for other conditions, call us	

### Chart flow capacity / pressure drop for water

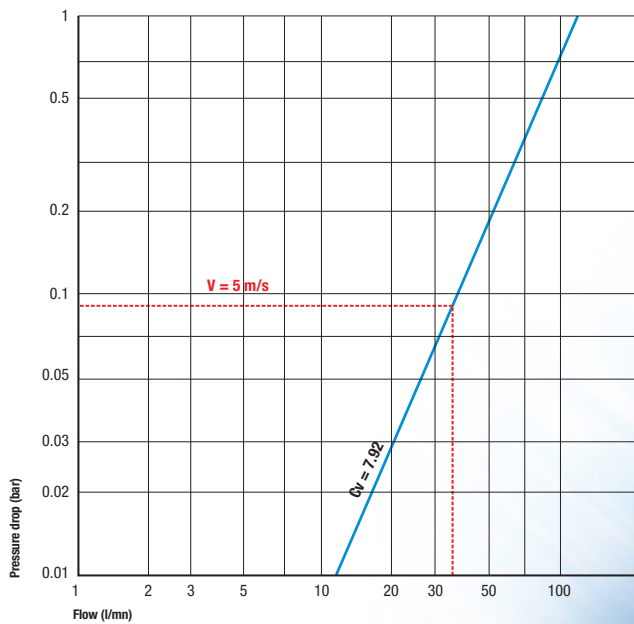
Test conditions: flow direction: socket → plug



## RPL 12



Nominal bore (mm)	12
Max. working pressure (bar)	10
Working temperatures (°C) with O-ring in Nitrile	-15 to +90 *
* for other conditions, call us	



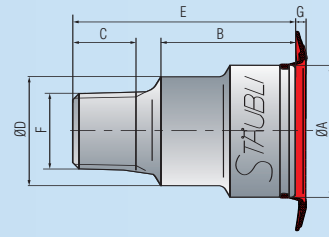
## CONSTRUCTION

- Socket in nickel plated brass with PTFE pre-applied (only on straight socket, male threads)
- Plug and extender socket in nickel plated brass
- O-ring in Nitrile (NBR), other seals on request
- Spring and balls in stainless steel 18/8
- RPL 06: 6 balls  
RPL 08 and 12: 8 balls



## PART-NUMBERS

### 1. STRAIGHT SOCKET MALE THREAD PTFE PRE-APPLIED



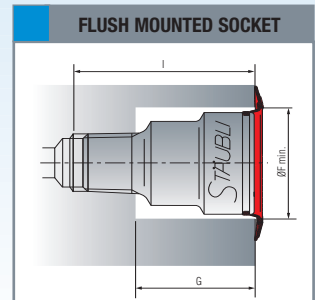
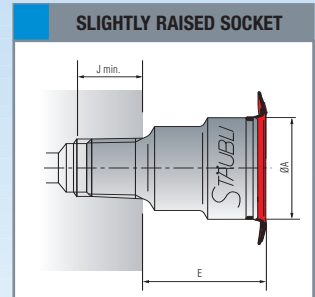
	THREADING	DIMENSIONS (mm)							PART-NUMBERS		
		F	ØA	B	C	ØD	E	G	ALLEN KEY	without collar	with red collar
RPL 06	R 1/8*	17	18.5	7.5	14	28.5	1.5	6	RPL 06.1150	RPL 06.1150/KR	RPL 06.1150/KB
	NPT 1/8	17	18.5	7	14	28.5	1.5	6	RPL 06.1250	RPL 06.1250/KR	RPL 06.1250/KB
	R 1/4	17	15.5	11	14	28.5	1.5	6	RPL 06.1151	RPL 06.1151/KR	RPL 06.1151/KB
	NPT 1/4	17	-	11	-	29.5	1.5	6	RPL 06.1251	RPL 06.1251/KR	RPL 06.1251/KB
RPL 08	R 1/8	21	22	8	17.5	32	1.5	6	RPL 08.1150	RPL 08.1150/KR	RPL 08.1150/KB
	NPT 1/8	21	22	7	17.5	32	1.5	1/4"	RPL 08.1250	RPL 08.1250/KR	RPL 08.1250/KB
	R 1/4	21	21	10	17.5	33	1.5	8	RPL 08.1151	RPL 08.1151/KR	RPL 08.1151/KB
	NPT 1/4	21	21	11	17.5	33	1.5	5/16"	RPL 08.1251	RPL 08.1251/KR	RPL 08.1251/KB
	R 3/8	21	11	11	-	24	1.5	8	RPL 08.1152	RPL 08.1152/KR	RPL 08.1152/KB
RPL 12	NPT 3/8	21	11	11	-	24	1.5	5/16"	RPL 08.1252	RPL 08.1252/KR	RPL 08.1252/KB
	R 3/8	32	28	11	25	41	2	10	RPL 12.1152	RPL 12.1152/KR	RPL 12.1152/KB
	NPT 3/8	32	28	11	25	41	2	3/8"	RPL 12.1252	RPL 12.1252/KR	RPL 12.1252/KB
	R 1/2	32	28	14	25	44	2	14	RPL 12.1153	RPL 12.1153/KR	RPL 12.1153/KB
	NPT 1/2	32	28	14	25	44	2	9/16"	RPL 12.1253	RPL 12.1253/KR	RPL 12.1253/KB
	R 3/4	32	13	16.5	-	32	2	14	RPL 12.1154	RPL 12.1154/KR	RPL 12.1154/KB
	NPT 3/4	32	13	14	-	32	2	9/16"	RPL 12.1254	RPL 12.1254/KR	RPL 12.1254/KB

\* R 1/8 = G 1/8 co.

### INSTALLATION DIMENSIONS OF SOCKETS IN MOULDS



	FEMALE THREAD	SLIGHTLY RAISED SOCKET			FLUSH MOUNTED SOCKET			ALLEN KEY	recommended torque
		ØA	E	J min.	ØF min.	G	I		
RPL 06	G 1/8	17	20	10	18.5	20.5	29.5	6	15
	NPT 1/8	17	22	10	18.5	22.5	31.5	1/4"	15
	G 1/4	17	18	13	18.5	18.5	30.5	6	30
	NPT 1/4	17	20	13.5	18.5	20.5	33	1/4"	30
RPL 08	G 1/8	21	23	10	22.5	24	33	6	15
	NPT 1/8	21	25.5	10	22.5	25.5	35	1/4"	15
	G 1/4	21	22	12	22.5	23	34	8	30
	NPT 1/4	21	24	12	22.5	23.5	35.5	5/16"	30
	G 3/8	21	12	13	22.5	13	25	8	30
RPL 12	NPT 3/8	21	14	13	22.5	14	27	5/16"	30
	G 3/8	32	29	13	33.5	30	42	10	50
	NPT 3/8	32	33	13	33.5	33	46	3/8"	50
	G 1/2	32	30	15	33.5	31	45	14	50
	NPT 1/2	32	35	15	33.5	34.5	51	9/16"	50
	G 3/4	32	15	18	33.5	20	36	14	50
	NPT 3/4	32	17.5	18	33.5	17.5	36.5	9/16"	50

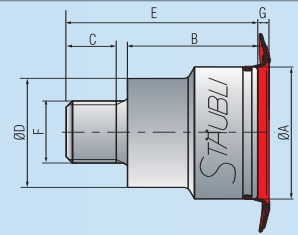


Chamfer the mould angles 0.3 x 0.3



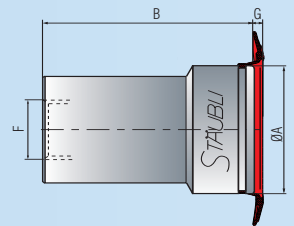
## 2. STRAIGHT SOCKET METRIC MALE THREAD

	THREADING	DIMENSIONS (mm)							PART-NUMBERS		
	F	ØA	B	C	ØD	E	G	ALLEN KEY	without collar	with red collar	with blue collar
RPL 06	M10x1	17	18.5	8	14	28.5	1.5	6	RPL 06.1410	RPL 06.1410/KR	RPL 06.1410/KB
RPL 08	M10x1	21	22	8	17.5	32	1.5	6	RPL 08.1410	RPL 08.1410/KR	RPL 08.1410/KB
	M10x1,5	21	22	8	17.5	32	1.5	6	RPL 08.1411	RPL 08.1411/KR	RPL 08.1411/KB
	M14x1,5	21	21	8	17.5	32	1.5	8	RPL 08.1414	RPL 08.1414/KR	RPL 08.1414/KB



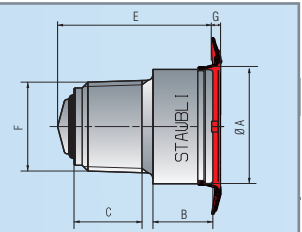
## 3. STRAIGHT SOCKET FEMALE THREAD

	THREADING	DIMENSIONS (mm)				PART-NUMBERS		
	F	ØA	B	G	ALLEN KEY	without collar	with red collar	with blue collar
RPL 08	G 1/8	21	35	1.5	6	RPL 08.1100	RPL 08.1100/KR	RPL 08.1100/KB
	NPT 1/8	21	35	1.5	1/4"	RPL 08.1200	RPL 08.1200/KR	RPL 08.1200/KB
	G 1/4	21	39	1.5	8	RPL 08.1101	RPL 08.1101/KR	RPL 08.1101/KB
	NPT 1/4	21	39	1.5	5/16"	RPL 08.1201	RPL 08.1201/KR	RPL 08.1201/KB
RPL 12	G 3/8	32	49	1.5	12	RPL 12.1102	RPL 12.1102/KR	RPL 12.1102/KB
	G 1/2	32	50	1.5	12	RPL 12.1103	RPL 12.1103/KR	RPL 12.1103/KB



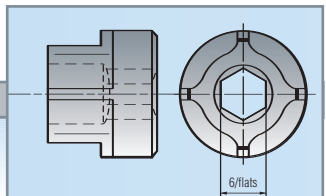
## 4. STRAIGHT VALVED SOCKET MALE THREAD

	THREADING	DIMENSIONS (mm)					PART-NUMBERS		
	F	ØA	B	C	E	G	without collar	with red collar	with blue collar
RPL 08	R 3/8	25	11	16	29	1.5	RPL 08.1152/ON/JV	RPL 08.1152/ON/JV/KR	RPL 08.1152/ON/JV/KB



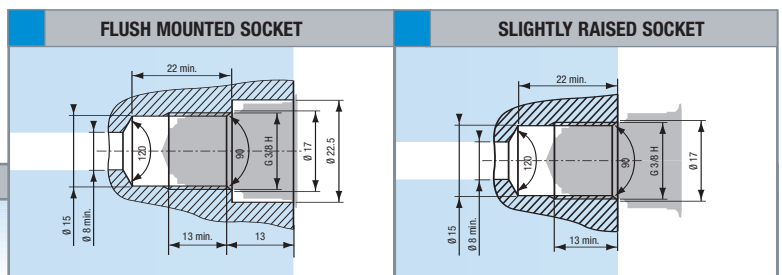
## RPL 08/ON INSTALLATION TOOL

PART-NUMBERS	
RPL 08.9000	



## INSTALLATION DIMENSIONS OF THE RPL 08/ON INTO THE MOULD

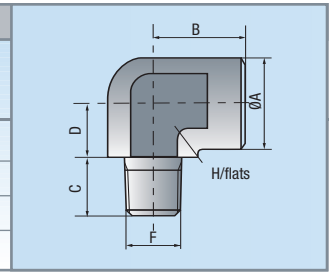
Max. torque: 15 to 20 N.m





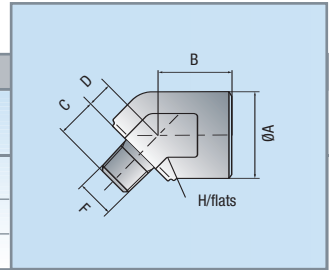
### 5. SOCKET 90° MALE THREAD

THREADING	DIMENSIONS (mm)					PART-NUMBERS	
	F	ØA	B	C	D		H/FLATS
RPL 08	R 1/8	22	22	10	13	19	RPL 08.1150/RE
	R 1/4	22	22	12	13	19	RPL 08.1151/RE
	NPT 1/4	22	22	14	13	19	RPL 08.1251/RE
	R 3/8	22	22	13	13	19	RPL 08.1152/RE



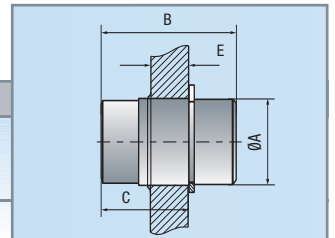
### 6. SOCKET 135° MALE THREAD

THREADING	DIMENSIONS (mm)					PART-NUMBERS	
	F	ØA	B	C	D		H/FLATS
RPL 08	R 1/8	22	18.5	10	6.5	19	RPL 08.1150/RO
	R 1/4	22	18.5	12	4.5	19	RPL 08.1151/RO
	R 3/8	22	18.5	12	4.5	19	RPL 08.1152/RO



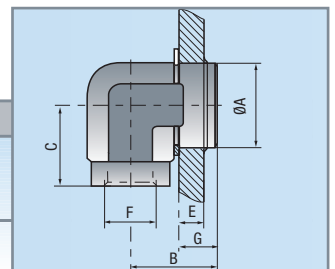
### 7. PANEL/PLATE MOUNTED STRAIGHT SOCKET

DIMENSIONS (mm)	PART-NUMBERS				
	ØA	B	C	E	
RPL 08	22	35	23	10 max.	RPL 08.2000



### 8. PANEL/PLATE MOUNTED SOCKET 90° FEMALE THREAD

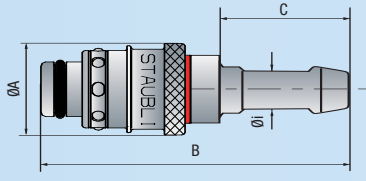
THREADING	DIMENSIONS (mm)					PART-NUMBERS	
	F	ØA	B	C	E		G
RPL 08	G 1/4	22	22	21	6.5 max.	10	RPL 08.2101/RE





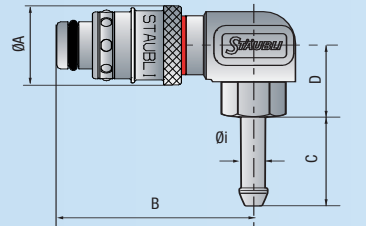
## 1. STRAIGHT PLUG FOR HOSE

	DIMENSIONS (mm)				PART-NUMBERS		
	Øi	ØA	B	C	with black collar	with red collar	with blue collar
RPL 06	Ø 8	17	55	23	RPL 06.6808	RPL 06.6808/KR	RPL 06.6808/KB
RPL 08	Ø 6	20	66	28	RPL 08.6806	RPL 08.6806/KR	RPL 08.6806/KB
	Ø 8	20	66	28	RPL 08.6808	RPL 08.6808/KR	RPL 08.6808/KB
	Ø 10	20	66	28	RPL 08.6810	RPL 08.6810/KR	RPL 08.6810/KB
	Ø12.5	20	66	28	RPL 08.6812	RPL 08.6812/KR	RPL 08.6812/KB
RPL 12	Ø 13	28	78	33	RPL 12.6813	RPL 12.6813/KR	RPL 12.6813/KB
	Ø 16	28	78	33	RPL 12.6816	RPL 12.6816/KR	RPL 12.6816/KB



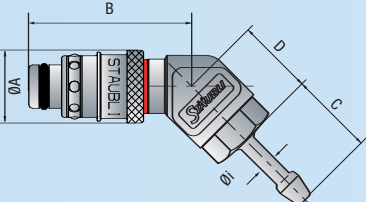
## 2. PLUG 90° FOR HOSE

	DIMENSIONS (mm)					PART-NUMBERS		
	Øi	ØA	B	C	D	with black collar	with red collar	with blue collar
RPL 08	Ø 6	20	48.5	28	23.5	RPL 08.6806/RE	RPL 08.6806/RE/KR	RPL 08.6806/RE/KB
	Ø 8	20	48.5	23	23.5	RPL 08.6808/RE	RPL 08.6808/RE/KR	RPL 08.6808/RE/KB
	Ø 10	20	48.5	23	10	RPL 08.6810/RE	RPL 08.6810/RE/KR	RPL 08.6810/RE/KB
	Ø12.5	20	48.5	28	10	RPL 08.6812/RE	RPL 08.6812/RE/KR	RPL 08.6812/RE/KB
	RPL 12	Ø 13	28	75.5	33	27	RPL 12.6813/RE	RPL 12.6813/RE/KR
	Ø 16	28	75.5	33	27	RPL 12.6816/RE	RPL 12.6816/RE/KR	RPL 12.6816/RE/KB



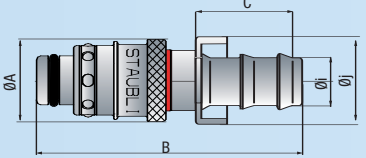
## 3. PLUG 135° FOR HOSE

	DIMENSIONS (mm)					PART-NUMBERS		
	Øi	ØA	B	C	D	with black collar	with red collar	with blue collar
RPL 08	Ø 6	20	43	28	21	RPL 08.6806/RO	RPL 08.6806/RO/KR	RPL 08.6806/RO/KB
	Ø 8	20	43	23	21	RPL 08.6808/RO	RPL 08.6808/RO/KR	RPL 08.6808/RO/KB
	Ø 10	20	43	23	21	RPL 08.6810/RO	RPL 08.6810/RO/KR	RPL 08.6810/RO/KB
	Ø12.5	20	43	28	21	RPL 08.6812/RO	RPL 08.6812/RO/KR	RPL 08.6812/RO/KB
	RPL 12	Ø 13	28	72	33	24	RPL 12.6813/RO	RPL 12.6813/RO/KR
	Ø 16	28	72	33	24	RPL 12.6816/RO	RPL 12.6816/RO/KR	RPL 12.6816/RO/KB



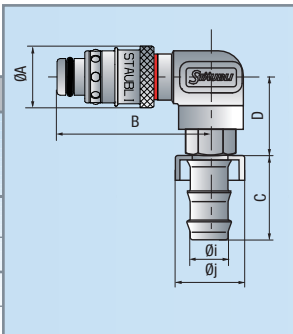
## 4. STRAIGHT PLUG FOR SELF-LOCKING HOSE

	DIMENSIONS (mm)					PART-NUMBERS		
	Øi	ØA	B	C	Øj	with black collar	with red collar	with blue collar
RPL 08	3/8"	20	62	24.5	19.5	RPL 08.6810/CN	RPL 08.6810/CN/KR	RPL 08.6810/CN/KB
	1/2"	20	69	29	23.5	RPL 08.6813/CN	RPL 08.6813/CN/KR	RPL 08.6813/CN/KB
RPL 12	1/2"	28	74	29	23.5	RPL 12.6813/CN	RPL 12.6813/CN/KR	RPL 12.6813/CN/KB
	5/8"	28	81.5	36.5	27	RPL 12.6816/CN	RPL 12.6816/CN/KR	RPL 12.6816/CN/KB



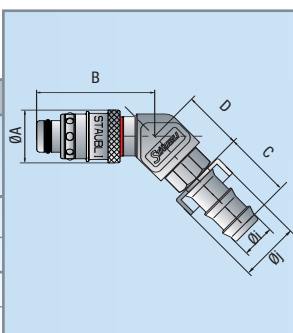
### 5. PLUG 90° FOR SELF-LOCKING HOSE

	DIMENSIONS (mm)						PART-NUMBERS		
	Øi	ØA	B	C	D	Øj	with black collar	with red collar	with blue collar
	RPL 08	3/8"	20	48.5	24.5	23.5	19.5	RPL 08.6810/CN/RE	RPL 08.6810/CN/RE/KR
	1/2"	20	48.5	29	25.5	23.5	RPL 08.6813/CN/RE	RPL 08.6813/CN/RE/KR	RPL 08.6813/CN/RE/KB
RPL 12	1/2"	28	75.5	29	30.5	23.5	RPL 12.6813/CN/RE	RPL 12.6813/CN/RE/KR	RPL 12.6813/CN/RE/KB
	5/8"	28	75.5	36.5	30	27	RPL 12.6816/CN/RE	RPL 12.6816/CN/RE/KR	RPL 12.6816/CN/RE/KB



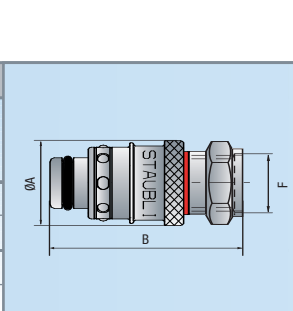
### 6. PLUG 135° FOR SELF-LOCKING HOSE

	DIMENSIONS (mm)						PART-NUMBERS		
	Øi	ØA	B	C	D	Øj	with black collar	with red collar	with blue collar
	RPL 08	3/8"	20	43	24.5	21	19.5	RPL 08.6810/CN/RO	RPL 08.6810/CN/RO/KR
	1/2"	20	43	29	23	23.5	RPL 08.6813/CN/RO	RPL 08.6813/CN/RO/KR	RPL 08.6813/CN/RO/KB
RPL 12	1/2"	28	72	29	27.5	23.5	RPL 12.6813/CN/RO	RPL 12.6813/CN/RO/KR	RPL 12.6813/CN/RO/KB
	5/8"	28	72	36.5	27	27	RPL 12.6816/CN/RO	RPL 12.6816/CN/RO/KR	RPL 12.6816/CN/RO/KB



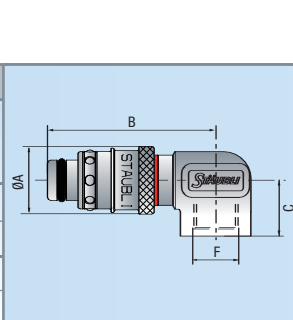
### 7. STRAIGHT PLUG FEMALE THREAD

	THREADING	DIMENSIONS (mm)		PART-NUMBERS		
	F	ØA	B	with black collar	with red collar	with blue collar
	RPL 08	G 1/4	20	48.5	RPL 08.6101	RPL 08.6101/KR
	NPT 1/4	20	48.5	RPL 08.6201	RPL 08.6201/KR	RPL 08.6201/KB
RPL 12	G 1/2	28	61	RPL 12.6103	RPL 12.6103/KR	RPL 12.6103/KB
	NPT 1/2	28	63	RPL 12.6203	RPL 12.6203/KR	RPL 12.6203/KB



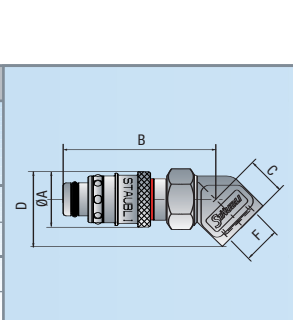
### 8. PLUG 90° FEMALE THREAD


	THREADING	DIMENSIONS (mm)				PART-NUMBERS		
	F	ØA	B	C	E	with black collar	with red collar	with blue collar
	RPL 08	G 1/4	20	48.5	16.5	31	RPL 08.6101/RE	RPL 08.6101/RE/KR
	NPT 1/4	20	60.5	15	38.9	RPL 08.6201/RE	RPL 08.6201/RE/KR	RPL 08.6201/RE/KB
RPL 12	G 3/8	28	75.5	20	52.9	RPL 12.6102/RE	RPL 12.6102/RE/KR	RPL 12.6102/RE/KB
	NPT 3/8	28	75.5	20	52.9	RPL 12.6202/RE	RPL 12.6202/RE/KR	RPL 12.6202/RE/KB

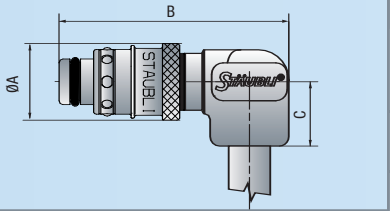


### 9. PLUG 135° FEMALE THREAD


	THREADING	DIMENSIONS (mm)				PART-NUMBERS		
	F	ØA	B	C	D	with black collar	with red collar	with blue collar
	RPL 08	G 1/4	20	43	14	27.5	RPL 08.6101/RO	RPL 08.6101/RO/KR
	NPT 1/4	20	57.5	14.5	28.5	RPL 08.6201/RO	RPL 08.6201/RO/KR	RPL 08.6201/RO/KB
RPL 12	G 3/8	28	72	17	33	RPL 12.6102/RO	RPL 12.6102/RO/KR	RPL 12.6102/RO/KB
	NPT 3/8	28	72	17	33	RPL 12.6202/RO	RPL 12.6202/RO/KR	RPL 12.6202/RO/KB

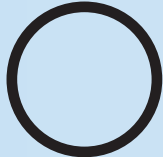


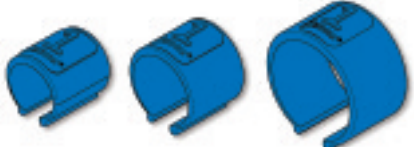

1. RPL 08 BRIDGE				
	DIMENSIONS (mm)			PART-NUMBERS
	ØA	B	C	
PLUG 90° RPL 08	20	59	17	RPL 08.6000/RE
TUBE	length of tube delivered = 1m			R 113 910 00




Additional information on the rigid loop on pages 12 and 13.

2. NITRILE SPARE SEALS USED ON PLUGS	
	PART-NUMBERS
 ■ Packaging: bag of 10 units	
RPL 06	R 603 507 11
RPL 08	R 600 007 11
RPL 12	R 600 011 10



3. COLOUR IDENTIFICATION COLLAR FOR HOSES											
■ Packaging: bag of 25 red or blue collars of the same number											
■ <i>How to build your part-number</i>											
R 213 8	Ø COLLAR	COLLAR COLOUR	COLLAR NUMBER								
Common part R 213 8	13 (Ø ext. hose : 13 to 17 mm)	Blue collar: 7 Red collar: 3	from 0 to 9								
	17 (Ø ext. hose : 17 to 24 mm)										
	24 (Ø ext. hose : 24 to 28 mm)										
 											
Examples: <table border="1" style="display: inline-table; margin-right: 20px;"> <tr> <td>R 213 8</td> <td>13</td> <td>7</td> <td>0</td> </tr> </table> → <b>R 213 813 70</b> (collar Ø 13 blue marked 0) <table border="1" style="display: inline-table; margin-right: 20px;"> <tr> <td>R 213 8</td> <td>24</td> <td>3</td> <td>5</td> </tr> </table> → <b>R 213 824 35</b> (collar Ø 24 red marked 5)				R 213 8	13	7	0	R 213 8	24	3	5
R 213 8	13	7	0								
R 213 8	24	3	5								

4. PROTECTIVE DUST CAP	
ENSURES CLEANLINESS OF YOUR CIRCUIT	PART-NUMBERS
 <ul style="list-style-type: none"> <li>■ Packaging: bag of 100 dust caps</li> <li>■ Construction: yellow polyethylene</li> </ul>	RPL 08.8500/100

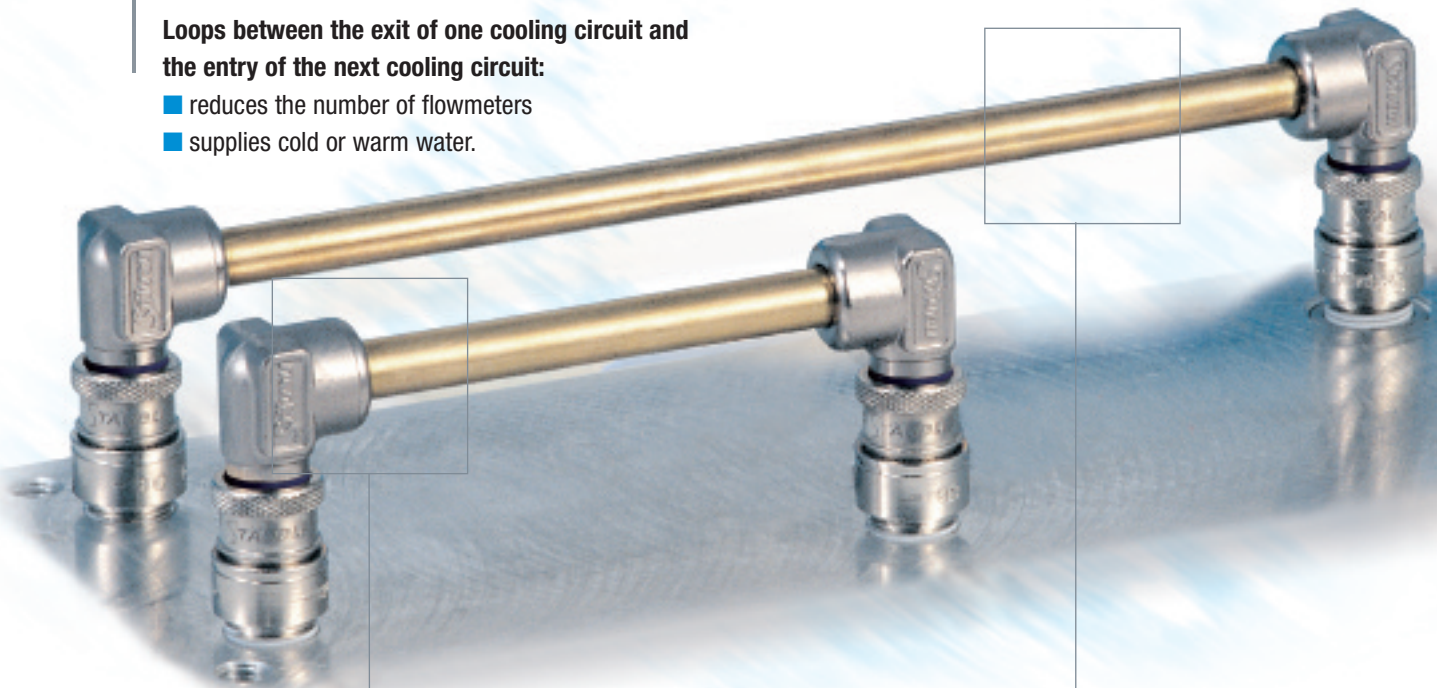
# RPL 08 BRIDGE

## LOOPS FOR MOULD COOLING CIRCUITS

### APPLICATIONS

Loops between the exit of one cooling circuit and the entry of the next cooling circuit:

- reduces the number of flowmeters
- supplies cold or warm water.



### EASE OF MAINTENANCE

- Plugs and pipe can be changed independently.
- Seal changing is easy.

### REDUCED SPACE REQUIREMENT

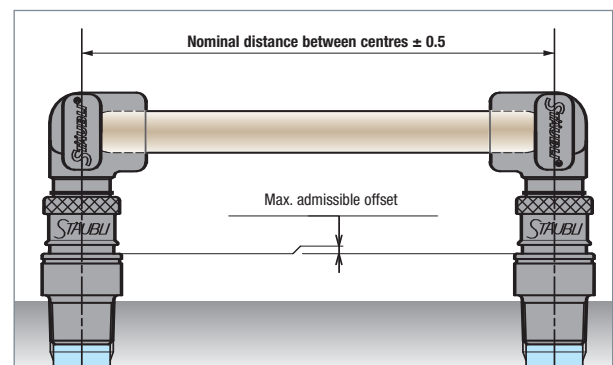
- The design of the RPL 08 bridge makes for a neat and tidy solution.

### HARD WEARING

- The brass construction of the RPL 08 bridge gives long term reliability.

### EASE OF INSTALLATION

- The design of the RPL 08 bridge allows for installation with some misalignment.  
Max. admissible offset =  
nominal distance between centres x 0.02.





## TECHNICAL CHARACTERISTICS

- Use with unthreaded **RPL 08** plug
- Length of tube delivered: 1 meter

### ■ Construction

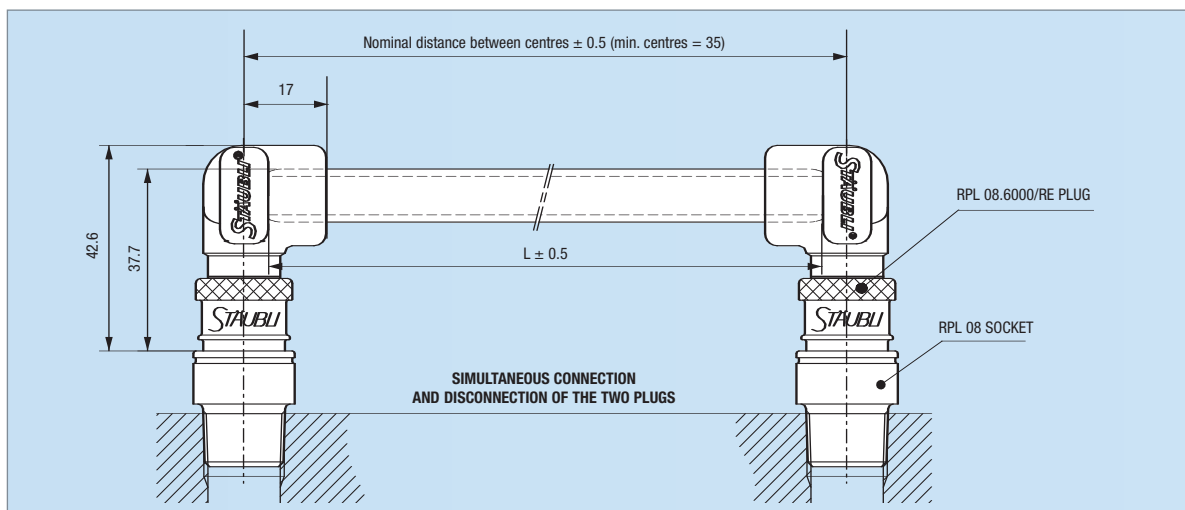
Calibrated tube in cold-drawn brass



## PART-NUMBERS

DESCRIPTION	PART-NUMBERS
RPL 08 plug	RPL 08.6000/RE
Tube length = 1 m	R 113 910 00

## DIMENSIONAL DRAWING



## PREPARATION OF THE TUBE

### ■ cutting to length

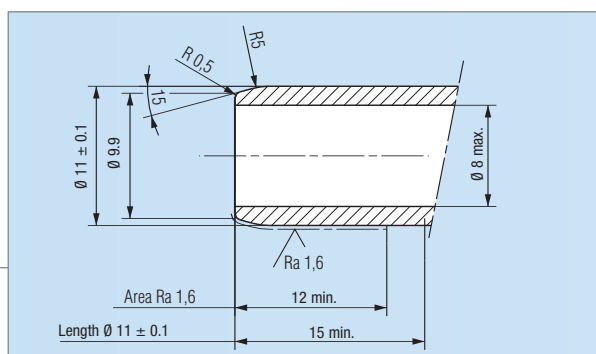
Length of tube

$$L = (\text{nominal distance between centres} - 10) \pm 0.5$$

For example, if nominal distance between centres is 100 mm,

$$L = (100 - 10) \pm 0.5 = 90 \pm 0.5$$

### ■ machining of tube ends



## ONE PIECE SOCKET EXTENDER

### ONE PIECE DESIGN

with thick walls for greater strength and rigidity

■ 2 versions: smooth or threaded.



### THREADED VERSION

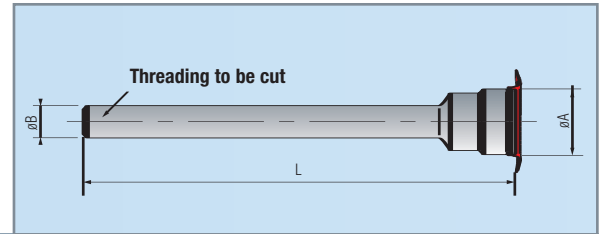
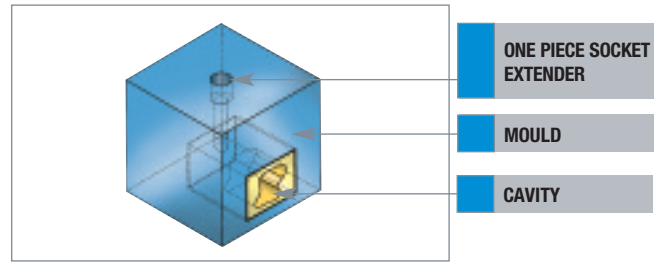
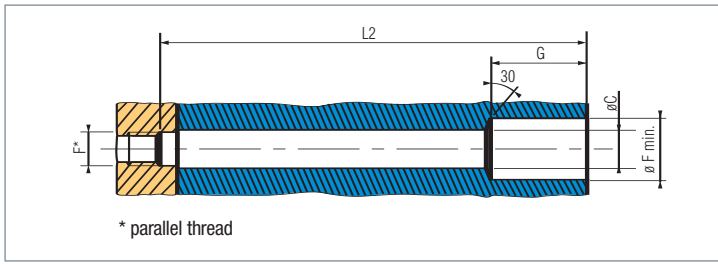
■ **RPL 08:**

3 lengths available in G 1/8  
4 lengths available in G 1/4

### SMOOTH VERSION

■ **RPL 06:** 1 length available  
■ **RPL 08:** 4 lengths available  
■ **RPL 12:** 3 lengths available

## INSTALLATION OF THE SOCKET EXTENDERS INTO THE MOULD

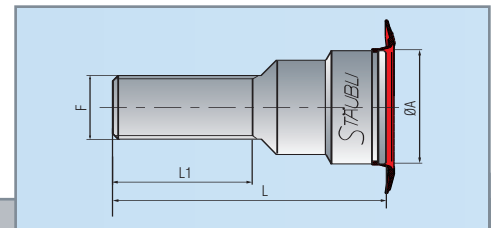


### SMOOTH VERSION

	THREADING to be cut	DIMENSIONS (mm)									PART-NUMBERS		
		L min./max.	ØA	ØB	L2	G	ØC	ØF min.	H/ FLATS	TORQUE m.daN	without collar	with red collar	with blue collar
RPL 06	R 1/8	33/100	17	11	L-5.5	20	10.2	18.5	6	1	RPL 06.1010/100/R	RPL 06.1010/100/R/KR	RPL 06.1010/100/R/KB
	or NPT 1/8												
RPL 08	R 1/8	33/100	21	11	L-5.5	23	10.2	22.5	6	1	RPL 08.1010/100/R	RPL 08.1010/100/R/KR	RPL 08.1010/100/R/KB
	or NPT 1/8	100/150	21	11	L-5.5	23	10.2	22.5	6	1	RPL 08.1010/150/R	RPL 08.1010/150/R/KR	RPL 08.1010/150/R/KB
		150/200	21	11	L-5.5	23	10.2	22.5	6	1	RPL 08.1010/200/R	RPL 08.1010/200/R/KR	RPL 08.1010/200/R/KB
		200/250	21	11	L-5.5	23	10.2	22.5	6	1	RPL 08.1010/250/R	RPL 08.1010/250/R/KR	RPL 08.1010/250/R/KB
	R 1/4	34/100	21	14	L-7.5	23	13.5	22.5	8	3	RPL 08.1011/100/R	RPL 08.1011/100/R/KR	RPL 08.1011/100/R/KB
	or NPT 1/4	100/150	21	14	L-7.5	23	13.5	22.5	8	3	RPL 08.1011/150/R	RPL 08.1011/150/R/KR	RPL 08.1011/150/R/KB
RPL 12	R 3/8	56/150	32	18	L-8.5	43	17.2	33.5	14	3	RPL 12.1002/150/R	RPL 12.1002/150/R/KR	RPL 12.1002/150/R/KB
	or NPT 3/8	150/200	32	18	L-8.5	43	17.2	33.5	14	3	RPL 12.1002/200/R	RPL 12.1002/200/R/KR	RPL 12.1002/200/R/KB
		200/250	32	18	L-8.5	43	17.2	33.5	14	3	RPL 12.1002/250/R	RPL 12.1002/250/R/KR	RPL 12.1002/250/R/KB
		R 1/2	59/150	32	22	L-11.5	45	21.3	33.5	14	5	RPL 12.1003/150/R	RPL 12.1003/150/R/KR
	or NPT 1/2	150/200	32	22	L-11.5	45	21.3	33.5	14	5	RPL 12.1003/200/R	RPL 12.1003/200/R/KR	RPL 12.1003/200/R/KB
		200/250	32	22	L-11.5	45	21.3	33.5	14	5	RPL 12.1003/250/R	RPL 12.1003/250/R/KR	RPL 12.1003/250/R/KB

### THREADED VERSION

	THREADING F	DIMENSIONS (mm)									PART-NUMBERS		
		L min./max.	L1 threaded	ØA	L2	G	ØC	ØF min.	H/ FLATS	TORQUE m.daN	without collar	with red collar	with blue collar
RPL 08	G 1/8	34/50	26	21	L-5.5	23	10.2	22.5	6	1	RPL 08.1010/50/RF	RPL 08.1010/50/RF/KR	RPL 08.1010/50/RF/KB
		50/100	60	21	L-5.5	23	10.2	22.5	6	1	RPL 08.1010/100/RF	RPL 08.1010/100/RF/KR	RPL 08.1010/100/RF/KB
		100/150	60	21	L-5.5	23	10.2	22.5	6	1	RPL 08.1010/150/RF	RPL 08.1010/150/RF/KR	RPL 08.1010/150/RF/KB
	G 1/4	38,5/50	26.5	21	L-7.5	23	13.5	22.5	8	3	RPL 08.1011/50/RF	RPL 08.1011/50/RF/KR	RPL 08.1011/50/RF/KB
		55/100	60	21	L-7.5	23	13.5	22.5	8	3	RPL 08.1011/100/RF	RPL 08.1011/100/RF/KR	RPL 08.1011/100/RF/KB
		105/150	60	21	L-7.5	23	13.5	22.5	8	3	RPL 08.1011/150/RF	RPL 08.1011/150/RF/KR	RPL 08.1011/150/RF/KB
		155/200	60	21	L-7.5	23	13.5	22.5	8	3	RPL 08.1011/200/RF	RPL 08.1011/200/RF/KR	RPL 08.1011/200/RF/KB



We reserve the right to modify product specifications without prior notice

- Sales coordination
- Stäubli subsidiaries
- Distributors

CONNECT WITH STÄUBLI ALL OVER THE WORLD

#### UNITED KINGDOM

**STÄUBLI (UK) Ltd**  
Lodge Park,  
Hortonwood 30,  
TELFORD Shropshire TF1 7ET  
Tel.: ++44 (0) 1952 671 918  
Fax: ++44 (0) 1952 608 579  
e-mail: connectors.uk@staubli.com

#### NORTH AMERICA

(USA, Canada, Mexico)  
**STÄUBLI CORPORATION**  
P.O. Box 189 - DUNCAN S.C. 29334  
Tel.: ++1 864/433-1980  
Fax: ++1 864/486-5498  
Toll free Number: 800/845 - 9193  
e-mail: connectors.usa@staubli.com

#### BELGIUM

**STÄUBLI BENELUX**  
8501 BISSEGEM - Tel.: ++32 (0) 56 36 40 03  
e-mail: benelux@staubli.com

#### BRAZIL

**STÄUBLI COMÉRCIO, IMPORTAÇÃO,  
EXPORTAÇÃO E REPRESENTAÇÕES LTDA**  
04709 110 SÃO PAULO-SP  
Tel.: ++55 (0) 11 5182 7600  
e-mail: connectors.br@staubli.com

#### CHINA

**STÄUBLI (HANGZHOU) MECHATRONIC CO. LTD.**  
Hangzhou Economic & Technological  
HANGZHOU 310018  
Tel.: ++86 571 86912161  
e-mail: connectors.cn@staubli.com

#### CZECH REPUBLIC

**STÄUBLI Systems s.r.o.**  
530 03 PARDUBICE  
Tel.: ++420 466 616 125  
e-mail: connectors.cz@staubli.com

#### FRANCE

**STÄUBLI RACCORD FRANCE**  
91882 MASSY Cedex - Tel.: ++33 (0)1 69 93 25 00  
e-mail: srf@staubli.com

#### GERMANY, AUSTRIA

**STÄUBLI Tec-Systems GmbH**  
95410 BAYREUTH - Tel.: ++49 (0) 921/883-80  
e-mail: connectors@staebli.de

#### ITALY

**STÄUBLI ITALIA S.p.A.**  
20048 CARATE BRIANZA - Tel.: ++39 (0) 362/944.1  
e-mail: connectors.it@staubli.com

#### JAPAN

**STÄUBLI KK**  
OSAKA 532-0011 - Tel.: ++81 6 6889 3308  
e-mail: connectors.stkk@staubli.com

#### POLAND

**STÄUBLI Lodz Sp. z o.o.**  
90319 LODZ  
Tel.: ++48 42 636 85 04

#### PORTUGAL

**STÄUBLI PORTUGAL REPRESENTAÇÕES LDA**  
4475-330 MILHEIROS - MAIA  
Tel.: ++351 22 978 39 56/50

#### SINGAPORE

**Multi-Contact SEA Pte Ltd - STÄUBLI**  
SINGAPORE 628461  
Tel.: ++65 / 6266 0900

#### SPAIN

**STÄUBLI ESPAÑOLA**  
08205 SABADELL  
(Barcelona)  
Tel.: ++34 937 205 405  
e-mail: connectors.es@staubli.com

#### SWITZERLAND

**STÄUBLI A.G.**  
8810 HORGEN/ZURICH  
Tel.: ++41 (0) 43/244 22 33  
e-mail: sales.couplings@staubli.com

#### TAIWAN

**STÄUBLI (HK) LTD**  
TW - 104 TAPEI  
Tel.: ++886 2 2568 2744  
e-mail: taiwan@staubli.com

#### TURKEY

**STÄUBLI SANAYI MAKINE  
VE AKSESUARLARI TICARET LTD. STI.**  
34670 IKITELLI  
ISTANBUL  
Tel.: ++90 212/472 13 00  
e-mail: connectors.tr@staubli.com

#### NEW ZEALAND SALES

Tel.: ++64 (0) 9 827 65 67 - Fax: ++64 (0) 9 827 65 96

**TECHSPAN**GROUP [www.techspanonline.com](http://www.techspanonline.com) - e-mail: [sales@techspanonline.com](mailto:sales@techspanonline.com)

**STÄUBLI**® is a registered trademark of STÄUBLI INTERNATIONAL AG

**STÄUBLI**®