



## TYPE SR

### USING AREA

- On steam line
- On temperature regulation applications with hot or cold water, oil
- Injection moulding industries
- On cooling system off plastic, zamak, brass and aluminium.
- In other industries in general

### MATERIAL COUPLING

- |                   |                     |
|-------------------|---------------------|
| • Plug            | Brass Nickel Plated |
| • Sleeve          | Brass Nickel Plated |
| • Springs         | Stainless Steel     |
| • Locking O-rings | Stainless Steel     |
| • Balls           | Stainless Steel     |
| • Seals           | NBR Nitrile         |
| • Socket Body     | Brass Nickel Plated |

### WORKING PRESSURE

15 BAR (145 PSI)

### TEMPERATURE RANGE

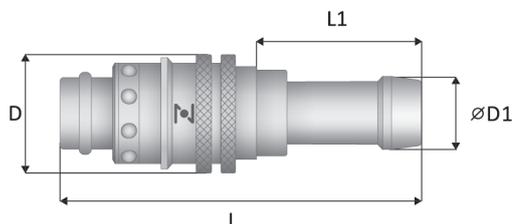
- 20° C + 100° C

For the option with seals VITON, add V at the end of reference (ex: RP8M10V)

### TYPE SR

→ FULL FLOW

FLEXIBLE HOSE **PLUG**



REFERENCE	ØD	ØD1		L	L1
RP8M10	20	10	3/8	66	28
RP8M13	20	13	1/2	66	28
RP12M13	28	13	1/2	78	33
RP12M16	28	16	5/8	78	33

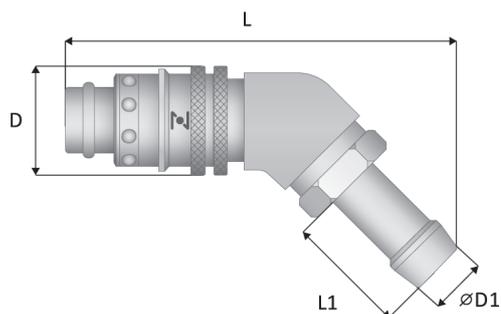
**BLUE RING** -B Final reference  
**RED RING** -R Final reference

**! NEED CLAMP**

### TYPE SR

→ FULL FLOW

FLEXIBLE HOSE **PLUG 45°**



REFERENCE	ØD	ØD1		L	L1
RP8M1045	20	10	3/8	72	27
RP8M1345	20	13	1/2	73	28
RP12M1345	28	13	1/2	83	28
RP12M1645	28	16	5/8	88	33

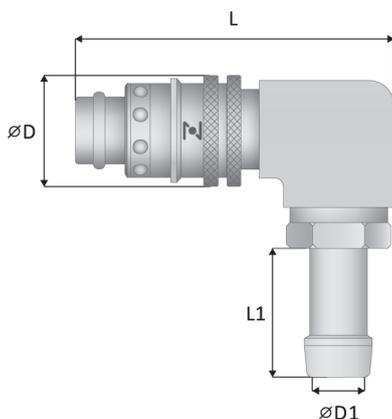
**BLUE RING** -B Final reference  
**RED RING** -R Final reference

**! NEED CLAMP**

### TYPE SR

→ FULL FLOW

FLEXIBLE HOSE **PLUG 90°**



REFERENCE	ØD	ØD1		L	L1
RP8M1090	20	10	3/8	55	27
RP8M1390	20	13	1/2	55	28
RP12M1390	28	13	1/2	85	28
RP12M1690	28	16	5/8	85	33

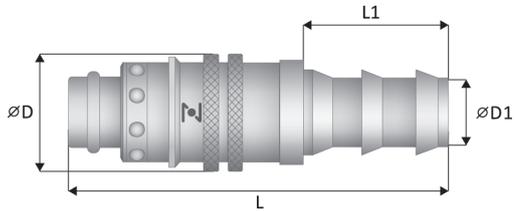
**BLUE RING** -B Final reference  
**RED RING** -R Final reference

**! NEED CLAMP**

**TYPE SR**

→ FULL FLOW

PUSH-LOCK HOSE **PLUG**



REFERENCE	ØD	ØD1		L	L1
RP8ML10	20	10	3/8	62	25
RP8ML13	20	13	1/2	69	29
RP12ML13	28	13	1/2	74	29
RP12ML16	28	16	5/8	81	36

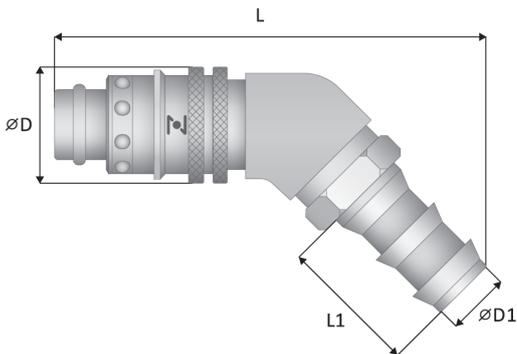
**BLUE RING** -B Final reference  
**RED RING** -R Final reference

**! NO CLAMP NEEDED**

**TYPE SR**

→ FULL FLOW

PUSH-LOCK HOSE **PLUG 45°**



REFERENCE	ØD	ØD1		L	L1
RP8ML1045	20	10	3/8	70	25
RP8ML1345	20	13	1/2	74	29
RP12ML1345	28	13	1/2	84	29
RP12ML1645	28	16	5/8	91	36

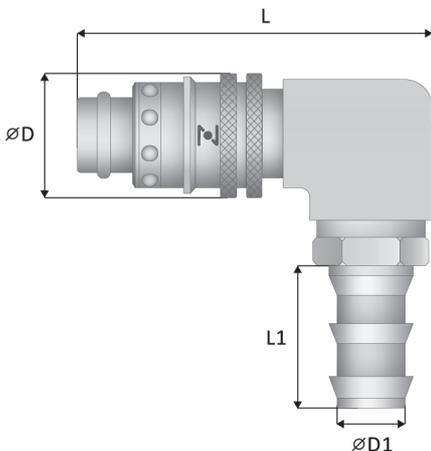
**BLUE RING** -B Final reference  
**RED RING** -R Final reference

**! NO CLAMP NEEDED**

**TYPE SR**

→ FULL FLOW

PUSH-LOCK HOSE **PLUG 90°**



REFERENCE	ØD	ØD1		L	L1
RP8ML1090	20	10	3/8	55	25
RP8ML1390	20	13	1/2	55	29
RP12ML1390	28	13	1/2	85	29
RP12ML1690	28	16	5/8	85	36

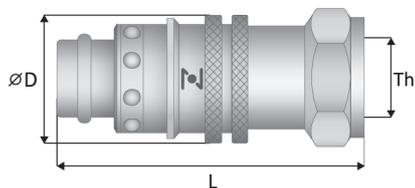
**BLUE RING** -B Final reference  
**RED RING** -R Final reference

**! NO CLAMP NEEDED**

### TYPE SR

→ FULL FLOW

FEMALE THREAD **PLUG**



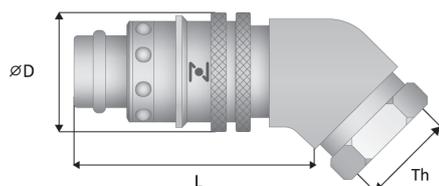
REFERENCE	TH	ØD	L
RP8F14	BSP 1/4	20	48
RP8F38	BSP 3/8	20	48
RP12F12	BSP 1/2	28	61

**BLUE RING** **-B** Final reference  
**RED RING** **-R** Final reference

### TYPE SR

→ FULL FLOW

FEMALE THREAD **PLUG 45°**



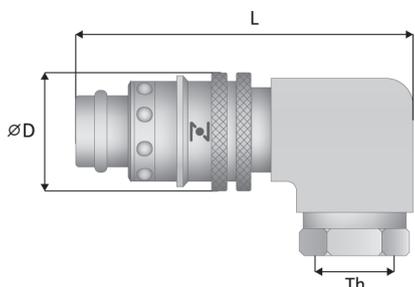
REFERENCE	TH	ØD	L
RP8F1445	BSP 1/4	20	46
RP8F3845	BSP 3/8	20	46
RP12F1245	BSP 1/2	28	54

**BLUE RING** **-B** Final reference  
**RED RING** **-R** Final reference

### TYPE SR

→ FULL FLOW

FEMALE THREAD **PLUG 90°**



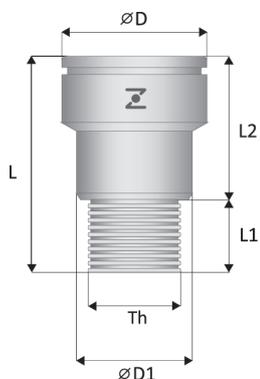
REFERENCE	TH	ØD	L
RP8F1490	BSP 1/4	20	55
P8F3890	BSP 3/8	20	55
RP12F1290	BSP 1/2	28	85

**BLUE RING** **-B** Final reference  
**RED RING** **-R** Final reference

**TYPE SR**

→ FULL FLOW

MALE THREAD **SOCKET**



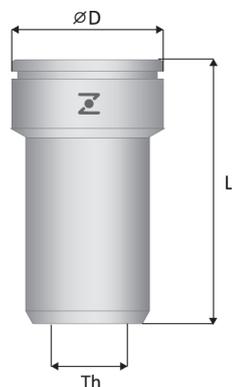
REFERENCE	TH	ØD	ØD1	L	L1	L2
RSM818	BSP 1/8	21	17,5	33	10	21
RSM814	BSP 1/4	21	17,5	33	12	21
RSM838	BSP 3/8	21	-	24	14	10
RSM810x1	BSP M10x1	21	17,5	33	12	21
RSM810x15	BSP M10x1,5	21	17,5	33	12	21
RSM814x15	BSP M14x1,5	21	17,5	33	12	21
RSM1238	BSP 3/8	32	25	41	13	28
RSM1212	BSP 1/2	32	25	41	13	28
RSM1234	BSP 3/4	32	-	32	16	13

**BLUE RING** -B Final reference  
**RED RING** -R Final reference

**TYPE SR**

→ FULL FLOW

FEMALE THREAD **SOCKET**



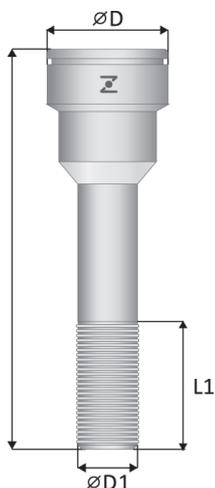
REFERENCE	TH	ØD	L
RSF818	BSP 1/8	21	39
RSF814	BSP 1/4	21	39
RSF1238	BSP 3/8	32	50
RSF1212	BSP 1/2	32	50

**BLUE RING** -B Final reference  
**RED RING** -R Final reference

### TYPE SR

→ FULL FLOW

EXTENSION SOCKET WITH THREAD **SOCKET**



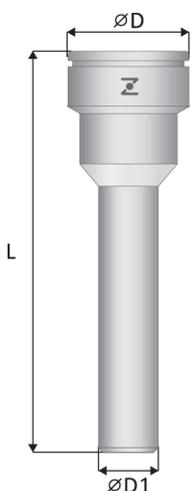
REFERENCE	TH	ØD	L	L1
R50EM818	BSP 1/8	21	50	26
R100EM818	BSP 1/8	21	100	60
R150EM818	BSP 1/8	21	150	60
R200EM818	BSP 1/8	21	200	60
R250EM818	BSP 1/8	21	250	60
R50EM814	BSP 1/4	21	50	26
R100EM814	BSP 1/4	21	100	60
R150EM814	BSP 1/4	21	150	60
R200EM814	BSP 1/4	21	200	60
R250EM814	BSP 1/4	21	250	60

**BLUE RING** **-B** Final reference  
**RED RING** **-R** Final reference

### TYPE SR

→ FULL FLOW

EXTENSION SOCKET WITHOUT THREAD **SOCKET**



REFERENCE	TH	ØD	ØD1	L
R100ES818	BSP 1/8	21	10,2	100
R150ES818	BSP 1/8	21	10,2	150
R200ES818	BSP 1/8	21	10,2	200
R250ES818	BSP 1/8	21	10,2	250
R100ES814	BSP 1/4	21	13,5	100
R150ES814	BSP 1/4	21	13,5	150
R200ES814	BSP 1/4	21	13,5	200
R250ES814	BSP 1/4	21	13,5	250
R150ES1238	BSP 3/8	32	17,2	150
R200ES1238	BSP 3/8	32	17,2	200
R250ES1238	BSP 3/8	32	17,2	250
R150ES1212	BSP 1/2	32	21,3	150
R200ES1212	BSP 1/2	32	21,3	200
R250ES1212	BSP 1/2	32	21,3	250

**BLUE RING** **-B** Final reference  
**RED RING** **-R** Final reference



## TYPE SD

### USING AREA

- On steam line
- On temperature regulation applications with hot or cold water, oil
- Injection moulding industries
- On cooling system off plastic, zamak, brass and aluminium.
- In other industries in general

### MATERIAL COUPLING

- |                 |                 |
|-----------------|-----------------|
| • Body          | Brass           |
| • Sleeve        | Brass / Nickel  |
| • Valve         | Brass           |
| • Seals         | FPM (viton)     |
| • Balls         | Stainless Steel |
| • Locking Rings | Stainless Steel |
| • Springs       | Stainless Steel |
| • Plug          | Brass           |

### WORKING PRESSURE

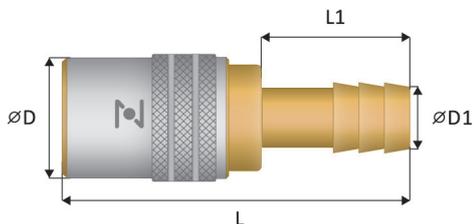
15 BAR (145 PSI)

### TEMPERATURE RANGE

- 15° C + 180° C

### TYPE SD

### FLEXIBLE HOSE SOCKET

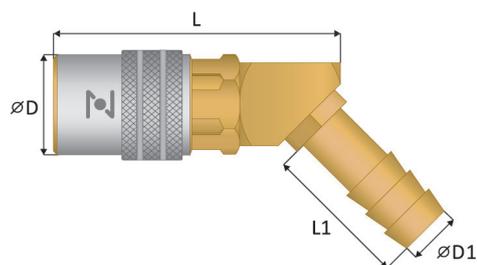


FULL FLOW	SHUT-OFF VALVE	DIMENSIONS			
		ØD	ØD1	L	L1
D6M6	D6M6V	17	6	51	22
D6M10	D6M10V	17	10	53	22
D9M10	D9M10V	23	10	63	25
D9M13	D9M13V	23	13	63	25
D16M16	D16M16V	32	16	94	36
D16M19	D16M19V	32	19	94	36

**! NEED CLAMP**

### TYPE SD

### FLEXIBLE HOSE SOCKET 45°

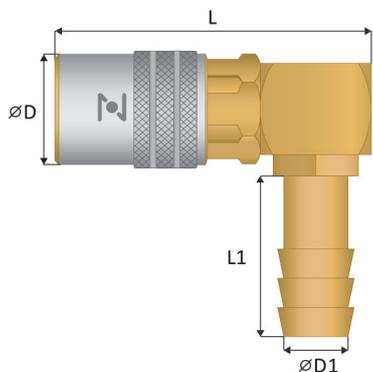


FULL FLOW	SHUT-OFF VALVE	DIMENSIONS			
		ØD	ØD1	L	L1
D6M645	D6M645V	17	6	40	25
D6M1045	D6M1045V	17	10	40	25
D9M1045	D9M1045V	23	10	62	25
D9M1345	D9M1345V	23	13	62	25
D16M1645	D16M1645V	32	16	83	32
D16M1945	D16M1945V	32	19	83	32

**! NEED CLAMP**

### TYPE SD

### FLEXIBLE HOSE SOCKET 90°

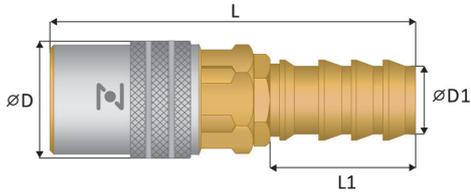


FULL FLOW	SHUT-OFF VALVE	DIMENSIONS			
		ØD	ØD1	L	L1
D6M690	D6M690V	17	6	40	25
D6M1090	D6M1090V	17	10	40	25
D9M1090	D9M1090V	23	10	62	25
D9M1390	D9M1390V	23	13	62	25
D16M1690	D16M1690V	32	16	83	32
D16M1990	D16M1990V	32	19	83	32

**! NEED CLAMP**

**TYPE SD**

PUSH-LOCK HOSE **SOCKET**

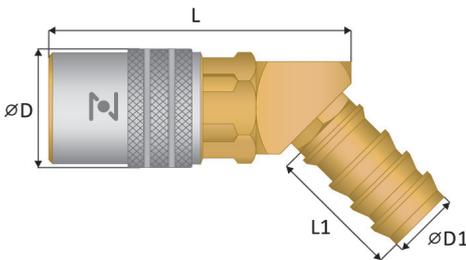


FULL FLOW	SHUT-OFF VALVE	DIMENSIONS			
		ØD	ØD1	L	L1
D6ML6	D6ML6V	17	6	49	20
D6ML10	D6ML10V	17	10	47	24
D9ML10	D9ML10V	23	10	63	25
D9ML13	D9ML13V	23	13	67	29
D16ML16	D16ML16V	32	16	94	36
D16ML19	D16ML19V	32	19	94	36

**⚠ NO CLAMP NEEDED**

**TYPE SD**

PUSH-LOCK HOSE **SOCKET 45°**

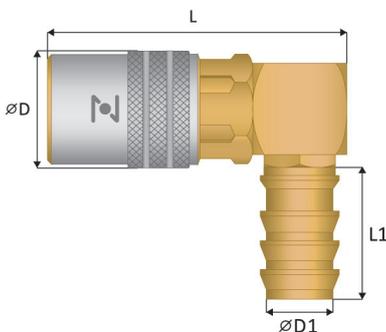


FULL FLOW	SHUT-OFF VALVE	DIMENSIONS			
		ØD	ØD1	L	L1
D6ML645	D6ML645V	17	6	40	20
D6ML1045	D6ML1045V	17	10	45	24
D9ML1045	D9ML1045V	23	10	62	25
D9ML1345	D9ML1345V	23	13	62	29
D16ML1645	D16ML1645V	32	16	83	38
D16ML1945	D16ML1945V	32	19	83	38

**⚠ NO CLAMP NEEDED**

**TYPE SD**

PUSH-LOCK HOSE **SOCKET 90°**

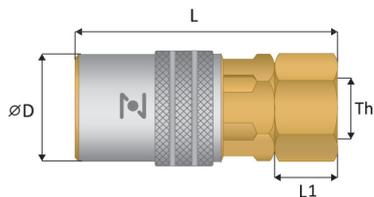


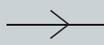
FULL FLOW	SHUT-OFF VALVE	DIMENSIONS			
		ØD	ØD1	L	L1
D6ML690	D6ML690V	17	6	45	20
D6ML1090	D6ML1090V	17	10	45	24
D9ML1090	D9ML1090V	23	10	62	25
D9ML1390	D9ML1390V	23	13	62	29
D16ML1690	D16ML1690V	32	16	83	38
D16ML1990	D16ML1990V	32	19	83	38

**⚠ NO CLAMP NEEDED**

### TYPE SD

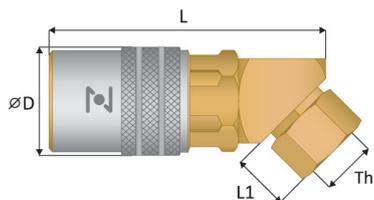
### FEMALE THREAD SOCKET



 FULL FLOW	 SHUT-OFF VALVE	DIMENSIONS			
		TH	ØD	L	L1
D6PRF14	D6PRF14V	BSP 1/4	17	40	12
D9PRF14	D9PRF14V	BSP 1/4	23	54	12
D9PRF38	D9PRF38V	BSP 3/8	23	54	12
D16PRF12	D16PRF12V	BSP 1/2	32	75	15

### TYPE SD

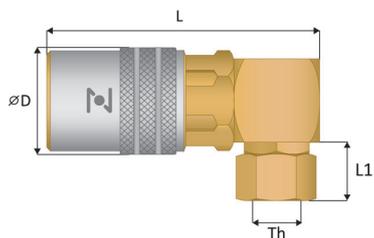
### FEMALE THREAD SOCKET 45°



 FULL FLOW	 SHUT-OFF VALVE	DIMENSIONS			
		TH	ØD	L	L1
D9PRF1445	D9PRF1445V	BSP 1/4	23	62	12
D9PRF3845	D9PRF3845V	BSP 3/8	23	62	12

### TYPE SD

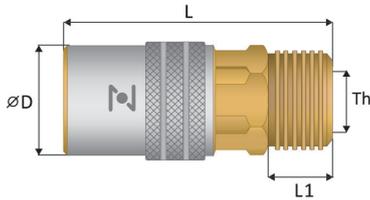
### FEMALE THREAD SOCKET 90°



 FULL FLOW	 SHUT-OFF VALVE	DIMENSIONS			
		TH	ØD	L	L1
D9PRF1490	D9PRF1490V	BSP 1/4	23	62	12
D9PRF3890	D9PRF3890V	BSP 3/8	23	62	12

**TYPE SD**

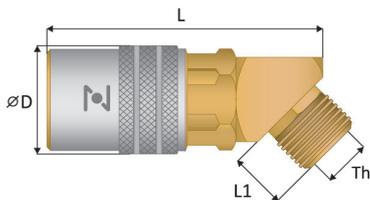
MALE THREAD **SOCKET**



 FULL FLOW	 SHUT-OFF VALVE	DIMENSIONS			
		TH	ØD	L	L1
D6PRM18	D6PRM18V	BSP 1/8	17	44	12
D6PRM14	D6PRM14V	BSP 1/4	17	47	15
D9PRM14	D9PRM14V	BSP 1/4	23	56	11
D9PRM38	D9PRM38V	BSP 3/8	23	56	11
D16PRM12	D16PRM12V	BSP 1/2	32	80	14
D16PRM34	D16PRM34V	BSP 3/4	32	82	16

**TYPE SD**

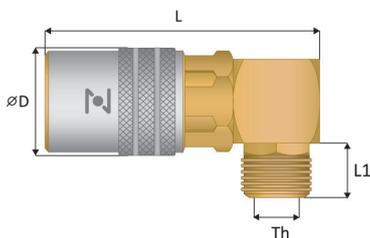
MALE THREAD **SOCKET 45°**



 FULL FLOW	 SHUT-OFF VALVE	DIMENSIONS			
		TH	ØD	L	L1
D6PRM1845	D6PRM1845V	BSP 1/8	17	40	10
D6PRM1445	D6PRM1445V	BSP 1/4	17	40	10
D9PRM1445	D9PRM1445V	BSP 1/4	23	62	11
D9PRM3845	D9PRM3845V	BSP 3/8	23	62	11
D16PRM1245	D16PRM1245V	BSP 1/2	32	83	12

**TYPE SD**

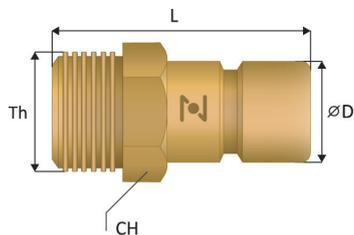
MALE THREAD **SOCKET 90°**

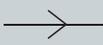


 FULL FLOW	 SHUT-OFF VALVE	DIMENSIONS			
		TH	ØD	L	L1
D6PRM1890	D6PRM1890V	BSP 1/8	17	40	10
D6PRM1490	D6PRM1490V	BSP 1/4	17	40	10
D9PRM1490	D9PRM1490V	BSP 1/4	23	62	11
D9PRM3890	D9PRM3890V	BSP 3/8	23	62	11
D16PRM1290	D16PRM1290V	BSP 1/2	32	83	12

### TYPE SD

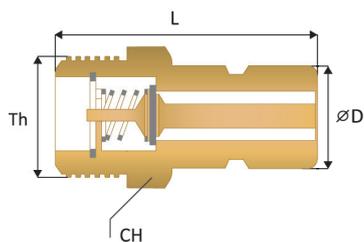
### MALE THREAD PLUG



 <b>FULL FLOW</b>	<b>DIMENSIONS</b>			
	<b>TH</b>	<b>ØD</b>	<b>CH</b>	<b>L</b>
D6PM18	BSP 1/8	9	13	23
D6PM14	BSP 1/4	9	13	24
D6PM38	BSP 3/8	9	17	29
D9PM14	BSP 1/4	13	14	33
D9PM38	BSP 3/8	13	17	33
D9PM12	BSP 1/2	13	22	37
D16PM12	BSP 1/2	20	22	42
D16PM34	BSP 3/4	20	27	44

### TYPE SD

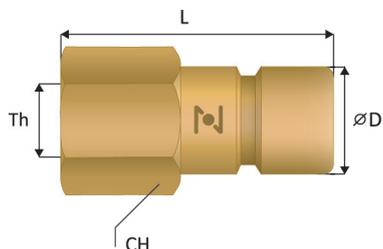
### MALE THREAD PLUG WITH VALVE



 <b>SHUT-OFF VALVE</b>	<b>DIMENSIONS</b>			
	<b>TH</b>	<b>ØD</b>	<b>CH</b>	<b>L</b>
D6PM14V	BSP 1/4	9	16	27
D6PM38V	BSP 3/8	9	17	27
D9PM14V	BSP 1/4	13	16	33
D9PM38V	BSP 3/8	13	19	33
D9PM12V	BSP 1/2	13	22	37
D16PM12V	BSP 1/2	20	22	50
D16PM34V	BSP 3/4	20	27	54

### TYPE SD

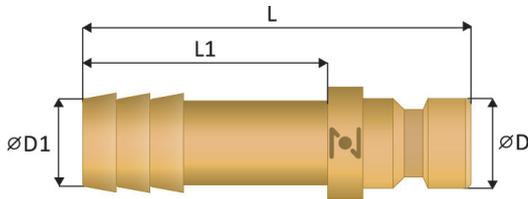
### FEMALE THREAD PLUG



 <b>FULL FLOW</b>	<b>DIMENSIONS</b>			
	<b>TH</b>	<b>ØD</b>	<b>CH</b>	<b>L</b>
D6PF18	BSP 1/8	9	13	20
D6PF14	BSP 1/4	9	16	24
D6PF38	BSP 3/8	9	19	24
D9PF14	BSP 1/4	13	14	29
D9PF38	BSP 3/8	13	19	29
D9PF12	BSP 1/2	13	24	33
D16PF38	BSP 3/8	20	21	32
D16PF12	BSP 1/2	20	24	35
D16PF38	BSP 3/8	20	21	32
D16PF12	BSP 1/2	20	24	35

TYPE SD

FLEXIBLE HOSE PLUG

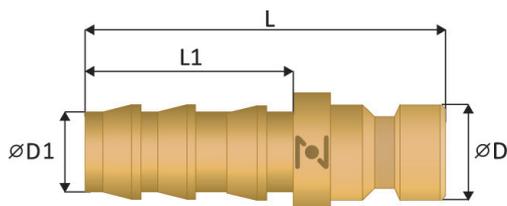


REFERENCE	DIMENSIONS			
	ØD	ØD1	L	L1
D6FM6	9	6	39	22
D6FM10	9	10	39	22
D9FM10	13	10	41	25
D9FM13	13	13	43	25
D16FM16	20	16	50	27
D16FM19	20	19	50	27

 **NEED CLAMP**

TYPE SD

PUSH-LOCK HOSE PLUG

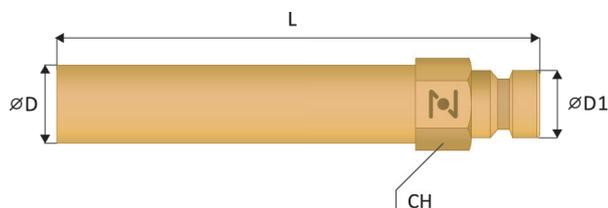


REFERENCE	DIMENSIONS			
	ØD	ØD1	L	L1
D6FMPL10	9	10	38	22
D9FMPL10	13	10	43	25
D9FMPL13	13	13	47	29
D16FMPL13	20	13	51	28
D16FMPL19	20	19	51	28

 **NO CLAMP NEEDED**

TYPE SD

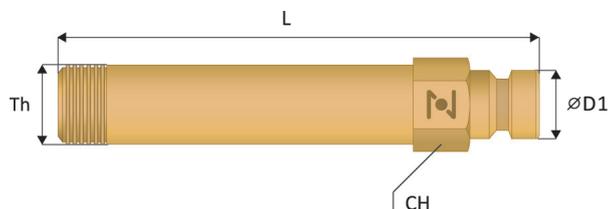
EXTENSION PLUG WITHOUT THREAD PLUG



REFERENCE	DIMENSIONS			
	ØD	ØD1	CH	L1
D663ES	10	9	11	63
D6100ES	10	9	11	100
D6120ES	10	9	11	120
D6240ES	10	9	11	240
D9150ES	14	13	15	150
D9200ES	14	13	15	200
D9300ES	14	13	15	300
D16500ES	21	20	22	500
D16800ES	21	20	22	800

### TYPE SD

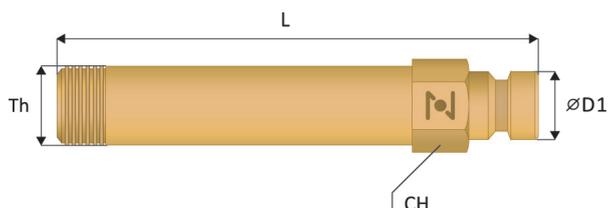
### EXTENSION PLUG WITHOUT THREAD **PLUG**



REFERENCE	DIMENSIONS			
	TH	ØD1	CH	L
D6R18ES100	BSP 1/8	9	11	100
D6R18ES150	BSP 1/8	9	11	150
D6R18ES250	BSP 1/8	9	11	250
D9R14ES50	BSP 1/4	13	15	50
D9R14ES100	BSP 1/4	13	15	100
D9R14ES150	BSP 1/4	13	15	150
D9R14ES200	BSP 1/4	13	15	200
D9R14ES250	BSP 1/4	13	15	250

### TYPE SD

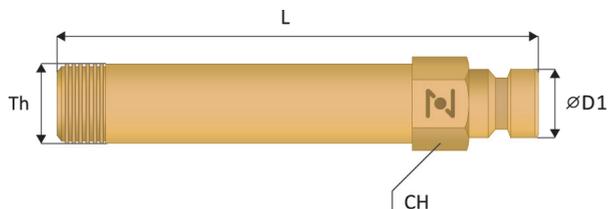
### EXTENSION PLUG WITHOUT THREAD **PLUG**



REFERENCE	DIMENSIONS			
	TH	ØD1	CH	L
D9R38ES50	BSP 3/8	13	17	50
D9R38ES100	BSP 3/8	13	17	100
D9R38ES150	BSP 3/8	13	17	150
D9R38ES200	BSP 3/8	13	17	200
D9R38ES250	BSP 3/8	13	17	250

### TYPE SD

### EXTENSION PLUG WITHOUT THREAD **PLUG**



REFERENCE	DIMENSIONS			
	TH	ØD1	CH	L
D16R12ES500	BSP 1/2	21	22	500
D16R12ES800	BSP 1/2	21	22	800



## TYPE SH

### USING AREA

- On steam line
- On temperature regulation applications with hot or cold water, oil
- Injection moulding industries
- On cooling system off plastic, zamak, brass and aluminium.
- In other industries in general

### MATERIAL COUPLING

- |                 |                 |
|-----------------|-----------------|
| • Body          | Brass           |
| • Sleeve        | Brass / Nickel  |
| • Valve         | Brass           |
| • Seals         | FPM (viton)     |
| • Balls         | Stainless Steel |
| • Locking Rings | Stainless Steel |
| • Springs       | Stainless Steel |
| • Plug          | Brass           |

### WORKING PRESSURE

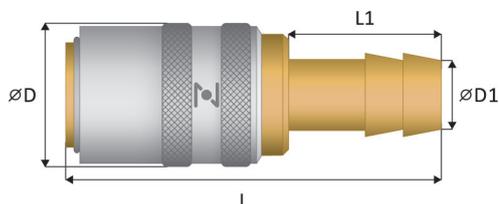
15 BAR (145 PSI)

### TEMPERATURE RANGE

- 15° C + 180° C

### TYPE SH

### FLEXIBLE HOSE SOCKET

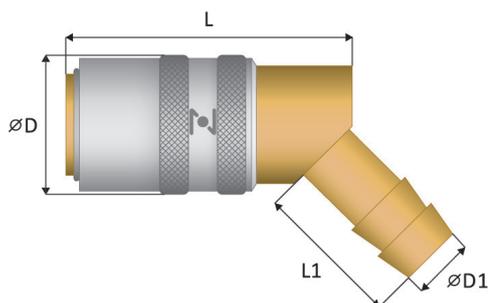


FULL FLOW	SHUT-OFF VALVE	DIMENSIONS			
		ØD	ØD1	L	L1
HP6M6	HP6M6V	18	6	47	17
HP6M10	HP6M10V	18	10	57	18
HP9M10	HP9M10V	23	10	59	23
HP9M13	HP9M13V	23	13	59	23
HP13M16	HP13M16V	31	16	90	32
HP13M19	HP13M19V	31	19	90	32

**⚠ NEED CLAMP**

### TYPE SH

### FLEXIBLE HOSE SOCKET 45°

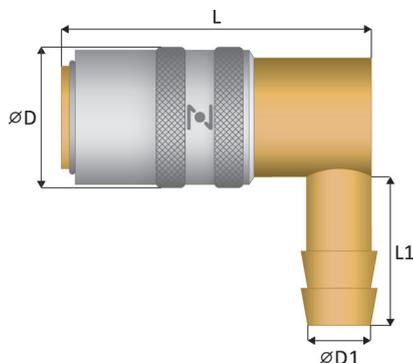


FULL FLOW	SHUT-OFF VALVE	DIMENSIONS			
		ØD	ØD1	L	L1
HP6M1045	HP6M1045V	18	10	42	19
HP9M1045	HP9M1045V	23	10	54	23
HP9M1345	HP9M1345V	23	13	54	23
HP13M1645	HP13M1645	31	16	78	32
HP13M1945	HP13M1945	31	19	78	32

**⚠ NEED CLAMP**

### TYPE SH

### FLEXIBLE HOSE SOCKET 90°

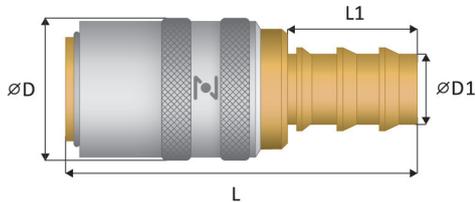


FULL FLOW	SHUT-OFF VALVE	DIMENSIONS			
		ØD	ØD1	L	L1
HP6M690	HP6M690V	18	6	46	17
HP6M1090	HP6M1090V	18	10	46	20
HP9M1090	HP9M1090V	23	10	54	23
HP9M1390	HP9M1390V	23	13	54	23
HP16M1690	HP16M1690V	31	16	78	32
HP16M1990	HP16M1990V	31	19	78	32

**⚠ NEED CLAMP**

**TYPE SH**

PUSH-LOCK HOSE **SOCKET**

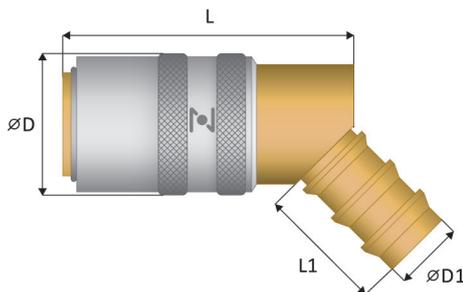


FULL FLOW	SHUT-OFF VALVE	DIMENSIONS			
		ØD	ØD1	L	L1
HP6ML6	HP6ML6V	18	6	59	20
HP6ML10	HP6ML10V	18	10	48	18
HP9ML10	HP9ML10V	23	10	65	25
HP9ML13	HP9ML13V	23	13	65	29
HP13ML16	HP13ML16V	31	16	84	38
HP13ML19	HP13ML19V	31	19	84	38

**⚠ NO CLAMP NEEDED**

**TYPE SH**

PUSH-LOCK HOSE **SOCKET 45°**

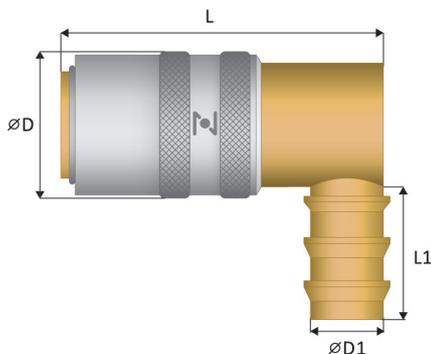


FULL FLOW	SHUT-OFF VALVE	DIMENSIONS			
		ØD	ØD1	L	L1
HP6ML645	HP6ML645V	18	6	42	18
HP6ML1045	HP6ML1045V	18	10	42	18
HP9ML1045	HP9ML1045V	23	10	54	25
HP9ML1345	HP9ML1345V	23	13	54	29
HP13ML1645	HP13ML1645V	31	16	84	38
HP13ML1945	HP13ML1945V	31	19	84	38

**⚠ NO CLAMP NEEDED**

**TYPE SH**

PUSH-LOCK HOSE **SOCKET 90°**

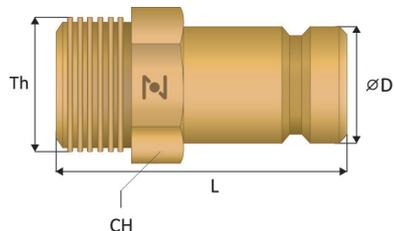


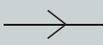
FULL FLOW	SHUT-OFF VALVE	DIMENSIONS			
		ØD	ØD1	L	L1
HP6ML690	HP6ML690V	18	6	42	18
HP6ML1090	HP6ML1090V	18	10	42	18
HP9ML1090	HP9ML1090V	23	10	54	25
HP9ML1390	HP9ML1390V	23	13	54	29
HP13ML1690	HP13ML1690V	31	16	84	38
HP13ML1990	HP13ML1990V	31	19	84	38

**⚠ NO CLAMP NEEDED**

### TYPE SH

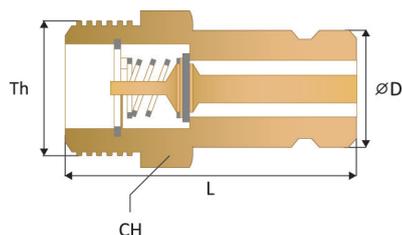
### MALE THREAD **PLUG**



 <b>FULL FLOW</b>	<b>DIMENSIONS</b>			
	<b>TH</b>	<b>ØD</b>	<b>CH</b>	<b>L</b>
H6PM18	BSP 1/8	9	11	24
H6PM16	BSP 1/4	9	15	26
H6PM38	BSP 3/8	9	17	30
H9PM14	BSP 1/4	13	15	26
H9PM38	BSP 3/8	13	17	26
H9PM12	BSP 1/2	13	22	47
H13PM12	BSP 1/2	19	22	51
H13PM34	BSP 3/4	19	27	51

### TYPE SH

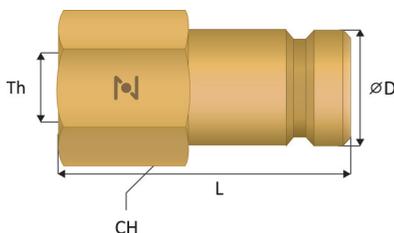
### MALE THREAD PLUG WITH VALVE **PLUG**

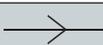


 <b>SHUT-OFF VALVE</b>	<b>DIMENSIONS</b>			
	<b>TH</b>	<b>ØD</b>	<b>CH</b>	<b>L</b>
H6PM14V	BSP 1/4	9	15	29
H6PM38V	BSP 3/8	9	17	29
H9PM14V	BSP 1/4	13	15	26
H9PM38V	BSP 3/8	13	17	26
H9PM12V	BSP 1/2	13	22	47
HP13PM12V	BSP 1/2	19	22	51
HP13PM34V	BSP 3/4	19	27	51

### TYPE SH

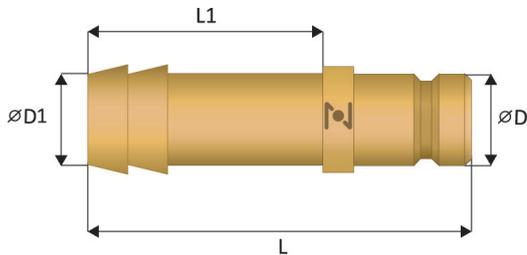
### FEMALE THREAD **PLUG**



 <b>FULL FLOW</b>	<b>DIMENSIONS</b>			
	<b>TH</b>	<b>ØD</b>	<b>CH</b>	<b>L</b>
H6PF18	BSP 1/8	9	13	24
H6PF14	BSP 1/4	9	16	27
H6PF38	BSP 3/8	9	19	26
H9PF14	BSP 1/4	13	17	26
H9PF38	BSP 3/8	13	19	26
H9PF12	BSP 1/2	13	24	47

**TYPE SH**

FLEXIBLE HOSE **PLUG**

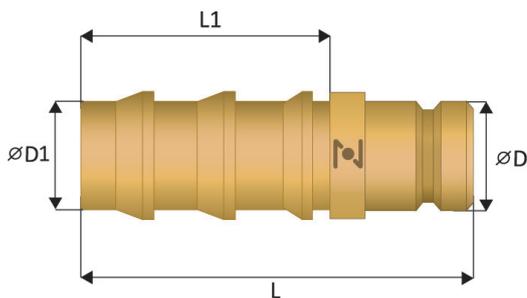


REFERENCE	DIMENSIONS			
	ØD	ØD1	L	L1
H6M10	9	10	39	22
H9M10	13	10	41	23
H9M13	13	13	43	23
H13M16	19	16	53	38
H13M19	19	19	57	38

**! NEED CLAMP**

**TYPE SH**

PUSH-LOCK HOSE **PLUG**

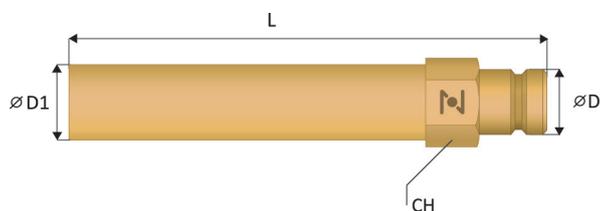


REFERENCE	DIMENSIONS			
	ØD	ØD1	L	L1
H6ML10	9	10	41	24
H9ML10	10	10	43	25
H9ML13	13	13	47	29
H13ML16	19	16	68	38
H13ML19	19	19	68	38

**! NO CLAMP NEEDED**

**TYPE SH**

EXTENSION PLUG WITHOUT THREAD **PLUG**



REFERENCE	DIMENSIONS			
	ØD	ØD1	CH	L
H663ES	9	8	9	63
H6100ES	9	8	9	100
H6120ES	9	11	11	120
H6240ES	9	11	11	240
H6360ES	9	11	11	360
H9150ES	13	14	15	150
H9300ES	13	14	15	300
H9450ES	13	14	15	450



## TYPE SY

### USING AREA

- On steam line
- On temperature regulation applications with hot or cold water, oil
- Injection moulding industries
- On cooling system off plastic, zamak, brass and aluminium.
- In other industries in general

### MATERIAL COUPLING

- |           |                 |
|-----------|-----------------|
| • Body    | Brass           |
| • Sleeve  | Brass           |
| • Valve   | Brass           |
| • Seals   | NBR / FPM       |
| • Balls   | Stainless Steel |
| • Springs | Stainless Steel |
| • Plug    | Brass           |

### WORKING PRESSURE

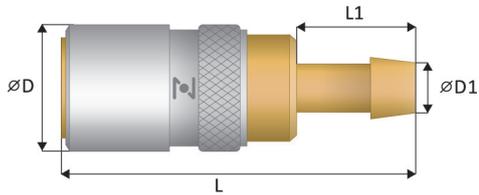
15 BAR (145 PSI)

### TEMPERATURE RANGE

- 15° C + 180° C

### TYPE SY

### FLEXIBLE HOSE SOCKET

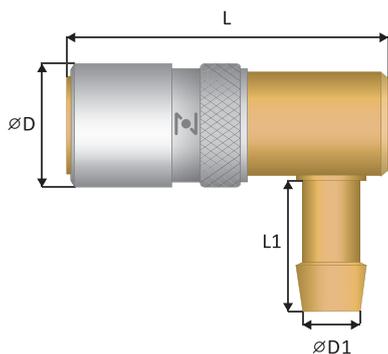


FULL FLOW	SHUT-OFF VALVE	TYPE	DIMENSIONS			
			$\varnothing D$	$\varnothing D1$	L	L1
YSF6M8	YSF6M8V	6	19	8	60	23
YSF9M10	YSF9M10V	9	25	10	69	28
YSF9M13	YSF9M13V	9	25	13	69	28
YSF12M13	YSF12M13V	12	31	13	82	28
YSF12M16	YSF12M16V	12	31	16	82	28
YSF16M16	YSF16M16V	16	38	16	109	28
YSF16M19	YSF16M19V	16	38	19	114	33

**! NEED CLAMP**

### TYPE SY

### FLEXIBLE HOSE SOCKET 90°

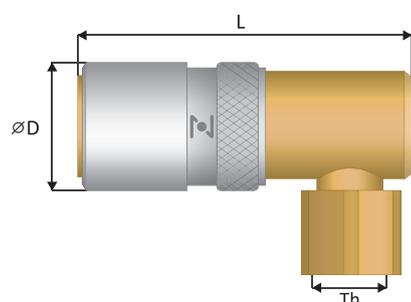


FULL FLOW	SHUT-OFF VALVE	TYPE	DIMENSIONS			
			$\varnothing D$	$\varnothing D1$	L	L1
YSF6M890	YSF6M890V	6	19	8	59	23
YSF9M1090	YSF9M1090V	9	25	10	65	26
YSF9M1390	YSF9M1390V	9	25	13	65	26
YSF12M1690	YSF12M1690V	12	31	16	82	28
YSF16M1990	YSF16M1990V	16	38	19	132	60

**! NEED CLAMP**

### TYPE SY

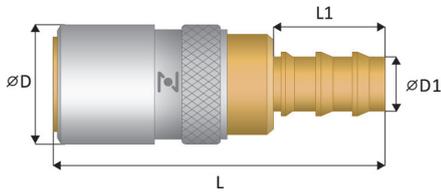
### FEMALE THREAD SOCKET 90°



FULL FLOW	SHUT-OFF VALVE	TYPE	DIMENSIONS		
			TH	$\varnothing D$	L
YSF6F1490	YSF6F1490V	6	BSP 1/4	19	59
YSF9F3890	YSF9F3890V	9	BSP 3/8	35	65
YSF12F1290	YSF12F1290V	12	BSP 1/2	31	81

TYPE SY

PUSH-LOCK HOSE SOCKET

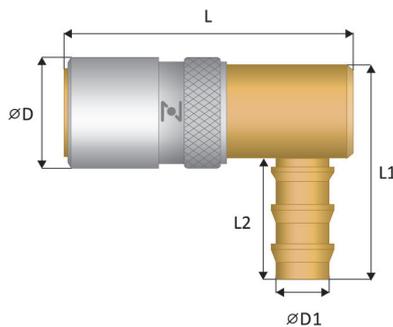


FULL FLOW	SHUT-OFF VALVE	TYPE	DIMENSIONS			
			ØD	ØD1	L	L1
YSF6ML10	YSF6ML10V	6	19	10	60	23
YSF9ML10	YSF9ML10V	9	25	10	69	25
YSF9ML13	YSF9ML13V	9	25	13	69	29
YSF12ML13	YSF12ML13V	12	31	13	82	28
YSF16ML16	YSF16ML16V	16	38	16	109	28
YSF16ML19	YSF16ML19V	16	38	19	114	33

NO CLAMP NEEDED

TYPE SY

PUSH-LOCK HOSE SOCKET 90°

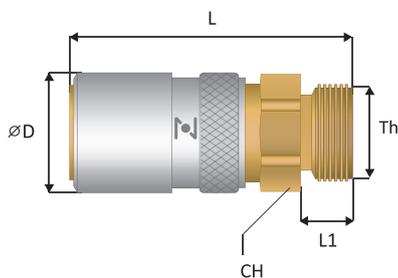


FULL FLOW	SHUT-OFF VALVE	TYPE	DIMENSIONS				
			ØD	ØD1	L	L1	L2
YSF9ML1090	YSF9ML1090V	9	25	10	65	52	25
YSF9ML1390	YSF9ML1390V	9	25	13	65	52	29

NO CLAMP NEEDED

TYPE SY

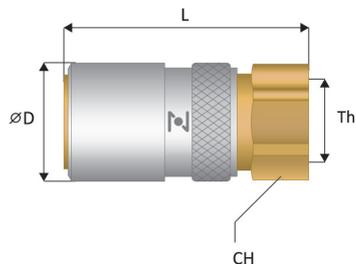
MALE THREAD SOCKET



FULL FLOW	SHUT-OFF VALVE	TYPE	DIMENSIONS				
			TH	CH	ØD	L	L1
YSF6M14	YSF6M14V	6	BSP 1/4	17	19	55	10
YSF9M38	YSF9M38V	9	BSP 3/8	22	25	53	12
YSF12M12	YSF12M12V	12	BSP 1/2	27	31	67	14
YSF16M34	YSF16M34V	16	BSP 3/4	32	38	115	14

### TYPE SY

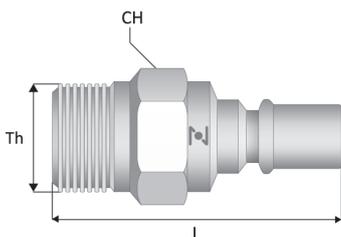
### FEMALE THREAD SOCKET



FULL FLOW	SHUT-OFF VALVE	TYPE	DIMENSIONS			
			TH	CH	ØD	L
YSF6F14	YSF6F14V	6	BSP 1/4	17	19	46
YSF9F38	YSF9F38V	9	BSP 3/8	22	25	53
YSF12F12	YSF12F12V	12	BSP 1/2	27	31	67
YSF16F34	YSF16F34V	16	BSP 3/4	35	38	90

### TYPE SY

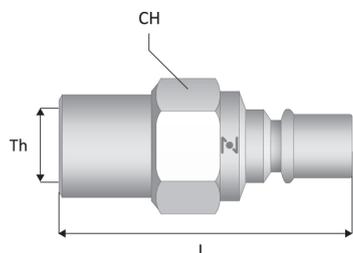
### MALE THREAD PLUG WITH VALVE PLUG



SHUT-OFF VALVE	TYPE	DIMENSIONS		
		TH	CH	L
YSM6M18V	6	BSP 1/8	17	45
YSM6M14V	6	BSP 1/4	17	45
YSM9M14V	9	BSP 1/4	19	51
YSM9M38V	9	BSP 3/8	20	48
YSM12M38V	12	BSP 3/8	24	64
YSM12M12V	12	BSP 1/2	24	62
YSM16M34V	16	BSP 3/4	32	81

### TYPE SY

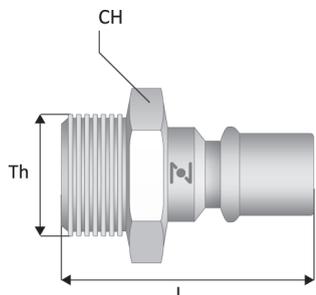
### FEMALE THREAD PLUG WITH VALVE PLUG



SHUT-OFF VALVE	TYPE	DIMENSIONS		
		TH	CH	L
YSM6F14V	6	BSP 1/4	17	47
YSM9F14V	9	BSP 1/4	19	48
YSM9F38V	9	BSP 3/8	22	49
YSM12F12V	12	BSP 1/2	27	63
YSM16F34V	16	BSP 3/4	32	81

**TYPE SY**

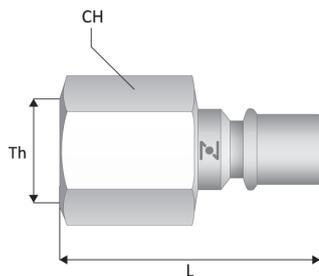
MALE THREAD **PLUG**



 FULL FLOW	 SHUT-OFF VALVE	TYPE	DIMENSIONS		
			TH	CH	L
YSM6M38	YSM6M38V	6	BSP 3/8	17	34
YSM9M12	YSM9M12V	9	BSP 1/2	22	37
YSM12M34	YSM12M34V	12	BSP 3/4	27	46
YSM16M1	YSM16M1V	16	BSP 1	35	60

**TYPE SY**

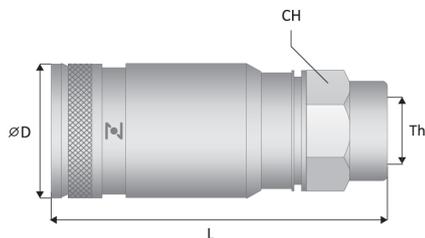
FEMALE THREAD PLUG WITHOUT VALVE **PLUG**



 FULL FLOW	TYPE	DIMENSIONS		
		TH	CH	L
YSM6F14	6	BSP 1/4	17	34
YSM9F14	9	BSP 1/4	22	37
YSM9F38	9	BSP 3/8	22	37
YSM12F12	12	BSP 1/2	27	45
YSM16F34	16	BSP 3/4	32	58

**TYPE SY**

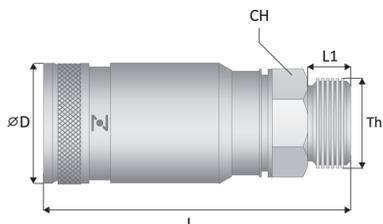
FEMALE THREAD SOCKET WITH VALVE **SOCKET**



 SHUT-OFF VALVE	TYPE	DIMENSIONS			
		TH	CH	ØD	L
YSF20F34V	20	BSP 3/4	42	53	119
YSF20F1V	20	BSP 1	42	53	119
YSF20FN1V	20	NPT 1	42	53	119
YSF25F1V	25	BSP 1	50	60	140
YSF25F114V	25	BSP 1 1/4	50	60	140
YSF38F112V	38	BSP 1 1/2	70	82	158
YSF38F2V	38	BSP 2	70	82	158

### TYPE SY

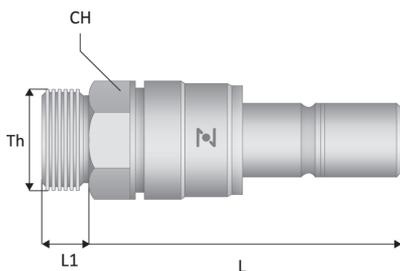
### MALE THREAD SOCKET WITH VALVE **SOCKET**



SHUT-OFF VALVE	TYPE	DIMENSIONS				
		TH	CH	ØD	L	L1
YSF20M1V	20	BSP 1	41	53	132	20
YSF20MN1V	20	NPT 1	41	53	132	20
YSF25M114V	25	BSP 1 1/4	50	60	144	21
YSF25MN114V	25	NPT 1 1/4	50	60	144	21
YSF38M112V	38	BSP 1 1/2	70	82	167	24

### TYPE SY

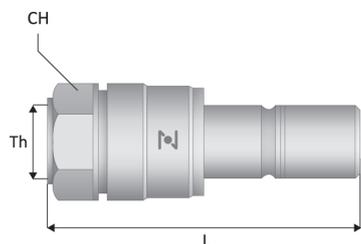
### MALE THREAD PLUG WITH VALVE **PLUG**



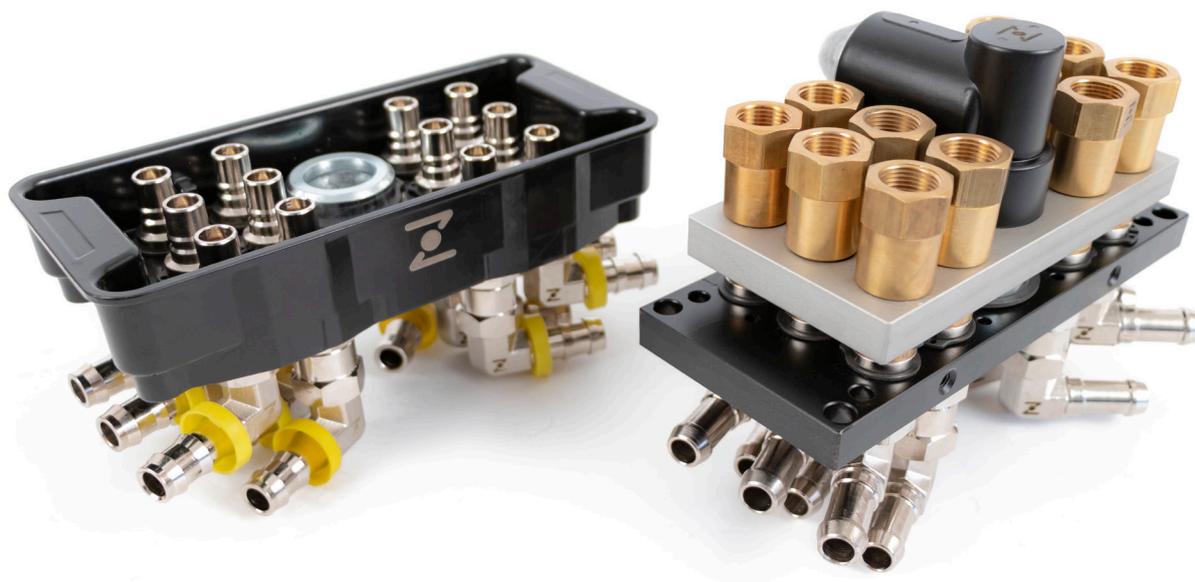
SHUT-OFF VALVE	TYPE	DIMENSIONS			
		TH	CH	L	L1
YSM20M1V	20	BSP 1	41	142	19
YSM20MN1V	20	NPT 1	41	142	19
YSM25M114V	25	BSP 1 1/4	50	153	21
YSM38M112V	38	BSP 1 1/2	70	156	24
YSM38M2V	38	BSP 2	70	161	24

### TYPE SY

### FEMALE THREAD PLUG WITH VALVE **PLUG**



SHUT-OFF VALVE	TYPE	DIMENSIONS		
		TH	CH	L
YSM20F34V	20	BSP 3/4	41	126
YSM20F1V	20	BSP 1	41	126
YSM20FN1V	20	NPT 1	41	126
YSM25F1V	25	BSP 1	50	148
YSM25F114V	25	BSP 1 1/4	50	148
YSM38F112V	38	BSP 1 1/2	70	156
YSM38F2V	38	BSP 2	70	156



## STANDART **MULTICOUPLINGS**

### USING AREA

- On steam line
- On temperature regulation applications with hot or cold water, oil
- Injection moulding industries
- On cooling system off plastic, zamak, brass and aluminium.
- In other industries in general

### DESCRIPTION

- Multicoupling systems are applicable for quick changing of injection moulding and die cast equipments.
- This system avoids from the wron conections in a quick and simple way.

#### WORKING PRESSURE

15 BAR (145 PSI)

#### TEMPERATURE RANGE

- 20° C + 100° C

### TYPE YM9

### MOULD EQUIPMENTS WITH COUPLINGS **MOULD PLATE 5/5 CIRCUITS**

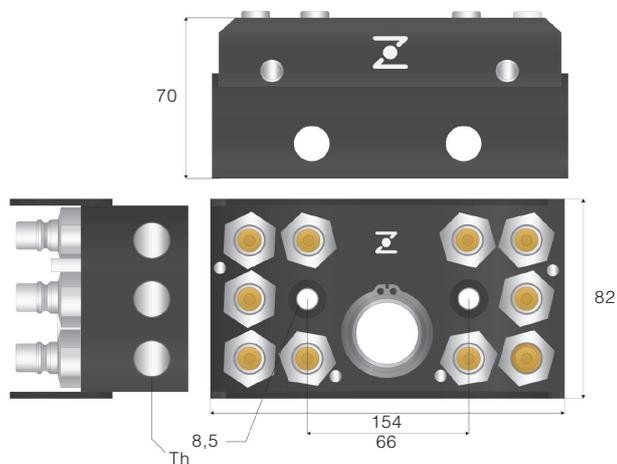


PLATE WITH PLUGS		
		TH
YSM910B	YSM910BV	BSP 3/8

### TYPE YP9

### PRESS EQUIPMENT WITH COUPLINGS **MOBILE PLATE 5/5 CIRCUITS**

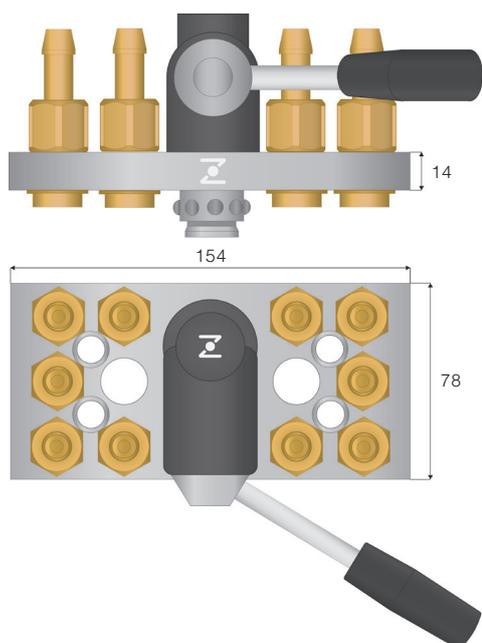


PLATE WITH PLUGS		
		HOSE
YPS910M10	YPS910M10V	10
YPS910M13	YPS910M13V	13

**TYPE YP9**

PRESS EQUIPMENT WITH COUPLINGS **MOBILE PLATE 5/5 CIRCUITS**

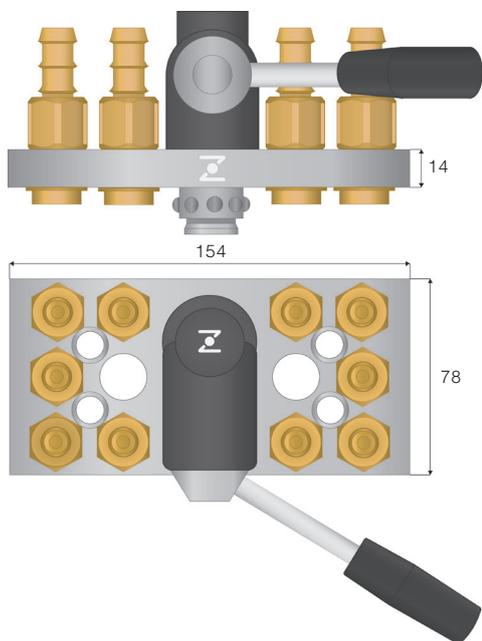


PLATE WITH PLUGS		
 FULL FLOW	 SHUT-OFF VALVE	HOSE
YPS910ML10	YPS910ML10V	10
YPS910ML13	YPS910ML13V	13

**TYPE YP9**

PRESS EQUIPMENT WITH COUPLINGS **MOBILE PLATE 5/5 CIRCUITS**

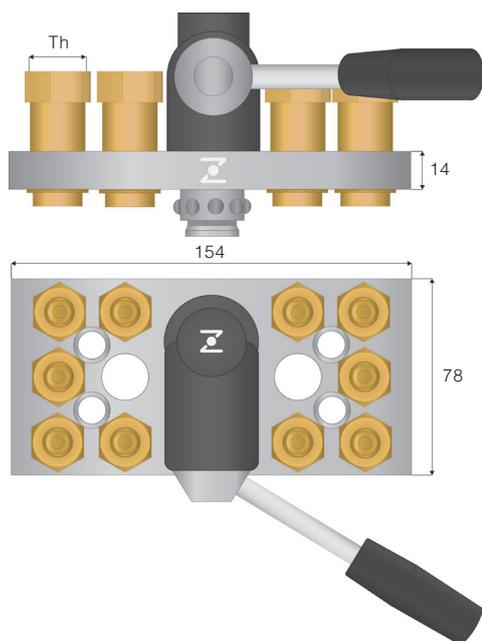


PLATE WITH PLUGS		
 FULL FLOW	 SHUT-OFF VALVE	TH
YPS910F38	YPS910F38V	BSP 3/8

**TYPE YM9**

MOULD EQUIPMENT **MOULD PLATE 6/6 CIRCUITS**

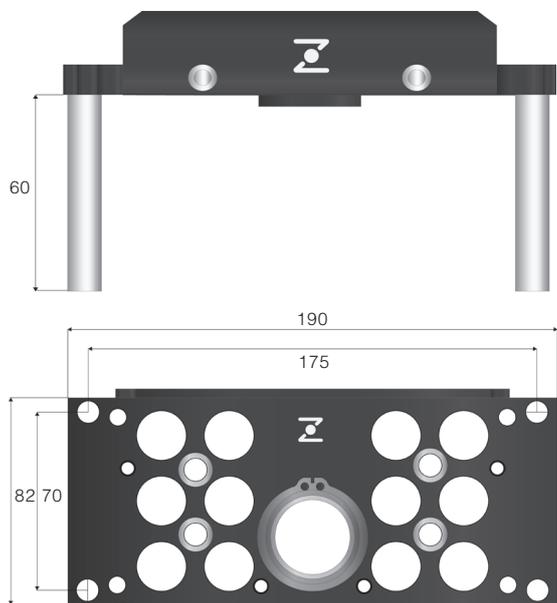


PLATE WITH PLUGS	
 <b>FULL FLOW</b>	 <b>SHUT-OFF VALVE</b>
YM912P12	YM912P12V

PLATE WITHOUT PLUGS
<b>REFERENCE</b>
YM912

**TYPE YM9**

MOULD EQUIPMENT **MOULD PLATE 6/6 CIRCUITS**

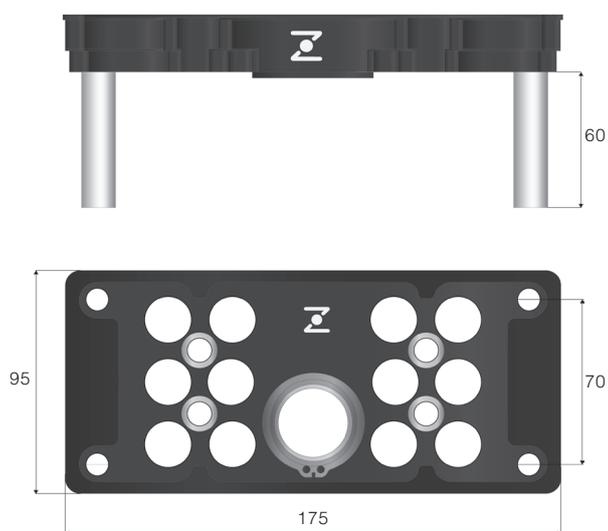


PLATE WITH PLUGS	
 <b>FULL FLOW</b>	 <b>SHUT-OFF VALVE</b>
YM912MP12	YM912MP12V

PLATE WITHOUT PLUGS
<b>REFERENCE</b>
YM912M

**TYPE YP9**

PRESS EQUIPMENT WITH COUPLINGS **MOBILE PLATE 6/6 CIRCUITS**

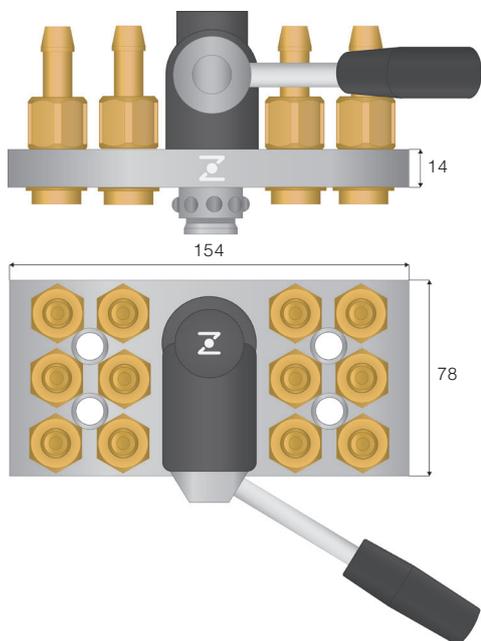


PLATE WITH PLUGS		
 FULL FLOW	 SHUT-OFF VALVE	HOSE
YPS912M10	YPS912M10V	10
YPS912M13	YPS912M13V	13

**TYPE YP9**

PRESS EQUIPMENT WITH COUPLINGS **MOBILE PLATE 6/6 CIRCUITS**

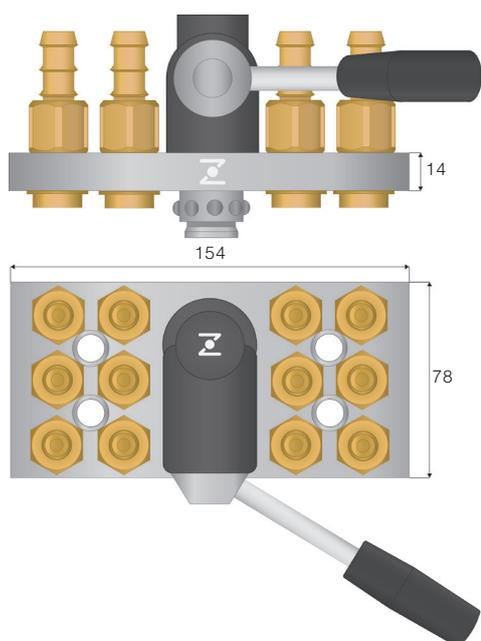


PLATE WITH PLUGS		
 FULL FLOW	 SHUT-OFF VALVE	HOSE
YPS912ML10	YPS912ML10V	10
YPS912ML13	YPS912ML13V	13

**TYPE YP9**

PRESS EQUIPMENT WITH COUPLINGS **MOBILE PLATE 6/6 CIRCUITS**

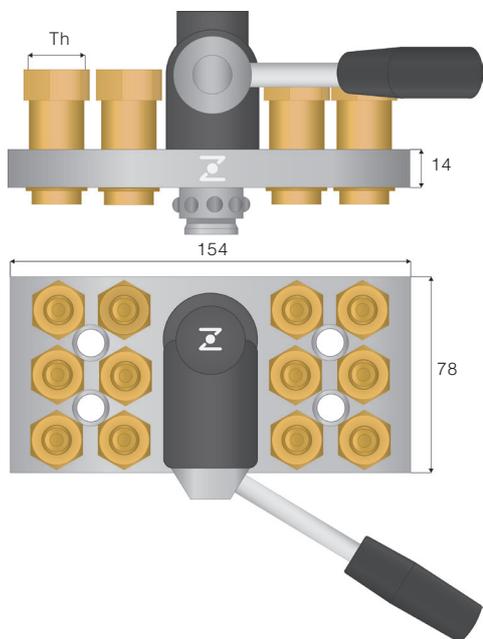


PLATE WITH PLUGS		
		TH
FULL FLOW	SHUT-OFF VALVE	
YPS912F38	YPS912F38V	BSP 3/8

**TYPE YP9**

PRESS EQUIPMENT WITH COUPLINGS **MOBILE PLATE 6/6 CIRCUITS**

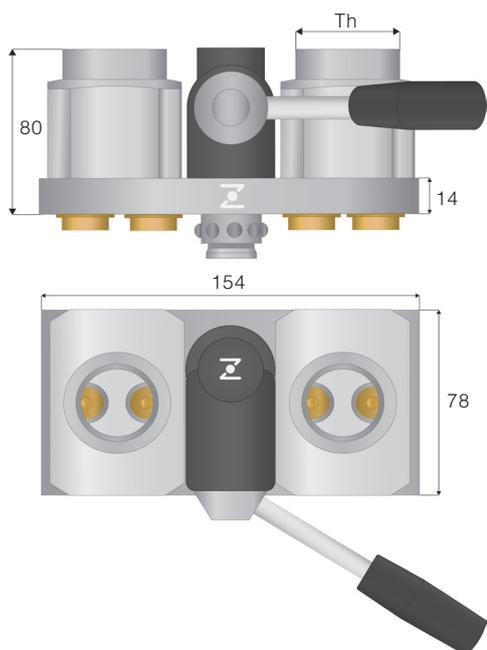


PLATE WITH PLUGS		
		TH
FULL FLOW	SHUT-OFF VALVE	
YPS912PF1	YPS912PF1V	BSP 1

**TYPE YM9**

MOULD EQUIPMENT **MOULD PLATE 10/10 CIRCUITS**

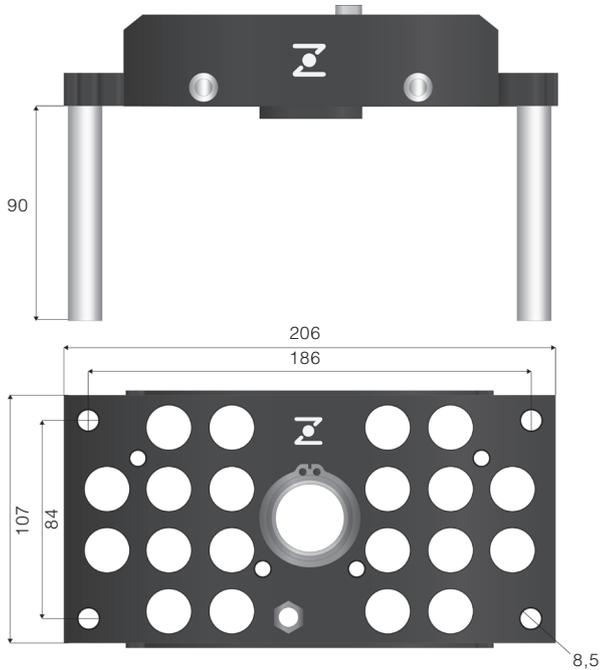


PLATE WITH PLUGS	
 <b>FULL FLOW</b>	 <b>SHUT-OFF VALVE</b>
YM920P20	YM920P20V

PLATE WITHOUT PLUGS
<b>REFERENCE</b>
YM920

**TYPE YP9**

PRESS EQUIPMENT WITH COUPLINGS **MOBILE PLATE 10/10 CIRCUITS**

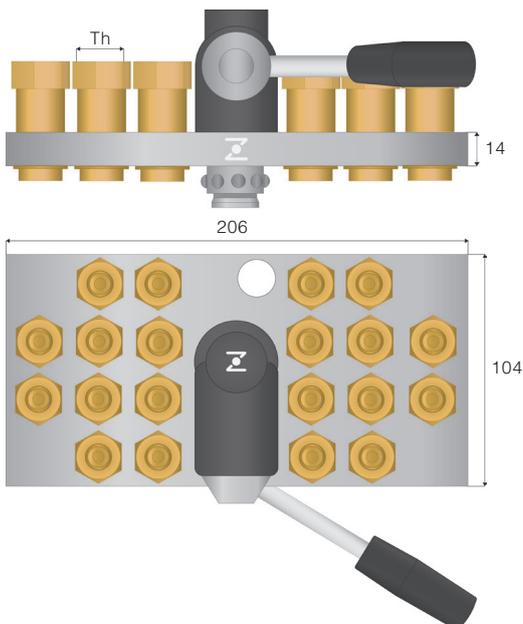


PLATE WITH PLUGS		
 <b>FULL FLOW</b>	 <b>SHUT-OFF VALVE</b>	<b>TH</b>
YPS920F38	YPS920F38V	BSP 3/8

### TYPE YP9

### PRESS EQUIPMENT WITH COUPLINGS **MOBILE PLATE 10/10 CIRCUITS**

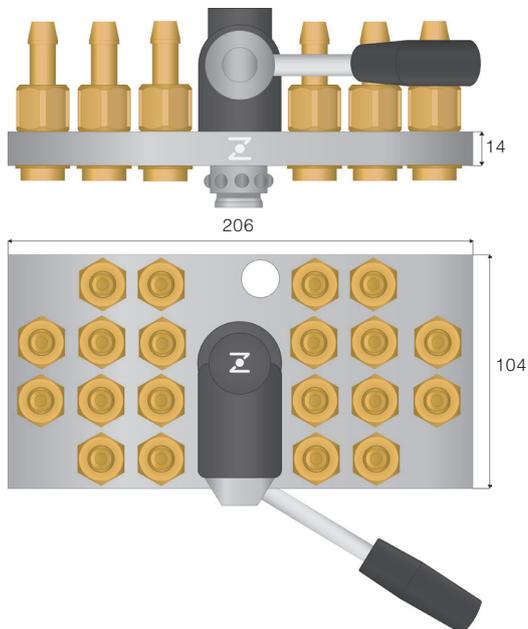


PLATE WITH PLUGS		
 FULL FLOW	 SHUT-OFF VALVE	HOSE
YPS920M10	YPS920M10V	10
YPS920M13	YPS920M13V	13

### TYPE YP9

### PRESS EQUIPMENT WITH COUPLINGS **MOBILE PLATE 10/10 CIRCUITS**

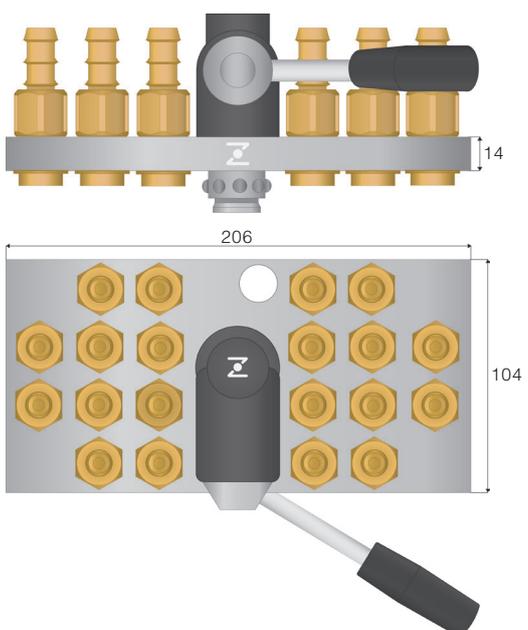
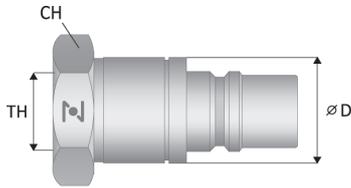
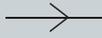


PLATE WITH PLUGS		
 FULL FLOW	 SHUT-OFF VALVE	HOSE
YPS920ML10	YPS920ML10V	10
YPS920ML13	YPS920ML13V	13

TYPE **YM9**

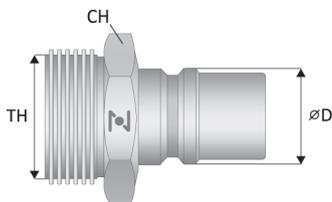
FEMALE THREAD **PLUG**

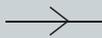


 <b>FULL FLOW</b>	 <b>SHUT-OFF VALVE</b>	DIMENSIONS		
		TH	CH	ØD
YM9F38	YM9F38V	BSP 3/8	22	19

TYPE **YM9**

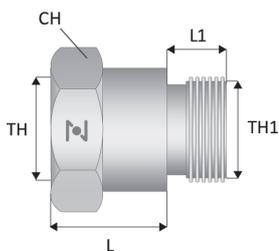
MALE THREAD **PLUG**



 <b>FULL FLOW</b>	 <b>SHUT-OFF VALVE</b>	DIMENSIONS			
		TH	CH	ØD	L
YSM9M12	YSM9M12V	BSP 1/2	22	14	37

TYPE **YM9**

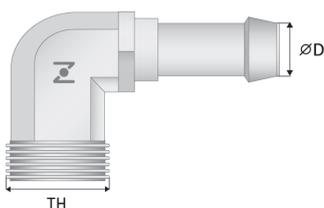
FEMALE / MALE 3/8" BSP **EXTENSION**



REFERENCE	MOULD EQUIP.	DIMENSIONS				
		TH	TH1	CH	L	L1
YE9MF38	YM9	BSP 3/8	BSP 3/8	22	21	12

TYPE **YM9**

ELBOW FOR FLEXIBLE HOSE **ELBOW**

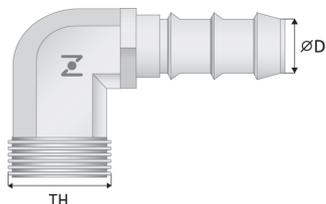


REFERENCE	MOULD EQUIP.	HOSE	TH
YE938M10	YM9	10	BSP 3/8
YE938M13	YM9	13	BSP 3/8

 **NEED CLAMP**

### TYPE YM9

### ELBOW FOR PUSH-LOCK HOSE **ELBOW**

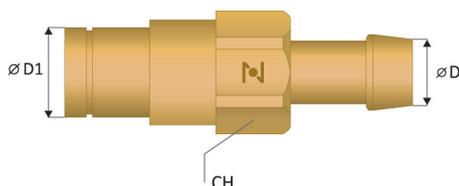


REFERENCE	MOULD EQUIP.	ØD1	TH
YE938ML10	YM9	10	BSP 3/8
YE938ML13	YM9	13	BSP 3/8

**! NO CLAMP NEEDED**

### TYPE YP9

### PRESS SOCKET FOR FLEXIBLE HOSE **SOCKET**

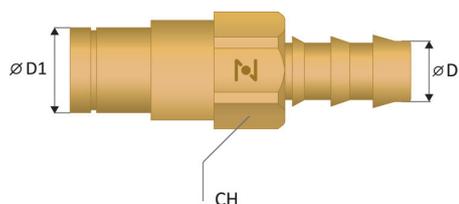


FULL FLOW	SHUT-OFF VALVE	PRESS EQUIP.	DIMENSIONS		
			ØD	ØD1	CH
YPS9M10	YPS9M10V	YP9	10	19	22
YPS9M13	YPS9M13V	YP9	13	19	22

**! NEED CLAMP**

### TYPE YP9

### PRESS SOCKET FOR PUSH-LOCK HOSE **SOCKET**

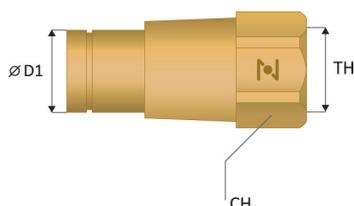


FULL FLOW	SHUT-OFF VALVE	PRESS EQUIP.	DIMENSIONS		
			ØD	ØD1	CH
YPS9ML 10	YPS9ML10V	YP9	10	19	22
YPS9ML13	YPS9ML13V	YP9	13	19	22

**! NO CLAMP NEEDED**

### TYPE YP9

### PRESS SOCKET FEMALE THREAD **SOCKET**



FULL FLOW	SHUT-OFF VALVE	PRESS EQUIP.	DIMENSIONS		
			TH	ØD1	CH
YPS9F38	YPS9F38V	YP9	BSP 3/8	19	22

**TYPE YM12**

MOULD EQUIPMENTS WITH COUPLINGS **MOULD PLATE 5/5 CIRCUITS**

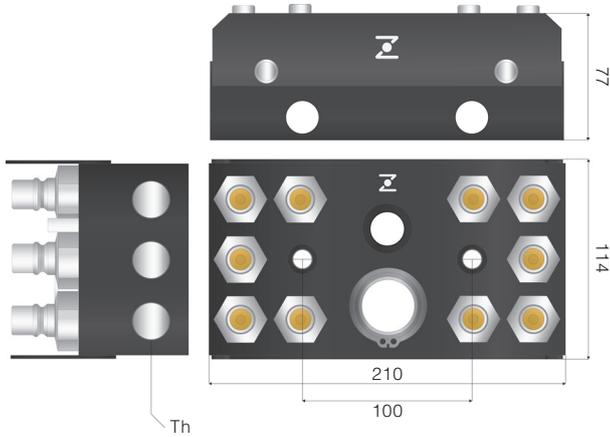


PLATE WITH PLUGS		
 <b>FULL FLOW</b>	 <b>SHUT-OFF VALVE</b>	<b>TH</b>
YMP1210B	YMP1210BV	BSP 1/2

**TYPE YP12**

PRESS EQUIPMENT WITH COUPLINGS **MOBILE PLATE 5/5 CIRCUITS**

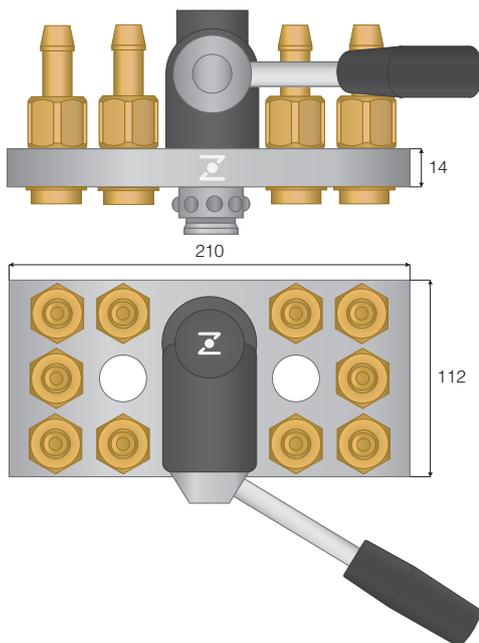


PLATE WITH PLUGS		
 <b>FULL FLOW</b>	 <b>SHUT-OFF VALVE</b>	<b>HOSE</b>
YPS1210M13	YPS1210M13V	13
YPS1210M16	YPS1210M16V	16

TYPE **YP12**

PRESS EQUIPMENT WITH COUPLINGS **MOBILE PLATE 5/5 CIRCUITS**

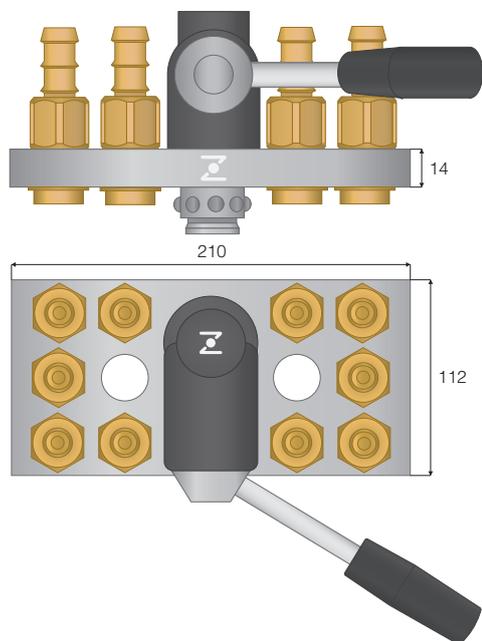


PLATE WITH PLUGS		
 FULL FLOW	 SHUT-OFF VALVE	HOSE
YPS1210ML13	YPS1210ML13V	13
YPS1210ML16	YPS1210ML16V	16

TYPE **YP12**

PRESS EQUIPMENT WITH COUPLINGS **MOBILE PLATE 5/5 CIRCUITS**

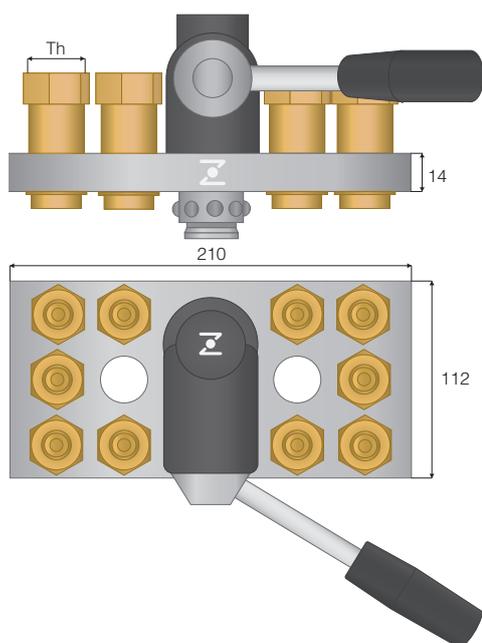
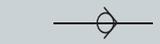
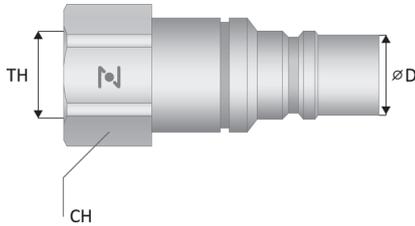


PLATE WITH PLUGS		
 FULL FLOW	 SHUT-OFF VALVE	TH
YPS1210F12	YPS1210F12V	BSP 1/2

TYPE **YM12**

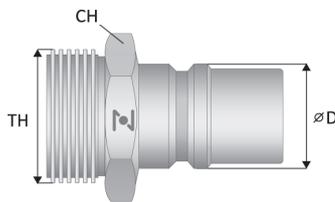
FEMALE THREAD **PLUG**



FULL FLOW YM12F12	SHUT-OFF VALVE YM12F12V	MOULD EQUIP. YM12	DIMENSIONS		
			TH	ØD	CH
			BSP 1/2	24	24

TYPE **YM12**

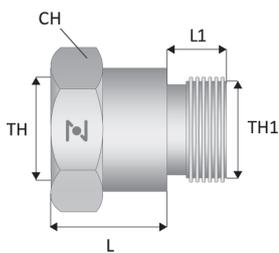
MALE THREAD **PLUG**



FULL FLOW YM12M34	SHUT-OFF VALVE YM12M34V	MOULD EQUIP. YM12	DIMENSIONS			
			TH	ØD	CH	L
			BSP 3/4	28	24	11

TYPE **YM12**

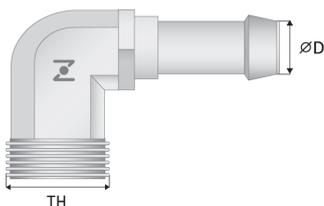
FEMALE / MALE 1/2" BSP **EXTENSION**



REFERENCE YE12MF12	MOULD EQUIP. YM12	DIMENSIONS				
		TH	TH1	CH	L	L1
		BSP 1/2	BSP 1/2	27	45	22

TYPE **YM12**

ELBOW FOR FLEXIBLE HOSE **ELBOW**

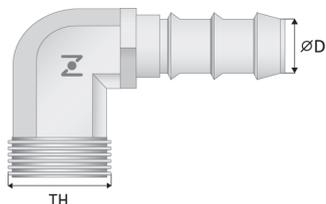


REFERENCE	MOULD EQUIP.	HOSE	TH
YE1212M13	YM12	13	BSP 1/2
YE1212M16	YM12	16	BSP 1/2

**NEED CLAMP**

### TYPE YM12

### ELBOW FOR PUSH-LOCK **ELBOW**

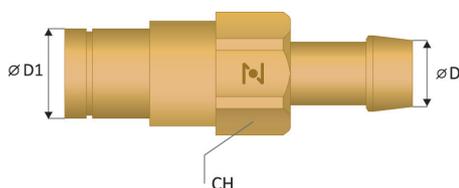


REFERENCE	MOULD EQUIP.	ØD	TH
YE1212ML13	YM12	13	BSP 1/2
YE1212ML16	YM12	16	BSP 1/2

**! NO CLAMP NEEDED**

### TYPE YP12

### PRESS SOCKET FOR FLEXIBLE HOSE **SOCKET**

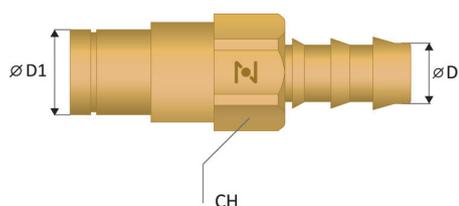


FULL FLOW	SHUT-OFF VALVE	PRESS EQUIP.	DIMENSIONS		
			ØD	ØD1	CH
YPS12M13	YPS12M13V	YP12	13	24	27
YPS12M16	YPS12M16V	YP12	16	24	27

**! NEED CLAMP**

### TYPE YP12

### PRESS SOCKET FOR PUSH-LOCK HOSE **SOCKET**

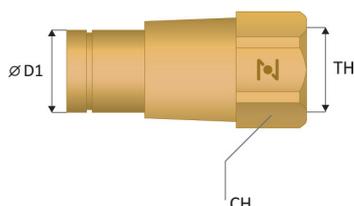


FULL FLOW	SHUT-OFF VALVE	PRESS EQUIP.	DIMENSIONS		
			ØD	ØD1	CH
YPS12ML13	YPS12ML13V	YP12	13	24	27
YPS12ML16	YPS12ML16V	YP12	16	24	27

**! NO CLAMP NEEDED**

### TYPE YP12

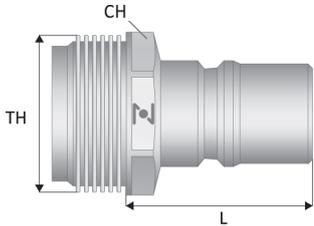
### PRESS SOCKET FEMALE THREAD **SOCKET**



FULL FLOW	SHUT-OFF VALVE	PRESS EQUIP.	DIMENSIONS		
			TH	ØD1	CH
YPS12F12	YPS12F12V	YP12	BSP 1/2	24	27

TYPE **YM16**

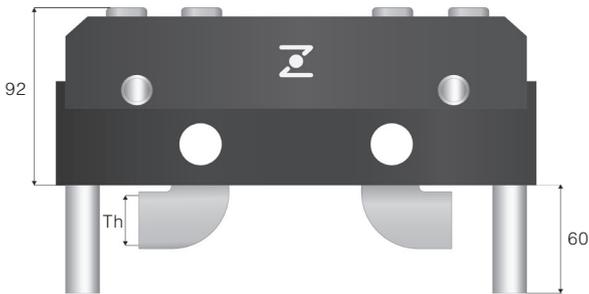
MALE THREAD **PLUG**



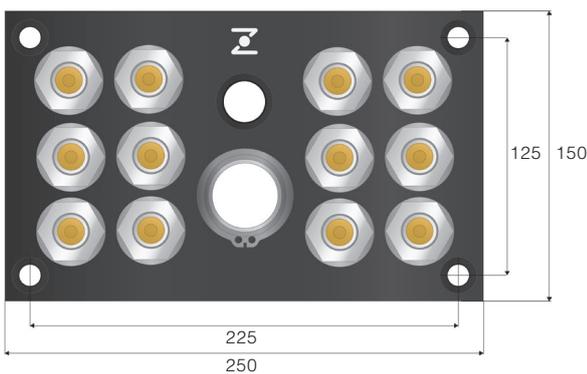
 <b>FULL FLOW</b>	 <b>SHUT-OFF VALVE</b>	<b>DIMENSIONS</b>		
		<b>TH</b>	<b>CH</b>	<b>L</b>
YSM16M1	YSM16M1V	BSP 1	36	39

TYPE **YM16**

MOULD EQUIPMENTS WITH COUPLINGS **MOULD PLATE 6/6 CIRCUITS**



<b>PLATE WITH PLUGS</b>		
 <b>FULL FLOW</b>	 <b>SHUT-OFF VALVE</b>	<b>TH</b>
YSM1612B	YSM1612BV	BSP 3/4





## HYDRAULIC MULTICOUPLINGS

### USING AREA

- On steam line
- Injection moulding industries
- Core pullers
- Test units

### DESCRIPTION

- High-performance hand plates offer excellent performance with a high flow rate and fluid speed involving high pressure.
- These plates are equipped so that there is no oil spillage on the mold during disconnection.

### TYPE MH8

### MOULD EQUIPMENTS WITH COUPLINGS **MOULD PLATE 1/1 CIRCUITS**

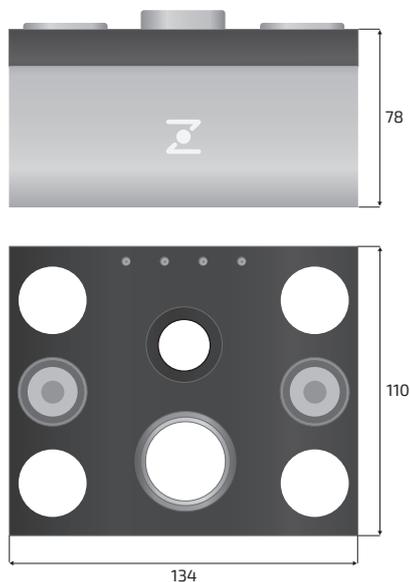


PLATE WITH 2 COUPLINGS	
REFERENCE	FEMALE THREAD
MH8.02RF38	BSP 3/8
MH8.02RF12	BSP 1/2
MH8.02RFN38	NPT 3/8
MH8.02RFN12	NPT 1/2

### TYPE PH8

### PRESS EQUIPMENT WITH COUPLINGS **MOBILE PLATE 1/1 CIRCUITS**

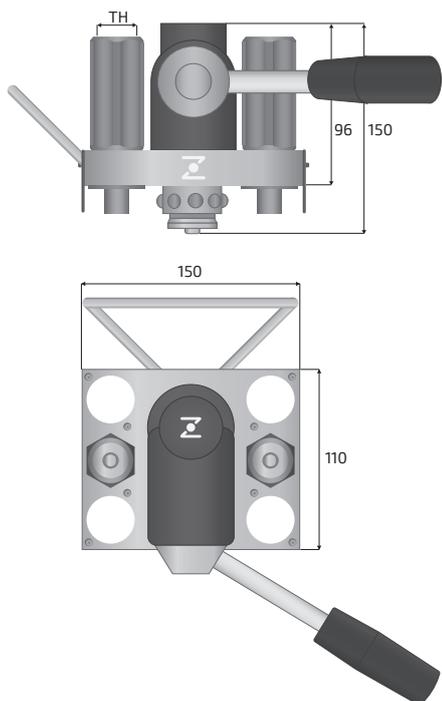


PLATE WITH 2 COUPLINGS	
REFERENCE	FEMALE THREAD
PH8.02RF38	BSP 3/8
PH8.02RF12	BSP 1/2
PH8.02RFN38	NPT 3/8
PH8.02RFN12	NPT 1/2

**TYPE MH8**

MOULD EQUIPMENTS WITH COUPLINGS **MOULD PLATE 2/2 CIRCUITS**

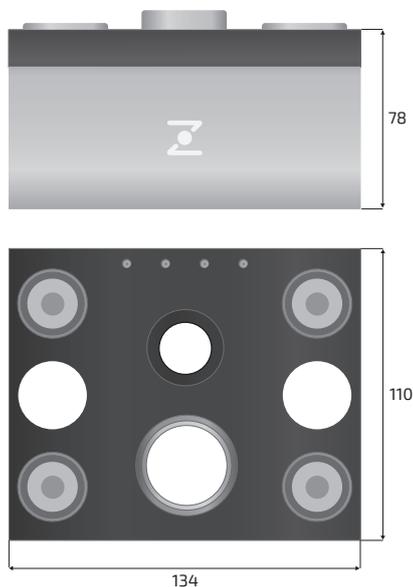


PLATE WITH 4 COUPLINGS	
REFERENCE	FEMALE THREAD
MH8.04RF38	BSP 3/8
MH8.04RF12	BSP 1/2
MH8.04RFN38	NPT 3/8
MH8.04RFN12	NPT 1/2

**TYPE PH8**

PRESS EQUIPMENT WITH COUPLINGS **MOBILE PLATE 2/2 CIRCUITS**

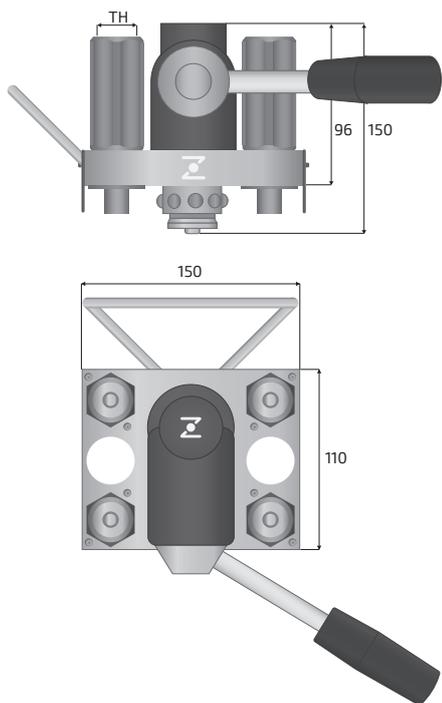


PLATE WITH 4 COUPLINGS	
REFERENCE	FEMALE THREAD
PH8.04RF38	BSP 3/8
PH8.04RF12	BSP 1/2
PH8.04RFN38	NPT 3/8
PH8.04RFN12	NPT 1/2

**TYPE MH8**

MOULD EQUIPMENTS WITH COUPLINGS **MOULD PLATE 3/3 CIRCUITS**

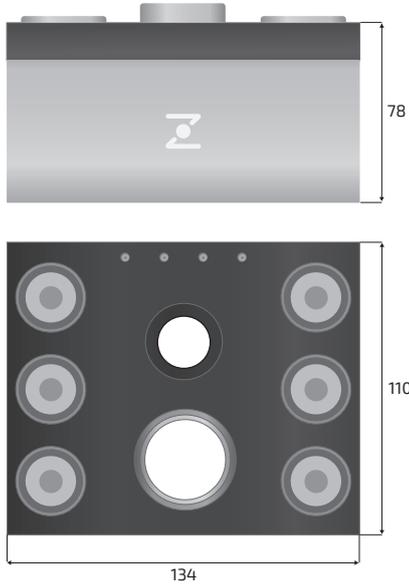


PLATE WITH 6 COUPLINGS	
REFERENCE	FEMALE THREAD
MH8.06RF38	BSP 3/8
MH8.06RF12	BSP 1/2
MH8.06RFN38	NPT 3/8
MH8.06RFN12	NPT 1/2

**TYPE PH8**

PRESS EQUIPMENT WITH COUPLINGS **MOBILE PLATE 3/3 CIRCUITS**

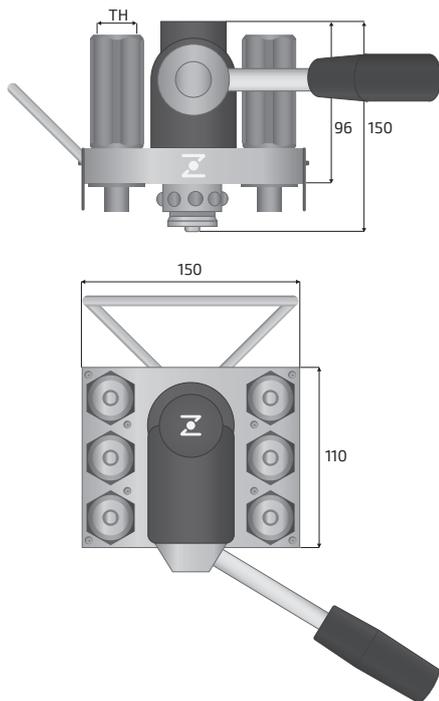


PLATE WITH 6 COUPLINGS	
REFERENCE	FEMALE THREAD
PH8.06RF38	BSP 3/8
PH8.06RF12	BSP 1/2
PH8.06RFN38	NPT 3/8
PH8.06RFN12	NPT 1/2

TYPE **MHR8**

MOULD EQUIPMENTS WITH COUPLINGS **MOULD PLATE 1/1 CIRCUITS**

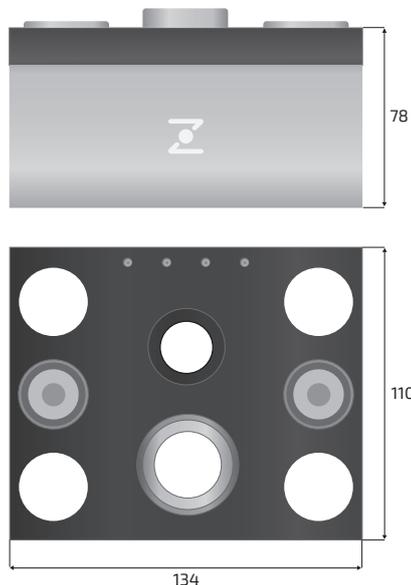


PLATE WITH 2 COUPLINGS	
REFERENCE	FEMALE THREAD
MHR8.02RF38	BSP 3/8
MHR8.02RF12	BSP 1/2
MHR8.02RFN38	NPT 3/8
MHR8.02RFN12	NPT 1/2

TYPE **PHR8**

PRESS EQUIPMENT WITH COUPLINGS **MOBILE PLATE 1/1 CIRCUITS**

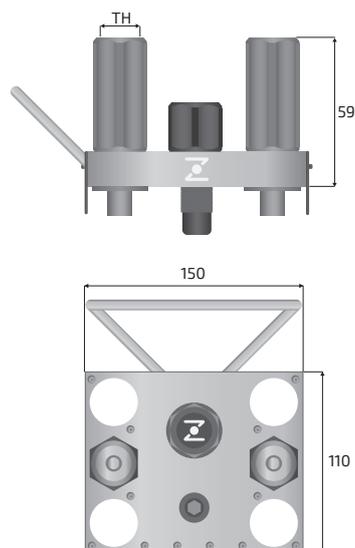


PLATE WITH 2 COUPLINGS	
REFERENCE	FEMALE THREAD
PHR8.02RF38	BSP 3/8
PHR8.02RF12	BSP 1/2
PHR8.02RFN38	NPT 3/8
PHR8.02RFN12	NPT 1/2

### TYPE MHR8

### MOULD EQUIPMENTS WITH COUPLINGS **MOULD PLATE 2/2 CIRCUITS**

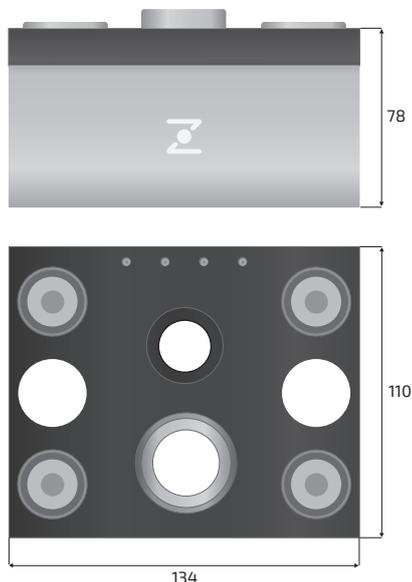


PLATE WITH 4 COUPLINGS	
REFERENCE	FEMALE THREAD
MHR8.04RF38	BSP 3/8
MHR8.04RF12	BSP 1/2
MHR8.04RFN38	NPT 3/8
MHR8.04RFN12	NPT 1/2

### TYPE PHR8

### PRESS EQUIPMENT WITH COUPLINGS **MOBILE PLATE 2/2 CIRCUITS**

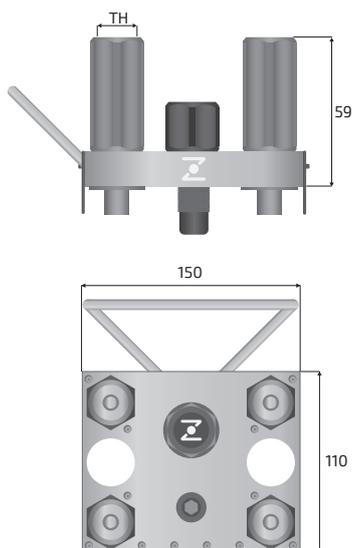


PLATE WITH 4 COUPLINGS	
REFERENCE	FEMALE THREAD
PHR8.04RF38	BSP 3/8
PHR8.04RF12	BSP 1/2
PHR8.04RFN38	NPT 3/8
PHR8.04RFN12	NPT 1/2

TYPE **MHR8**

MOULD EQUIPMENTS WITH COUPLINGS **MOULD PLATE 3/3 CIRCUITS**

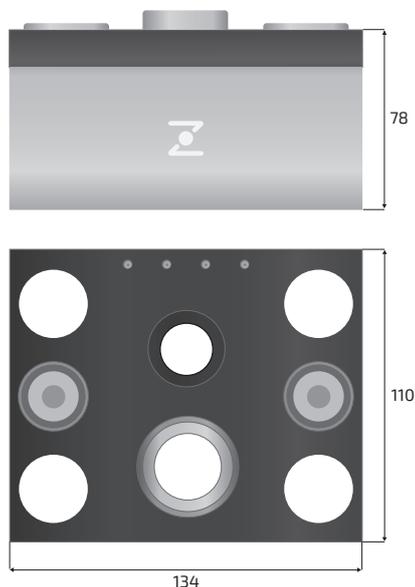


PLATE WITH 6 COUPLINGS	
REFERENCE	FEMALE THREAD
MHR8.06RF38	BSP 3/8
MHR8.06RF12	BSP 1/2
MHR8.06RFN38	NPT 3/8
MHR8.06RFN12	NPT 1/2

TYPE **PHR8**

PRESS EQUIPMENT WITH COUPLINGS **MOBILE PLATE 3/3 CIRCUITS**

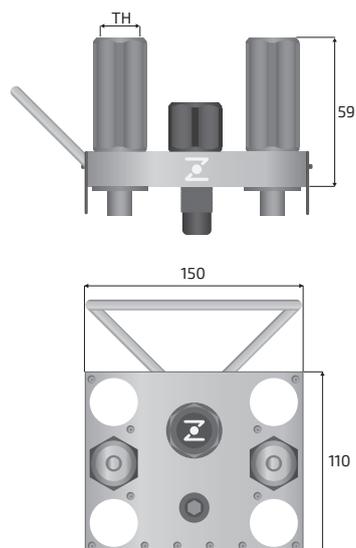


PLATE WITH 6 COUPLINGS	
REFERENCE	FEMALE THREAD
PHR8.06RF38	BSP 3/8
PHR8.06RF12	BSP 1/2
PHR8.06RFN38	NPT 3/8
PHR8.06RFN12	NPT 1/2

### TYPE MH9

### MOULD EQUIPMENTS WITH COUPLINGS **MOULD PLATE 1/1 CIRCUITS**

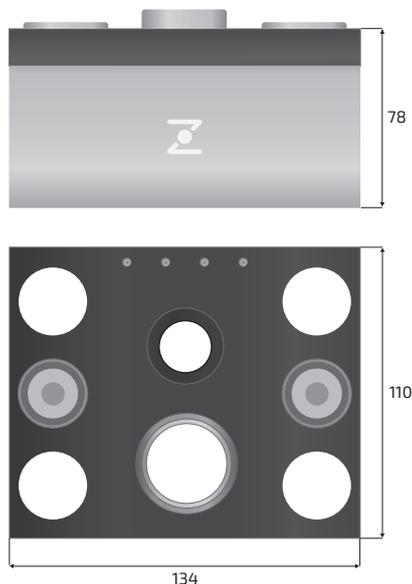


PLATE WITH 2 COUPLINGS	
REFERENCE	FEMALE THREAD
MH9.02RF38	BSP 3/8
MH9.02RF12	BSP 1/2
MH9.02RFN38	NPT 3/8
MH9.02RFN12	NPT 1/2

### TYPE PH9

### PRESS EQUIPMENT WITH COUPLINGS **MOBILE PLATE 1/1 CIRCUITS**

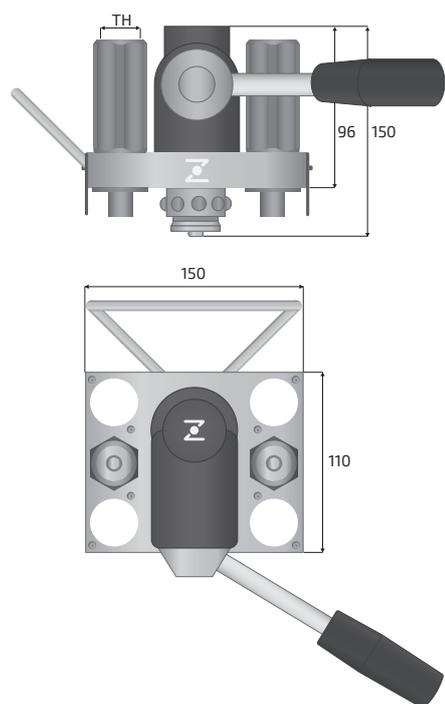


PLATE WITH 2 COUPLINGS	
REFERENCE	FEMALE THREAD
PH9.02RF38	BSP 3/8
PH9.02RF12	BSP 1/2
PH9.02RFN38	NPT 3/8
PH9.02RFN12	NPT 1/2

**TYPE MH9**

MOULD EQUIPMENTS WITH COUPLINGS **MOULD PLATE 2/2 CIRCUITS**

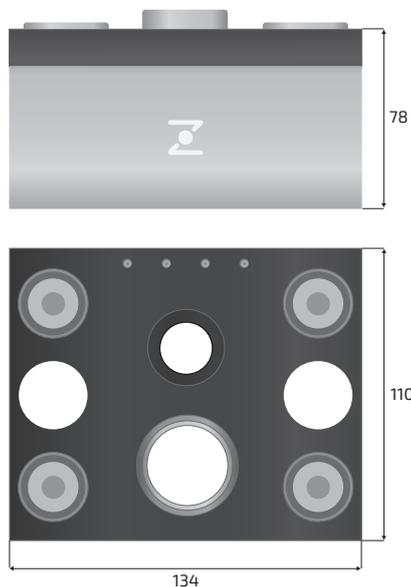


PLATE WITH 4 COUPLINGS	
REFERENCE	FEMALE THREAD
MH9.04RF38	BSP 3/8
MH9.04RF12	BSP 1/2
MH9.04RFN38	NPT 3/8
MH9.04RFN12	NPT 1/2

**TYPE PH9**

PRESS EQUIPMENT WITH COUPLINGS **MOBILE PLATE 2/2 CIRCUITS**

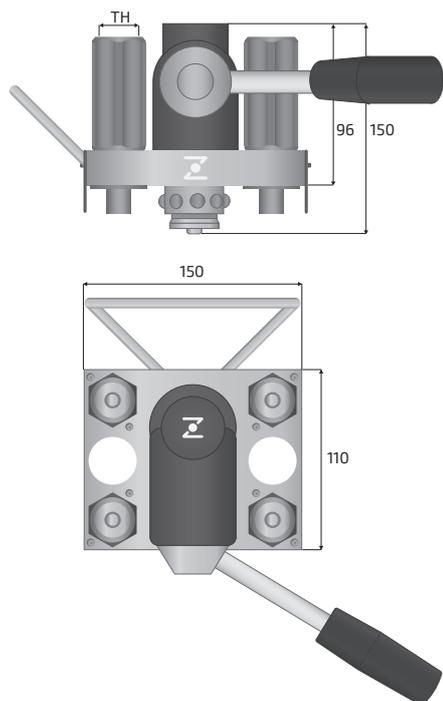


PLATE WITH 4 COUPLINGS	
REFERENCE	FEMALE THREAD
PH9.04RF38	BSP 3/8
PH9.04RF12	BSP 1/2
PH9.04RFN38	NPT 3/8
PH9.04RFN12	NPT 1/2

### TYPE MH9

### MOULD EQUIPMENTS WITH COUPLINGS **MOULD PLATE 3/3 CIRCUITS**

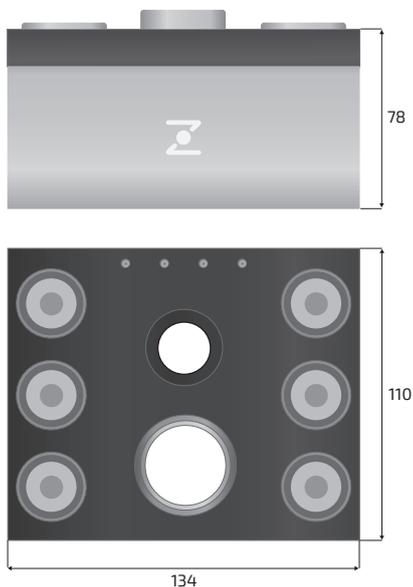


PLATE WITH 6 COUPLINGS	
REFERENCE	FEMALE THREAD
MH906RF38	BSP 3/8
MH9.06RF12	BSP 1/2
MH9.06RFN38	NPT 3/8
MH9.06RFN12	NPT 1/2

### TYPE PH9

### PRESS EQUIPMENT WITH COUPLINGS **MOBILE PLATE 3/3 CIRCUITS**

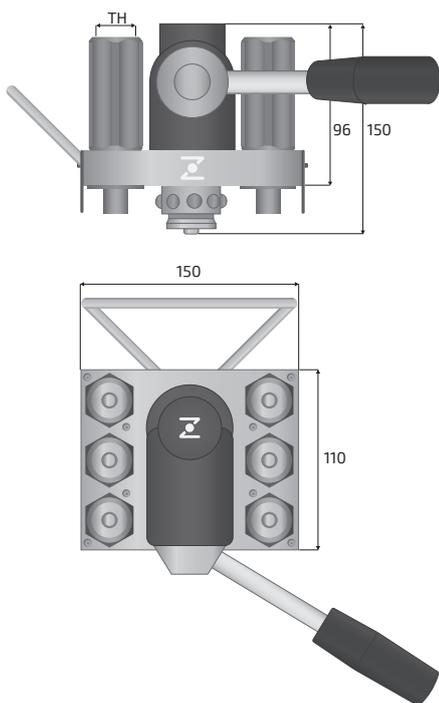


PLATE WITH 6 COUPLINGS	
REFERENCE	FEMALE THREAD
PH9.06RF38	BSP 3/8
PH9.06RF12	BSP 1/2
PH9.06RFN38	NPT 3/8
PH9.06RFN12	NPT 1/2

TYPE **MHR9**

MOULD EQUIPMENTS WITH COUPLINGS **MOULD PLATE 1/1 CIRCUITS**

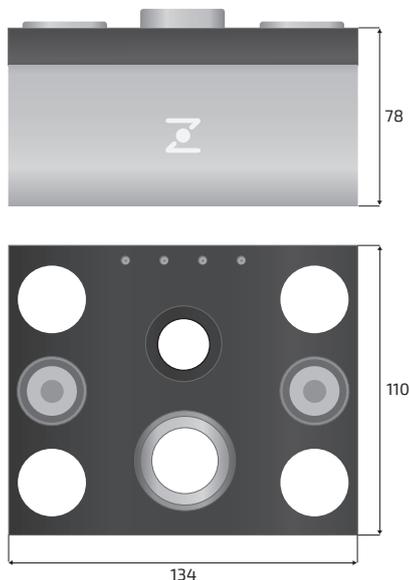


PLATE WITH 2 COUPLINGS	
REFERENCE	FEMALE THREAD
MHR9.02RF38	BSP 3/8
MHR9.02RF12	BSP 1/2
MHR9.02RFN38	NPT 3/8
MHR9.02RFN12	NPT 1/2

TYPE **PHR9**

PRESS EQUIPMENT WITH COUPLINGS **MOBILE PLATE 1/1 CIRCUITS**

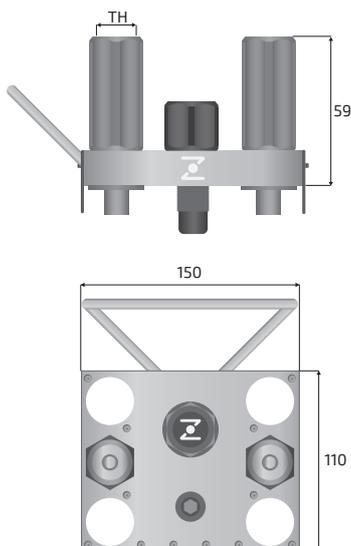


PLATE WITH 2 COUPLINGS	
REFERENCE	FEMALE THREAD
PHR9.02RF38	BSP 3/8
PHR9.02RF12	BSP 1/2
PHR9.02RFN38	NPT 3/8
PHR9.02RFN12	NPT 1/2

### TYPE MHR9

### MOULD EQUIPMENTS WITH COUPLINGS **MOULD PLATE 2/2 CIRCUITS**

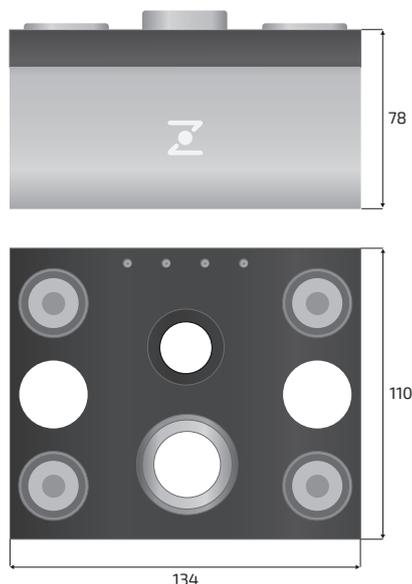


PLATE WITH 4 COUPLINGS	
REFERENCE	FEMALE THREAD
MHR9.04RF38	BSP 3/8
MHR9.04RF12	BSP 1/2
MHR9.04RFN38	NPT 3/8
MHR9.04RFN12	NPT 1/2

### TYPE PHR9

### PRESS EQUIPMENT WITH COUPLINGS **MOBILE PLATE 2/2 CIRCUITS**

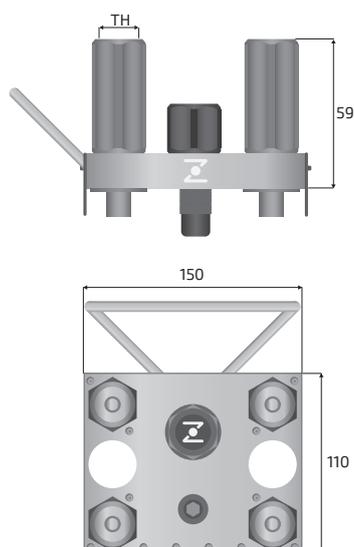


PLATE WITH 4 COUPLINGS	
REFERENCE	FEMALE THREAD
PHR904RF38	BSP 3/8
PHR9.04RF12	BSP 1/2
PHR9.04RFN38	NPT 3/8
PHR9.04RFN12	NPT 1/2

TYPE **MHR9**

MOULD EQUIPMENTS WITH COUPLINGS **MOULD PLATE 3/3 CIRCUITS**

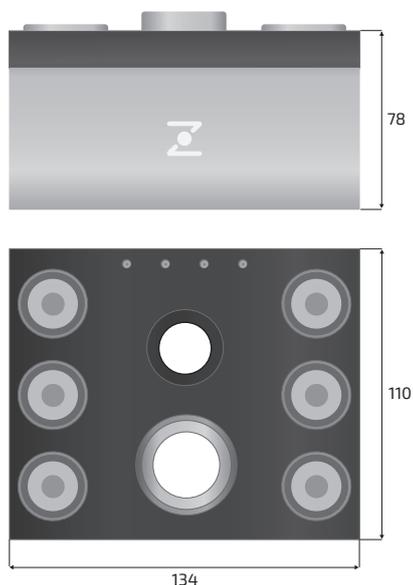


PLATE WITH 6 COUPLINGS	
REFERENCE	FEMALE THREAD
MHR9.06RF38	BSP 3/8
MHR9.06RF12	BSP 1/2
MHR9.06RFN38	NPT 3/8
MHR9.06RFN12	NPT 1/2

TYPE **PHR9**

PRESS EQUIPMENT WITH COUPLINGS **MOBILE PLATE 3/3 CIRCUITS**

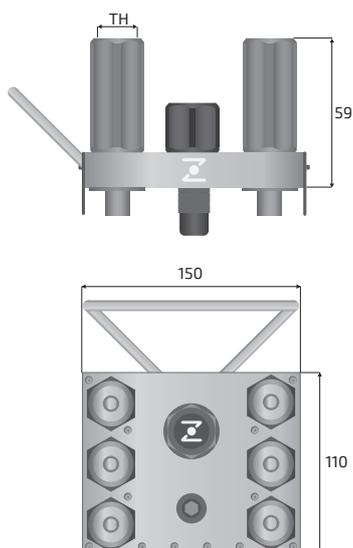


PLATE WITH 6 COUPLINGS	
REFERENCE	FEMALE THREAD
PHR9.06RF38	BSP 3/8
PHR9.06RF12	BSP 1/2
PHR9.06RFN38	NPT 3/8
PHR9.06RFN12	NPT 1/2



## MOULD COOLING **PRODUCTS**

### USING AREA

- On steam line
- On temperature regulation applications with hot or cold water, oil
- Injection moulding industrie
- On cooling system off plastic, zamak, brass and aluminium.
- In other industries in general

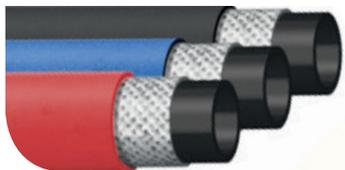
### DESCRIPTION

- The temperature control of molds in injection presses is a crucial point when you manufacture plastics and especially new high-tech plastics.
- Therefore, it is very important to equip the hot and cold water circuits with suitable water connections.

**ZonaCentro** has a varied line of mold couplings at your disposal.

### TYPE **MLH**

### PUSH-LOCK **HOSES**



#### DESCRIPTION

- Easy Assembly
- No Clamp Needed
- Used in cooling circuits
- Available in 3 colors

#### APPLICATIONS

Multipurpose rubber hose, with use of push lock system of terminals. Used in equipment that uses these systems.

The use of clamps is not necessary if used with Push Lock terminals. Material:

Multipurpose internal synthetic rubber, resistant to oil, air, water. Reinforcement of a special polyester braid. Cover with fireproof property, resistant to abrasion, oils and weathering.

Surface:

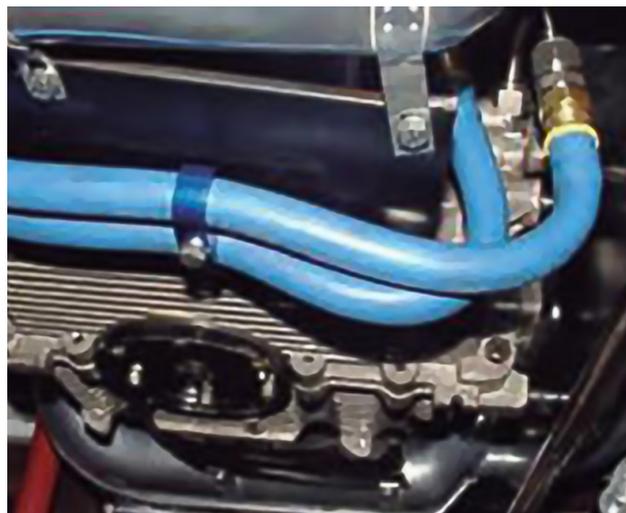
Smooth, flame resistant, and in red, black and blue colors.

BRAID LOCK - PUSH ON HOSE - WP 20 BAR (300PSI)

NON CONDUCTIVE - FLAME RESISTANT COVER

Temperature Range: -40C to + 90C

WORKING TEMPERATURE RANGES		
WATER	- 20° C	+ 90° C
AIR	- 20° C	+ 90° C



**APPLICATION:** Multipurpose in the industry, for use with Push Lock type couplings, and conduction of air, water and oils.



Couplings Push Lock

REFERENCES			Ø INSIDE	Ø OUTSIDE	MAX. WORKING PRESSURE		BURSTING PRESSURE	
RED	BLUE	BLACK			BAR	PSI	BAR	PSI
ML10R	ML10B	ML10BK	10	16	20	300	82	1200
ML13R	ML13B	ML13BK	12	19	20	300	82	1200
ML16R	ML16B	ML16BK	16	23	20	300	82	1200

### TYPE **HC**

### HOSE **CLAMPS**



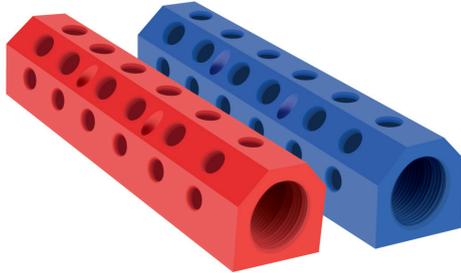
REFERENCE	HOSE SIZE
AO1417	14 - 17
AO1821	18 - 21
AO2023	20 - 23
AO2327	23 - 27
AO2528	25 - 28



REFERENCE	HOSE SIZE
ASF816	8 - 16
ASF1222	12 - 22
ASF1627	16 - 27
ASF2032	20 - 32
ASF2540	25 - 40

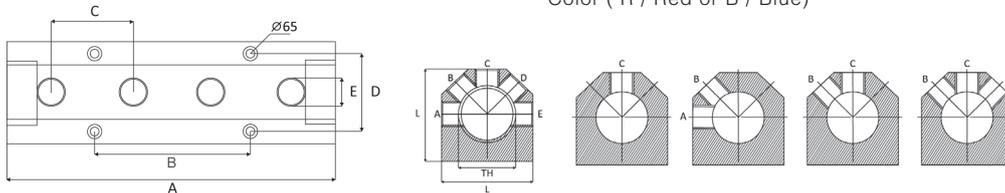
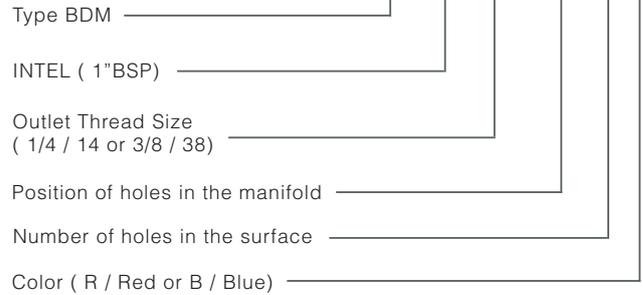
TYPE **BDM**

MANIFOLD **DISTRIBUTOR**



EXAMPLE CODE

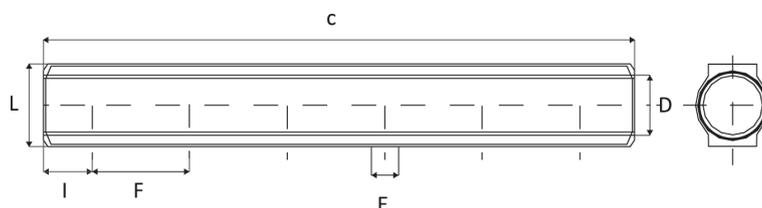
**BDM 1 E38 ACE 4 B**



T Inlet Thread	Ød Outlet Thread	Number of Holes on one Surface	L								L1								L2	L3	H
			A	C	AC	BD	ACE	ABC	BCD	ABCDE	A	C	AC	BD	ACE	ABC	BCD	ABCDE			
3/4	1/4	2	74								0								35	31	44.5
		4	132								124										
		6	194								62										
		8	256								186										
	3/8	2	90		110		0		0		35	40	44.5								
		4	165		190   200		80		100												
		6	245		270   290		160		180												
		8	325		350		240		260												
1	1/4	2	103								0								38	40	51
		4	263								160										
		6	183								80										
		8	343								240										
	3/8	2	103		123		0		0		38	40	51								
		4	183		210		80		100												
		6	263		290		160		180												
		8	343		370		240		260												
1-1/4	1/4 - 3/8 - 1/2	2	152								0								50	51	66
		4	355								203.2										
		6	254								101.6										
		8	457								304.8										
1-1/2	1/4 - 3/8 - 1/2	2	152								0								57	51	76
		4	254								203.2										
		6	355								101.6										
		8	457								304.8										
	3/4	2	164.5		164.5		0		0		50	63.5	76								
		4	254		254		102		102												
		6	417.5		544.5		254		381												
		8	457		457		306		306												
2	3/8 - 1/2 - 3/4	2	178								0								72.5	63.5	89
		4	432								254										
		6	305								127										
		8	559								381										

### TYPE DM

### MANIFOLD DISTRIBUTOR



REFERENCE	C	D x E	F	I	L
DM1x38E2	80	1 x 3/8	35	23	41
DM1x38E3	115	1 x 3/8	35	23	41
DM1x38E4	150	1 x 3/8	35	23	41
DM1x38E5	185	1 x 3/8	35	23	41
DM1x38E6	220	1 x 3/8	35	23	41
DM1x38E7	225	1 x 3/8	35	23	41
DM1x38E8	290	1 x 3/8	35	23	41
DM1x38E9	325	1 x 3/8	35	23	41
DM1x38E10	360	1 x 3/8	35	23	41
DM1x38E11	395	1 x 3/8	35	23	41
DM1x38E12	430	1 x 3/8	35	23	41

REFERENCE	C	D x E	F	I	L
DM1x12E2	99	1 x 1/2	50	25	42
DM1x12E3	149	1 x 1/2	50	25	42
DM1x12E4	199	1 x 1/2	50	25	42
DM1x12E5	249	1 x 1/2	50	25	42
DM1x12E6	299	1 x 1/2	50	25	42
DM1x12E7	349	1 x 1/2	50	25	42
DM1x12E8	399	1 x 1/2	50	25	42
DM1x12E9	449	1 x 1/2	50	25	42
DM1x12E10	499	1 x 1/2	50	25	42
DM1x12E11	549	1 x 1/2	50	25	42
DM1x12E12	599	1 x 1/2	50	25	42

REFERENCE	C	D x E	F	I	L
DM114x12E2	99	1 1/4 x 1/2	50	25	51
DM114x12E3	149	1 1/4 x 1/2	50	25	51
DM114x12E4	199	1 1/4 x 1/2	50	25	51
DM114x12E5	249	1 1/4 x 1/2	50	25	51
DM114x12E6	299	1 1/4 x 1/2	50	25	51
DM114x12E7	349	1 1/4 x 1/2	50	25	51
DM114x12E8	399	1 1/4 x 1/2	50	25	51
DM114x12E9	449	1 1/4 x 1/2	50	25	51
DM114x12E10	499	1 1/4 x 1/2	50	25	51
DM114x12E11	549	1 1/4 x 1/2	50	25	51
DM114x12E12	599	1 1/4 x 1/2	50	25	51

TYPE **TD**

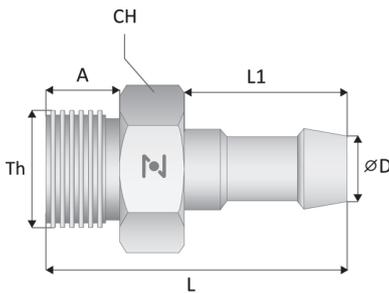
PRESSURE **PLUG**



REFERENCE	TH
TDM12	BSP 1/2
TDM34	BSP 3/4
TDM1	BSP 1
TDM114	BSP 1 1/4

TYPE **MF**

FLEXIBLE HOSE **ADAPTER MALE**

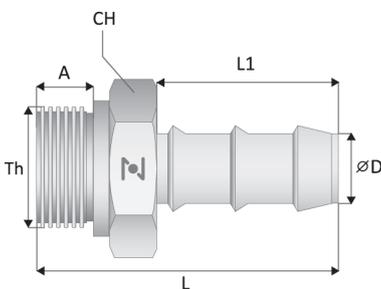


REFERENCE	ØD		TH	A	CH	L	L1
M10N18	10	3/8	BSP 1/8	8	14	43	28
M10N14	10	3/8	BSP 1/4	10	16	42	22
M13N14	13	1/2	BSP 1/4	11	17	46	37
M10N38	10	3/8	BSP 3/8	12	19	47	28
M13N38	13	1/2	BSP 3/8	12	19	52	32
M16N38	16	5/8	BSP 3/8	12	19	52	33
M13N12	13	1/2	BSP 1/2	14	22	54	33
M16N12	16	5/8	BSP 1/2	14	22	54	33
M16N34	16	5/8	BSP 3/4	16	30	58	33

 **NEED CLAMP**

TYPE **ML**

PUSH-LOCK HOSE **ADAPTER MALE**



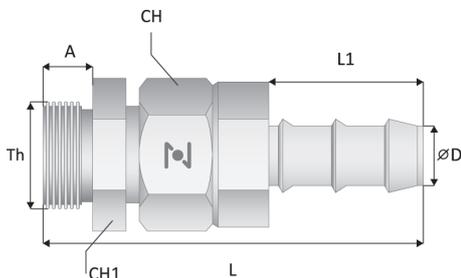
REFERENCE	ØD		TH	A	CH	L	L1
ML10N14	10	3/8	BSP 1/4	9	19	41	25
ML13N14	13	1/2	BSP 1/4	9	19	49	29
ML10N38	10	3/8	BSP 3/8	9	22	42	25
ML13N38	13	1/2	BSP 3/8	10	22	49	29
ML16N38	16	5/8	BSP 3/8	10	22	57	37
ML13N12	13	1/2	BSP 1/2	11	27	50	29
ML16N12	16	5/8	BSP 1/2	11	27	57	37

 **NO CLAMP NEEDED WITH O-RING**

### TYPE SO

→ FULL FLOW

PUSH-LOCK HOSE MALE THREAD **PLUG**



NO CLAMP NEEDED

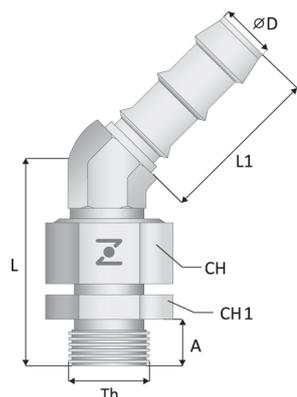


REFERENCE	TH	ØD	A	L	L1	CH	CH1
OA10R14	BSP 1/4	10	9	63	25	22	22
OA10R38	BSP 3/8	10	9	63	25	22	22
OA10R12	BSP 1/2	10	9	63	25	22	22
OA10R34	BSP 3/4	10	9	63	25	22	27
OA13R14	BSP 1/4	13	9	63	25	22	22
OA13R38	BSP 3/8	13	9	66	29	22	22
OA13R12	BSP 1/2	13	9	66	29	22	22
OA13R34	BSP 3/4	13	9	66	29	22	27
OA16R14	BSP 1/4	16	9	63	36	22	22
OA16R38	BSP 3/8	16	9	75	36	22	22
OA16R12	BSP 1/2	16	9	75	36	22	22
OA16R34	BSP 3/4	16	9	75	36	22	27

### TYPE SO

→ FULL FLOW

PUSH-LOCK HOSE MALE THREAD **PLUG 45°**



NO CLAMP NEEDED

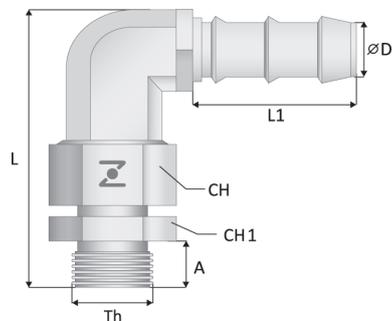


REFERENCE	TH	ØD	A	L	L1	CH	CH1
OAB10R14	BSP 1/4	10	9	47	25	22	22
OAB10R38	BSP 3/8	10	9	47	25	22	22
OAB10R12	BSP 1/2	10	9	47	25	22	22
OAB10R34	BSP 3/4	10	9	47	25	22	27
OAB13R14	BSP 1/4	13	9	47	25	22	22
OAB13R38	BSP 3/8	13	9	47	29	22	22
OAB13R12	BSP 1/2	13	9	47	29	22	22
OAB13R34	BSP 3/4	13	9	47	29	22	27
OAB16R14	BSP 1/4	16	9	47	36	22	22
OAB16R38	BSP 3/8	16	9	47	36	22	22
OAB16R12	BSP 1/2	16	9	47	36	22	22
OAB16R34	BSP 3/4	16	9	47	36	22	27

### TYPE SO

→ FULL FLOW

PUSH-LOCK HOSE MALE THREAD **PLUG 90°**



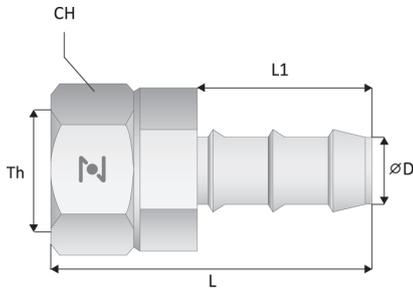
NO CLAMP NEEDED

REFERENCE	TH	ØD	A	L	L1	CH	CH1
OAC10R14	BSP 1/4	10	9	54	25	22	22
OAC10R38	BSP 3/8	10	9	54	25	22	22
OAC10R12	BSP 1/2	10	9	54	25	22	22
OAC10R34	BSP 3/4	10	9	54	25	22	27
OAC13R14	BSP 1/4	13	9	54	25	22	22
OAC13R38	BSP 3/8	13	9	54	29	22	22
OAC13R12	BSP 1/2	13	9	54	29	22	22
OAC13R34	BSP 3/4	13	9	54	29	22	27
OAC16R14	BSP 1/4	16	9	54	36	22	22
OAC16R38	BSP 3/8	16	9	54	36	22	22
OAC16R12	BSP 1/2	16	9	54	36	22	22
OAC16R34	BSP 3/4	16	9	54	36	22	27

**TYPE SO**

→ FULL FLOW

PUSH-LOCK HOSE FEMALE THREAD **PLUG**



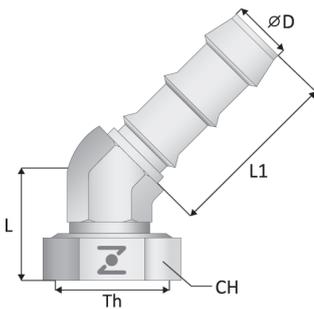
REFERENCE	TH	ØD	L	L1	CH
OA10F38	BSP 3/8	10	46,5	25	22
OA10F34	BSP 3/4	10	50	25	27
OA13F38	BSP 3/8	13	49,5	29	22
OA13F34	BSP 3/4	13	53	29	27
OA16F38	BSP 3/8	16	58,5	36	22
OA16F34	BSP 3/4	16	62	36	27

**⚠ NO CLAMP NEEDED**

**TYPE SO**

→ FULL FLOW

PUSH-LOCK HOSE FEMALE THREAD **PLUG 45°**



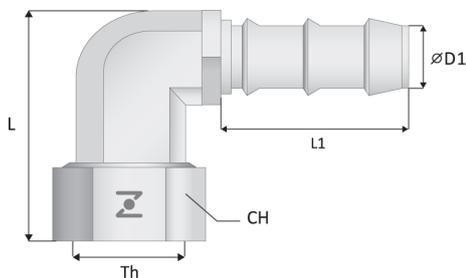
REFERENCE	TH	ØD	L	L1	CH
OAB10F38	BSP 3/8	10	28	25	22
OAB10F34	BSP 3/4	10	32	25	30
OAB13F38	BSP 3/8	13	28	29	22
OAB13F34	BSP 3/4	13	32	29	30
OAB16F38	BSP 3/8	16	28	36	22
OAB16F34	BSP 3/4	16	32	36	30

**⚠ NO CLAMP NEEDED**

**TYPE SO**

→ FULL FLOW

PUSH-LOCK HOSE FEMALE THREAD **PLUG 90°**



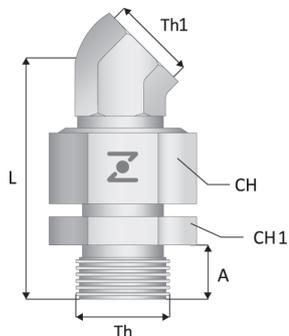
REFERENCE	TH	ØD	L	L1	CH
OAC10F38	BSP 3/8	10	37	25	22
OAC10F34	BSP 3/4	10	41	25	27
OAC13F38	BSP 3/8	13	37	29	22
OAC13F34	BSP 3/4	13	41	29	27
OAC16F38	BSP 3/8	16	37	36	22
OAC16F34	BSP 3/4	16	41	36	27

**⚠ NO CLAMP NEEDED**

### TYPE SO

→ FULL FLOW

FEMALE THREAD **PLUG 45°**

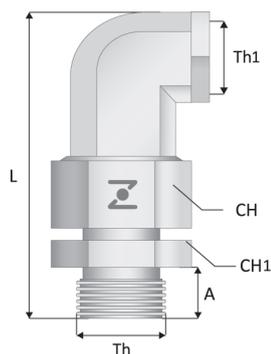


REFERENCE	TH	TH1	A	L	CH	CH1
OABF14R14	BSP 1/4	BSP 1/4	9	47	22	22
OABF14R38	BSP 1/4	BSP 3/8	9	47	22	22
OABF38R14	BSP 3/8	BSP 1/4	9	47	22	22
OABF38R38	BSP 3/8	BSP 3/8	9	47	22	22
OABF12R14	BSP 1/2	BSP 1/4	9	47	22	22
OABF12R38	BSP 1/2	BSP 3/8	9	47	22	22
OABF34R14	BSP 3/4	BSP 1/4	9	47	22	27
OABF34R38	BSP 3/4	BSP 3/8	9	47	22	27

### TYPE SO

→ FULL FLOW

FEMALE THREAD **PLUG 90°**



REFERENCE	TH	TH1	A	L	L1	CH	CH1
OACF14R14	BSP 1/4	BSP 1/4	9	54	25	22	22
OACF14R38	BSP 1/4	BSP 3/8	9	54	25	22	22
OACF38R14	BSP 3/8	BSP 1/4	9	54	25	22	22
OACF38R38	BSP 3/8	BSP 3/8	9	54	25	22	22
OACF12R14	BSP 1/2	BSP 1/4	9	54	25	22	22
OACF12R38	BSP 1/2	BSP 3/8	9	54	25	22	22
OACF34R14	BSP 3/4	BSP 1/4	9	54	25	22	27
OACF34R38	BSP 3/4	BSP 3/8	9	54	25	22	27

TYPE **JMF**

ELBOW MALE / FEMALE **ELBOW**



REFERENCE	THREAD	REFERENCE	THREAD
JMF1890	BSP 1/8	JMF3490	BSP 3/4
JMF1490	BSP 1/4	JMF190	BSP 1
JMF3890	BSP 3/8	JMF11490	BSP 1 1/4
JMF1290	BSP 1/2	JMF11290	BSP 1 1/2

TYPE **JF**

ELBOW FEMALE **ELBOW**



REFERENCE	THREAD	REFERENCE	THREAD
JFF1890	BSP 1/8	JFF3490	BSP 3/4
JFF1490	BSP 1/4	JFF190	BSP 1
JFF3890	BSP 3/8	JFF11490	BSP 1 1/4
JFF1290	BSP 1/2	JFF11290	BSP 1 1/2

TYPE **MNB**

NIPPLE MALE **NIPPLE**



BRASS	STEEL	THREAD	BRASS	STEEL	THREAD
MNB18	MNS18	BSP 1/8	MNB100	MNS100	BSP 1
MNB14	MNS14	BSP 1/4	MNB114	MNS114	BSP 1 1/4
MNB38	MNS38	BSP 3/8	MNB112	MNS112	BSP 1 1/2
MNB12	MNS12	BSP 1/2	MNB200	MNS200	BSP 2
MNB34	MNS34	BSP 3/4	-	-	-

TYPE **MR**

REDUCER MALE **REDUCER**



BRASS	STEEL	THREAD	BRASS	STEEL	THREAD
MRB1814	MRS1814	BSP 1/8 x 1/4	MRB3834	MRS3834	BSP 3/8 x 3/4
MRB1838	MRS1838	BSP 1/8 x 3/8	MRB1234	MRS1234	BSP 1/2 x 3/4
MRB1438	MRS1438	BSP 1/4 x 3/8	MRB341	MRS341	BSP 3/4 x 1
MRB1412	MRS1412	BSP 1/4 x 1/2	MRB1114	MRS1114	BSP 1 x 1 1/4
MRB3812	MRS3812	BSP 3/8 x 1/2	MRB114200	MRS114200	BSP 1 1/4 x 2

### TYPE RMF

### REDUCER MALE / FEMALE REDUCER



BRASS M / M	STEEL NIQUEL	THREAD		BRASS M / M	STEEL NIQUEL	THREAD	
		MALE	FEMALE			MALE	FEMALE
RM14F18	RM14F18N	BSP 1/4	BSP 1/8	RM34F38	RM34F38N	BSP 3/4	BSP 3/8
RM38F18	RM38F18N	BSP 3/8	BSP 1/8	RM34F12	RM34F12N	BSP 3/4	BSP 1/2
RM38F14	RM38F14N	BSP 3/8	BSP 1/4	RM1F38	RM1F38N	BSP 1	BSP 3/8
RM12F18	RM12F18N	BSP 1/2	BSP 1/8	RM1F12	RM1F12N	BSP 1	BSP 1/2
RM12F14	RM12F14N	BSP 1/2	BSP 1/4	RM1F34	RM1F34N	BSP 1	BSP 3/4
RM12F38	RM12F38N	BSP 1/2	BSP 3/8	-	-	-	-

### TYPE UMF

### UNION MALE / FEMALE UNION



BRASS	THREAD	BRASS	THREAD
UMF1818	BSP 1/8 x 1/8	UMF1412	BSP 1/4 x 1/2
UMF1814	BSP 1/8 x 1/4	UMF3838	BSP 3/8 x 3/8
UMF1838	BSP 1/8 x 3/8	UMF3812	BSP 3/8 x 1/2
UMF1414	BSP 1/4 x 1/4	UMF1212	BSP 1/2 x 1/2
UMF1438	BSP 1/4 x 3/8	UMF1234	BSP 1/2 x 3/4

### TYPE SSF

### STRAIGHT SWIVEL FITTINGS BSP



REFERENCE	TH (FEMALE/MALE)	REFERENCE	TH (FEMALE/MALE)
SMF14	BSP 1/4	SMF1	BSP 1
SMF38	BSP 3/8	SMF114	BSP 1.1/4
SMF12	BSP 1/2	SMF112	BSP 1.1/2
SMF34	BSP 3/4	SMF2	BSP 2

### TYPE SSF

### STRAIGHT SWIVEL FITTINGS 90° BSP

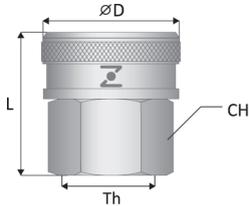


REFERENCE	TH (FEMALE/MALE)	REFERENCE	TH (FEMALE/MALE)
SMF1490	BSP 1/4	SMF190	BSP 1
SMF3890	BSP 3/8	SMF11490	BSP 1.1/4
SMF1290	BSP 1/2	SMF11290	BSP 1.1/2
SMF3490	BSP 3/4	SMF290	BSP 2

**TYPE SG**

→ FULL FLOW

QUICK COUPLINGS **SOCKET**

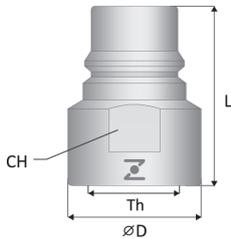


REFERENCE	TH (G)	ØD	CH	L
SG25FF1	BSP 1	57	46	57
SG33FF114	BSP 1 1/4	65	54	62

**TYPE PG**

→ FULL FLOW

QUICK COUPLINGS **PLUG**



REFERENCE	TH (G)	ØD	CH	L
PG25FM1	BSP 1	45	41	61
PG33FM114	BSP 1 1/4	55	50	66

**TYPE SM**

→ FULL FLOW

NAPLOCK COUPLINGS **MALE TYPE A PLUG**



REFERENCE			TH (G)
ALUMINIUM	STAINLESS STEEL	BRASS	
SAM34	SIM34	SBM34	BSP 3/4
SAM1	SIM1	SBM1	BSP 1
SAM114	SIM114	SBM114	BSP 1 1/4
SAM112	SIM112	SBM112	BSP 1 1/2
SAM2	SIM2	SBM2	BSP 2

**TYPE SF**

→ FULL FLOW

NAPLOCK COUPLINGS **FEMALE TYPE B SOCKET**



REFERENCE			TH (G)
ALUMINIUM	STAINLESS STEEL	BRASS	
SAF34	SAF34	SAF34	BSP 3/4
SAF1	SAF1	SAF1	BSP 1
SAF114	SAF114	SAF114	BSP 1 1/4
SAF112	SAF112	SAF112	BSP 1 1/2
SAF2	SAF2	SAF2	BSP 2

TYPE **WT**

MINI BALL VALVE MALE / FEMALE **BALL VALVE**



REFERENCE		TH (MALE/FEMALE)
RED	BLUE	
WT18MFR	WT18MFB	BSP 1/8
WT14MFR	WT14MFB	BSP 1/4
WT38MFR	WT38MFB	BSP 3/8
WT12MFR	WT12MFB	BSP 1/2
WT34MFR	WT34MFB	BSP 3/4

TYPE **WT**

MINI BALL VALVE FEMALE **BALL VALVE**



REFERENCE		TH (MALE/FEMALE)
RED	BLUE	
WT18FFR	WT18FFB	BSP 1/8
WT14FFR	WT14FFB	BSP 1/4
WT38FFR	WT38FFB	BSP 3/8
WT12FFR	WT12FFB	BSP 1/2
WT34FFR	WT34FFB	BSP 3/4

TYPE **VBH**

NAPLOCK COUPLINGS **MALE TYPE A PLUG**



REFERENCE	TH (MALE/FEMALE)	REFERENCE	TH (MALE/FEMALE)
VBH14F	BSP 1/4	VBH34F	BSP 3/4
VBH38F	BSP 3/8	VBH1F	BSP 1
VBH12F	BSP 1/2	-	-

TYPE **VBH**

NAPLOCK COUPLINGS **FEMALE TYPE B SOCKET**



REFERENCE	TH (MALE/FEMALE)	REFERENCE	TH (MALE/FEMALE)
VBH1M4F	BSP 1/4	VBH34MF	BSP 3/4
VBH38MF	BSP 3/8	VBH1MF	BSP 1
VBH12MF	BSP 1/2	-	-

TYPE **VLH**

LARGE HANDLE BALL VALVE FEMALE **BALL VALVE**



REFERENCE	TH (MALE/FEMALE)	REFERENCE	TH (MALE/FEMALE)
VLH14F	BSP 1/4	VLH1F	BSP 1
VLH38F	BSP 3/8	VLH114F	BSP 1 1/4
VLH12F	BSP 1/2	VLH112F	BSP 1 1/2
VLH34F	BSP 3/4	VLH2F	BSP 2

TYPE **VLH**

SHORT HANDLE BALL VALVE MALE / FEMALE **BALL VALVE**



REFERENCE	TH (MALE/FEMALE)	REFERENCE	TH (MALE/FEMALE)
VLH14MF	BSP 1/4	VLH1MF	BSP 1
VLH38MF	BSP 3/8	VLH114MF	BSP 1 1/4
VLH12MF	BSP 1/2	VLH112MF	BSP 1 1/2
VLH34MF	BSP 3/4	VLH2MF	BSP 2

TYPE **BV**

BALL VALVE WITH 2 PIECES CONNECTOR **BALL VALVE**



REFERENCE	TH (MALE/FEMALE)	REFERENCE	TH (MALE/FEMALE)
BV2PS12MF	BSP 1/2	BV2PS1MF	BSP 1
BV2PS34MF	BSP 3/4	BV2PS114MF	BSP 1 1/4

TYPE **BV**

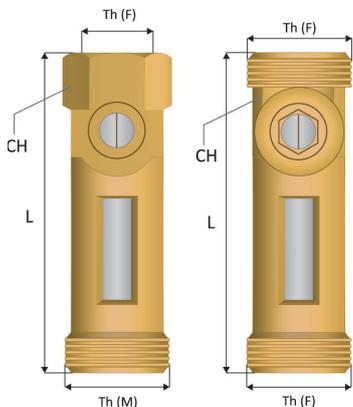
BALL VALVE WITH THERMOMETER **BALL VALVE**



REFERENCE	TH (MALE/FEMALE)
BVTH1MF	BSP 1

### TYPE FR

### OPERATING TEMPERATURE AND PRESSURE **FLOW METER**



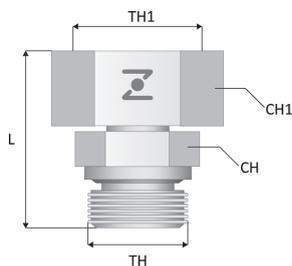
REFERENCE	TH	CH	L	FLOW	Kvs (m³/h)
FR12F34M	1/2 BSP (F)3/4 BSP (M)	24	81	2,0 - 8,0 (l/min)	1,8
FR1M1M	1 BSP (M/M)	30	104	4,0 - 15 (l/min)	5,0

#### DESCRIPTION

- Operating temperature: 1000 C Max.
- Operating pressure: 10 Bar

### TYPE OFR

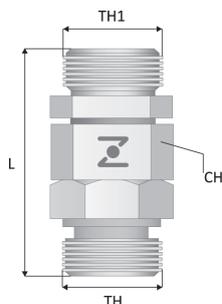
### ORIENTED FLOW METER MALE / FEMALE **FLOW METER**



REFERENCE	TH	TH1	CH	CH1	L
OFR38M34F	BSP 3/8	BSP 3/4	22	30	38
OFR12M34F	BSP 1/2	BSP 3/4	22	30	38

### TYPE OFR

### ORIENTED FLOW METER MALE **FLOW METER**



REFERENCE	TH	TH1	CH	L
OFR38M	BSP 3/8	BSP 3/8	22	52
OFR3812M	BSP 3/8	BSP 1/2	22	52
OFR12M	BSP 1/2	BSP 1/2	22	52

TYPE **VD**

SEALING **O'RING**



TEMPERATURE RANGE		
MATERIAL	NBR	-25°C AND 100°C
	FPM (VITON)	-20°C AND 220°C
	EPDM	-45°C AND 130°C

EXAMPLE CODE

**VD 10,00 x 2,50 NBR**

Type VD

ØInside

ØThickness

Material

TYPE **SC**

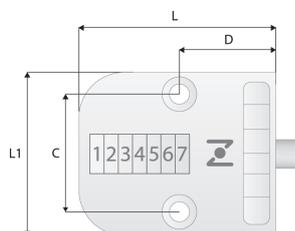
STEEL JOINT WITH **NITRILE RING**



REFERENCE	THREAD
SC18	BSP 1/8
SC14	BSP 1/4
SC38	BSP 3/8
SC12	BSP 1/2
SC34	BSP 3/4
SC1	BSP 1

TYPE **ZC**

CYCLE **COUNTER**



REFERENCE	L	L1	C	D
ZCC	47,5	38	28	24

### TYPE ARP



### PUSH-IN MET.-M BSPT **TAPERED**

REFERENCE	THREAD	PIPE
TP4R18	1/8"	4 mm
TP4R14	1/4"	4 mm
TP6R18	1/8"	6 mm
TP6R14	1/4"	6 mm
TP6R38	3/8"	6 mm
TP8R18	1/8"	8 mm
TP8R14	1/4"	8 mm
TP8R38	3/8"	8 mm
TP10R18	1/8"	10 mm
TP10R14	1/4"	10 mm
TP10R38	3/8"	10 mm
TP10R12	1/2"	10 mm

### TYPE ARP



### PUSH-IN MET.-ELBOW ADJUSTABLE M BSPT **TAPERED**

REFERENCE	THREAD	PIPE
TP4R18C	1/8"	4 mm
TP4R14C	1/4"	4 mm
TP6R18C	1/8"	6 mm
TP6R14C	1/4"	6 mm
TP8R18C	1/8"	8 mm
TP8R14C	1/4"	8 mm
TP8R38C	3/8"	8 mm
TP10R14C	1/4"	10 mm
TP10R38C	3/8"	10 mm
TP12R12C	1/2"	10 mm

### TYPE ARP



### PUSH-IN MET.-F BSP **PARALLEL**

REFERENCE	THREAD	PIPE
TP4F18	1/8"	4 mm
TP6F18	1/8"	6 mm
TP6F14	1/4"	6 mm
TP8F18	1/8"	8 mm
TP8F14	1/4"	8 mm
TP10F14	1/4"	10 mm
TP10F38	3/8"	12 mm

**TYPE ARP**

PUSH-IN MET.-M BSP PARALLEL/M METRIC **WITH O'RING**



REFERENCE	THREAD	PIPE
TPO4RM5	M5	4 mm
TPO4R18	1/8"	4 mm
TPO4R14	1/4"	4 mm
TPO6R18	1/8"	6 mm
TPO6R14	1/4"	6 mm
TPO6R38	3/8"	6 mm
TPO8R18	1/8"	8 mm
TPO8R14	1/4"	8 mm
TPO8R38	3/8"	8 mm
TPO10R14	1/4"	10 mm
TPO10R38	3/8"	10 mm
TPO10R12	1/2"	10 mm
TPO12R14	1/4"	12 mm
TPO12R38	3/8"	12 mm
TPO12R12	1/2"	12 mm

**TYPE ARP**

PUSH-IN MET.-ELBOW ADJUST. M BSP PARALLEL/M METRIC **WITH O'RING**



REFERENCE	THREAD	PIPE
TPO4RM5C	M5	4 mm
TPO4R18C	1/8"	4 mm
TPO4R14C	1/4"	4 mm
TPO6R18C	1/8"	6 mm
TPO6R14C	1/4"	6 mm
TPO6R38C	3/8"	6 mm
TPO8R18C	1/8"	8 mm
TPO8R14C	1/4"	8 mm
TPO8R38C	3/8"	8 mm
TPO10R14C	1/4"	10 mm
TPO10R38C	3/8"	10 mm
TPO12R14C	1/4"	12 mm
TPO12R38C	3/8"	12 mm
TPO12R12C	1/2"	12 mm

### TYPE ARP

#### PUSH-IN MET.-TEE CENTRAL ADJUSTABLE M BSP PARALLEL **W/O RING**



REFERENCE	THREAD	PIPE
TTP4R18	1/8"	4 mm
TTP6R18	1/8"	6 mm
TTP6R14	1/4"	6 mm
TTP8R18	1/8"	8 mm
TTP8R14	1/4"	8 mm
TTP8R38	3/8"	8 mm
TTP10R14	1/4"	10 mm
TTP10R38	3/8"	10 mm
TTP12R38	3/8"	12 mm

### TYPE ARP

#### PUSH-IN MET.-UNION



REFERENCE	PIPE
TTP4	4 mm
TTP6	6 mm
TTP8	8 mm
TTP10	10 mm
TTP12	12 mm

### TYPE ARP

#### PUSH-IN MET.-ELBOW UNION



REFERENCE	PIPE
TTP4C	4 mm
TTP6C	6 mm
TTP8C	8 mm
TTP10C	10 mm

### TYPE ARP

#### PUSH-IN MET.-UNION BULKHEAD **WITH METRIC NUT**



REFERENCE	THREAD	PIPE
TPUBM4	M1	4 mm
TPUBM6	M14X1	6 mm
TPUBM8	M16X1	8 mm
TPUBM10	M	10 mm
TPUBM12	M2	12 mm

TYPE ARP

PUSH-IN MET.-TEE UNION



REFERENCE	PIPE
3TP4	4 mm
3TP6	6 mm
3TP8	8 mm
3TP10	10 mm
3TP12	12 mm

TYPE ARP

PHOSE TAIL-M BSPT TAPERED



REFERENCE	THREAD	PIPE
PHT6R18	1/8"	6 mm
PHT6R14	1/4"	6 mm
PHT7R18	1/8"	7 mm
PHT7R14	1/4"	7 mm
PHT8R18	1/8"	8 mm
PHT8R14	1/4"	8 mm
PHT9R18	1/8"	9 mm
PHT9R14	1/4"	9 mm
PHT9R38	3/8"	9 mm
PHT9R12	1/2"	9 mm
PHT10R14	1/4"	10 mm
PHT10R38	3/8"	10 mm
PHT10R12	1/2"	10 mm
PHT12R14	1/4"	12 mm
PHT12R38	3/8"	12 mm
PHT12R12	1/2"	12 mm
PHT14R38	3/8"	14 mm
PHT14R12	1/2"	14 mm
PHT16R38	3/8"	16 mm
PHT16R12	1/2"	16 mm

TYPE ARP

DOBLE HOSE TAIL CONNECTOR



REFERENCE	PIPE
DHT6	6 mm
DHT8	8 mm
DHT10	10 mm

### TYPE ARP

### HOSE TAIL-F BSP **PARALLEL**



REFERENCE	THREAD	PIPE
PHT6F18	1/8"	6 mm
PHT7F18	1/8"	7 mm
PHT7F14	1/4"	7 mm
PHT8F14	1/4"	8 mm
PHT9F14	1/4"	9 mm
PHT9F38	3/8"	9 mm
PHT10F38	3/8"	10 mm
PHT12F38	3/8"	12 mm
PHT12F12	1/2"	12 mm

### TYPE ARP

### PUSH-IN POL. - M BSPT TAPERED **M METRIC**



REFERENCE	THREAD	PIPE
TPM4R18	1/8"	4 mm
TPM4R14	1/4"	4 mm
TPM4RM5	M5	4 mm
TPM6R18	1/8"	6 mm
TPM6R14	1/4"	6 mm
TPM6R38	3/8"	6 mm
TPM8R18	1/8"	8 mm
TPM8R14	1/4"	8 mm
TPM8R38	3/8"	8 mm
TPM8R12	1/2"	8 mm
TPM10R18	1/8"	10 mm
TPM10R14	1/4"	10 mm
TPM10R38	3/8"	10 mm
TPM10R12	1/2"	10 mm
TPM12R14	1/4"	12 mm
TPM12R38	3/8"	12 mm
TPM12R12	1/2"	12 mm

**TYPE ARP**

PUSH-IN POL. - ELBOW ADJUSTABLE EXTENSOR M BSPT **TAPERED**



REFERENCE	THREAD	PIPE
TPEX4R18C	1/8"	4 mm
TPEX4R14C	1/4"	4 mm
TPEX6R18C	1/8"	6 mm
TPEX6R14C	1/4"	6 mm
TPEX8R18C	1/8"	8 mm
TPEX8R38C	3/8"	8 mm
TPEX10R14C	1/4"	10 mm

**TYPE ARP**

PUSH-IN POL. - TEE CENTRAL ADJUSTABLE M BSPT **TAPERED**



REFERENCE	THREAD	PIPE
TEEA4R18	1/8"	4 mm
TEEA6R18	1/8"	6 mm
TEEA6R14	1/4"	6 mm
TEEA8R18	1/8"	8 mm
TEEA8R14	1/4"	8 mm
TEEA10R14	1/4"	10 mm
TEEA10R38	3/8"	10 mm
TEEA12R38	3/8"	12 mm
TEEA12R12	1/2"	12 mm

**TYPE ARP**

PUSH-IN POL. - TEE CENTRAL ADJUSTABLE M BSPT **TAPERED**



REFERENCE	THREAD	PIPE
TPAJ4R18C	1/8"	4 mm
TPAJ4R14C	1/4"	4 mm
TPAJ6R18C	1/8"	6 mm
TPAJ6R14C	1/4"	6 mm
TPAJ6R38C	3/8"	6 mm
TPAJ8R18C	1/8"	8 mm
TPAJ8R14C	1/4"	8 mm
TPAJ8R38C	3/8"	8 mm
TPAJ10R14C	1/4"	10 mm
TPAJ10R38C	3/8"	10 mm
TPAJ10R12C	1/2"	10 mm
TPAJ12R38C	3/8"	12 mm
TPAJ12R12C	1/2"	12 mm

**TYPE ARP**

PUSH-IN POL. - M BSP PARALLEL/M METRIC **WITH O'RING**



REFERENCE	THREAD	PIPE
TPMO4R18	1/8"	4 mm
TPMO4R14	1/4"	4 mm
TPMO4RM5	M5	4 mm
TPMO6R18	1/8"	6 mm
TPMO6R14	1/4"	6 mm
TPMO6R38	3/8"	6 mm
TPMO8R18	1/8"	8 mm
TPMO8R14	1/4"	8 mm
TPMO8R38	3/8"	8 mm
TPMO10R14	1/4"	10 mm
TPMO10R38	3/8"	10 mm
TPMO10R12	1/2"	10 mm
TPMO12R14	1/4"	12 mm
TPMO12R38	3/8"	12 mm
TPMO12R12	1/2"	12 mm

**TYPE ARP**

PUSH-IN POL. - ELBOW ADJUST. M BSP PARALLEL/M METRIC **W/O'RING**



REFERENCE	THREAD	PIPE
TPAJ04R18C	1/8"	4 mm
TPAJ04R14C	1/4"	4 mm
TPAJ04RM5	M5	4 mm
TPAJ06R18C	1/8"	6 mm
TPAJ06R14C	1/4"	6 mm
TPAJ06R38C	3/8"	6 mm
TPAJ06RM5C	M5	6 mm
TPAJ08R18C	1/8"	8 mm
TPAJ08R14C	1/4"	8 mm
TPAJ08R38C	3/8"	8 mm
TPAJ010R14C	1/4"	10 mm
TPAJ010R38C	3/8"	10 mm
TPAJ010R12C	1/2"	10 mm
TPAJ012R14C	1/4"	12 mm
TPAJ012R38C	3/8"	12 mm
TPAJ012R12C	1/2"	12 mm

TYPE **ARP**

PUSH-IN POL. - F BSP **PARALLEL**



REFERENCE	THREAD	PIPE
TPM4F18	1/8"	4 mm
TPM6F18	1/8"	6 mm
TPM6F14	1/4"	6 mm
TPM8F18	1/8"	8 mm
TPM8F14	1/4"	8 mm
TPM8F38	3/8"	8 mm
TPM10F14	1/4"	10 mm
TPM10F38	3/8"	12 mm

TYPE **ARP**

PUSH-IN POL. - ELBOW ADJUST. METAL. BODY M BSP PARAL. M METRIC **W/O'RING**



REFERENCE	THREAD	PIPE
TMAO4R18C	1/8"	4 mm
TMAO4RM5C	M5	4 mm
TMAO6R18C	1/8"	6 mm
TMAO6R14C	1/4"	6 mm
TMAO6RM5C	M5	6 mm
TMAO8R18C	1/8"	8 mm
TMAO8R14C	1/4"	8 mm
TMAO8R38C	3/8"	8 mm
TMAO10R14C	1/4"	10 mm
TMAO10R38C	3/8"	10 mm
TMAO10R12C	1/2"	10 mm
TMAO12R38C	3/8"	12 mm
TMAO12R12C	1/2"	12 mm

TYPE **ARP**

PUSH-IN POL. - TEE CENTRAL ADJUST. METAL. BODY M BSP PARAL. **W/O'RING**



REFERENCE	THREAD	PIPE
2TM4R18	1/8"	4 mm
2TM4R14	1/4"	4 mm
2TM6R18	1/8"	6 mm
2TM6R14	1/4"	6 mm
2TM8R18	1/8"	8 mm
2TM8R14	1/4"	8 mm
2TM10R14	1/4"	10 mm
2TM10R38	3/8"	10 mm
2TM12R38	3/8"	12 mm
2TM12R12	1/2"	12 mm

TYPE ARP

PUSH-IN POL.-BANJO BODY **METALLIC BODY**



REFERENCE	THREAD	PIPE
TBJ4PM5	M5	4 mm
TBJ4PM6	M6	4 mm
TBJ4P18	1/2"	4 mm
TBJ6PM5	M5	6 mm
TBJ6PM6	M6	6 mm
TBJ6P18	1/8"	6 mm
TBJ6P14	1/4"	6 mm
TBJ8P18	1/8"	8 mm
TBJ8P14	1/4"	8 mm
TBJ8P38	3/8"	8 mm
TBJ10P14	1/4"	10 mm
TBJ10P38	3/8"	10 mm
TBJ12P38	3/8"	12 mm
TBJ12P12	1/2"	12 mm

TYPE ARP

SIMPLE BANJO BOLT M BSP PARALLEL **M METRIC**



REFERENCE	THREAD
PSBM5	M5
PSBM6	M6
PSBM12	M12
PSB18	1/8"
PSB14	1/4"
PSB38	3/8"
PSB12	1/2"

TYPE **ARP**

PUSH-ON-M BSPT **TAPERED**



REFERENCE	THREAD	PIPE
MS2/4R18	1/8"	4/2.7 mm
MS4/6R18	1/8"	6/4 mm
MS4/6R14	1/4"	6/4 mm
MS4/6R38	3/8"	6/4 mm
MS6/8R18	1/8"	8/6 mm
MS6/8R14	1/4"	8/6 mm
MS6/8R38	3/8"	8/6 mm
MS6/8R12	1/2"	8/6 mm
MS8/10R14	1/4"	10/8 mm
MS8/10R38	3/8"	10/8 mm
MS8/10R12	1/2"	10/8 mm
MS10/12R38	3/8"	12/10 mm
MS10/12R12	1/2"	12/10 mm

TYPE **ARP**

PUSH-ON-TEE CENTRAL ADJUSTABLE M BSPT **TAPERED**



REFERENCE	THREAD	PIPE
TMS4/6R18	1/8"	6/4 mm
TMS4/6R14	1/4"	6/4 mm
TMS6/8R18	1/8"	8/6 mm
TMS6/8R14	1/4"	8/6 mm
TMS8/10R14	1/4"	10/8 mm

TYPE **ARP**

PUSH-ON-ADJUSTABLE M BSPT **TAPERED**



REFERENCE	THREAD	PIPE
MSA4/6R18	1/8"	6/4 mm
MSA4/6R14	1/4"	6/4 mm
MSA6/8R18	1/8"	8/6 mm
MSA6/8R14	1/4"	8/6 mm
MSA8/10R14	1/4"	10/8 mm
MSA8/10R38	3/8"	12/8 mm
MSA10/12R38	3/8"	12/10 mm

TYPE **ARP**

PUSH-ON-ELBOW M BSPT **TAPERED**



REFERENCE	THREAD	PIPE
MS2/4R18C	1/8"	4/2.7 mm
MS4/6R18C	1/8"	6/4 mm
MS4/6R14C	1/4"	6/4 mm
MS4/6R38C	3/8"	6/4 mm
MS6/8R18C	1/8"	8/6 mm
MS6/8R14C	1/4"	8/6 mm
MS6/8R38C	3/8"	8/6 mm
MS6/8R12C	1/2"	8/6 mm
MS8/10R14C	1/4"	10/8 mm
MS8/10R38C	3/8"	10/8 mm
MS8/10R12C	1/2"	10/8 mm
MS10/12R38C	3/8"	12/10 mm
MS10/12R12C	1/2"	12/10 mm

TYPE **ARP**

PUSH-ON-M BSP/M METRIC W/O'RING **PARALLEL**



REFERENCE	THREAD	PIPE
MSO2/4R18	1/8"	4/2.7 mm
MSO4/6R18	1/8"	6/4 mm
MSO4/6R14	1/4"	6/4 mm
MSO4/6R38	3/8"	6/4 mm
MSO6/8R12	1/2"	6/4 mm
MSO6/8R18	1/8"	8/6 mm
MSO6/8R14	1/4"	8/6 mm
MSO6/8R38	3/8"	8/6 mm
MSO6/8R12	1/2"	8/6 mm
MSO8/10R14	1/4"	10/8 mm
MSO8/10R38	3/8"	10/8 mm
MSO8/10R12	1/2"	10/8 mm
MSO10/12R38	3/8"	12/10 mm
MSO10/12R12	1/2"	12/10 mm
MSO4/6RM5	M5	6/4 mm
MSO4/6RM6	M6	6/4 mm

TYPE ARP

PUSH-ON-ELBOW F BSP PARALLEL



REFERENCE	THREAD	PIPE
MS4/6F18C	1/8"	6/4 mm
MS4/6F14C	1/4"	6/4 mm
MS6/8F18C	1/8"	8/6 mm
MS6/8F14C	1/4"	8/6 mm
MS8/10F14C	1/4"	10/8 mm
MS8/10F38C	3/8"	10/8 mm

TYPE ARP

PUSH-ON-F BSP PARALLEL



REFERENCE	THREAD	PIPE
MS4/6F18	1/8"	6/4 mm
MS4/6F14	1/4"	6/4 mm
MS4/6F38	3/8"	6/4 mm
MS6/8F18	1/8"	8/6 mm
MS6/8F14	1/4"	8/6 mm
MS6/8F38	3/8"	8/6 mm
MS6/8F12	1/2"	8/6 mm
MS8/10F14	1/4"	10/8 mm
MS8/10F38	3/8"	10/8 mm
MS8/10F12	1/2"	10/8 mm
MS10/12F38	3/8"	12/10 mm

TYPE ARP

PUSH-ON-TEE CENTRAL ADJUSTABLE M BSP PARALLEL W/O'RING



REFERENCE	THREAD	PIPE
2MSO4/6R18	1/8"	6/4 mm
2MSO4/6R14	1/4"	6/4 mm
2MSO6/8R18	1/8"	8/6 mm
2MSO6/8R14	1/4"	8/6 mm
2MSO8/10R14	1/4"	10/8 mm

TYPE **ARP**

SIMPLE BANJO BOLT M BSP PARALLEL **M METRIC**



REFERENCE	THREAD
PBMSM5	M5
PBMSM6	M6
PBMSM12	M12
PBMS18	1/8"
PBMS14	1/4"
PBMS38	3/8"
PBMS12	1/2"

TYPE **ARP**

PUSH-ON-BANJO **BODY**



REFERENCE	THREAD	PIPE
BBJ2/4R18	1/8"	4/2.7 mm
BBJ4/6R18	1/8"	6/4 mm
BBJ4/6R14	1/4"	6/4 mm
BBJ4/6R38	3/8"	6/4 mm
BBJ4/6RM6	M6	6/4 mm
BBJ6/8R18	1/8"	8/6 mm
BBJ6/8R14	1/4"	8/6 mm
BBJ6/8R38	3/8"	8/6 mm
BBJ6/8R12	1/2"	8/6 mm
BBJ8/10R18	1/8"	10/8 mm
BBJ8/10R14	1/4"	10/8 mm
BBJ8/10R38	3/8"	10/8 mm
BBJ8/10R12	1/2"	10/8 mm
BBJ10/12R38	3/8"	12/10 mm
BBJ10/12R12	1/2"	12/10 mm

TYPE **ARP**

BANJO F BSP **PARALLEL**



REFERENCE	THREAD
BPF18	1/8"
BPF14	1/4"
BPF38	3/8"

TYPE **ARP**



SIMPLE BANJO BOLT M BSP PARALLEL **M METRIC**

REFERENCE	THREAD
SBJM5	M5
SBJM6	M6
SBJM12	M12
SBJR18	1/8"
SBJR14	1/4"
SBJR38	3/8"
SBJR12	1/2"

TYPE **EMM**



ELBOW M BSPT **TAPERED**

REFERENCE	THREAD
JMM1890	1/8"
JMM1490	1/4"
JMM3890	3/8"
JMM1290	1/2"
JMM3490	3/4"

TYPE **EFF**



ELBOW F BSP **PARALLEL**

REFERENCE	THREAD
JFF1890	1/8"
JFF1490	1/4"
JFF3890	3/8"
JFF1290	1/2"
JFF3490	3/4"

TYPE **EMF**



ELBOW M BSPT **TAPERED BSP**

REFERENCE	THREAD	
JMF1890	1/8"	1/8"
JMF1490	1/4"	1/4"
JMF3890	3/8"	3/8"
JMF1290	1/2"	1/2"
JMF3490	3/4"	3/4"

### TYPE TMM

TEE M BSPT **TAPERED**



REFERENCE	THREAD	
TMM18	1/8"	1/8"
TMM14	1/4"	1/4"
TMM38	3/8"	3/8"
TMM12	1/2"	1/2"
TMM34	3/4"	3/4"

### TYPE TMF

TEE LATERAL F BSP -F BSP -M BSPT **TAPERED**



REFERENCE	THREAD	
TLM18FF18	1/8"	1/8"
TLM14FF14	1/4"	1/4"
TLM38FF38	3/8"	3/8"
TLM12FF12	1/2"	1/2"
TLM34FF34	3/4"	3/4"

### TYPE TFM

TEE CENTRAL F BSP -M BSPT -F BSP **TAPERED**



REFERENCE	THREAD	
TCM18FF18	1/8"	1/8"
TCM14FF14	1/4"	1/4"
TCM38FF38	3/8"	3/8"
TCM12FF12	1/2"	1/2"
TCM34FF34	3/4"	3/4"

### TYPE TFF

TEE F BSP **PARALLEL**



REFERENCE	THREAD	
TFF18	1/8"	1/8"
TFF14	1/4"	1/4"
TFF38	3/8"	3/8"
TFF12	1/2"	1/2"
TFF34	3/4"	3/4"

TYPE **PT**

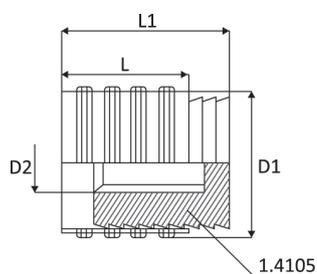
POLYURETHANE **TUBE**



REFERENCES	ØINSIDE	ØOUTSIDE	MAX. WORKING PRESSURE		BURSTING PRESSURE	
			BAR	PSI	BAR	PSI
TP 4X6	4	6	11	159	36	522
TP 5.5X8	5.5	8	9	130	29	520
TP 7X10	7	10	9	130	28	406
TP 8X12	8	12	10	145	32	464

TYPE **CC**

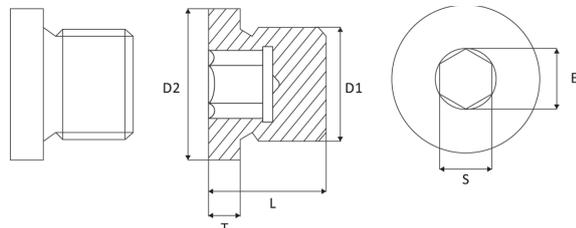
CLOSURE **TAP**



REFERENCE	ØD1	ØD2	L	L1
CC6	6	M3	11.5	8
CC7	7	M4	11.5	8
CC8	8	M4	11.5	8
CC10	10	M6	14	10
CC12	12	M6	14	10
CC14	14	M8	16	12
CC15	15	M8	16	12
CC16	16	M8	16	12

### TYPE TP

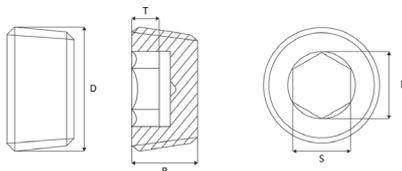
### CYLINDRICAL SOCKET SCREW PLUGS



REFERENCE			DIMENSIONS					
STEEL	BRASS	WITH O-RING	THREAD	D2	S	E	L	Tmin.
CM10S	CM10B	CVM10A	M10 x 1	14	5	5,7	11	5
CM12S	CM12B	CVM12A	M12 x 1,5	17	6	6,9	15	7
CM14S	CM14B	CVM14A	M14 x 1,5	19	6	6,9	15	7
CM16S	CM16B	CVM16A	M16 x 1,5	21	8	9,2	15	7,5
CM18S	CM18B	CVM18A	M18 x 1,5	23	8	9,2	16	7,5
GAS THREAD								
C18S	C18B	CV18A	G1/8	14	5	5,7	11	5
C14S	C14B	CV14A	G1/4	18	6	6,9	15	7
C38S	C38B	CV38A	G3/8	22	8	9,2	15	7,5
C12S	C12B	CV12A	G1/2	26	10	11,4	18	7,5
C34S	C34B	CV34A	G3/4	32	12	13,7	20	9
C61S	C61B	CV1A	G 1	39	17	19,4	21	9
C114S	C114B	CV114A	G1 1/4	49	22	25,2	21	10,5

TYPE **TP**

CYLINDRICAL SOCKET SCREW **PLUGS**



REFERENCE			DIMENSIONS				
STEEL	SSA2	BRASS	THREAD	B	S	E	Tmin.
PM8S	PM8SS	PM8B	M8 x 1	8	4	4,6	4
PM10S	PM10SS	PM10B	M10 x 1	8	5	5,7	4
PM12S	PM12SS	PM12B	M12 x 1,5	10	6	6,9	5
PM14S	PM14SS	PM14B	M14 x 1,5	10	7	8	5
PM16S	PM16SS	PM16B	M16 x 1,5	10	8	9,2	5
PM18S	PM18SS	PM18B	M18 x 1,5	10	8	9,2	5
GAS THREAD							
P18S	P18SS	P18B	R 1/8	8	5	5,7	4
P14S	P14SS	P14B	R 1/4	10	7	8	5
P38S	P38SS	P38B	R 3/8	10	8	9,2	5
P12S	P12SS	P12B	R 1/2	10	10	11,4	5
P34S	P34SS	P34B	R 3/4	12	12	13,7	6
P1S	P1SS	P1B	R1	12	17	19,4	6
P114S	P114SS	P114B	R1 1/4	18	22	25,2	11,5
NPT THREAD							
P116SN	P116SSN	P116BN	1 1/6	8	4	4,6	4
P18SN	P18SSN	P18BN	1/8	8	5	5,7	4
P14SN	P14SSN	P14BN	1/4	10	7	8	5
P38SN	P38SSN	P38BN	3/8	10	8	9,2	5
P12SN	P12SSN	P12BN	1/2	10	10	11,4	5
P34SN	P34SSN	P34BN	3/4	12	12	13,7	6
P1SN	P1SSN	P1BN	1	12	17	19,4	6

TYPE **PFM**

PLATE FOR FIXING MICROS **PLATE**



REFERENCE

PFM 01

TYPE **PFM**

PLATE FOR FIXING MICROS **PLATE**



REFERENCE

PFM 02

TYPE **PFM**

PLATE FOR FIXING MICROS **PLATE**



REFERENCE

PFM 03

TYPE **PFM**

PLATE FOR FIXING MICROS **PLATE**



REFERENCE

PFM 04



## HYDRAULIC **QUICK COUPLINGS**

### USING AREA

- Industrial
- Construction equipment
- Agriculture
- High pressure
- In other industries in general

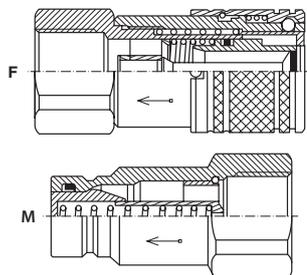
### MATERIAL COUPLING

- |                   |                     |
|-------------------|---------------------|
| • Plug            | Brass Nickel Plated |
| • Sleeve          | Brass Nickel Plated |
| • Springs         | Stainless Steel     |
| • Locking O-rings | Stainless Steel     |
| • Balls           | Stainless Steel     |
| • Seals           | NBR Nitrile         |
| • Socket Body     | Brass Nickel Plated |

**ZonaCentro** has a varied line of hydraulic quick couplings at your disposal.

TYPE HQC

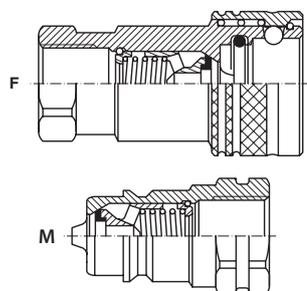
BSP ECOLOGICAL FLAT FLACE COUPLING ISO16028



REFERENCE	THREAD	ISO SIZE	BG SIZE	COUPLING
OMA6F14V	1/4" BSP	6.3	1	M
OMA10F38V	3/8" BSP	10	2	M
OMA10F12V	1/2" BSP	10	2	M
OMA12F12V	1/2" BSP	12.5	3	M
OMA12F34V	3/4" BSP	12.5	3	M
OMA19F1V	1" BSP	19	4	M
OFA6F14V	1/4" BSP	6.3	1	F
OFA10F38V	3/8" BSP	10	2	F
OFA10F12V	1/2" BSP	10	2	F
OFA12F12V	1/2" BSP	12.5	3	F
OFA12F12V	3/4" BSP	12.5	3	F
OFA19F1V	1" BSP	19	4	F

TYPE HQC

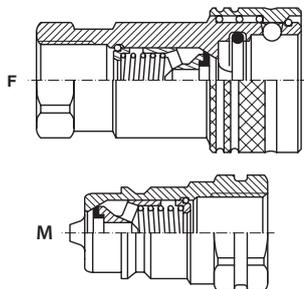
QUICK RELEASE COUPLING ISO A



REFERENCE	THREAD	ISO SIZE	BG SIZE	COUPLING
HCMF14	1/4" BSP	6.3	1	M
HCMF38	3/8" BSP	10	2	M
HCMF12	1/2" BSP	12.5	3	M
HCMFM22X1,5	M22X1.5	12.5	3	M
HCMF34	3/4" BSP	20	4	M
HCMF1	1" BSP	25	5	M
HCMF114	1"1/4 BSP	31.5	6	M
HCMF112	1"1/2 BSP	40	7	M
HCMF2	2" BSP	50	8	M
HCFF14	1/4" BSP	6.3	1	F
HCFF38	3/8" BSP	10	2	F
HCFF12	1/2" BSP	12.5	3	F
HCFF34	3/4" BSP	20	4	F
HCFFM22X1,5	M22X1.5	12.5	3	F
HCFF1	1" BSP	25	5	F
HCFF114	1"1/4 BSP	31.5	6	F
HCFF112	1"1/2 BSP	40	7	F
HCFF2	2" BSP	50	8	F

TYPE HQC

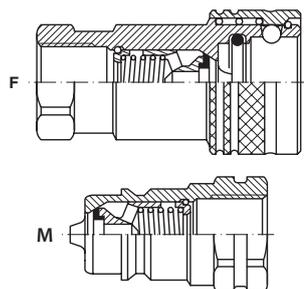
QUICK RELEASE COUPLING BRASS ISO B



REFERENCE	THREAD	ISO SIZE	BG SIZE	COUPLING
HCMF14B	1/4" BSP	6.3	1	M
HCMF38B	3/8" BSP	10	2	M
HCMF12B	1/2" BSP	12.5	3	M
HCMF34B	3/4" BSP	19	4	M
HCMF1B	1" BSP	25	5	M
HCMF114B	1"1/4 BSP	40	7	M
HCMF112B	1"1/2 BSP	40	7	M
HCMF2B	2" BSP	50	8	M
HCFF14B	1/4" BSP	6.3	1	F
HCFF38B	3/8" BSP	10	2	F
HCFF12B	1/2" BSP	12.5	3	F
HCFF34B	3/4" BSP	19	4	F
HCFF1B	1" BSP	25	5	F
HCFF114B	1"1/4 BSP	40	7	F
HCFF112B	1"1/2 BSP	40	7	F
HCFF2B	2" BSP	50	8	F

TYPE HQC

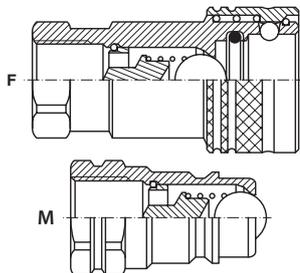
QUICK RELEASE COUPLING NV SERIE



REFERENCE	THREAD	ISO SIZE	BG SIZE	COUPLING
HNVM14	1/4" BSP	6.3	1	M
HNVM38	3/8" BSP	10	2	M
HNVM34	3/4" BSP	19	4	M
HNVM1	1" BSP	25	5	M
HNVM114	1"1/4 BSP	31.5	6	M
HNVM112	1"1/2 BSP	40	7	M
HNVM2	2" BSP	50	8	M
HNVF14	1/4" BSP	6.3	1	F
HNVF38	3/8" BSP	10	2	F
HNVF34	3/4" BSP	19	4	F
HNVF1	1" BSP	25	5	F
HNVF114	1"1/4 BSP	31.5	6	F
HNVF112	1"1/2 BSP	40	7	F
HNVF2	2" BSP	50	8	F

### TYPE HQC

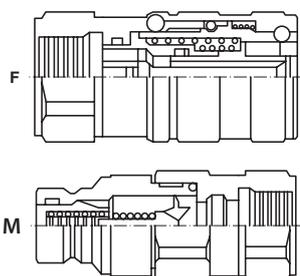
### BSP QUICK RELEASE COUPLING BALL TYPE **NS SERIE**



REFERENCE	THREAD	ISO SIZE	BG SIZE	COUPLING
HNSM14	1/4" BSP	6.3	1	M
HNSM38	3/8" BSP	10	2	M
HNSM12	1/2" BSP	12.5	3	M
HNSM34	3/4" BSP	19	4	M
HNSM1	1" BSP	25	5	M
HNSF14	1/4" BSP	6.3	1	F
HNSF38	3/8" BSP	10	2	F
HNSF12	1/2" BSP	12.5	3	F
HNSF34	3/4" BSP	19	4	F
HNSF1	1" BSP	25	5	F

### TYPE HQC

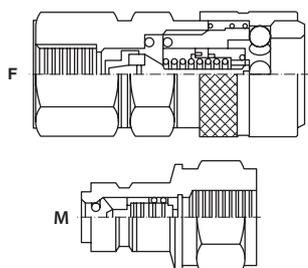
### FLAT FACE COUPLING INNER THREADS HIGH PRESSURE **700 BAR**



REFERENCE	THREAD	ISO SIZE	BG SIZE	COUPLING
HHPM14	1/4" BSP	6.3	1	M
HHPM38	3/8" BSP	6.3	1	M
HHPF14	1/4" BSP	6.3	1	F
HHPF38	3/8" BSP	6.3	1	F

### TYPE HQC

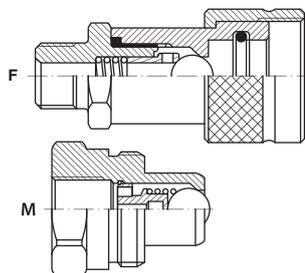
### COUPLINGS BAR BSP **1500 BAR**



REFERENCE	THREAD	ISO SIZE	BG SIZE	COUPLING
H1500BM14	1/4" BSP	6.3	1	M
H1500BF14	1/4" BSP	6.3	1	F

**TYPE HQC**

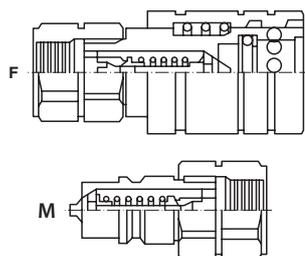
QUICK RELEASE COUPLING BALL TYPE VERY HIGH PRESSURE **700 BAR**



REFERENCE	THREAD	ISO SIZE	BG SIZE	COUPLING
HVHPM38	3/8" BSP	10	2	M
HVHPM14NPT	1/4" NPT	6.3	1	M
HVHPM38NPT	3/8" NPT	10	2	M
HVHPF38	3/8" BSP	10	2	F
HVHPF14NPT	1/4" NPT	6.3	1	F
HVHPF38NPT	3/8" NPT	10	2	F

**TYPE HQC**

PUSH-PULL QUICK RELEASE COUPLING AGRIC. **APPLICATION**



REFERENCE	THREAD	ISO SIZE	BG SIZE	COUPLING
HPPM14	1/4" BSP	6.3	1	M
HPPM38	3/8" BSP	10	2	M
HPPM12	1/2" BSP	12.5	3	M
HPPM34	3/4" BSP	19	4	M
HPPM1	1" BSP	25	5	M
HPPF14	1/4" BSP	6.3	1	F
HPPF38	3/8" BSP	10	2	F
HPPF12	1/2" BSP	12.5	3	F
HPPF34	3/4" BSP	19	4	F
HPPF1	1" BSP	25	5	F



## STANDARD SERIES **FITTINGS**

### USING AREA

- Injection moulding industrie
- Construction equipment
- On temperature regulation applications with hot or cold water, oil
- High pressure
- In other industries in general

### DESCRIPTION

Within the universe of Hydraulic Accessories, we have a wide range of products produced in both stainless steel and carbon steel. His family includes cannons, female and male threads, tubular, flanges and eyelets.

All of these accessories can be assembled, coupled and driven into our facilities.

**ZonaCentro** has a varied line of articulated lifting rings at your disposal.

## TYPE HFH

## HYDRAULIC HOSES EN 853 1SN / SAE 100 R1AT



REFERENCE	DN	Ø INNER Ø INT.
MH5R1AT	3/16"	5
MH6R1AT	1/4"	6,3
MH8R1AT	5/16"	8,2
MH10R1AT	3/8"	9,8
MH13R1AT	1/2"	12,9
MH16R1AT	5/8"	16,2
MH19R1AT	3/4"	19,2
MH25R1AT	1"	25,3
MH32R1AT	1" 1/4	32,2
MH38R1AT	1" 1/2	38,2
MH51R1AT	2"	51,2

## TYPE HFH

## HYDRAULIC HOSES EN 853 2SN / SAE 100 R2AT



REFERENCE	DN	Ø INNER Ø INT.
MH6R2AT	1/4"	6,3
MH8R2AT	5/16"	8,2
MH10R2AT	3/8"	9,8
MH13R2AT	1/2"	12,9
MH16R2AT	5/8"	16,2
MH19R2AT	3/4"	19,2
MH25R2AT	1"	25,3
MH32R2AT	1" 1/4	32,2
MH38R2AT	1" 1/2	38,2
MH51R2AT	2"	51

## TYPE HFH

## HYDRAULIC HOSES EN 853 2ST / SAE 100 R2A



REFERENCE	DN	Ø INNER Ø INT.
MH6R2A	1/4"	6,3
MH8R2A	5/16"	8,2
MH10R2A	3/8"	9,8
MH13R2A	1/2"	12,9
MH16R2A	5/8"	16,2
MH19R2A	3/4"	19,2
MH25R2A	1"	25,3
MH32R2A	1" 1/4	32,2
MH38R2A	1" 1/2	38,5
MH51R2A	2"	51,2

TYPE **HFH**

HYDRAULIC HOSES **EN 857 1SC**



REFERENCE	DN	Ø INNER Ø INT.
MH61SC	1/4"	6,6
MH81SC	5/16	8,3
MH101SC	3/8"	9,9
MH131SC	1/2"	13
MH161SC	5/8"	16,1
MH191SC	3/4"	19,2
MH251SC	1"	25,7

TYPE **HFH**

HYDRAULIC HOSES **EN 857 2SC**



REFERENCE	DN	Ø INNER Ø INT.
MH62SC	1/4"	6,6
MH102SC	3/8"	9,9
MH132SC	1/2"	13
MH162SC	5/8"	16,4
MH192SC	3/4"	19,5
MH262SC	1"	26

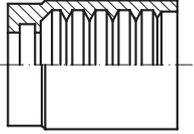
TYPE **HFH**

HYDRAULIC HOSES **2SNK**



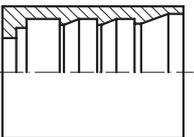
REFERENCE	DN	Ø INNER Ø INT.
MH62SNK	1/4"	6.6
MH102SNK	3/8"	9.9
MH132SNK	1/2"	13
MH192SNK	3/4"	19.5
MH262SNK	1"	26

## TYPE HCF

FERRULES **R1AT/R2AT/1SN/2SN/2SC/R16/3TE**

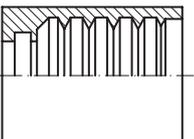
REFERENCE	DN
HCM4R01	3/16"
HCM6R01	1/4"
HCM8R01	5/16"
HCM10R01	3/8"
HCM13R01	1/2"
HCM16R01	5/8"
HCM19R01	3/4"
HCM25R01	1"
HCM32R01	1"1/4"
HCM38R01	1"1/2"

## TYPE HCF

FERRULES **R2A/R9R/2ST/4SP**

REFERENCE	DN
HCM6R02	1/4"
HCM8R02	5/16"
HCM10R02	3/8"
HCM13R02	1/2"
HCM16R02	5/8"
HCM19R02	3/4"
HCM25R02	1"
HCM32R02	1"1/4"
HCM38R02	1"1/2"
HCM51R02	2"

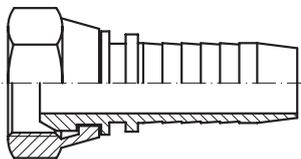
## TYPE HCF

FERRULES **1SC/1SN/2SC/R6/2TE**

REFERENCE	DN
HCM6R03	1/4"
HCM8R03	5/16"
HCM10R03	3/8"
HCM13R03	1/2"
HCM16R03	5/8"
HCM19R03	3/4"
HCM25R03	1"

TYPE HF

BSP SWIVEL FEMALE **60° CONE**

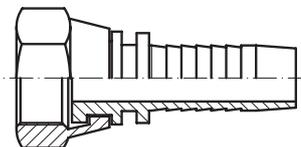


REFERENCE	THREAD	DN
OPC3F18	1/8" BSP	1/8"
OPC4F18	1/8" BSP	3/16"
OPC6F18	1/8" BSP	1/4"
OPC4F14	1/4" BSP	3/16"
OPC6F14	1/4" BSP	1/4"
OPC8F14	1/4" BSP	5/16"
OPC10F14	1/4" BSP	3/8"
OPC6F38	3/8" BSP	1/4"
OPC8F38	3/8" BSP	5/16"
OPC10F38	3/8" BSP	3/8"
OPC12F38	3/8" BSP	1/2"
OPC6F12	1/2" BSP	1/4"
OPC10F12	1/2" BSP	3/8"
OPC12F12	1/2" BSP	1/2"
OPC16F12	1/2" BSP	5/8"
OPC12F58	5/8" BSP	1/2"
OPC16F58	5/8" BSP	5/8"
OPC12F34	3/4" BSP	1/2"
OPC16F34	3/4" BSP	5/8"
OPC19F34	3/4" BSP	3/4"
OPC19F1	1" BSP	3/4"
OPC1F1	1" BSP	1"

**For those bigger than 1" see with o'ring**

TYPE HF

BSP SWIVEL FEMALE **FLAT SEAT**

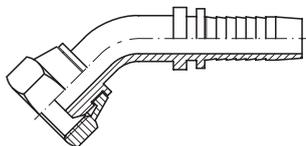


REFERENCE	THREAD	DN
OPC6F14FS	1/4" BSP	1/4"
OPC8F38FS	3/8" BSP	5/16"
OPC10F38FS	3/8" BSP	3/8"
OPC6F12FS	1/2" BSP	1/4"
OPC10F12FS	1/2" BSP	3/8"
OPC12F12FS	1/2" BSP	1/2"
OPC12F34FS	3/4" BSP	1/2"
OPC34F34FS	3/4" BSP	3/4"
OPC1F1FS	1" BSP	1"
OPC114F114FS	1" 1/4 BSP	1" 1/4
OPC112F112FS	1" 1/2 BSP	1" 1/2

**\*Until end of stock.**

## TYPE HF

## BSP SWIVEL FEMALE 60° CONE 45° ELBOW

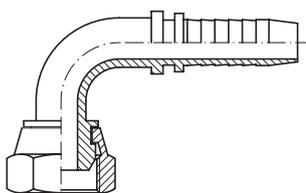


REFERENCE	THREAD	DN
OPC4F1845	1/8" BSP	3/16"
OPC6F1845	1/8" BSP	1/4"
OPC4F1445	1/4" BSP	3/16"
OPC6F1445	1/4" BSP	1/4"
OPC6F3845	3/8" BSP	1/4"
OPC8F3845	3/8" BSP	5/16"
OPC10F3845	3/8" BSP	3/8"
OPC10F1245	1/2" BSP	3/8"
OPC12F1245	1/2" BSP	1/2"
OPC12F5845	5/8" BSP	1/2"
OPC16F5845	5/8" BSP	5/8"
OPC16F3445	3/4" BSP	5/8"
OPC34F3445	3/4" BSP	3/4"
OPC34F145	1" BSP	3/4"
OPC1F145	1" BSP	1"

**For those bigger than 1" see with o'ring**

## TYPE HF

## BSP SWIVEL FEMALE 60° CONE 90° ELBOW

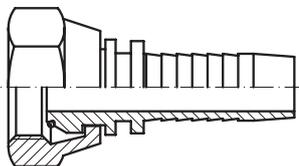


REFERENCE	THREAD	DN
OPC4F1890	1/8" BSP	3/16"
OPC6F1890	1/8" BSP	1/4"
OPC4F1490	1/4" BSP	3/16"
OPC6F1490	1/4" BSP	1/4"
OPC6F3890	3/8" BSP	1/4"
OPC8F3890	3/8" BSP	5/16"
OPC10F3890	3/8" BSP	3/8"
OPC6F1290	1/2" BSP	1/4"
OPC10F1290	1/2" BSP	3/8"
OPC12F1290	1/2" BSP	1/2"
OPC12F5890	5/8" BSP	1/2"
OPC16F5890	5/8" BSP	5/8"
OPC12F3490	3/4" BSP	1/2"
OPC58F3490	3/4" BSP	5/8"
OPC34F3490	3/4" BSP	3/4"
OPC34F190	1" BSP	3/4"
OPC1F190	1" BSP	1"

**For those bigger than 1" see with o'ring**

TYPE HF

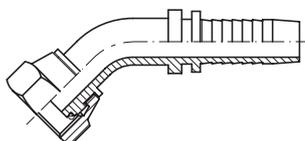
BSP SWIVEL FEMALE 60° WITH **WITH O'RING**



REFERENCE	THREAD	DN
OPC6F14V	1/4" BSP	1/4"
OPC10F38V	3/8" BSP	3/8"
OPC12F12V	1/2" BSP	1/2"
OPC16F58V	5/8" BSP	5/8"
OPC16F34V	3/4" BSP	5/8"
OPC19F34V	3/4" BSP	3/4"
OPC1F1V	1" BSP	1"
OPC1F114V	1"1/4 BSP	1"
OPC114F114V	1"1/4 BSP	1"1/4
OPC114F112V	1" 1/2 BSP	1" 1/4
OPC112F112V	1"1/2 BSP	1"1/2
OPC112F2V	2" BSP	1"1/2
OPC2F2V	2" BSP	2"

TYPE HF

BSP SWIVEL FEMALE 60° CONE WITH O'RING **45° ELBOW**

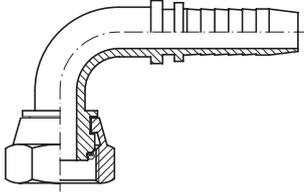


REFERENCE	THREAD	DN
OPC10F3845V	3/8" BSP	3/8"
OPC12F1245V	1/2" BSP	1/2"
OPC16F5845V	5/8" BSP	5/8"
OPC16F3445V	3/4" BSP	5/8"
OPC34F3445V	3/4" BSP	3/4"
OPC1F145V	1" BSP	1"
OPC114F11445V	1"1/4 BSP	1"1/4
OPC112F11245V	1"1/2 BSP	1"1/2
OPC112F245V	2" BSP	1"1/2
OPC2F245V	2" BSP	2"

**\*Until end of stock.**

## TYPE HF

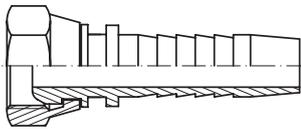
## BSP SWIVEL FEMALE 60° CONE WITH O'RING 90° ELBOW



REFERENCE	THREAD	DN
OPC6F1490V	1/4" BSP	1/4"
OPC10F3890V	3/8" BSP	3/8"
OPC12F1290V	1/2" BSP	1/2"
OPC16F5890V	5/8" BSP	5/8"
OPC16F3490V	3/4" BSP	3/4"
OPC1F190V	1" BSP	1"
OPC1F11490V	1"1/4 BSP	1"
OPC114F11490V	1"1/4 BSP	1"1/4
OPC114F11290V	1"1/2 BSP	1"1/4
OPC112F11290V	1"1/2 BSP	1"1/2
OPC2F290V	2" BSP	2"

## TYPE HF

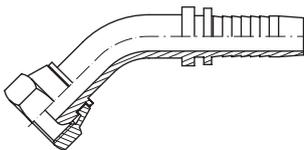
## FEMALE METRIC SWIVEL 24°/60° CONE



REFERENCE	THREAD	PIPE	DN
OPC6FM14X1,5	M14X1.5	8L	1/4"
OPC6FM16X1,5	M16X1.5	10L	1/4"
OPC8FM16X1,5	M16X1.5	10L	5/16"
OPC10FM16X1,5	M16X1.5	10L	3/8"
OPC8FM18X1,5	M18X1.5	12L	5/16"
OPC10FM18X1,5	M18X1.5	12L	3/8"
OPC10FM22X1,5	M22X1.5	15L	3/8"
OPC12FM22X1,5	M22X1.5	15L	1/2"
OPC16FM26X1,5	M26X1.5	18L	5/8"

## TYPE HF

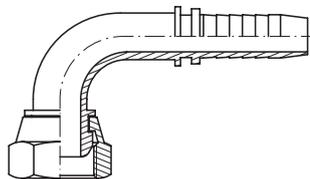
## FEMALE METRIC SWIVEL (45° ELBOW) 24°/60° CONE



REFERENCE	THREAD	PIPE	DN
OPC6FM14X1,545	M14X1.5	8L	1/4"
OPC6FM16X1,545	M16X1.5	10L	5/16"
OPC10FM16X1,545	M16X1.5	10L	3/8"
OPC8FM18X1,545	M18X1.5	12L	5/16"
OPC10FM18X1,545	M18X1.5	12L	3/8"
OPC12FM22X1,545	M22X1.5	15L	1/2"
OPC16FM26X1,545	M26X1.5	18L	5/8"

TYPE HF

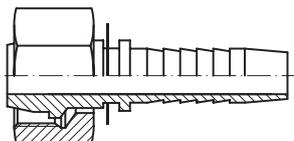
FEMALE METRIC SWIVEL (90° ELBOW) **24°/60° CONE**



REFERENCE	THREAD	PIPE	DN
OPC6FM14X1,5/90	M14X1.5	8L	1/4"
OPC6FM16X1,5/90	M16X1.5	10L	1/4"
OPC8FM16X1,5/90	M16X1.5	10L	5/16"
OPC10FM16X1,5/90	M16X1.5	10L	3/8"
OPC8FM18X1,5/90	M18X1.5	12L	5/16"
OPC10FM18X1,5/90	M18X1.5	12L	3/8"
OPC10FM22X1,5/90	M22X1.5	15L	3/8"
OPC12FM22X1,5/90	M22X1.5	15L	1/2"
OPC16FM26X1,5/90	M26X1.5	18L	5/8"

TYPE HF

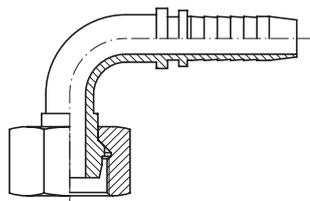
METRIC SWIVEL FEMALE 24° CONE **FRENCH SERIES**



REFERENCE	THREAD	PIPE	DN
OPC6M20X1,5PL	M20X1.5	13.2	1/4"
OPC8M20X1,5PL	M20X1.5	13.2	5/16"
OPC10M20X1,5PL	M20X1.5	13.2	3/8"
OPC8M24X1,5PL	M24X1.5	16.7	5/16"
OPC10M24X1,5PL	M24X1.5	16.7	3/8"
OPC12M24X1,5PL	M24X1.5	16.7	1/2"
OPC16M30X1,5PL	M30X1.5	21.2	5/8"
OPC34M36X1,5PL	M36X1.5	26.7	3/4"
OPC1M45X1,5PL	M45X1.5	33.5	1"

TYPE HF

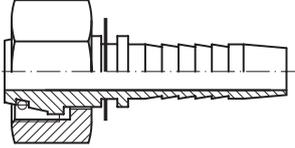
METRIC SWIVEL FEMALE 24° CONE **FRENCH SERIES 90° ELBOW**



REFERENCE	THREAD	PIPE	DN
OPC8M20X1,5PL90	M20X1.5	13.2	5/16"
OPC10M20X1,5PL90	M20X1.5	13.2	3/8"
OPC12M24X1,5PL90	M24X1.5	16.7	1/2"
OPC16M30X1,5PL90	M30X1.5	21.2	5/8"
OPC34M36X1,5PL90	M36X1.5	26.7	3/4"

## TYPE HF

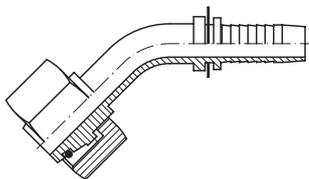
## METRIC SWIVEL FEMALE WITH O'RING 24° CONE



REFERENCE	THREAD	SERIE	PIPE	DN
OPCL4FM12X1,5V	12X1,5	L	6	3/16"
OPCL6FM12X1,5V	12X1,5	L	6	1/4"
OPCL6FM14X1,5V	14X1,5	L	8	1/4"
OPCL6FM16X1,5V	16X1,5	L	10	1/4"
OPCL8FM16X1,5V	16X1,5	L	10	5/16"
OPCL10FM16X1,5V	16X1,5	L	10	3/8"
OPCL6FM18X1,5V	18X1,5	L	12	1/4"
OPCL8FM18X1,5V	18X1,5	L	12	5/16"
OPCL10FM18X1,5V	18X1,5	L	12	3/8"
OPCL10FM22X1,5V	22X1,5	L	15	3/8"
OPCL12FM22X1,5V	22X1,5	L	15	1/2"
OPCL12FM26X1,5V	26X1,5	L	18	1/2"
OPCL16FM26X1,5V	26X1,5	L	18	5/8"
OPCL16FM30X2V	30x2	L	22	5/8"
OPCL34FM30X2V	30X2	L	22	3/4"
OPCL1FM36X2V	36X2	L	28	1"
OPCL114FM45X2V	45X2	L	35	1"1/4
OPCL112FM52X2V	52X2	L	42	1"1/2
OPCS4FM16X1,5V	16X1,5	S	8	3/16"
OPCS6FM16X1,5V	16X1,5	S	8	1/4"
OPCS6FM18X1,5V	18X1,5	S	10	1/4"
OPCS10FM18X1,5V	18x1,5	S	10	3/8"
OPCS6FM20X1,5V	20x1,5	S	12	1/4"
OPCS8FM20X1,5V	20X1,5	S	12	5/16"
OPCS10FM20X1,5V	20X1,5	S	12	3/8"
OPCS12FM20X1,5V	20X1,5	S	12	1/2"
OPCS10FM22X1,5V	22X1,5	S	14	3/8"
OPCS12FM22X1,5V	22x1,5	S	14	1/2"
OPCS12FM24X1,5V	24X1,5	S	16	1/2"
OPCS16FM30X2V	30X2	S	20	5/8"
OPCS34FM30X2V	30X2	S	20	3/4"
OPCS34FM36X2V	36X2	S	25	3/4"
OPCS1FM36X2V	36X2	S	25	1"
OPCS1FM42X2V	42X2	S	30	1"
OPCS114FM52X2V	52X2	S	38	1"1/4

TYPE HF

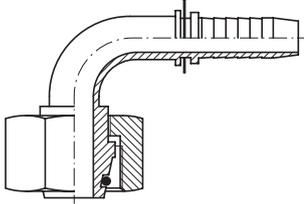
METRIC SWIVEL FEMALE WITH O'RING (45° ELBOW) 24° CONE



REFERENCE	THREAD	SERIE	PIPE	DN
OPCL4FM12X1,5V45	12x1,5	L	6	3/16"
OPCL6FM12X1,5V45	12x1,5	L	6	1/4"
OPCL6FM14X1,5V45	14x1,5	L	8	1/4"
OPCL6FM16X1,5V45	16x1,5	L	10	1/4"
OPCL8FM16X1,5V45	16x1,5	L	10	5/16"
OPCL10FM16X1,5V45	16x1,5	L	10	3/8"
OPCL8FM18X1,5V45	18x1,5	L	12	5/16"
OPCL10FM18X1,5V45	18x1,5	L	12	3/8"
OPCL10FM22X1,5V45	22x1,5	L	15	3/8"
OPCL12FM22X1,5V45	22x1,5	L	15	1/2"
OPCL16FM26X1,5V45	26x1,5	L	18	5/8"
OPCL34FM30X2V45	30x2	L	22	3/4"
OPCL1FM36X2V45	36x2	L	28	1"
OPCL114FM45X2V45	45x2	L	35	1"1/4
OPCL112FM52X2V45	52x2	L	42	1"1/2
OPCS4FM16X1,5V45	16x1,5	S	8	1/4"
OPCS6FM18X1,5V45	18x1,5	S	10	1/4"
OPCS8FM20X1,5V45	20x1,5	S	12	5/16"
OPCS10FM20X1,5V45	20x1,5	S	12	3/8"
OPCS10FM22X1,5V45	22x1,5	S	14	3/8"
OPCS12FM24X1,5V45	24x1,5	S	16	1/2"
OPCS16FM30X2V45	30x2	S	20	5/8"
OPCS34FM30X2V45	30x2	S	20	3/4"
OPCS34FM36X2V45	36x2	S	25	3/4"
OPCS1FM36X2V45	36x2	S	25	1"
OPCS1FM42X2V45	42x2	S	30	1"
OPCS114FM52X2V45	52x2	S	38	1"1/4

## TYPE HF

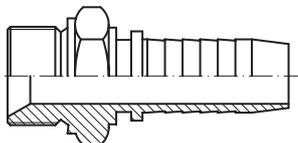
## METRIC SWIVEL FEMALE WITH O'RING (90° ELBOW) 24° CONE



REFERENCE	THREAD	SERIE	PIPE	DN
OPCL4FM12X1,5V90	12x1,5	L	6	3/16"
OPCL6FM12X1,5V90	12x1,5	L	6	1/4"
OPCL6FM14X1,5V90	14x1,5	L	8	1/4"
OPCL6FM16X1,5V90	16x1,5	L	10	1/4"
OPCL8FM16X1,5V90	16x1,5	L	10	5/16"
OPCL10FM16X1,5V90	16x1,5	L	10	3/8"
OPCL6FM18X1,5V90	18x1,5	L	12	1/4"
OPCL8FM18X1,5V90	18x1,5	L	12	5/16"
OPCL10FM18X1,5V90	18x1,5	L	12	3/8"
OPCL10FM22X1,5V90	22x1,5	L	15	3/8"
OPCL12FM22X1,5V90	22x1,5	L	15	1/2"
OPCL12FM26X1,5V90	26x1,5	L	18	5/8"
OPCL16FM30X1,5V90	30x2	L	22	5/8"
OPCL16FM30X2V90	30x2	L	22	3/4"
OPCL1FM36X2V90	36x2	L	28	1"
OPCL114FM45X2V90	45x2	L	35	1"1/4
OPCL112FM52X2V90	52x2	L	42	1"1/2
OPCS6FM16X1,5V90	16x1,5	S	8	1/4"
OPCS6FM18X1,5V90	18x1,5	S	10	1/4"
OPCS8FM18X1,5V90	18x1,5	S	10	5/16"
OPCS10FM18X1,5V90	18x1,5	S	10	3/8"
OPCS6FM20X1,5V90	20x1,5	S	12	1/4"
OPCS8FM20X1,5V90	20x1,5	S	12	5/16"
OPCS10FM20X1,5V90	20x1,5	S	12	3/8"
OPCS10FM22X1,5V90	22x1,5	S	14	3/8"
OPCS12FM24X1,5V90	24x1,5	S	16	1/2"
OPCS16FM30X2V90	30x2	S	20	5/8"
OPCS34FM30X2V90	30x2	S	20	3/4"
OPCS34FM36X2V90	36x2	S	25	3/4"
OPCS1FM36X2V90	36x2	S	25	1"
OPCS1FM42X2V90	42x2	S	30	1"
OPCS114FM52X2V90	52x2	S	38	1"1/4

TYPE HF

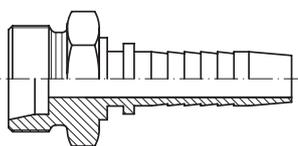
BSP MALE PARALLEL 60° CONE



REFERENCE	THREAD	DN
OPC4M18	1/8" BSP	3/16"
OPC6M18	1/8" BSP	1/4"
OPC3M14	1/4" BSP	1/8"
OPC4M14	1/4" BSP	3/16"
OPC6M14	1/4" BSP	1/4"
OPC10M14	1/4" BSP	3/8"
OPC6M38	3/8" BSP	1/4"
OPC8M38	3/8" BSP	5/16"
OPC10M38	3/8" BSP	3/8"
OPC12M38	3/8" BSP	1/2"
OPC6M12	1/2" BSP	1/4"
OPC10M12	1/2" BSP	3/8"
OPC12M12	1/2" BSP	1/2"
OPC12M58	5/8" BSP	1/2"
OPC16M58	5/8" BSP	5/8"
OPC12M34	3/4" BSP	1/2"
OPC16M34	3/4" BSP	5/8"
OPC34M34	3/4" BSP	3/4"
OPC34M1	1" BSP	3/4"
OPC1M1	1" BSP	1"
OPC1M114	1"1/4 BSP	1"
OPC114M114	1"1/4 BSP	1"1/4"
OPC114M112	1"1/2 BSP	1"1/2"
OPC2M2	2" BSP	2"

TYPE HF

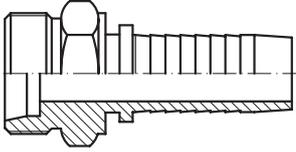
METRIC STUD 24° CONE FRENCH SERIES



REFERENCE	THREAD	PIPE	DN
OPC6M20X1,5	M20X1.5	13.2	1/4"
OPC8M20X1,5	M20X1.5	13.2	5/16"
OPC10M20X1,5	M20X1.5	13.2	3/8"
OPC8M24X1,5	M24X1.5	16.7	5/16"
OPC10M24X1,5	M24X1.5	16.7	3/8"
OPC12M24X1,5	M24X1.5	16.7	1/2"
OPC16M30X1,5	M30X1.5	21.2	5/8"
OPC34M30X1,5	M30X1.5	21.2	3/4"
OPC34M36X1,5	M36X1.5	26.7	3/4"
OPC1M45X1,5	M45X1.5	33.5	1"

## TYPE HF

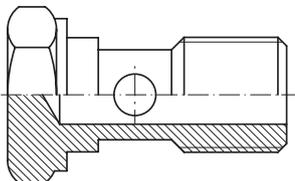
## MALE STUD METRIC THREAD 24° CONE



REFERENCE	THREAD	SERIE	PIPE	DN
OPC4M12X1,5L	12x1,5	L	6	3/16"
OPC6M12X1,5L	12x1,5	L	6	1/4"
OPC6M14X1,5L	14x1,5	L	8	1/4"
OPC6M16X1,5L	16x1,5	L	10	1/4"
OPC8M16X1,5L	16x1,5	L	10	5/16"
OPC10M16X1,5L	16x1,5	L	10	3/8"
OPC6M18X1,5L	18x1,5	L	12	1/4"
OPC8M18X1,5L	18x1,5	L	12	5/16"
OPC10M18X1,5L	18x1,5	L	12	3/8"
OPC10M22X1,5L	22x1,5	L	15	3/8"
OPC12M22X1,5L	22x1,5	L	15	1/2"
OPC12M26X1,5L	26x1,5	L	18	1/2"
OPC16M26X1,5L	26x1,5	L	18	5/8"
OPC34M30X2L	30x2	L	22	3/4"
OPC1M36X2L	36x2	L	28	1"
OPC114M45X2L	45x2	L	35	1"1/4
OPC112M52X2L	52x2	L	42	1"1/2
OPC6M16X1,5S	16x1,5	S	8	1/4"
OPC6M18X1,5S	18x1,5	S	10	1/4"
OPC8M18X1,5S	18x1,5	S	10	5/16"
OPC10M18X1,5S	18x1,5	S	10	3/8"
OPC8M20X1,5S	20x1,5	S	12	5/16"
OPC10M20X1,5S	20x1,5	S	12	3/8"
OPC10M22X1,5S	22x1,5	S	14	3/8"
OPC12M24X1,5S	24x1,5	S	16	1/2"
OPC16M30X2S	30x2	S	20	5/8"
OPC34M30X2S	30x2	S	20	3/4"
OPC34M36X2S	36x2	S	25	3/4"
OPC1M36X2S	36x2	S	25	1"
OPC1M42X2S	42x2	S	30	1"
OPC114M52X2S	52x2	S	38	1"1/4

TYPE HF

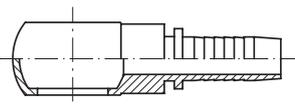
BSP BOLT FOR **BANJO**



REFERENCE	THREAD
PBB18	1/8" BSP
PBB14	1/4" BSP
PBB38	3/8" BSP
PBB12	1/2" BSP
PBB34	3/4" BSP
PBB1	1" BSP
PBB114	1"1/4 BSP
PBB112	1"1/2 BSP

TYPE HF

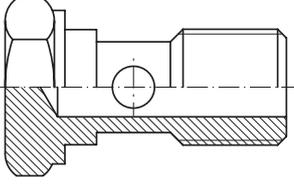
BANJO **BSP**



REFERENCE	ØD	DN
ABT4P14	1/4" BSP	3/16"
ABT6P14	1/4" BSP	1/4"
ABT8P14	1/4" BSP	5/16"
ABT10P14	1/4" BSP	3/8"
ABT6P38	3/8" BSP	1/4"
ABT8P38	3/8" BSP	5/16"
ABT10P38	3/8" BSP	3/8"
ABT12P38	3/8" BSP	1/2"
ABT10P12	1/2" BSP	3/8"
ABT12P12	1/2" BSP	1/2"
ABT16P58	5/8" BSP	5/8"
ABT12P34	3/4" BSP	1/2"
ABT16P34	3/4" BSP	5/8"
ABT34P34	3/4" BSP	3/4"
ABT1P1	1" BSP	1"

## TYPE HF

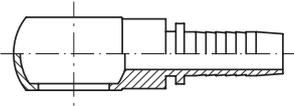
## METRIC BOLT FOR BANJO



REFERENCE	THREAD
PBMM8x1	M8x1
PBMM10x1	M10x1
PBMM12x1.5	M12x1.5
PBMM14x1.5	M14x1.5
PBMM16x1.5	M16x1.5
PBMM18x1.5	M18x1.5
PBMM22x1.5	M22x1.5
PBMM26x1.5	M26x1.5
PBMM30x1.5	M30x1.5

## TYPE HF

## BANJO METRIC BANJO



REFERENCE	D	DN
BJM10x1M4	M10x1	3/16"
BJM10x1M6	M10x1	1/4"
BJM10x1M8	M10x1	5/16"
BJM12x1.5M3	M12x1	1/8"
BJM12x1.5M4	M12x1.5	3/16"
BJM12x1.5M6	M12x1.5	1/4"
BJM14x1.5M6	M14x1.5	1/4"
BJM14x1.5M8	M14x1.5	5/16"
BJM14x1.5M10	M14x1.5	3/8"
BJM16x1.5M8	M16x1.5	5/16"
BJM16x1.5M10	M16x1.5	3/8"
BJM18x1.5M10	M18x1.5	3/8"
BJM18x1.5M12	M18x1.5	1/2"
BJM22x1.5M12	M22x1.5	1/2"
BJM22x1.5M16	M22x1.5	5/8"
BJM30x2M34	M30x2	3/4"



# ZONA**CENTRO**



## **TECHNICAL PRODUCTS** HYDRAULIC

### **USING AREA**

- Industrial
- Construction equipment
- Agriculture
- High pressure
- In other industries in general

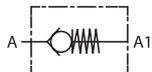
### **DESCRIPTION**

With a wealth of knowledge and experience in fluid dynamics, our expertise in the hydraulics enables us to provide components for your applications and in compliance with pressure equipment standards.

**ZonaCentro** has a varied line of articulated lifting rings at your disposal.

### TYPE HCV

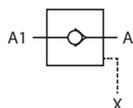
### CHECK-VALVE **LINE MOUNTING**



REFERENCE	THREAD	MAX. FLOW	MAX. PRESSURE	SETTING
CHM14F	1/4" BSP	12	350	0,5
CHM38F	3/8" BSP	30	350	0,5
CHM12F	1/2" BSP	45	320	0,5
CHM34F	3/4" BSP	85	300	0,5
CHM1F	1" BSP	140	250	0,5

### TYPE HCV

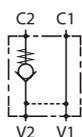
### PILOT OPERATED LINE SIMPLE **CHECK VALVE**



REFERENCE	THREAD	MAX. FLOW	MAX. PRESSURE
POCH14F14	1/4" BSP	1/4" BSP	12
POCH14F38	3/8" BSP	1/4" BSP	30
POCH14F12	1/2" BSP	1/4" BSP	45

### TYPE HCV

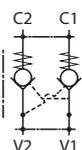
### PILOT OPERATED SIMPLE CHECK VALVE IN **BLOCK LINE**



REFERENCE	THREAD	MAX. FLOW	MAX. PRESSURE
POSBL38F	3/8" BSP	30	250
POSBL12F	1/2" BSP	45	250

### TYPE HCV

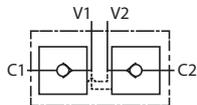
### PILOT OPERATED DOUBLE CHECK VALVE IN **BLOCK LINE**



REFERENCE	THREAD	MAX. FLOW	MAX. PRESSURE
PODBL38F	3/8" BSP	25	250
PODBL12F	1/2" BSP	45	250

TYPE **HCV**

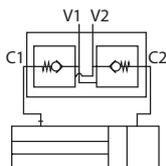
PILOT OPERATED DOUBLE CHECK VALVES IN **BLOCK INT**



REFERENCE	THREAD	MAX. FLOW	MAX. PRESSURE
PODBT14F12	1/4" BSP	12	350
PODBT38F30	3/8" BSP	30	300
PODBT38F20	3/8" BSP	20	300
PODBT12F45	1/2" BSP	45	300

TYPE **HCV**

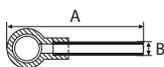
PILOT OPERATED DOUBLE CHECK VALVES IN BLOCK WITH **2 FITTINGS**



REFERENCE	PIPE	THREAD	MAX. FLOW	MAX. PRESSURE
PODV2F38F	12	3/8" BSP	20	250

TYPE **HCV**

PIPE FOR VT008006202RO **BODY**



REFERENCE	MAX. PRESSURE	A	B
PB01VT	250	42	12
PB02VT	250	200	12
PB03VT	250	300	12
PB04VT	250	400	12
PB05VT	250	500	12

### TYPE HFD

### FLOW DIVIDERS WITHOUT VALVES - GROUP 0



REFERENCE	GROUP	MIN. FLOW	MAX. FLOW	MAX. PRESSURE	CM <sup>3</sup> /BODY	BODIES NR.	R.P.M.
DFG0NV01	0	0,6	3	210	0,45	2	7500
DFG0NV02	0	1,2	5,6	210	0,98	2	7500
DFG0NV03	0	1,9	8	210	1,52	2	7500
DFG0NV04	0	1	4,8	210	0,76	4	7500
DFG0NV05	0	1,2	5,6	210	0,98	4	7500
DFG0NV06	0	1,5	7,2	210	1,27	6	7500

### TYPE HFD

### FLOW DIVIDERS WITHOUT VALVES - GROUP 1



REFERENCE	GROUP	MIN. FLOW	MAX. FLOW	MAX. PRESSURE	CM <sup>3</sup> /BODY	BODIES NR.	R.P.M.
DFG1NV01	1	1	6	220	0,9	2	6500
DFG1NV02	1	3	15,5	220	2,6	2	6500
DFG1NV03	1	4,5	23	220	4,3	2	6500
DFG1NV04	1	6,5	30	220	5,9	2	6500
DFG1NV05	1	8,5	35,5	210	7,8	2	6500
DFG1NV06	1	11	41	200	9,8	2	6500
DFG1NV07	1	2	9	220	1,7	4	6500
DFG1NV08	1	3	15,5	220	2,6	4	6500
DFG1NV09	1	4,5	23	220	4,3	4	6500
DFG1NV10	1	6,5	30	220	5,9	4	6500
DFG1NV11	1	3	15,5	220	2,6	6	6500
DFG1NV12	1	3	15,5	220	2,6	8	6500
DFG1NV13	1	6,5	30	220	5,9	8	6500

### TYPE HFD

### FLOW DIVIDERS WITHOUT VALVES - GROUP 2



REFERENCE	GROUP	MIN. FLOW	MAX. FLOW	MAX. PRESSURE	CM <sup>3</sup> /BODY	BODIES NR.	R.P.M.
DFG2NV01	2	13,2	27,5	210	11	2	2500
DFG2NV02	2	16,8	35	200	14	2	2500
DFG2NV03	2	20,4	42,5	200	17	2	2500
DFG2NV04	2	22,8	47,5	190	19	2	2500
DFG2NV05	2	26,4	55	180	22	2	2500
DFG2NV06	2	31,2	65	160	26	2	2500
DFG2NV07	2	36	75	160	30	2	2500
DFG2NV08	2	13,2	27,5	210	11	3	2500
DFG2NV09	2	48	100	130	40	2	2500
DFG2NV10	2	31,2	65	160	26	3	2500
DFG2NV11	2	13,2	27,5	210	11	4	2500
DFG2NV12	2	36	75	160	30	4	2500

TYPE HFD

FLOW DIVIDERS WITH VALVES - GROUP 0



REFERENCE	GROUP	MIN. FLOW	MAX. FLOW	MAX. PRESSURE	CM <sup>3</sup> / BODY	BODIES NR.	R.P.M.
DFG0WV01	0	0,6	3	210	0,45	2	7500
DFG0WV02	0	1,2	5,6	210	0,98	2	7500
DFG0WV03	0	1,9	8	210	1,52	2	7500
DFG0WV04	0	2,6	10,3	210	2,30	2	7500
DFG0WV05	0	0,3	1,8	220	0,25	4	6500
DFG0WV06	0	0,3	1,8	220	0,25	4	6500
DFG0WV07	0	1	4,8	210	0,76	4	7500
DFG0WV08	0	1,9	8	210	1,52	4	7500

TYPE HFD

FLOW DIVIDERS WITH VALVES - GROUP 1



REFERENCE	GROUP	MIN. FLOW	MAX. FLOW	MAX. PRESSURE	CM <sup>3</sup> / BODY	BODIES NR.	R.P.M.
DFG1WV01	1	3	15,5	220	2,6	2	6500
DFG1WV02	1	4	21	220	3,8	2	6500
DFG1WV03	1	4,5	23	220	4,3	2	6500
DFG1WV04	1	6,5	30	220	5,9	2	6500
DFG1WV05	1	8,5	35,5	210	7,8	2	6500
DFG1WV06	1	11	41	200	9,8	2	6500
DFG1WV07	1	3	15,5	220	2,6	3	6500
DFG1WV08	1	2	9	220	1,7	4	6500
DFG1WV09	1	3	15,5	220	2,6	4	6500
DFG1WV10	1	4,5	23	220	4,3	4	6500
DFG1WV11	1	6,5	30	220	5,9	4	6500
DFG1WV12	1	8,5	35,5	210	7,8	4	6500
DFG1WV13	1	7,5	32	220	6,5	5	6500

TYPE HFD

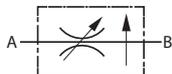
FLOW DIVIDERS WITH VALVES - GROUP 2



REFERENCE	GROUP	MIN. FLOW	MAX. FLOW	MAX. PRESSURE	CM <sup>3</sup> / BODY	BODIES NR.	R.P.M.
DFG2WV01	2	13,2	27,5	210	11	2	2500
DFG2WV02	2	16,8	35	200	14	2	2500
DFG2WV03	2	20,4	45	200	17	2	2500
DFG2WV04	2	22,8	47,5	190	19	2	2500
DFG2WV05	2	26,4	55	180	22	2	2500
DFG2WV06	2	31,2	65	160	26	2	2500
DFG2WV07	2	36	75	160	30	2	2500
DFG2WV08	2	10,8	22,5	210	9	4	2500
DFG2WV09	2	13,2	27,5	210	11	4	2500

### TYPE HRV

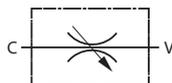
### COMPENSATED INSERTABLE FLOW **RESTRICTOR VALVE**



REFERENCE	THREAD	MÍN. PRESS.	FLOW (l/min)	MAX. PRESSURE	FILTRATION DEGREE
RVFM33X1,5	M33x1,5	7,5	18	320	25
RVFM39X1,5	M39x1,5	10	35	320	25
RVFM48X2	M48x2	12	65	320	25

### TYPE HFR

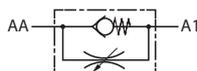
### ADJUSTABLE SCREW FITTING WITH **FLOW RESTRICTOR**



REFERENCE	THREAD	MAX. PRESSURE
FR14A	1/4" BSP	320
FR38A	3/8" BSP	320

### TYPE HFR

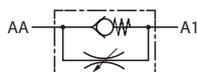
### UNIDIRECTIONAL FLOW RESTRICTOR VALVE **METALLIC KNOB**



REFERENCE	THREAD	MAX. FLOW (l/min)	MAX. PRESSURE
UFR14MK	1/4" BSP	12	300
UFR38MK	3/8" BSP	25	300
UFR12MK	1/2" BSP	40	280

### TYPE HFR

### UNIDIRECTIONAL FLOW RESTRICTOR VALVE **PLASTIC KNOB**



REFERENCE	THREAD	MAX. FLOW (l/min)	MAX. PRESSURE
UFR14PK	1/4" BSP	12	300
UFR38PK	3/8" BSP	30	300
UFR12PK	1/2" BSP	45	280
UFR34PK	3/4" BSP	85	250

TYPE **HFR**

BIDIRECTIONAL FLOW RESTRICTOR VALVE **METALLIC KNOB**



REFERENCE	THREAD	MAX. FLOW (l/min)	MAX. PRESSURE
BFR14MK	1/4" BSP	12	300
BFR38MK	3/8" BSP	30	300
BFR12MK	1/2" BSP	45	280

TYPE **HFR**

BIDIRECTIONAL FLOW RESTRICTOR VALVE **PLASTIC KNOB**



REFERENCE	THREAD	MAX. FLOW (l/min)	MAX. PRESSURE
BFR14PK	1/4" BSP	12	300
BFR38PK	3/8" BSP	30	300
BFR12PK	1/2" BSP	45	280
BFR34PK	3/4" BSP	85	250

TYPE **HFR**

NUT BULKHEAD FLOW RESTRICTOR VALVE **FPU AND FPB**



REFERENCE	DESCRIPTION
FRV14	Para / For FPU/FPB M21x1
FRV38	Para / For FPU/FPB M25x1.5
FRV12	Para / For FPU/FPB M30x1.5
FRV34	Para / For FPU/FPB M35x1.5

**TYPE HFR**

UNIDIRECTIONAL FLOW RESTRICTOR VALVE SHORT, **210BAR F-F-CHROMED**



REFERENCE	THREAD		MAX. FLOW (l/min)	MAX. PRESSURE	FILTRATION DEGREE
UFRVS01S	1/4" BSP	M17X1	9	210	25
UFRVS02S	3/8" BSP	M20X1	22	210	25
UFRVS03S	1/2" BSP	M25X1,5	35	210	25

**TYPE HFR**

UNIDIRECTIONAL FLOW RESTRICTOR VALVE **210 BAR F-F CHROMED**



REFERENCE	THREAD		MAX. FLOW (l/min)	MAX. PRESSURE	FILTRATION DEGREE
UFRVS01	1/4" BSP	M17X1	12	210	25
UFRVS02	3/8" BSP	M20X1	30	210	25
UFRVS03	1/2" BSP	M25X1,5	60	210	25

**TYPE HFR**

BIDIRECTIONAL FLOW RESTRICTOR VALVE **210 BAR F-F CHROMED**



REFERENCE	THREAD		MAX. FLOW (l/min)	MAX. PRESSURE	FILTRATION DEGREE
BFRVS01	1/4" BSP	M17X1	12	210	25
BFRVS02	3/8" BSP	M20X1	30	210	25
BFRVS03	1/2" BSP	M25X1,5	60	210	25



## ARTICULATED **LIFTING RINGS**

### USING AREA

- Construction equipments
- During transport.
- Industrial
- Other application

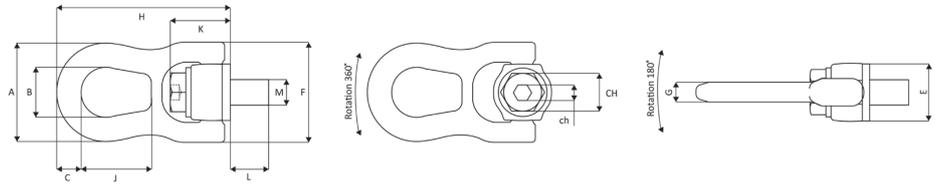
### DESCRIPTION

- The lifting rings are designed to lift and move heavy loads, equipment or materials, thanks to a tilt up to 360°.
- The recorded tightening torque avoids the risk of twisting and screw breakage.

**ZonaCentro** has a varied line of articulated lifting rings at your disposal.

TYPE A

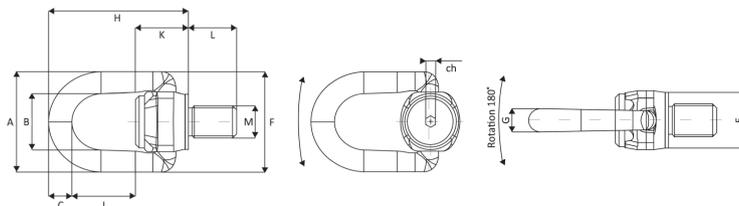
HEAVY LIFT SWIVEL HOIST EYEBOLT



REFERENCE	SIZE	W.L.L	A	B	C	E	F	G	H	J	K	L	CH	ch
AREM8	M8	0,3	56	28	14	30	55	11	99	40	33,5	12	13	5
AREM10	M10	0,6	56	28	14	30	55	11	99	40	34,5	15	17	6
AREM12	M12	1	56	28	14	30	55	11	99	40	35,5	18	19	7
AREM14	M14	1,3	74,5	38	18	47	78	17	135,5	55	46	21	22	7
AREM16	M16	1,6	74,5	38	18	47	78	17	135,5	55	46,5	25	24	10
AREM18	M18	2	74,5	38	18	47	78	17	135,5	55	47	27	27	10
AREM20	M20	2,5	74,5	38	18	47	78	17	135,5	55	48	30	30	12
AREM22	M22	3	106	56	25	62	114,5	22	198,5	84	63,5	33	32	12
AREM24	M24	4	106	56	25	62	114,5	22	198,5	84	64,5	36	36	14
AREM27	M27	5	106	56	25	62	114,5	22	198,5	84	66,5	40	41	14
AREM30	M30	6,3	106	56	25	62	114,5	22	198,5	84	68	45	46	17

TYPE B

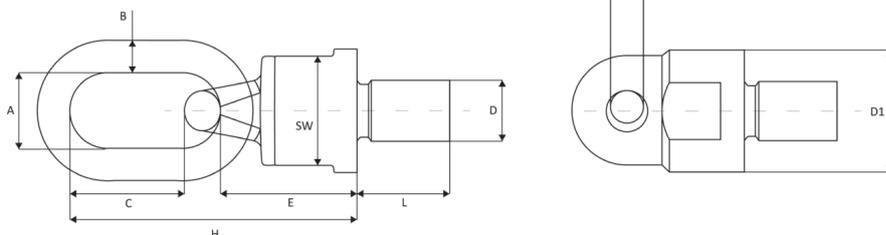
HEAVY LIFT SWIVEL HOIST EYEBOLT



REFERENCE	SIZE	W.L.L	A	B	C	E	F	G	H	J	K	L	CH
BREM33	M33	8	150	85	32	76,5	150	32	220	108	80	50	17
BREM36	M36	10	150	85	32	76,5	150	32	220	108	80	54	17
BREM39	M39	10	150	85	32	76,5	150	32	220	108	80	58	17
BREM42	M42	12,5	150	85	32	76,5	150	32	220	108	80	63	17
BREM45	M45	15	176	100	39	95	176	39	257	128	90	63	17
BREM48	M48	17	176	100	39	95	176	39	257	128	90	68	17
BREM52	M52	20	176	100	39	95	176	39	257	128	90	68	17
BREM56	M56	25	200	113	46	110	200	46	277	126	105	78	19
BREM64	M64	35	200	113	46	110	200	46	277	126	105	90	19
BREM72	M72	25	200	113	46	110	200	46	277	126	105	90	19
BREM80	M80	35	200	113	46	110	200	46	277	126	105	90	19
BREM90	M90	35	200	113	46	110	200	46	277	126	105	90	19
BREM100	M100	35	200	113	46	110	200	46	277	126	105	90	19

TYPE C

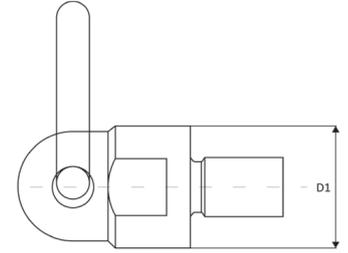
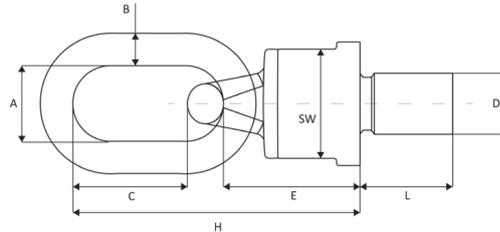
ROTATING EYEBOLT WITH RING **EYEBOLT**



REFERENCE	SIZE	W.L.L	A	B	C	E	H	SW	ØD1
CREM816	M8x16	0,3	30	13	46	50	105	30	38
CREM818	M8x18	0,3	30	13	46	50	105	30	38
CREM1018	M10x18	0,3	30	13	46	50	105	30	38
CREM1218	M12x18	0,5	30	13	46	50	105	30	38
CREM1225	M12x25	0,5	30	13	46	50	105	30	38
CREM1620	M16x20	1,12	30	13	46	50	105	30	38
CREM1630	M16x30	1,12	30	13	46	50	105	30	38
CREM2030T112	M20x30	1,12	30	13	46	50	105	30	38
CREM2030	M20x30	2	34	16	57	61	131	40	50
CREM2430	M24x30	3,15	40	18	70	68	153	48	58
CREM3035T53	M30x35	5,3	45	22	65	80	165	65	75
CREM3045T53	M30x45	5,3	45	22	65	80	165	65	75
CREM3035	M30x35	8	50	23	95	95	205	75	85
CREM3045	M30x45	8	50	23	95	95	205	75	85
CREM3654	M36x54	8	50	23	95	95	205	75	85
CREM4263	M42x63	10	50	23	95	95	205	75	85
CREM4860	M48x60	15	70	32	120	130	280	95	120
CREM5678	M56x78	15	70	32	120	130	280	95	120
CREM6496	M64x96	15	70	32	120	130	280	95	120
CREM72108	M72x108	25	90	45	130	165	338	134	170
CREM80120	M80x120	30	90	45	130	165	338	134	170
CREM90135	M90x135	35	90	45	130	165	338	134	170

### TYPE D

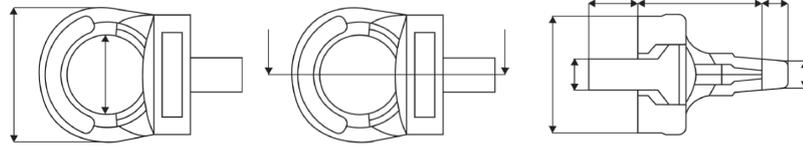
### ROTATING EYEBOLT WITH RING EYEBOLT



REFERENCE	SIZE	W.L.L	A	B	C	E	H	SW	ØD1
DREM816	M8x16	0,3	30	13	46	50	105	30	38
DREM818	M8x18	0,3	30	13	46	50	105	30	38
DREM1018	M10x18	0,5	30	13	46	50	105	30	38
DREM1218	M12x18	0,7	30	13	46	50	105	30	38
DREM1420	M14x20	1	30	13	46	50	105	30	38
DREM1620	M16x20	1,4	30	13	46	50	105	30	38
DREM2030T17	M20x30	1,7	30	13	46	50	105	30	38
DREM2430T17	M24x30	1,7	30	13	46	50	105	30	38
DREM2030	M20x30	2,5	34	16	57	61	131	40	50
DREM2430	M24x30	4	40	18	70	68	153	48	58
DREM3035T4	M30x35	4	40	18	70	68	153	48	58
DREM3035	M30x35	6,7	45	22	65	71	156	70	80
DREM3045	M30x45	8	50	23	91	86	200	80	90
DREM3654	M36x54	10	50	23	91	86	200	80	90
DREM4263	M42x63	12,5	50	23	91	86	200	80	90
DREM4560T125	M45x60	12,5	50	23	91	86	200	80	90
DREM4872	M48x72	12,5	50	23	91	86	200	80	90
DREM4560	M45x60	16	70	32	120	112	262	100	120
DREM4860	M48x60	17	70	32	120	112	262	100	120
DREM5678	M56x78	18	70	32	120	112	262	100	120
DREM6496T20	M64x96	20(25)	70	32	120	112	262	100	120
DREM6496T28	M64x96	28	90	45	124	165	333	134	170
DREM72108T315	M72x108	31,5	90	45	124	165	333	134	170
DREM6496	M64x96	35	90	45	124	165	333	134	170
DREM72108	M72x108	40	90	45	124	165	333	134	170

TYPE E

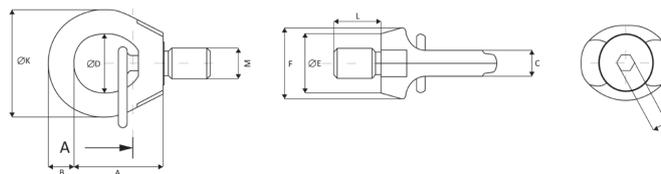
ROTATING EYEBOLT WITH CLAMP **EYEBOLT**



REFERENCE	SIZE	W.L.L	A	B	C	D	E	F	G	H	I	W	J	K	Ch
EREM8	M8	0,3	57	34	10	78	24	41	30	26,5	25	43	51	35	13
EREM10	M10	0,63	57	34	10	78	24	41	30	26,5	25	42	51	35	17
EREM12	M12	1	66	38	13,5	85	30	50	36	33	32	40	52	28	19
EREM16	M16	1,5	66	38	13,5	85	30	50	36	33	32	38	52	28	24
EREM20	M20	2,5	87	55	16	111	48	68	44	42,5	45	54	71	36	30
EREM24	M24	4	87	55	16	111	48	68	44	42,5	45	51	71	36	36
EREM27	M27	4	109	66	22,5	145	54	91	63	58,5	60	64	86	47	41
EREM30	M30	5	109	66	22,5	145	54	91	65	58,5	60	62	86	47	46
EREM36T7	M36	7	109	66	22,5	145	54	91	55	58,5	60	60	86	43	55
EREM36	M36	8	136	78	28	190	62	108	81	72,5	70	88	115	74	55
EREM42T10	M42	10	136	78	28	190	62	108	75	72,5	70	86	115	70	65
EREM42	M42	15	169	97	36	242	68	131	89	87,5	85	121	151	97	65
EREM48	M48	20	169	97	36	242	68	131	89	87,5	95	117	151	93	75

TYPE F

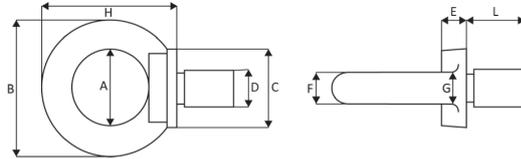
ROTATING EYEBOLT T.H **EYEBOLT**



NO KEY	WITH KEY	SIZE	W.L.L	A	B	C	D	E	F	K	L	CH
FREM8	FREM8K	M8	0,3	35	11	9	25	25	30	47	12	6
FREM10	FREM10K	M10	0,4	35	11	9	25	25	30	47	15	6
FREM12	FREM12K	M12	0,75	43	12,5	11,5	30	30	36,5	55,5	18	7
FREM14	FREM14K	M14	0,75	43	12,5	11,5	30	30	36,5	55,5	18	7
FREM16	FREM16K	M16	1,5	49,5	14,5	15,7	35	35	41,8	64,5	24	8
FREM18	FREM18K	M18	1,5	49,5	14,5	15,7	35	35	41,8	64,5	24	8
FREM20	FREM20K	M20	2,3	58	16	18	40	42	51,5	74,5	30	10
FREM22	FREM22K	M22	2,3	58	16	18	40	42	51,5	74,5	30	10
FREM24	FREM24K	M24	3,2	69	20,5	22	49	50	58	90	36	12
FREM27	FREM27K	M27	3,2	69	20,5	22	49	50	58	90	36	12
FREM30	FREM30K	M30	4,5	86	25,5	28	60	66	73	111	45	17
FREM33	FREM33K	M33	4,5	86	25,5	28	60	66	73	111	45	17
FREM36	FREM36K	M36	7	107	32	32	74	75	96,5	135	54	22
FREM42	FREM42K	M42	9	120	38	40,5	82	85	110	158	63	24
FREM48	FREM48K	M48	12	139	43	44	95	100	124,5	179	72	27

TYPE G

ROTATING EYEBOLT WITH CLAMP **EYEBOLT**



REFERENCE	SIZE	A	B	C	E	F	G	H	L	MAX. TIGHTENING COUPLE
GREM6	M6	20	36	20	6	8	10	36	13	3,5
GREM8	M8	20	36	20	6	8	10	36	13	8
GREM10	M10	25	45	25	8	10	12	45	17	16
GREM12	M12	30	54	30	10	12	14	53	20,5	28
GREM14	M14	30	54	30	10	12	14	53	20,5	45
GREM16	M16	35	63	35	12	14	16	62	27	70
GREM18	M18	35	63	35	12	14	16	62	27	95
GREM20	M20	40	72	40	14	16	19	71	30	135
GREM22	M22	40	72	40	14	16	19	71	30	182
GREM24	M24	50	90	50	18	20	24	90	36	230
GREM27	M27	54	98	62	20	22	26	99	40	343
GREM30	M30	60	108	65	22	24	28	109	45	465
GREM33	M33	60	108	65	22	24	28	109	45	632
GREM36	M36	70	126	75	26	28	32	128	54	814
GREM39	M39	80	144	85	30	32	38	147	63	1059
GREM42	M42	80	144	85	30	32	38	147	63	1304
GREM45	M45	90	166	100	35	38	46	168	68	1638
GREM48	M48	90	166	100	35	38	46	168	68	1981
GREM52	M52	100	184	110	38	42	50	187	78	2540
GREM56	M56	100	184	110	38	42	50	187	78	3000
GREM64	M64	110	206	120	42	48	58	208	90	4736
GREM72	M72	140	260	150	50	60	72	260	100	6913
GREM80	M80	160	296	170	55	68	80	298	112	9625
GREM100	M100	180	330	190	60	75	88	330	130	19613