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Reduction sockets

Female thread : female thread



Brass

IG : IG
1/8" : 1/4"
1/4" : 3/8"
1/4" : 1/2"
3/8" : 1/2"

R+M Nr.	P	I
518 20	400 bar	26 mm
518 60	400 bar	28 mm



Stainless steel

R+M Nr.	P	I
040 001 023	400 bar	26 mm



Nickel-plated brass

R+M Nr.	P	I
518 524	50 bar	24 mm
518 534	50 bar	26 mm

Sockets

Female thread : female thread



Hexagon. Brass

IG : IG
1/8" : 1/8"
1/4" : 1/4"
3/8" : 3/8"
1/2" : 1/2"
3/4" : 3/4"

R+M Nr.	P	I
518 10	400 bar	22 mm
518 30	400 bar	26 mm
518 40	300 bar	26 mm
518 50	250 bar	30 mm
518 55	150 bar	36 mm



Hexagon. Stainless steel

R+M Nr.	P	I
518 19	500 bar	22 mm
518 39	500 bar	25 mm
518 49	400 bar	26 mm
518 59	400 bar	34 mm
518 559	250 bar	36 mm



Hexagon. Zinc-plated steel

IG : IG
1/4" : 1/4"

R+M Nr.	P	I
518 32	400 bar	25 mm



Round. Zinc-plated steel

R+M Nr.	P	I
519 00	500 bar	25 mm



Round. Stainless steel

R+M Nr.	P	I
519 009	500 bar	25 mm

Reduction double nipples

Male thread : male thread



Brass

AG : AG
1/8" : 1/4"
1/8" : 3/8"
1/4" : 3/8"
1/4" : 1/2"
3/8" : 1/2"
3/8" : 3/4"
1/2" : 3/4"
3/4" : 1"

R+M Nr.	P	I
570 20	400 bar	22 mm
570 30	400 bar	23 mm
570 50	400 bar	24 mm
570 60	400 bar	27 mm
570 80	400 bar	27 mm
571 00	250 bar	34 mm
571 20	150 bar	38 mm



Stainless steel

R+M Nr.	P	I
570 29	500 bar	29 mm
570 39	500 bar	30 mm
570 59	500 bar	33 mm
570 69	500 bar	37 mm
570 89	500 bar	40 mm
571 09	400 bar	43 mm
571 29	250 bar	45 mm



Zinc-plated steel

R+M Nr.	P	I
570 28	500 bar	28 mm
570 38	500 bar	30 mm
570 58	500 bar	32 mm
570 68	500 bar	35 mm
570 88	500 bar	37 mm
570 858	400 bar	39 mm
571 08	400 bar	40 mm
571 28	250 bar	46 mm

Double nipples

Male thread : male thread



Brass



Stainless steel



Zinc-plated steel

AG : AG
1/8" : 1/8"
1/4" : 1/4"
1/4" : 1/4"
3/8" : 3/8"
3/8" : 3/8"
1/2" : 1/2"
3/4" : 3/4"
1" : 1"

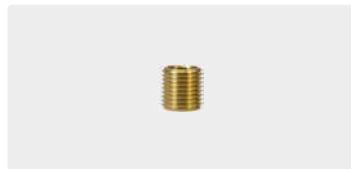
R+M Nr.	P	h
570 10	400 bar	20 mm
570 40	400 bar	23 mm
570 45	400 bar	30 mm
570 70	400 bar	25 mm
570 71	400 bar	30 mm
570 90	400 bar	30 mm
571 10	250 bar	37 mm
571 30	150 bar	41 mm

R+M Nr.	P	h
570 19	500 bar	25 mm
570 49	500 bar	29 mm
570 79	500 bar	35 mm
570 99	500 bar	42 mm
571 19	400 bar	44 mm
571 39	250 bar	43 mm

R+M Nr.	P	h
570 18	500 bar	25 mm
570 48	500 bar	29 mm
570 78	500 bar	34 mm
570 98	500 bar	38 mm
571 18	400 bar	42 mm
571 38	250 bar	48 mm

Reduction nipples

Female thread : male thread



Round. Brass



Hexagon. Brass



Hexagon. Stainless steel

IG : AG
1/8" : 1/4"
1/8" : 3/8"
1/8" : 1/2"
1/4" : 3/8"
1/4" : 1/2"
3/8" : 1/2"
3/8" : 3/4"
1/2" : 3/4"
3/4" : 1"

R+M Nr.	P	h
575 11	400 bar	13 mm

R+M Nr.	P	h
575 10	400 bar	13 mm
575 20	400 bar	14 mm
575 45	400 bar	20 mm
575 30	400 bar	14 mm
575 40	400 bar	20 mm
575 50	400 bar	20 mm
575 60	250 bar	20 mm
575 70	250 bar	20 mm
575 80	150 bar	23 mm

R+M Nr.	P	h
575 19	500 bar	18 mm
575 29	500 bar	18 mm
575 459	500 bar	18 mm
575 39	500 bar	20 mm
575 49	500 bar	25 mm
575 59	500 bar	23 mm
575 69	250 bar	24 mm
575 79	250 bar	27 mm
575 89	150 bar	27 mm



Hexagon. Zinc-plated steel

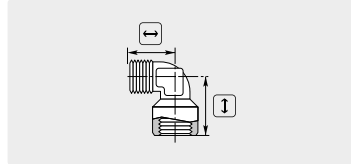
IG : AG
1/8" : 1/4"
1/8" : 3/8"
1/4" : 3/8"
1/4" : 1/2"
1/4" : 3/4"
3/8" : 1/2"
3/8" : 3/4"
1/2" : 3/4"
1/2" : 1"

R+M Nr.	P	h
575 18	500 bar	18 mm
575 28	500 bar	20 mm
575 38	500 bar	20 mm
575 48	500 bar	25 mm
575 468	500 bar	27 mm
575 58	500 bar	24 mm
575 68	250 bar	27 mm
575 78	250 bar	27 mm
575 758	150 bar	30 mm

Symbols IG female thread AG male thread h height P pressure

Elbow

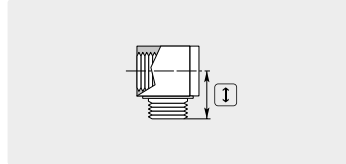
Female thread : male thread



Brass

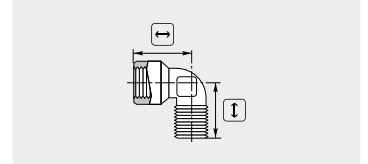
IG : AG
1/8" : 1/8"
1/4" : 1/4"
3/8" : 3/8"
1/2" : 1/2"

R+M Nr.	P	↔	↓
010 005 410	350 bar	29	29
010 005 400	350 bar	29	29



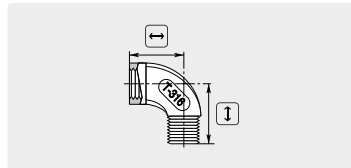
Brass (short version)

R+M Nr.	P	↓
572 00	250 bar	18 mm
572 10	250 bar	19 mm
572 20	250 bar	21 mm



Brass

R+M Nr.	P	↔	↓
572 30	150 bar	26	24
572 35	150 bar	26	24
572 36	150 bar	34	31

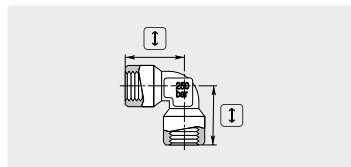


Stainless steel

IG : AG
1/4" : 1/4"
3/8" : 3/8"

R+M Nr.	P	↔	↓
579 15	150 bar	22	28
579 29	150 bar	23	31

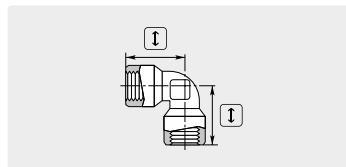
Female thread : female thread



Brass

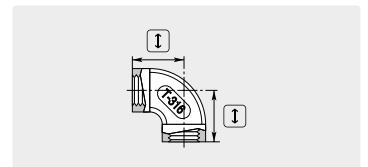
IG : IG
1/4" : 1/4"
3/8" : 3/8"
1/2" : 1/2"

R+M Nr.	P	↓
010 005 420	350 bar	29 mm
010 005 430	350 bar	29 mm



Nickel-plated brass

R+M Nr.	P	↓
572 40	150 bar	26 mm
572 50	150 bar	28 mm
572 51	150 bar	34 mm



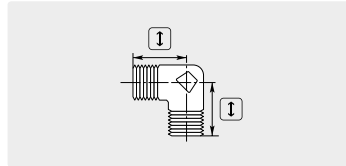
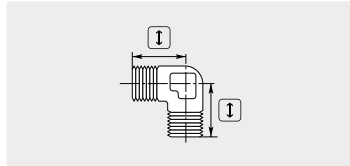
Stainless steel

R+M Nr.	P	↓
579 10	150 bar	19 mm
575 25	150 bar	25 mm

Symbols IG female thread AG male thread ↔ length ↓ height P pressure

Elbow

Male thread : male thread



Brass

Nickel-plated brass

AG : AG
1/4" : 1/4"
3/8" : 3/8"
1/2" : 1/2"

R+M Nr.	P	∅
010 005 440	350 bar	29 mm
010 005 450	350 bar	29 mm

R+M Nr.	P	∅
572 60	150 bar	24 mm
572 70	150 bar	27 mm
572 80	150 bar	32 mm

Reduction extension nipples

Female thread : male thread



Brass

Stainless steel

IG : AG
1/4" : 1/8"
1/4" : 3/8"
3/8" : 1/4"
3/8" : 1/2"
1/2" : 3/8"
3/4" : 1/2"
1" : 1/2"
1" : 3/4"
1-1/4" : 3/4"

R+M Nr.	P	∅
576 10	150 bar	25 mm
576 40	250 bar	29 mm
576 30	250 bar	26 mm
576 65	250 bar	34 mm
576 60	250 bar	32 mm
576 70	250 bar	34 mm
576 90	150 bar	26 mm

R+M Nr.	P	∅
576 19	400 bar	25 mm
576 49	400 bar	27 mm
576 39	400 bar	26 mm
576 659	400 bar	34 mm
576 69	400 bar	32 mm
576 79	400 bar	34 mm
576 88	400 bar	49 mm
576 900 9	250 bar	51 mm
576 910 9	250 bar	55 mm

Extension nipples

Female thread : male thread



Brass

Stainless steel

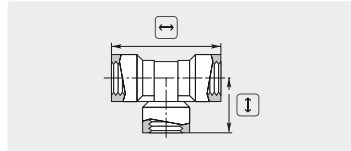
IG : AG
1/4" : 1/4"
3/8" : 3/8"
3/8" : 3/8"
1/2" : 1/2"

R+M Nr.	P	∅
576 20	400 bar	28 mm
576 50	250 bar	29 mm
576 55	250 bar	40 mm
576 80	250 bar	34 mm

R+M Nr.	P	∅
576 29	250 bar	26 mm
576 59	250 bar	29 mm
576 89	250 bar	34 mm

T-connections

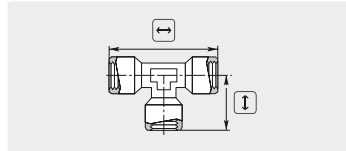
Female thread



Brass

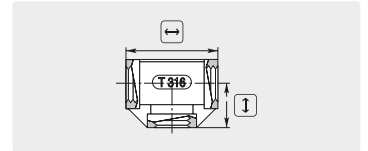
IG : IG
1/4" : 1/4"
3/8" : 3/8"
1/2" : 1/2"

R+M Nr.	P	↔	↓
010 005 480	350 bar	58	29



Brass

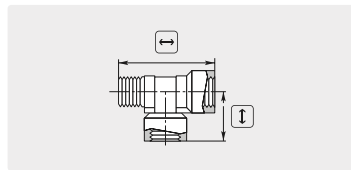
R+M Nr.	P	↔	↓
573 30	150 bar	51	25
573 32	150 bar	56	28
573 33	150 bar	70	35



Stainless steel

R+M Nr.	P	↔	↓
579 50	150 bar	39	20
579 60	150 bar	48	24
579 70	150 bar	52	26

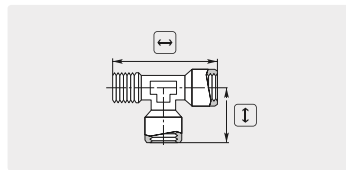
Female thread : male thread



Brass

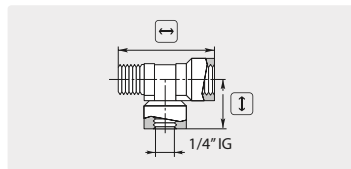
IG : AG
1/4" : 1/4"
3/8" : 3/8"
1/2" : 1/2"

R+M Nr.	P	↔	↓
010 005 470	350 bar	58	29



Nickel-plated brass

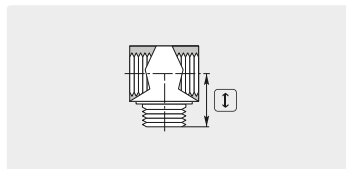
R+M Nr.	P	↔	↓
573 50	150 bar	49	26
573 60	150 bar	54	28
573 70	150 bar	67	32



Brass

IG : AG
1/8" : 1/8"
1/4" : 1/4"
3/8" : 3/8"
3/8" F : M : 1/4" F

R+M Nr.	P	↔	↓
010 005 460	350 bar	58	29



Brass (T-block)

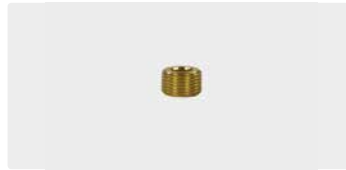
R+M Nr.	P	↔	↓
573 00	250 bar	16	16
573 10	250 bar	22	20
573 20	250 bar	27	22

Plugs

Male thread



Brass. With hexagon



Brass. With hexagon

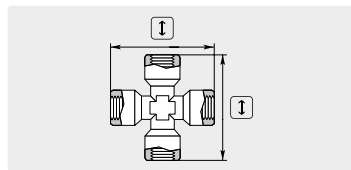
AG
1/8"
1/4"
3/8"
1/2"
3/4"

R+M Nr.	P	↑
578 01	250 bar	11 mm
578 15	250 bar	13 mm
578 25	250 bar	15 mm
578 30	250 bar	18 mm
578 40	150 bar	24 mm

R+M Nr.	P	↑
578 00	250 bar	8 mm
578 10	250 bar	10 mm
010 000 365	250 bar	10 mm

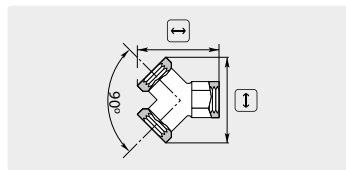
Distribution fittings

Cross

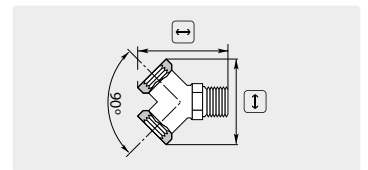


F. Nickel-plated brass

3-way



F. Nickel-plated brass



F : M. Nickel-plated brass

⊙
1/4"
3/8"
1/2"

R+M Nr.	P	↑
574 514	150 bar	51 mm

R+M Nr.	P	↔	↑
574 00	150 bar	32	36
574 10	150 bar	37	40
574 15	150 bar	45	53

R+M Nr.	P	↔	↑
574 35	150 bar	42	40

Swivel connectors

Female thread : male thread



Stainless steel

IG : AG
1/4" : 1/4"
3/8" : 3/8"
1/2" : 1/2"
1/2" : 3/8"

R+M Nr.	P	↑
582 03	350 bar	34 mm
582 04	350 bar	42 mm
582 02	200 bar	44 mm
582 01	350 bar	44 mm

R+M Nr.	P	↑
582 039	350 bar	34 mm
582 049	350 bar	42 mm
582 029	200 bar	44 mm
582 019	350 bar	44 mm

Symbols IG female thread AG male thread ↔ length ↑ height P pressure

Compression fittings (bicone ring system)

Straight screw connectors



X-GE. Zinc-plated steel

R+M Nr.	AG	AG	I
580 90	M10	1/8"	20 mm
580 95	M12	1/8"	23 mm
580 98	M12	1/4"	28 mm
580 99	M14	1/8"	24 mm
581 00	M14	1/4"	29 mm
581 05	M14	3/8"	31 mm
581 10	M16	1/4"	30 mm
581 20	M16	3/8"	28 mm
581 25	M16	1/2"	34 mm
581 50	M18	1/4"	31 mm
581 60	M18	3/8"	28 mm
581 55	M18	1/2"	31 mm
581 141 21	M22	1/2"	39 mm



X-GE. Stainless steel

R+M Nr.	AG	AG	I
581 19	M16	1/4"	30 mm
581 29	M16	3/8"	28 mm
581 59	M18	1/4"	31 mm
581 69	M18	3/8"	28 mm
596 143 81	M22	3/8"	41 mm
596 141 21	M22	1/2"	41 mm

Straight screw connectors



X-GAI. Zinc-plated steel

R+M Nr.	IG	AG	I
580 00	1/4"	M12	25 mm
580 10	1/4"	M14	31 mm
580 20	1/4"	M16	32 mm
580 50	3/8"	M16	28 mm
580 30	1/4"	M18	33 mm
580 40	3/8"	M18	33 mm



X-GAI. Stainless steel

R+M Nr.	IG	AG	I
580 29	1/4"	M16	32 mm
580 39	1/4"	M18	33 mm

Nominal pressure according to DIN 2401

LL = light series

L = solid series

S = heavy duty series

Other connections are available on request.

TYP	Stainless steel	Zinc-plated steel
LL (4 - 8)	100 bar	100 bar
L (6 - 10)	315 bar	500 bar
L (12 - 18)	315 bar	400 bar
L (22 - 42)	160 bar	250 bar
S (6 - 10)	630 bar	800 bar
S (12 - 16)	490 bar	630 bar
S (20 - 38)	315 bar	420 bar

Double nipples / connectors



X-G. Zinc-plated steel

R+M Nr.	AG	I
581 30	M16	27 mm
581 70	M18	28 mm



X-G. Stainless steel

R+M Nr.	AG	I
581 79	M18	28 mm

Elbows

WE-R. Zinc-plated steel.
With nut & bicone ring

R+M Nr.	AG	∅	I
583 00	1/8"	6	28
583 20	3/8"	12	35
583 121 4	1/4"	12	35

Pipe pieces

EG. Zinc-plated steel.
Nut & bicone ring premounted

R+M Nr.	∅	AG	∅	I
581 12	M14	1/4"	8	42
581 11	M16	1/4"	10	40
581 15	M16	3/8"	10	44
581 61	M18	3/8"	12	47
581 619*	M18	3/8"	12	47
581 13	M18	1/4"	12	47

X-EG. Zinc-plated steel.
Without nut & bicone ring

R+M Nr.	∅	AG	∅	I
582 25	M18	3/8"	12	47

Bicone rings



Zinc-plated steel

R+M Nr.	∅
584 102	10 (584 101)
584 122	12 (584 121)

Nut



Zinc-plated steel

R+M Nr.	∅
584 101	M16 (584 102)
584 121	M18 (584 122)

* Stainless steel

Quick screw couplings ST-740 and nipples ST-741

Quick screw couplings ST-740 and nipples ST-741



M24 F : M.
Max. 700 bar / 150 °C



M24 F : M.
Max. 700 bar / 150 °C



M : M24 M.
Max. 700 bar / 150 °C



M24 M : M24 M.
Max. 700 bar / 150 °C

⊙
3/8"
1/2"
M24

R+M Nr.
200 740 501
200 740 503

R+M Nr.
200 740 601

R+M Nr.
200 741 501
200 741 503

R+M Nr.
200 741 600



M24 F : F.
Max. 700 bar / 150 °C



M24 F : F.
Max. 700 bar / 150 °C



F : M24 M.
Max. 700 bar / 150 °C

⊙
1/4"
3/8"

R+M Nr.
200 740 504
200 740 502

R+M Nr.
200 740 604
200 740 602

R+M Nr.
200 741 504
200 741 502

Seals



O-ring - ST-740

R+M Nr.
050 000 408



O-ring - ST-741

R+M Nr.
050 001 000



Back ring - ST-740

R+M Nr.
050 000 407

Symbols female thread male thread length height thread diameter type

Suttner quick screw swivel couplings ST-44

Quick screw coupling : male thread



M22 F : M. Max. 400 bar / 150 °C

⊙
1/4"
3/8"
1/2"
M18
M22

R+M Nr.	ⓘ
568 00	54 mm
568 25	70 mm
568 26	73 mm
568 30	76 mm
568 10	76 mm



M21 F : M. Max. 400 bar / 150 °C

R+M Nr.	ⓘ
568 50	49 mm
568 70	46 mm



M22 F : M. Max. 200 bar

R+M Nr.	ⓘ
200 044 510	49 mm

M22 F : M22 M. Stainless steel.
Max. 400 bar / 150 °C

⊙
M22

R+M Nr.	ⓘ
568 19	56 mm

Quick screw coupling : female thread



M22 F : F. Max. 400 bar / 150 °C

⊙
1/4"
3/8"

R+M Nr.	ⓘ
568 15	67 mm
568 20	68 mm



M21 F : F. Max. 400 bar / 150 °C

R+M Nr.	ⓘ
568 80	67 mm

Seals ST-44



O-ring

R+M Nr.	VPE
050 000 651	1
568 009 100	100



U-ring

R+M Nr.
050 000 379



O-ring (back)

R+M Nr.	TYP
568 011	small
568 010	big



Back ring

R+M Nr.	VPE
050 001 511	1
568 008 100	100



Seal kit

R+M Nr.
568 001 1

Symbols ⓘ height ⊙ thread VPE packing unit TYP type

Quick screw couplings ST-241

Quick screw couplings with internal o-ring



1/2" F : F. Max. 300 bar / 150 °C



1/2" F : M. Max. 300 bar / 150 °C

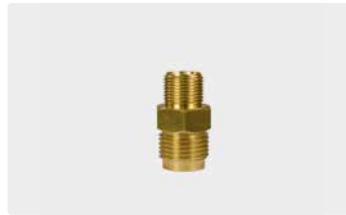
1/4"
3/8"
1/2"

R+M Nr.	ⓘ
200 241 500	52 mm
200 241 520	52 mm
200 241 540	53 mm

R+M Nr.	ⓘ
200 241 510	56 mm
200 241 530	56 mm
200 241 550	58 mm



F : 1/2" M. Max. 300 bar / 150 °C



M : 1/2" M. Max. 300 bar / 150 °C



O-ring nipple

1/4"
3/8"
1/2"

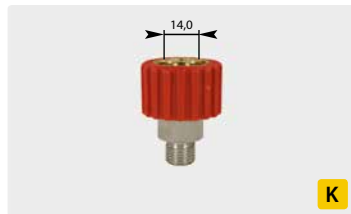
R+M Nr.	ⓘ
200 241 700	34 mm
200 241 720	34 mm
200 241 740	36 mm

R+M Nr.	ⓘ
200 241 710	38 mm
200 241 730	38 mm
200 241 750	40 mm

R+M Nr.	VPE
050 000 160	1
791 025 100	100

Mosmatic quick screw swivel couplings

Quick screw coupling : male thread



M22 F : M. Max. 250 bar / 120 °C



M21 F : M. Max. 250 bar / 120 °C



O-ring Swivel MSM

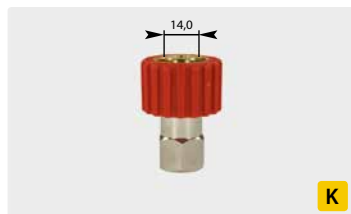
1/4"
3/8"
M18
M22

R+M Nr.	ⓘ
108 701 01	47 mm
108 701 03	48 mm
108 701 07	42 mm
108 701 09	46 mm

R+M Nr.	ⓘ
108 700 01	47 mm
108 700 03	48 mm
108 700 07	42 mm

R+M Nr.	VPE
790 35	1
790 351 00	100

Quick screw coupling : female thread



M22 F : F. Max. 250 bar / 120 °C



M21 F : F. Max. 250 bar / 120 °C

1/4"
3/8"

R+M Nr.	ⓘ
108 701 02	47 mm
108 701 04	48 mm

R+M Nr.	ⓘ
108 700 02	47 mm
108 700 04	48 mm

Quick screw couplings

Quick screw coupling : male thread



Standard M22 : M. Black.
Max. 400 bar / 150 °C



Standard M21 : M. Grey.
Max. 400 bar / 150 °C



Short M22 : M. Black.
Max. 400 bar / 150 °C

AG
1/4"
3/8"
1/2"
M16
M18
M21
M22

R+M Nr.	I
561 40	49 mm
561 60	46 mm
561 66	50 mm
561 80	51 mm
561 90	47 mm
561 98	49 mm
561 95	60 mm

R+M Nr.	I
564 20	44 mm
564 40	45 mm
564 50	43 mm
564 62	49 mm
564 60	60 mm

R+M Nr.	I
560 30	28 mm



Short M21 : M. Grey.
Max. 400 bar / 150 °C



Short M22 : M. Stainless steel.
Max. 400 bar / 150 °C



M22 : M. Stainless steel.
Max. 500 bar

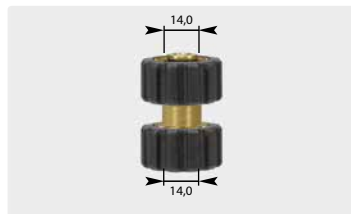
AG
1/4"
3/8"

R+M Nr.	I
563 20	27 mm

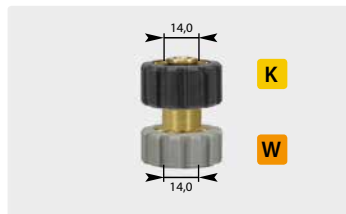
R+M Nr.	I
560 39	28 mm

R+M Nr.	I
561 49	48 mm
561 69	45 mm

Quick screw coupling : quick screw coupling



M22 F : M22 F.
Max. 400 bar / 150 °C



M22 F : M21 F.
Max. 400 bar / 150 °C

⊙

R+M Nr.	I
561 96	50 mm

R+M Nr.	I
561 97	50 mm

Quick screw couplings

Quick screw coupling : female thread



Standard M22 : F. Black.
Max. 400 bar / 150 °C

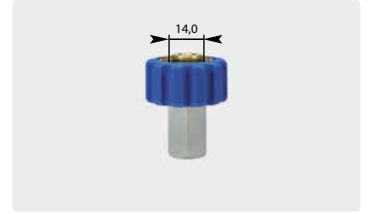
R+M Nr.	I
561 20	45 mm
561 30	45 mm
561 50	45 mm
561 65	45 mm

IG
1/8"
1/4"
3/8"
1/2"



Standard M21: F. Grey.
Max. 400 bar / 150 °C

R+M Nr.	I
564 00	42 mm
564 10	41 mm
564 30	41 mm



Standard 1/2" : F. Blue.
Max. 400 bar / 150 °C

R+M Nr.	I
561 10	43 mm



Short M22 : F. Black.
Max. 400 bar / 150 °C

R+M Nr.	I
560 10	31 mm
560 20	28 mm

IG
1/8"
1/4"
3/8"



M22 : F. Stainless steel.
Max. 500 bar

R+M Nr.	I
561 39	45 mm
561 59	45 mm

Seals



O-ring. 10x2.2. Viton

R+M Nr.	VPE
790 24	1
790 241 00	100



Back ring

R+M Nr.	VPE
050 001 440	1
787 001 100	100



O-ring. 10x2. Perbunan

R+M Nr.	VPE
790 10	1
790 100	100



O-ring. 10x2. Viton

R+M Nr.	VPE
790 20	1
790 201 00	100



O-ring. 10x2.2. Perbunan

R+M Nr.	VPE
790 25	1
790 251 00	100

Symbols thread female thread male thread height packing unit

Quick screw nipples

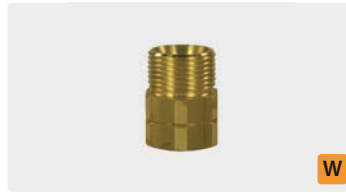
Male thread : female thread



M22 M : F. Brass. Max. 400 bar

⊙	
1/8"	
1/4"	
3/8"	
1/2"	
M16	
M18	
M22	

R+M Nr.	i
565 10	29
565 20	29
565 40	29
565 65	29
565 90 *	34
565 66	33



M21 M : F. Brass. Max. 400 bar

R+M Nr.	i
567 10	30
567 20	29
567 40	29
567 60 *	30



1/2" M : F. Brass. Max. 400 bar

R+M Nr.	i
567 80	29



M22 M : F. Brass. Long.
Max. 400 bar

⊙	
1/4"	
3/8"	

R+M Nr.	i
565 251	40
565 401	40



M22 M : F. Brass. With hexagon.
Max. 400 bar

R+M Nr.	i
565 80	38



M22 M : F. Stainless steel.
Max. 500 bar

R+M Nr.	i
565 29	29
565 49	29

Quick screw nipples

Male thread : male thread



M22 M : M. Brass.
Max. 400 bar

⊙	
1/4"	
3/8"	
1/2"	

R+M Nr.	i
565 30	29 mm
565 50	29 mm
565 60	29 mm



M22 M : M with cone (AGR). Brass.
Max. 400 bar

R+M Nr.	i
565 301	31.5 mm
565 501	31.5 mm



M21 M : M. Brass.
Max. 400 bar

R+M Nr.	i
567 30	32 mm
567 50	32 mm



M22 M : M. Brass. Long.
Max. 400 bar

⊙	
1/4"	
3/8"	
1/2"	

R+M Nr.	i
565 311	39 mm
565 511	40 mm



M22 M : M. Stainless steel.
Max. 500 bar

R+M Nr.	i
565 39	29 mm
565 59	29 mm
565 69	29 mm

* limited stock

Quick screw couplings suitable for system 2000



M22 F : M. Max. 400 bar / 150 °C

K



M22 F : F. Max. 400 bar / 150 °C

K



M22 F : M. Max. 400 bar / 150 °C

K

1/4"

R+M Nr.	
560 302	30 mm

R+M Nr.	
561 302	45 mm

R+M Nr.	
561 402	49 mm



M22 F : F. Max. 400 bar / 150 °C

K



M22 F : M. Max. 400 bar / 150 °C

K

3/8"

R+M Nr.	
561 502	47 mm

R+M Nr.	
561 602	50 mm

Quick screw couplings US

Quick screw couplings US

Seal



M22 F : F.
Max. 400 bar / 150 °C



M22 : F.
Max. 400 bar / 150 °C



O-ring. Quick screw coupling US.
10.77 x 2.62. NBR 70

3/8" F

R+M Nr.	
561 501	45 mm

R+M Nr.	
565 402	29

R+M Nr.
903 825 00



M22 F : F.
Max. 400 bar / 150 °C



M22 : M.
Max. 400 bar / 150 °C

1/4" M
3/8" M

R+M Nr.	
561 601	46 mm

R+M Nr.	
565 302	29

Symbols height thread

Quick screw couplings

Quick screw couplings with long centric nipple



M22 F : F.
Max. 400 bar / 150 °C



M22 M : M. Long.
Max. 400 bar / 150 °C

⊙
1/4"
3/8"

R+M Nr.	i
561 31	40 mm

R+M Nr.	i
565 311	39 mm
565 511	40 mm



M22 M : F. Long.
Max. 400 bar / 150 °C



M22 M : 1/4" M. Long.
Max. 400 bar / 150 °C

⊙
1/4"
3/8"

R+M Nr.	i
565 251	40 mm
565 401	40 mm

R+M Nr.	i
565 311 9	40 mm

QSC with hexagon centric nipple



M22 F : F.
Max. 400 bar / 150 °C



M22 F : F. With hexagon.
Max. 400 bar / 150 °C

⊙
1/4"

R+M Nr.	i
560 50	41 mm

R+M Nr.	i
565 80	38 mm

Symbols **i** height ⊙ thread

Suttner swivels

ST-300 swivels



3/8" M : 3/8" F. Stainless steel / nickel-plated brass. Max. 275 bar / 90 °C

R+M Nr.	
200 300 010	45 mm



Repair kit

R+M Nr.
200 300 100

ST-300 swivels



1/4" F : 3/8" F. Stainl. steel / nickel-plated brass. Max. 275 bar / 90 °C

R+M Nr.	
200 300 050	57 mm



Repair kit

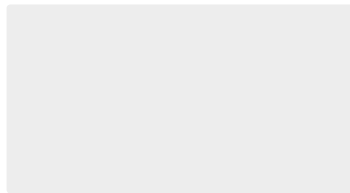
R+M Nr.
200 300 100

ST-300 swivels



1/4" M : 1/4" F.
Brass.
Max. 275 bar / 90 °C

R+M Nr.	
200 300 040	44 mm



R+M Nr.

ST-301 swivels



1/4" F : 3/8" F. Stainless steel / brass.
Swivel with radial friction bearing.
Max. 350 bar / 90 °C

R+M Nr.	
200 301 050	58 mm



Repair kit

R+M Nr.
200 300 100

ST-301 swivels



1/4" F : M22 M. Stainless steel / brass.
Swivel with radial friction bearing.
Max. 350 bar / 90 °C

R+M Nr.	
200 301 060	62 mm



R+M Nr.
200 300 100

ST-310 swivels



1/4" F : 3/8" F.
Stainless steel.
Max. 350 bar / 90 °C

R+M Nr.	
200 310 000	57 mm



Repair kit

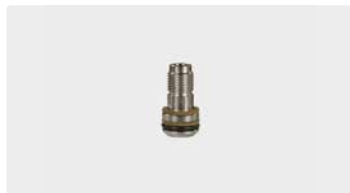
R+M Nr.
200 300 100

ST-310 swivels



3/8" M : 3/8" F. Stainless steel.
Max. 350 bar / 90 °C

R+M Nr.	
200 310 010	45 mm



Repair kit

R+M Nr.
200 300 100

ST-310 swivels



1/2" M : 1/2" F. Stainless steel.
Max. 350 bar / 90 °C

R+M Nr.	
200 310 040	49 mm



Repair kit

R+M Nr.
200 300 100

Suttner swivels

ST-311 swivels



1/4" F : 3/8" F. Stainless steel.
Swivel with radial friction bearing.
Max. 350 bar / 90 °C

R+M Nr.	
200 311 050	58 mm



Repair kit

R+M Nr.
200 300 100

ST-311 swivels



1/4" F : M22 M. Stainless steel.
Swivel with radial friction bearing.
Max. 350 bar / 90 °C

R+M Nr.	
200 311 060	58 mm



Repair kit

R+M Nr.
200 300 100

ST-340 swivels



1/2" M : 1/2" F. Stainless steel.
Max. 350 bar / 90 °C

R+M Nr.	
200 340 010	52 mm



Repair kit

R+M Nr.
200 340 100



1/4" F : 1/2" F. Stainless steel.
Max. 350 bar / 90 °C

R+M Nr.	
200 340 050	73 mm



Repair kit

R+M Nr.
200 340 100



1/2" M : 1/2" F. Brass.
Max. 250 bar / 90 °C

R+M Nr.	
200 340 510	52 mm



Repair kit

R+M Nr.
200 340 150



1/4" F : 1/2" F. Brass.
Max. 250 bar / 90 °C

R+M Nr.	
200 340 520	73 mm



Repair kit

R+M Nr.
200 340 100

ST-351 swivels



1/2" M : 1/2" F.
Max. 600 bar

R+M Nr.	
200 351 510	72 mm



Repair kit swivel ST-351

R+M Nr.
200 351 400

ST-350 swivels



3/8" M : 3/8" F. Stainless steel.
Max. 500 bar / 90 °C

R+M Nr.	
200 350 010	45 mm



Repair kit

R+M Nr.
200 300 120

ST-345 swivels



1/4" F : 1/4" M. 350 bar. Stainless

R+M Nr.
200 345 500



1/4" F : 1/4" M. 350 bar. Stainless.
easywash365+ blue

R+M Nr.
200 345 510



1/4" F : 1/4" M. 350 bar. Stainless.
RAL 5005

R+M Nr.
200 345 520



1/4" F : 1/4" M. 350 bar. Stainless

R+M Nr.
200 345 530

Suttner swivels ST-320

Completely stainless steel. Swivel with slide ring as sealing element. DN 6



3/8" F : 3/8" M.
Max. 400 bar / 30 r.p.m. / 90 °C

R+M Nr.	
200 320 500	48 mm



1/4" F : 1/4" M.
Max. 400 bar / 30 r.p.m. / 90 °C

R+M Nr.	
200 320 550	48 mm



3/8" F : 3/8" M.
Max. 400 bar / 30 r.p.m. / 90 °C

R+M Nr.	
200 320 502	48 mm



Repair kit swivels ST-320

R+M Nr.
200 320 490

Suttner swivels ST-322

Completely stainless steel. Swivel with slide ring as sealing element. Field of application: Hose reels



3/8" F : 3/8" M. DN 10.
Max. 400 bar / 30 r.p.m. / 90 °C

R+M Nr.	
200 322 500	65 mm



1/2" F : 3/8" M. DN 10.
Max. 300 bar / 30 r.p.m. / 90 °C

R+M Nr.	
200 322 510	65 mm



1/2" F : 1/2" M. DN 12.
Max. 300 bar / 30 r.p.m. / 90 °C

R+M Nr.	
200 322 520	67 mm



1/2" F : 1/2" M. DN 12.
Max. 300 bar / 30 r.p.m. / 90 °C

R+M Nr.	
200 322 522	68 mm



M28 M. DN 12.
For series R+M 434 - R+M 564.
Max. 300 bar / 30 r.p.m. / 90 °C

R+M Nr.		
200 322 523	79.5 mm	1/2" F
200 322 525	79.5 mm	3/4" F



Repair kit swivels ST-322

R+M Nr.
200 322 490

Symbols height inlet

easywash365+ swivels

Housing nickel-plated brass. Axle stainless steel. Field of application: Ceiling booms in self-service car wash



1/4" F : 1/4" M. DN 7.
Max. 275 bar / 30 r.p.m. / 120 °C

R+M Nr.	∅
562 390 503	46 mm



3/8" F : 1/4" M. DN 7.
Max. 275 bar / 30 r.p.m. / 120 °C

R+M Nr.	∅
562 390 505	46 mm



3/8" F : 3/8" M. DN 7.
Max. 275 bar / 30 r.p.m. / 120 °C

R+M Nr.	∅
562 390 507	46 mm



Repair kit **easywash365+** swivels

R+M Nr.
750 140 2

easywash365+ swivels

Housing stainless steel / nickel-plated brass. Axle stainless steel. Maintenance-free. DN 6. Field of application: Swivels applicable to high pressure spray guns and hose connections, ceiling booms in self-service car wash



1/4" M : 1/4" F.
Max. 275 bar / 120 °C

R+M Nr.	∅	VPE
562 391 600	63 mm	1
562 391 601	63 mm	25



1/4" M : 3/8" F.
Max. 275 bar / 120 °C

R+M Nr.	∅	VPE
562 391 605	64 mm	1
562 391 606	64 mm	25



3/8" M : 1/4" F.
Max. 275 bar / 120 °C

R+M Nr.	∅	VPE
562 391 610	63 mm	1
562 391 611	63 mm	25



3/8" M : 3/8" F.
Max. 275 bar / 120 °C

R+M Nr.	∅	VPE
562 391 615	64 mm	1
562 391 616	64 mm	25



1/4" F : 1/4" F.
Max. 275 bar / 120 °C

R+M Nr.	∅	VPE
562 391 620	69 mm	1
562 391 621	69 mm	25



3/8" F : 3/8" F.
Max. 275 bar / 120 °C

R+M Nr.	∅	VPE
562 391 625	67 mm	1
562 391 626	67 mm	25



1/4" F : M18 M.
Max. 275 bar / 120 °C

R+M Nr.	∅	VPE
562 391 630	62 mm	1
562 391 631	62 mm	25

Mosmatic swivels WDG

Housing nickel-plated brass. Axle stainless steel. Field of application: Ceiling booms in self-service car wash



1/4" F : 1/4" M. DN 7.
Max. 150 bar / 30 r.p.m. / 90 °C

R+M Nr.	∅
750 140 11	46 mm



3/8" F : 1/4" M. DN 7.
Max. 150 bar / 30 r.p.m. / 90 °C

R+M Nr.	∅
750 140 1	46 mm



Repair kit
Mosmatic swivels WDG

R+M Nr.
750 140 2

Mosmatic swivels DGS / DGV / DGK

Housing stainless steel / nickel-plated brass. Axle stainless steel. DN 6. Rust-proof and maintenance-free. Field of application: Swivels applicable to high pressure spray guns and hose connections, ceiling booms in self-service car wash. Max. 275 bar / 30 r.p.m. / 120 °C



DGS. Double ball bearing system

DGV. Single ball bearing system

DGK. Single ball bearing system

R+M Nr.			
108 300 01	1/4" F	1/4" M	59 mm
108 300 02	1/4" F	1/4" F	62 mm
108 300 03	1/4" F	3/8" M	60 mm
108 300 04	1/4" F	3/8" F	63 mm
108 300 05	1/4" F	M14 M	57 mm
108 300 06	1/4" F	M16 M	57 mm
108 300 07	1/4" F	M18 M	57 mm
108 300 09	1/4" F	M22 M	61 mm
108 301 03	3/8" F	3/8" M	60 mm
108 301 04	3/8" F	3/8" F	63 mm
108 301 07	3/8" F	M18 M	57 mm
108 301 09	3/8" F	M22 M	61 mm

R+M Nr.			
108 325 11	1/4" M	1/4" M	60 mm
108 325 12	1/4" M	1/4" F	63 mm
108 325 13	1/4" M	3/8" M	61 mm
108 325 18	1/4" M	M21 M	62 mm
108 325 21	3/8" M	1/4" M	60 mm
108 325 24	3/8" M	3/8" F	61 mm
108 325 32	3/8" M	1/4" F	63 mm
108 325 33	3/8" M	3/8" M	61 mm
108 325 34	3/8" M	3/8" F	63 mm
108 325 37	3/8" M	M18 M	58 mm
108 325 39	3/8" M	M22 M	62 mm
108 325 82	1/4" F	1/4" F	67 mm
108 325 87	1/4" F	M18 M	62 mm

R+M Nr.			
108 320 31	1/4" M	DN 06	58 mm
108 320 33	1/4" F	DN 06	62 mm
108 321 32	3/8" M	DN 08	66 mm

Mosmatic swivels DGI

Stainless steel. DN 6. Rust-proof and maintenance-free. Field of application: Swivels applicable to high pressure spray guns and hose connections. Max. 500 bar / 30 r.p.m. / 120 °C



R+M Nr.			
108 327 02	1/4" M*	1/4" F	54
108 327 24	3/8" M*	3/8" F	56
108 327 34	3/8" M	3/8" F	64
108 328 14	1/2" M	1/2" F	75

R+M Nr.			
108 327 81	1/4" F	1/4" M	64
108 327 83	3/8" F	1/4" M	65

R+M Nr.			
108 327 82	1/4" F	1/4" F	66
108 327 84	1/4" F	3/8" F	68

R+M Nr.			
108 327 87	1/4" F	M18 M	62
108 327 88	1/4" F	M21 M	66
108 327 89	1/4" F	M22 M	66

Mosmatic swivels DGE / DGEI

Stainless steel. Maintenance-free. Field of application: especially designed for high flow rates and low revolutions per minute as for example at automatic car wash plants. Max. 30 r.p.m. / 120 °C. DN 13 for 1/2". DN 25 for 1"



DGE 90°. Housing nickel-plated brass. Single ball bearing system. Rust-proof. Max. 275 bar

DGE. Housing nickel-plated brass. Single ball bearing system. Rust-proof. Max. 275 bar

DGEI. Housing stainless steel. Triple ball bearing system. Max. 350 bar

DGEI 90°. Housing stainless steel. Triple ball bearing system. Max. 350 bar

R+M Nr.			
108 348 23	1/2" F	1/2" M	91
108 348 25	1" F	1" M	113

R+M Nr.			
108 348 03	1/2" F	1/2" M	80
108 348 05	1" F	1" M	90

R+M Nr.			
108 347 03	1/2" F	1/2" M	80
108 347 05	1" F	1" M	95

R+M Nr.			
108 347 23	1/2" F	1/2" M	97
108 347 25	1" F	1" M	123

* conical

Symbols height length mm outlet inlet VPE packing unit

Mosmatic high RPM swivels DY-Series

Axle stainless steel. Housing nickel-plated brass. Triple ball bearing system. DN 6. Rust-proof and maintenance-free. Field of application: especially designed for high revolutions per minute and self-rotating applications. Max. 275 bar / 2000 r.p.m. / 120 °C



DYF.

R+M Nr.	☺	☹	↔
108 580 03	1/4" F	3/8" M	80
108 581 03	3/8" F	3/8" M	80
108 580 00	1/4" F	M12 M	66

DYF.

R+M Nr.	☺	☹	↔
108 584 01	3/8" F	1/4" M	84

DYG.

R+M Nr.	☺	☹	↔
108 570 03	1/4" F	3/8" M	80
108 571 03	3/8" F	3/8" M	80

DYL.

R+M Nr.	☺	☹	↔
108 560 03	1/4" F	3/8" M	80
108 561 03	3/8" F	3/8" M	80
108 561 04	3/8" F	3/8" F	80
108 560 01	1/4" F	1/4" F	79

Mosmatic seal kits



R+M Nr.	TYP
108 369 05	DY hard metal
108 369 01	DX ceramic

Mosmatic swivels DGL



Axle stainless steel. Housing nickel-plated brass. Triple ball bearing system. DN 6. Rust-proof and maintenance-free. Field of application: designed for self-spinning applications. Very low torque required. Max. 275 bar / 1,000 r.p.m. / 30 °C. Max. 275 bar / 30 r.p.m. / 120 °C

R+M Nr.	☺	☹	↔
108 311 03	3/8" F	3/8" M	66

Mosmatic high RPM swivels DY-Series / WDRS

Axle and housing stainless steel. Triple ball bearing system. Maintenance-free. DN 6 for 3/8". DN 13 for 1/2". DN 38 for 1.1/2"



DYCI. Triple ball bearing system. Field of application: especially designed for high revolutions per minute and self-rotating applications. Max. 350 bar / 2,000 r.p.m. / 120 °C

R+M Nr.	☺	☹	↔
108 550 03	1/4" F	3/8" M	95
108 551 03	3/8" F	3/8" M	95

DYCI. Triple ball bearing system. Field of application: especially designed for high revolutions per minute and self-rotating applications. Max. 350 bar / 2,000 r.p.m. / 120 °C

R+M Nr.	☺	☹	↔
108 552 53	M22	3/8" M	95

DYDI. Triple ball bearing system. Field of application: especially designed for high revolutions per minute and self-rotating applications. Max. 500 bar / 2,000 r.p.m. / 120 °C

R+M Nr.	☺	☹	↔
108 552 63	M22	3/8" M	95

WDRS. Double ball bearing system. Field of application: especially designed for high flow rates, e.g. automatic car wash. Max. 200 bar / 60 - 150 r.p.m. / 80 °C

R+M Nr.	☺	☹	↔
108 412 11	1/2" F	1/2" M	110
108 415 11	1.1/2" F	1.1/2" M	150

Axle and housing stainless steel. Quadruple ball bearing system. DN 6. Maintenance-free. Field of application: especially designed for high revolutions per minute and self-rotating applications. Max. 2,000 r.p.m. / 120 °C



DYT. Max. 350 bar

R+M Nr.	☺	☹	↔
108 590 03	1/4" F	3/8" M	107
108 591 01	3/8" F	1/4" M	109
108 591 03	3/8" F	3/8" M	109

DYT 90°. Max. 350 bar

R+M Nr.	☺	☹	↔
108 593 03	1/4" F	3/8" M	109
108 594 03	3/8" F	3/8" M	110

DYU. Max. 500 bar

R+M Nr.	☺	☹	↔
108 591 13	3/8" F	3/8" M	109

DYU 90°. Max. 500 bar

R+M Nr.	☺	☹	↔
108 594 13	3/8" F	3/8" M	110

R+M swivels



3/4" F : 3/4" M. DN 19.
Housing and axle stainless steel.
Max. 200 bar / 90 °C

R+M Nr.	I
750 400 1	80 mm



Repair kit swivel 750 400 1

R+M Nr.	I
750 400 2	



3/8" M : 3/8" F.
Brass.
Max. 220 bar / 90 °C

R+M Nr.	I
562 50	39 mm



1/4" F : 3/8" M. DN 6.
Housing and axle stainless steel.
Max. 600 bar / 90 °C

R+M Nr.	I
750 280 0	59 mm



Seal kit swivel 750 280 0

R+M Nr.	I
750 200 2	



3/8" M : 1/4" F.
Brass.
Max. 220 bar / 90 °C

R+M Nr.	I
562 60	39 mm

High pressure quick couplings

Couplings 25KF



Coupling : F. Nickel-plated brass / nickel-plated steel.
Max. 250 bar / 100 °C

⊙	DN
1/4"	7.4
3/8"	7.4

R+M Nr.	I
552 30	55 mm
552 50	54 mm



Coupling : M. Nickel-plated brass / nickel-plated steel.
Max. 250 bar / 100 °C

R+M Nr.	I
552 40	58 mm
552 60	57 mm

Plugs 25SF



Plug : F. ∅ 12 mm. Nickel-plated steel.
Max. 250 bar / 100 °C

R+M Nr.	I
555 20	33 mm
555 40	33 mm



Plug : M. ∅ 12 mm. Nickel-plated steel.
Max. 250 bar / 100 °C

R+M Nr.	I
555 30	34 mm
555 50	33 mm

Couplings 25KB



Coupling : F. Nickel-plated brass. With valve.
Max. 35 bar / 100 °C

⊙	DN
1/4"	7.4
3/8"	7.4

R+M Nr.	I
553 20	55 mm
553 30	54 mm

Plugs 25SB



Plug : F. ∅ 12 mm. Brass. With valve.
Max. 35 bar / 100 °C

R+M Nr.	I
556 10	43 mm
556 30	43 mm

Back ring



TYP 25KF + 25KB

R+M Nr.
790 41

Symbols **I** height **⊖** length mm **DN** nominal diameter **⊙** thread **∅** diameter **⊖** outlet **⊕** inlet **TYP** type

High pressure quick couplings

Couplings CEJN 322 and plug



Coupling : F. Chrome-plated brass /
chrome-plated steel.
Max. 200 bar / 100 °C



Coupling : F. Chrome-plated brass /
chrome-plated steel. With valve.
Max. 200 bar / 100 °C



Coupling : M. Chrome-plated brass /
chrome-plated steel.
Max. 200 bar / 100 °C

⊙	DN
1/4"	7.4
3/8"	7.4
M18	7.4

R+M Nr.	ⓘ
552 001	48 mm
552 002	50 mm
552 008	84 mm

R+M Nr.	ⓘ
552 031	57 mm
552 032	57 mm

R+M Nr.	ⓘ
552 011	45 mm
552 012	47 mm
552 018	69 mm



Plug : F. Ø 12 mm. Nickel-plated
steel. Max. 200 bar / 100 °C



Plug : M. Ø 12 mm. Nickel-plated
steel. Max. 200 bar / 100 °C

⊙	DN
1/4"	7.4
3/8"	7.4
M18	7.4

R+M Nr.	ⓘ
552 101	36 mm
552 102	38 mm

R+M Nr.	ⓘ
552 111	36 mm
552 112	38 mm
552 108	56 mm

Couplings SP-20 150 bar and plug



Coupling : F. Brass.
Max. 150 bar / 100 °C



Coupling : M. Brass.
Max. 150 bar / 100 °C



Plug : F. Ø 14.8 mm. Zinc-plated
steel. Max. 150 bar / 100 °C

⊙	DN
1/4"	8.0
3/8"	8.0
1/2"	8.0

R+M Nr.	ⓘ
550 10	41 mm
550 30	42 mm

R+M Nr.	ⓘ
550 20	43 mm

R+M Nr.	ⓘ
551 11	40 mm
551 10	40 mm



Plug : M. Ø 14.8 mm. Zinc-plated
steel. Max. 150 bar / 100 °C



O-ring. **TYP** SP-20. 13.1x2.6.
Max. 150 bar / 100 °C

⊙	DN
3/8"	8.0

R+M Nr.	ⓘ
551 20	43 mm

R+M Nr.	ⓘ
790 60	

Suttner high pressure quick couplings ST-45-250 KW

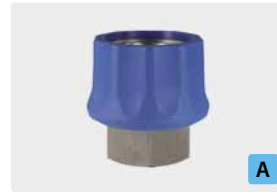
Couplings and plug ST-45-250 KW



Coupling : M.
Stainless steel.
Max. 250 bar / 150 °C



Coupling : F.
Stainless steel.
Max. 250 bar / 150 °C



Coupling : F.
Stainless steel.
Max. 250 bar / 150 °C



Plug : F.
Hardened stainless steel.
Max. 250 bar / 150 °C

⊙	DN
1/4"	10
3/8"	10
1/2"	10
M22	10

R+M Nr.	⊓
200 045 595	49 mm

R+M Nr.	⊓
200 045 570	41 mm
200 045 560	41 mm
200 045 550	41 mm
200 045 575	41 mm

R+M Nr.	⊓
200 045 565	43 mm
200 045 555	43 mm

R+M Nr.	⊓
040 005 482	38 mm



Plug : M.
Stainless steel.
Max. 250 bar / 150 °C



Plug : M.
Hardened stainless steel.
Max. 250 bar / 150 °C



Coupling : F.
Nickel-plated brass.
Max. 250 bar / 150 °C



Coupling : F.
Nickel-plated brass.
Max. 250 bar / 150 °C

⊙	DN
1/4"	10
3/8"	10
1/2"	10

R+M Nr.	⊓
557 206	44 mm

R+M Nr.	⊓
040 005 669	42 mm

R+M Nr.	⊓
200 045 510	41 mm

R+M Nr.	⊓
200 045 505	43 mm



Plug : F.
Zinc-plated steel.
Max. 250 bar / 150 °C



Plug : F.
Stainless steel.
Max. 250 bar / 150 °C



O-ring, 20x2.5. EPDM

R+M Nr.	VPE
792 025 100	100



O-ring, 18x2.5. EPDM

R+M Nr.	VPE
791 825 100	100

⊙	DN
3/8"	10
1/2"	10

R+M Nr.	⊓
557 204	38 mm

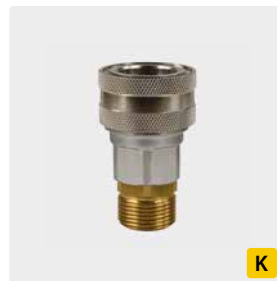
R+M Nr.	⊓
557 209	38 mm
557 29	45 mm

Seal kit

R+M Nr.	M
557 104 11	EPDM
200 045 460	FKM



Plug : F.
Zinc-plated steel + brass.
Max. 250 bar / 150 °C



Coupling : M.
Nickel-plated brass + brass.
Max. 250 bar / 150 °C

⊙	DN
M22	10

R+M Nr.	⊓
557 205	73 mm

R+M Nr.	⊓
557 105	63 mm

Symbols ⊓ height DN nominal diameter ⊙ thread VPE packing unit ∅ diameter TYP type M material

Suttner high pressure quick couplings ST-3100

Couplings and plug ST-3100



Coupling : F. Stainless steel.
Max. 250 bar / 150 °C

⊙	DN
1/4"	10
3/8"	12
1/2"	12

R+M Nr.	ⓘ
203 100 466	44 mm
203 100 461	44 mm
203 100 460	44 mm



Coupling : F. Stainless steel.
Max. 250 bar / 150 °C

R+M Nr.	ⓘ
203 100 456	50 mm
203 100 455	50 mm



Coupling : M. Stainless steel.
60° cone. Max. 250 bar / 150 °C

R+M Nr.	ⓘ
203 100 653	47 mm
203 100 474	50 mm
203 100 655	45 mm



Coupling : M. Stainless steel.
60° cone. Max. 250 bar / 150 °C

⊙	DN
1/4"	10
3/8"	12
1/2"	12

R+M Nr.	ⓘ
203 100 652	53 mm
203 100 473	55 mm
203 100 656	54 mm



Plug : F. Stainless steel.
Max. 250 bar / 150 °C

R+M Nr.	ⓘ
040 005 665	35 mm
040 005 667	41 mm
040 005 661	47 mm



Plug : M. Stainless steel. 60° cone.
Max. 250 bar / 150 °C

R+M Nr.	ⓘ
040 005 668	47 mm
040 005 662	47 mm



Plug : F. Hardened stainless steel.
Max. 250 bar / 150 °C

⊙	DN
1/4"	10
3/8"	12
1/2"	12

R+M Nr.	ⓘ
040 005 465	35 mm
040 005 467	41 mm
040 005 461	47 mm



Plug : M. Hardened stainless steel.
60° cone. Max. 250 bar / 150 °C

R+M Nr.	ⓘ
040 005 459	47 mm
040 005 462	47 mm



Plug : F. Stainless steel. For moulded
handles. Max. 250 bar / 150 °C

R+M Nr.	ⓘ
040 005 664	40 mm



Plug : F. Stainless steel + brass.
Max. 250 bar / 150 °C

⊙	DN
M22	10

R+M Nr.	ⓘ
203 100 665	56 mm



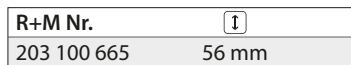
Coupling : M. Stainless steel.
Max. 250 bar / 150 °C

R+M Nr.	ⓘ
203 100 660	57 mm



O-ring. 15.1x2.7

R+M Nr.	VPE
551 502 42	1
791 512 710	100



O-ring. 18x2

R+M Nr.	VPE
551 502 43	1
791 821 00	100

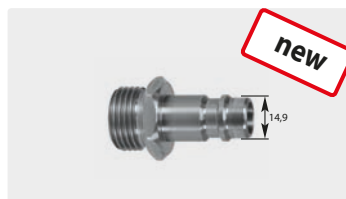
Couplings "B"



Coupling : F. Stainless steel.
Max. 150 bar / 90 °C

⊙	DN
1/2"	11

R+M Nr.	ⓘ
710 247 212 000	35 mm



Plug : M. Stainless steel.
Max. 150 bar / 90 °C

R+M Nr.	ⓘ
710 247 112 100	44 mm



O-ring. 13x2

R+M Nr.	ⓘ
791 32	

Suttner ultra high pressure quick couplings ST-45-600

Couplings and plug ST-45-600



Coupling : M. Stainless steel.
Max. 600 bar / 150 °C



Coupling : M. Stainless steel.
Max. 600 bar / 150 °C



Plug : F. Hardened stainless steel.
Max. 600 bar / 150 °C

⊙	DN
1/4"	8

R+M Nr.	ⓘ
200 045 600	57 mm

R+M Nr.	ⓘ
200 045 605	57 mm

R+M Nr.	ⓘ
040 005 468	40 mm



O-ring. 11x1.5

R+M Nr.
050 000 020



Back ring. 11x14x1

R+M Nr.
050 001 430



O-ring. 10x2.5

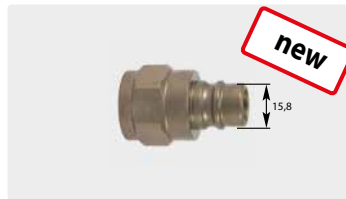
R+M Nr.
050 000 160

Suttner high pressure quick couplings ST-246

Coupling and plug ST-246-8



Coupling : F. Stainless steel V2A.
Max. 550 bar / 100 °C



Plug : F. Hardened stainless steel.
Max. 550 bar / 100 °C



⊙	DN
1/2"	11

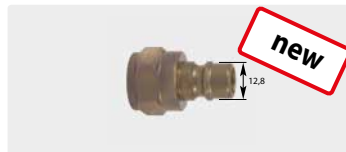
R+M Nr.	ⓘ
710 246 412 000	41.0 mm

R+M Nr.	ⓘ
710 246 312 001	43.7 mm

Coupling and plug ST-246-6



Coupling : F. Stainless steel V2A.
Max. 550 bar / 100 °C



Plug : F. Hardened stainless steel.
Max. 550 bar / 100 °C



NBR 75

⊙	DN
3/8"	8,5

R+M Nr.	ⓘ
710 246 238 000	37.8 mm

R+M Nr.	ⓘ
710 246 138 001	36.6 mm

R+M Nr.	⊙	TYP
710 005 004	1/2"	ST-246-8
710 005 003	3/8"	ST-246-6

Bonded seals



Bonded seals. Steel

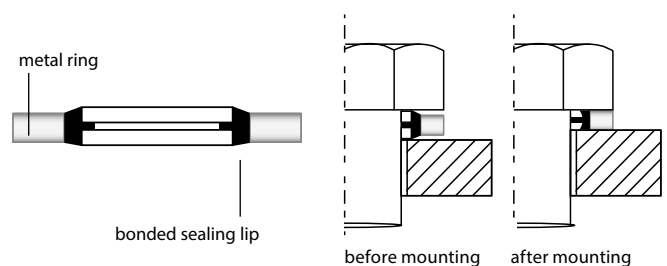


Bonded seals. Stainless steel

R+M Nr.	⊙	VPE
788 881 4	1/4"	1
788 881 410 0	1/4"	100
788 883 8	3/8"	1
788 883 810 0	3/8"	100
788 881 2	1/2"	1
788 881 210 0	1/2"	100
788 881	1"	1

R+M Nr.	⊙	VPE
788 881 49	1/4"	1
788 881 491 00	1/4"	100
788 883 89	3/8"	1
788 883 891 00	3/8"	100
788 881 29	1/2"	1
788 881 291 00	1/2"	100

Functional principle of bonded seal



Symbols ⓘ height ⊙ DN nominal diameter ⊙ VPE packing unit

Hose connectors



M22 M. Standard. Brass.
Max. 400 bar

R+M Nr.
569 20



M21 M. Standard. Brass.
Max. 400 bar

R+M Nr.
569 10



1/2" M. Standard. Brass.
Max. 400 bar

R+M Nr.
569 30



M22 M. Standard. Stainless steel.
Max. 400 bar

R+M Nr.
569 29



M22 M. Solid version stainless steel.
Max. 500 bar

R+M Nr.
569 59



M22 M. DKOS stainless steel.
Max. 500 bar

R+M Nr.
593 142



M24 M. Stainless steel.
Max. 700 bar

R+M Nr.
200 741 600



M21 M : M22 M. Brass. Reduction.
Max. 400 bar

R+M Nr.
569 15



M22 M. Solid version. Brass.
Max. 400 bar

R+M Nr.
569 50



Rubber cover

R+M Nr.
569 60



M22 M. Solid version with rubber cover.
Max. 400 bar

R+M Nr.
569 40



M22 M. Long with moulded handle.
Max. 280 bar

R+M Nr.
569 70



M21 M : M18 M. Brass. Reduction.
Max. 400 bar

R+M Nr.
569 12



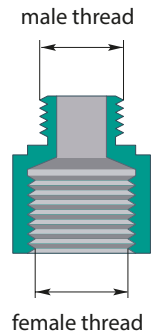
M22 M. Solid version stainless steel with rubber cover.
Max. 500 bar

R+M Nr.
569 49

Comparison chart of metric, bsp and trapezoidal thread

pipe	IG	AG	metric	IG	AG
1/8" (5x10)	8.566 mm	9.728 mm	M12x1.5	10.38 mm	12 mm
1/4" (8x13)	11.445 mm	13.157 mm	M14x1.5	12.38 mm	14 mm
3/8" (12x17)	14.950 mm	16.662 mm	M16x1.5	14.38 mm	16 mm
1/2" (15x21)	18.631 mm	20.955 mm	M18x1.5	16.38 mm	18 mm
3/4" (21x27)	24.117 mm	26.441 mm	M21x1.5	19.38 mm	21 mm
1" (26x34)	30.291 mm	33.249 mm	M22x1.5	20.38 mm	22 mm
1.1/4" (33x42)	38.952 mm	41.910 mm	M24x1.5	22.38 mm	24 mm
1.1/2" (40x49)	44.324 mm	47.803 mm	M27x1.5	25.38 mm	27 mm
2" (50x60)	56.656 mm	59.614 mm	M30x1.5	28.38 mm	30 mm

trapezoidal	IG	AG
TR20	18,1 mm	20 mm
TR22	20,1 mm	22 mm



Hose adaptor



Plug 10 mm : M22 M.
Max. 210 bar

R+M Nr.	⊘
316 951 0	190 mm



Plug 11 mm : M22 M.
Max. 400 bar

R+M Nr.	⊘
316 961 1	190 mm



Plug 11 mm : M22 M.
Max. 400 bar

R+M Nr.	⊘
316 961 2	145 mm
316 961 3	150 mm



M22 M : plug. Brass.
Max. 250 bar / 100 °C

R+M Nr.	⊘
559 908 221	104 mm



Back ring

R+M Nr.	⊘
790 58	10 mm
790 59	11 mm



O-ring

R+M Nr.	⊘
790 55	10 mm
790 57	11 mm

Symbols **IG** female thread **AG** male thread **⊘** thread **⊏** height **⊙** diameter

Hose adaptor



Plug coupling 10 mm : 3/8" M.
Max. 400 bar

R+M Nr.	
559 910 1	



Plug coupling 11 mm.
Max. 400 bar

R+M Nr.	
559 911 12	1/2" M
559 911 38	3/8" M
559 911 22	M22 M
559 911 23	M22 F



M22 F : M22 M. K 2000. Brass.
Max. 400 bar

R+M Nr.	
565 66	



Plug 10 mm : M22 M.
Max. 250 bar

R+M Nr.	
559 910 2	



O-ring

R+M Nr.	
790 55	10 mm



M18 M : TR20 F. K-Lock 8. Brass.
Max. 400 bar / 150° C

R+M Nr.	
565 686	



1/4" F : TR20 M. K-Lock 7. Brass.
For rotating nozzles.
Max. 400 bar / 150° C

R+M Nr.	
565 685	



O-ring. 10x2.2. Perbunan

R+M Nr.	
790 25	1
790 251 00	100



O-ring. 9.5x2

R+M Nr.	
050 002 456	1



Copper washer. K 2000

R+M Nr.	
781 519 1	18.8 mm



Back ring

R+M Nr.	
790 58	10 mm



M24 M : M. Brass *.
Max. 400 bar

R+M Nr.	
318 241 8	M18
318 242 1	M21



M27 M : M. Brass *.
Max. 400 bar

R+M Nr.	
318 271 8	M18
318 272 1	M21



3/8" M : TR22 F. K-Lock 6. Brass.
Max. 400 bar / 150° C

R+M Nr.	
565 683	



3/8" F : TR22 F. K-Lock 6. Brass.
Max. 400 bar / 150° C

R+M Nr.	
565 684	



M24 M : 3/8" F. Brass *.
Max. 400 bar

R+M Nr.	
318 24	



M27 M : 3/8" F. Brass *.
Max. 400 bar

R+M Nr.	
318 27	



M22 M : TR22 F. K-Lock 6. Brass.
Max. 400 bar / 150° C

R+M Nr.	
565 681	



O-ring

R+M Nr.	
791 42	M24



O-ring

R+M Nr.	
903 598 00	M27

* not to be used with patented WAP / Venturi inserts

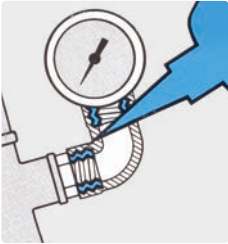
Adhesives & sealing materials

Retaining



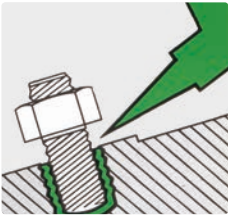
TYP	R+M Nr.	C	ñ	°C	Nm *	function
83.21	954 50	green	50 ml	-55 – +175 °C	25 - 35	high strength retaining and locking approved as sealant or pure Oxygen BAM.
83.21	954 55	green	250 ml	-55 – +175 °C	25 - 35	high strength retaining and locking approved as sealant or pure Oxygen BAM.
83.05	954 830 505 0	green	50 ml	-55 – +200 °C	25 - 35	high tenacity, extremely quick hardening, suitable for passive surfaces as galvanized steel and steel without activator
83.05	954 830 525 0	green	250 ml	-55 – +200 °C	25 - 35	high tenacity, extremely quick hardening, suitable for passive surfaces as galvanized steel and steel without activator

Threadsealing



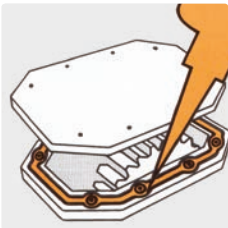
TYP	R+M Nr.	C	ñ	°C	Nm *	function
53.14	954 531 405 0	brown	50 ml	-55 – +150 °C	12 - 16	brown small diameter pneumatic and hydraulic fittings connection, DVGW approved for gas
58.11	954 581 105 0	yellow	50 ml	-55 – +150 °C	18 - 22	yellow pipe sealant approved for DWGV, WRAS and BAM. Low screwing friction
58.11	954 581 125 0	yellow	250 ml	-55 – +150 °C	18 - 22	yellow pipe sealant approved for DWGV, WRAS and BAM. Low screwing friction
85.86	954 858 605 0	green	50 ml	-55 – +200 °C	15 - 25	green DIN-DVGW/KTW approved for gas and potable water. High temperature sealing +200 °C

Threadlocking



TYP	R+M Nr.	C	ñ	°C	Nm *	function
55.03	954 550 305 0	blue	50 ml	-55 – +150 °C	17 - 22	oil tolerant threadlock. DVGW/KTW approved. larger gap filling.
83.54	954 835 405 0	blue	50 ml	-55 – +150 °C	28 - 35	green studlocking general purpose high torque strength
54.03	954 540 350	blue	50 ml	-55 – +150 °C	14 - 18	medium-tight screw locking device for protection of threads in case of a push, vibration and pressure

Liquid gasketing



TYP	R+M Nr.	C	ñ	°C	Nm *	function
58.14	954 581 407 5	orange	75 ml	-55 – +150 °C	5 - 8	orange general purpose flexible, small to medium size gear boxes sealing

Superglue



TYP	R+M Nr.	C	ñ	°C	setting time	function
43	954 430 20	green	20 ml	-55 – +80 °C	2 - 5 sec.	multi use instant adhesive. Bonds ceramic, fabrics, aluminium, leather and most plastics

limited stock

Activator

TYP	R+M Nr.	ñ	function	fixture time
11	954 112 00	200 ml	for anaerobic adhesives	30 - 60 seconds



Thread seal tape



R+M Nr.	VPE
954 00	1 reel
954 10	10 reels
954 25	250 reels

Grease for seals



R+M Nr.	ñ
953 50	50 g

* shear strength

Threadsealing/threadlocking R+M



TYP	R+M Nr.	C	ñ	VPE	°C	Nm *	function
5353	954 535 302 2	green	1.8 gr.	20 pieces	-55 – +150 °C	40 - 50	high strength, for locking and sealing. High viscosity and high thixotropy, allows for higher tolerances

Symbols °C temperature ñ volume TYP type VPE packing unit C colour ð weight