

Compression fittings (bicone ring system)

Straight screw connectors



X-GE. Zinc-plated steel

R+M Nr.	TYP	AG : AG	I
580 90	6 LL	M10 : 1/8"	20
580 95	6 L	M12 : 1/8"	23
580 98	6 L	M12 : 1/4"	28
580 99	8 L	M14 : 1/8"	24
581 00	8 L	M14 : 1/4"	29
581 05	8 L	M14 : 3/8"	31
581 10	10 L	M16 : 1/4"	30
581 20	10 L	M16 : 3/8"	28
581 25	10 L	M16 : 1/2"	34
581 50	12 L	M18 : 1/4"	31
581 60	12 L	M18 : 3/8"	28
581 55	12 L	M18 : 1/2"	31
581 141 21	14 S	M22 : 1/2"	41



X-GE. Stainless steel

R+M Nr.	TYP	AG : AG	I
581 19	10 L	M16 : 1/4"	30
581 29	10 L	M16 : 3/8"	28
581 59	12 L	M18 : 1/4"	31
581 69	12 L	M18 : 3/8"	28
596 143 81	14 S	M22 : 3/8"	39
596 141 21	14 S	M22 : 1/2"	41

Straight screw connectors



X-GAI. Zinc-plated steel

R+M Nr.	TYP	IG : AG	I
580 00	6 L	1/4" : M12	25
580 10	8 L	1/4" : M14	31
580 20	10 L	1/4" : M16	32
580 50	10 L	3/8" : M16	28
580 30	12 L	1/4" : M18	33
580 40	12 L	3/8" : M18	33



X-GAI. Stainless steel

R+M Nr.	TYP	IG : AG	I
580 29	10 L	1/4" : M16	32
580 39	12 L	1/4" : M18	33

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.	TYP	AG	I
581 30	10 L	M16	27
581 70	12 L	M18	28



X-G. Stainless steel

R+M Nr.	TYP	AG	I
581 79	12 L	M18	28

Elbows



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

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

Pipe pieces



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

R+M Nr.	TYP	∅ : AG	∅	I
581 12	8 L	M14 : 1/4"	8	42
581 11	10 L	M16 : 1/4"	10	40
581 138 2	10 L	M16 : 3/8"	10	44
581 61	12 L	M18 : 3/8"	12	47
581 619*	12 L	M18 : 3/8"	12	47
581 13	12 L	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.	TYP	∅
584 102	L / S	10
584 122	L / S	12

Nut



Zinc-plated steel

R+M Nr.	TYP	∅
584 101	10 L	M16
584 121	12 L	M18

* Stainless steel

Symbols IG female thread AG male thread ∅ diameter ⊕ inlet ⊖ outlet P pressure