

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

Elbows



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

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

Bicone rings



Zinc-plated steel

R+M Nr.	TYP	Ø
584 102	L / S	10
584 122	L / S	12

Nut



Zinc-plated steel

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

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



X-G. Stainless steel

R+M Nr.	TYP	AG	I
593 142	14 S	M22	38

\* Stainless steel