

Malleabele fittingen & staal 11

EE ODLEWNIA



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EE malleabel fitwerk



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Flenzen



WHITEHEART MALLEABEL FITWERK

- Duurzaam geproduceerd van recycled ijzer
- Topkwaliteit voor een scherpe prijs
- Compleet en uitgebreid assortiment

TOEPASSINGEN: Persluchtsystemen, ringleidingsystemen, hydraulische systemen, sprinklerinstallaties, olie- en benzinesystemen, waterleidingen, gasleidingen, stoomleidingen, CV-systemen, gritstraalinstallaties & smeersystemen

TECHNISCHE SPECIFICATIES MATERIAAL: Whiteheart malleabel EN-GJMw-400-5 smeedbaar gietijzer, volgens EN 1562, equivalent tot W 40-05, volgens ISO 5922

VERVAARDIGING: Volgens EN 10242 en ISO 49

SCHROEFDRAAD: BSPT volgens ISO 7/1 en BSP volgens ISO 228/1

OPPERVLAKTEBEHANDELING: Zwart of gegalvaniseerd volgens EN 10242

WERKDRUK: 20°C tot 120°C: 2.5 MPa (25 bar)
300°C: 2.0 MPa (20 bar)

LEKTEST: Volgens EN 10242 is elke EE fitting is onderworpen aan een lektest bij een werkdruk van minimaal 0.5 MPa (5 bar), equivalent aan een minimale hydrostatische druk van 2.0 MPa (20 bar).

MATERIAALSTERKTE: 350-400 MPa, hardheid 220HB

Uitgebreide certificering



Tech Data 20528

1-Bocht 90° male / female



Zwart - BSPT male/BSP female

6700		€
46101313Z	1/4"	2.20
46101717Z	3/8"	2.65
46102121Z	1/2"	2.40
46102727Z	3/4"	4.15
46103232Z	1"	5.75
46104242Z	1.1/4"	10.00
46104848Z	1.1/2"	13.20
46106060Z	2"	21.50
46107676Z	2.1/2"	46.90
46108989Z	3"	60.70

Verzinkt - BSPT male/BSP female

6700		€
46101313	1/4"	2.75
46101717	3/8"	3.40
46102121	1/2"	3.00
46102727	3/4"	5.25
46103232	1"	7.20
46104242	1.1/4"	12.25
46104848	1.1/2"	16.40
46106060	2"	26.50
46107676	2.1/2"	58.25
46108989	3"	75.40
46100114	4"	136.55

2-Bocht 90° female



Zwart - BSP female

6700		€
46092121Z	1/2"	2.65
46092727Z	3/4"	4.25
46093232Z	1"	5.80
46094242Z	1.1/4"	10.00
46094848Z	1.1/2"	12.35
46096060Z	2"	17.15

Verzinkt - BSP female

6700		€
46092121	1/2"	3.40
46092727	3/4"	5.30
46093232	1"	7.20
46094242	1.1/4"	12.35
46094848	1.1/2"	15.30
46096060	2"	21.25
46097676	2.1/2"	59.10
46098989	3"	74.25
46090114	4"	140.95

3-Bocht 90° male



Verzinkt - BSPT male

6700		€
45032121	1/2"	4.90
45032727	3/4"	5.45
45033232	1"	7.75

40-Bocht 45° male / female



Verzinkt - BSPT male/BSP female

6700		€
48101313	1/4"	4.00
48101717	3/8"	3.65
48102121	1/2"	3.40
48102727	3/4"	4.55
48103232	1"	6.50
48104242	1.1/4"	11.50
48104848	1.1/2"	13.65
48106060	2"	21.50
48107676	2.1/2"	46.80
48108989	3"	51.25
48100114	4"	115.95

41-Bocht 45° female



Zwart - BSP female

6700		€
48094242Z	1.1/4"	9.40
48094848Z	1.1/2"	12.55
48096060Z	2"	17.65

Verzinkt - BSP female

6700		€
48092121	1/2"	4.00
48092727	3/4"	5.10
48093232	1"	6.50
48094242	1.1/4"	11.65
48094848	1.1/2"	15.40
48096060	2"	21.65
48097676	2.1/2"	43.05
48098989	3"	54.85

KELM™
pneumatiek

Hydrauliek

Snel-
koppelingen

Afsluiters

Roestvast
staal

Fittingen

Lucht-
conditionering

Gereedschap

Pneumatiek

Diversen

Malleabele
fittingen
& staal

Ringleiding-
systemen

Slangen

Compressoren

90-Knie 90° female



Zwart - BSP female

6700		€
45091313Z	1/4"	1.50
45091717Z	3/8"	1.20
45092121Z	1/2"	0.90
45092727Z	3/4"	1.50
45093232Z	1"	2.05
45094242Z	1.1/4"	3.90
45094848Z	1.1/2"	6.50
45096060Z	2"	7.50
45097676Z	2.1/2"	21.50
45098989Z	3"	29.50
45090114Z	4"	47.10

Verzinkt - BSP female

6700		€
45091313	1/4"	1.85
45091717	3/8"	1.50
45092121	1/2"	1.40
45092727	3/4"	1.80
45093232	1"	2.50
45094242	1.1/4"	4.80
45094848	1.1/2"	8.05
45096060	2"	9.30
45097676	2.1/2"	26.75
45098989	3"	36.65
45090114	4"	64.45

92-Knie 90° male / female



Zwart - BSPT male/BSP female

6700		€
45101313Z	1/4"	1.55
45101717Z	3/8"	1.40
45102121Z	1/2"	1.15
45102727Z	3/4"	1.70
45103232Z	1"	2.65
45104242Z	1.1/4"	4.55
45104848Z	1.1/2"	6.90
45106060Z	2"	9.05
45107676Z	2.1/2"	22.25
45108989Z	3"	29.25

Verzinkt - BSPT male/BSP female

6700		€
45101313	1/4"	1.95
45101717	3/8"	1.80
45102121	1/2"	1.40
45102727	3/4"	2.05
45103232	1"	3.40
45104242	1.1/4"	5.75
45104848	1.1/2"	8.60
45106060	2"	11.40
45107676	2.1/2"	27.55
45108989	3"	36.25
45100114	4"	64.60

96-Driedelige knie conisch dichtend female



Zwart - BSP female

6700		€
49092121Z	1/2"	5.80
49092727Z	3/4"	6.65
49093232Z	1"	9.70
49094242Z	1.1/4"	16.25
49094848Z	1.1/2"	19.05
49096060Z	2"	32.20

Verzinkt - BSP female

6700		€
49091717	3/8"	8.85
49092121	1/2"	7.35
49092727	3/4"	8.25
49093232	1"	12.05
49094242	1.1/4"	20.00
49094848	1.1/2"	23.60
49096060	2"	39.85

98-Driedelige knie conisch dichtend male / female



Zwart - BSPT male/BSP female

6700		€
49102727Z	3/4"	7.45
49103232Z	1"	10.35
49104242Z	1.1/4"	17.05
49104848Z	1.1/2"	21.05
49106060Z	2"	34.15

Verzinkt - BSPT male/BSP female

6700		€
49101717	3/8"	7.80
49102121	1/2"	7.35
49102727	3/4"	9.05
49103232	1"	12.70
49104242	1.1/4"	21.15
49104848	1.1/2"	25.95
49106060	2"	42.35

130-Tee female

Tech Data
20530



Zwart - BSP female

6700		€
45121313Z	1/4"	2.05
45121717Z	3/8"	1.80
45122121Z	1/2"	1.20
45122727Z	3/4"	2.05
45123232Z	1"	2.85
45124242Z	1.1/4"	5.30
45124848Z	1.1/2"	8.35
45126060Z	2"	11.85
45127676Z	2.1/2"	26.20
45128989Z	3"	35.35
45120114Z	4"	67.85

Verzinkt - BSP female

6700		€
45121313	1/4"	2.50
45121717	3/8"	2.20
45122121	1/2"	1.70
45122727	3/4"	2.50
45123232	1"	3.90
45124242	1.1/4"	6.55
45124848	1.1/2"	10.45
45126060	2"	14.55
45127676	2.1/2"	32.60
45128989	3"	43.60
45120114	4"	84.10

130-Verloop tee female

Tech Data
20530



Zwart - BSP female

6700		€
46211321Z	1/2"-1/4"-1/2"	2.75
46212721Z	1/2"-3/4"-1/2"	2.45
46271327Z	3/4"-1/4"-3/4"	3.90
46272121Z	3/4"-1/2"-1/2"	2.40
46272721Z	3/4"-3/4"-1/2"	2.60
46322132Z	1"-1/2"-1"	2.75
46423242Z	1.1/4"-1"-1.1/4"	5.75
46482748Z	1.1/2"-3/4"-1.1/2"	6.80
46483248Z	1.1/2"-1"-1.1/2"	7.45
46484248Z	1.1/2"-1.1/4"-1.1/2"	10.00
46602160Z	2"-1/2"-2"	9.30
46602760Z	2"-3/4"-2"	12.25
46603260Z	2"-1"-2"	9.55
46604260Z	2"-1.1/4"-2"	12.05
46604860Z	2"-1.1/2"-2"	14.00

Verzinkt - BSP female

6700		€
46211321	1/2"-1/4"-1/2"	3.65
46212721	1/2"-3/4"-1/2"	3.15
46271327	3/4"-1/4"-3/4"	4.80
46271727	3/4"-3/8"-3/4"	3.50
46272127	3/4"-1/2"-3/4"	2.50
46321732	1"-3/8"-1"	5.85
46322132	1"-1/2"-1"	3.50
46322732	1"-3/4"-1"	3.80
46323232	1"-1"-1/2"	4.65
46324832	1"-1.1/2"-1"	10.75
46422142	1.1/4"-1/2"-1.1/4"	5.90
46422742	1.1/4"-3/4"-1"	7.75
46422742	1.1/4"-3/4"-1.1/4"	6.35
46482148	1.1/2"-1/2"-1.1/2"	8.05
46482748	1.1/2"-3/4"-1.1/2"	8.45
46483242	1.1/2"-1"-1.1/4"	10.45
46483248	1.1/2"-1"-1.1/2"	9.40
46484248	1.1/2"-1.1/4"-1.1/2"	12.35
46486048	1.1/2"-2"-1.1/2"	17.05
46602160	2"-1/2"-2"	11.50
46602760	2"-3/4"-2"	15.05
46603260	2"-1"-2"	11.85
46604260	2"-1.1/4"-2"	15.05
46604860	2"-1.1/2"-2"	17.45
46762776	2.1/2"-3/4"-2.1/2"	24.10
46764876	2.1/2"-1.1/2"-2.1/2"	28.05
46766076	2.1/2"-2"-2.1/2"	31.70
46894889	3"-1.1/2"-3"	44.30
46896089	3"-2"-3"	40.90
46897689	3"-2.1/2"-3"	48.75

165-Tee 45° female



Verzinkt - BSP female

6700		€
48122121	1/2"	8.60
48122727	3/4"	10.00
48123232	1"	14.90
48124242	1.1/4"	18.40
48124848	1.1/2"	24.85

180-Kruissok female

Tech Data
20531



Zwart - BSP female

6700		€
45322121Z	1/2"	4.05
45322727Z	3/4"	6.25
45323232Z	1"	7.55

Verzinkt - BSP female

6700		€
45321717	3/8"	5.55
45322121	1/2"	5.30
45322727	3/4"	8.05
45323232	1"	10.10
45324242	1.1/4"	13.30
45324848	1.1/2"	18.00
45326060	2"	26.50

221-Knie met zijspuitstuk female

Tech Data
20532



Verzinkt - BSP female

6700		€
49991717	3/8"	6.50
49992121	1/2"	4.80
49992727	3/4"	7.50
49993232	1"	10.20

- KELM™ pneumatiek
- Hydrauliek
- Snelkoppelingen
- Afsluiters
- Roestvast staal
- Fittingen
- Luchtconditionering
- Gereedschap
- Pneumatiek
- Diversen
- Malleabele fittingen & staal
- Ringleidingssystemen
- Slangen
- Compressoren

240-Verloopsok female

Tech Data
20533



Verzinkt - BSP female

6700



45071713	3/8"-1/4"	2.10
45072113	1/2"-1/4"	2.20
45072117	1/2"-3/8"	1.90
45072717	3/4"-3/8"	2.55
45072721	3/4"-1/2"	2.20
45073217	1"-3/8"	3.50
45073221	1"-1/2"	2.65
45073227	1"-3/4"	2.45
45074221	1.1/4"-1/2"	5.15
45074232	1.1/4"-1"	4.55
45074821	1.1/2"-1/2"	8.05
45074827	1.1/2"-3/4"	7.20
45074832	1.1/2"-1"	5.45
45074842	1.1/2"-1.1/4"	6.05
45076021	2"-1/2"	11.00
45076027	2"-3/4"	11.50
45076032	2"-1"	10.75
45076042	2"-1.1/4"	9.40
45076048	2"-1.1/2"	8.85
45077632	2.1/2"-1"	21.65
45077660	2.1/2"-2"	24.40
45078960	3"-2"	37.95
45078976	3"-2.1/2"	43.05
45711460	4"-2"	65.40
45711489	4"-3"	70.20

241-Verloopring male / female

Tech Data
20534



Zwart - BSPT male/BSP female

6700



45041713Z	3/8"-1/4"	1.05
45042113Z	1/2"-1/4"	0.85
45042117Z	1/2"-3/8"	0.80
45042713Z	3/4"-1/4"	1.60
45042717Z	3/4"-3/8"	1.40
45042721Z	3/4"-1/2"	0.85
45043217Z	1"-3/8"	2.05
45043221Z	1"-1/2"	1.40
45043227Z	1"-3/4"	1.20
45044221Z	1.1/4"-1/2"	2.40
45044227Z	1.1/4"-3/4"	2.05
45044232Z	1.1/4"-1"	1.45
45044827Z	1.1/2"-3/4"	3.15
45044832Z	1.1/2"-1"	2.20
45044842Z	1.1/2"-1.1/4"	2.30
45046021Z	2"-1/2"	6.05
45046027Z	2"-3/4"	5.90
45046032Z	2"-1"	4.90
45046042Z	2"-1.1/4"	4.55
45046048Z	2"-1.1/2"	4.25

Verzinkt - BSPT male/BSP female

6700



45041713	3/8"-1/4"	1.45
45042113	1/2"-1/4"	1.05
45042117	1/2"-3/8"	1.05
45042713	3/4"-1/4"	2.00
45042717	3/4"-3/8"	1.50
45042721	3/4"-1/2"	1.20
45043217	1"-3/8"	2.45
45043221	1"-1/2"	1.75
45043227	1"-3/4"	1.50
45044217	1.1/4"-3/8"	4.65
45044221	1.1/4"-1/2"	2.85
45044227	1.1/4"-3/4"	2.45
45044232	1.1/4"-1"	1.80
45044821	1.1/2"-1/2"	3.65
45044827	1.1/2"-3/4"	4.00
45044832	1.1/2"-1"	2.65
45044842	1.1/2"-1.1/4"	2.75
45046021	2"-1/2"	7.50
45046027	2"-3/4"	7.35
45046032	2"-1"	6.05
45046042	2"-1.1/4"	5.75
45046048	2"-1.1/2"	5.25
45047632	2.1/2"-1"	11.65
45047642	2.1/2"-1.1/4"	13.65
45047648	2.1/2"-1.1/2"	12.95
45047660	2.1/2"-2"	9.85
45048932	3"-1"	18.35
45048948	3"-1.1/2"	17.05
45048960	3"-2"	12.85
45048976	3"-2.1/2"	14.55
45411460	4"-2"	36.80
45411476	4"-2.1/2"	27.30
45411489	4"-3"	26.20

245-Verloopnippel male

Tech Data
20535



Zwart - BSPT male

6700



45021713Z	3/8"-1/4"	1.75
45022113Z	1/2"-1/4"	2.40
45022117Z	1/2"-3/8"	2.05
45022717Z	3/4"-3/8"	3.50
45022721Z	3/4"-1/2"	1.80
45023221Z	1"-1/2"	3.65
45023227Z	1"-3/4"	2.05
45024232Z	1.1/4"-1"	3.40
45024832Z	1.1/2"-1"	7.55
45024842Z	1.1/2"-1.1/4"	4.05
45026032Z	2"-1"	6.80
45026042Z	2"-1.1/4"	8.60
45026048Z	2"-1.1/2"	7.95

Verzinkt - BSPT male

6700



45021713	3/8"-1/4"	2.20
45022113	1/2"-1/4"	2.85
45022117	1/2"-3/8"	2.45
45022717	3/4"-3/8"	4.45
45022721	3/4"-1/2"	2.30
45023221	1"-1/2"	4.45
45023227	1"-3/4"	2.45
45024221	1.1/4"-1/2"	6.85
45024227	1.1/4"-3/4"	5.85
45024232	1.1/4"-1"	4.05
45024827	1.1/2"-3/4"	5.85
45024832	1.1/2"-1"	9.55
45024842	1.1/2"-1.1/4"	5.10
45026032	2"-1"	8.45
45026042	2"-1.1/4"	10.75
45026048	2"-1.1/2"	9.70
45027648	2.1/2"-1.1/2"	14.30
45027660	2.1/2"-2"	24.10
45028960	3"-2"	29.35
45028976	3"-2.1/2"	36.35

246-Verloop soknippel

Tech Data
20536



Verzinkt - BSP
female/BSPT male

6700



45081713	3/8"-1/4"	2.00
45082113	1/2"-1/4"	2.40
45082117	1/2"-3/8"	2.10
45082717	3/4"-3/8"	3.40
45082721	3/4"-1/2"	2.20
45083221	1"-1/2"	3.40
45083227	1"-3/4"	3.65
45084227	1.1/4"-3/4"	6.50
45084232	1.1/4"-1"	4.05
45084832	1.1/2"-1"	7.65
45084842	1.1/2"-1.1/4"	6.65
45086042	2"-1.1/4"	10.90
45086048	2"-1.1/2"	11.50

270-Sok female

Tech Data
20537



Zwart - BSP female

6700



45061313Z	1/4"	1.40
45061717Z	3/8"	1.20
45062121Z	1/2"	1.15
45062727Z	3/4"	1.40
45063232Z	1"	1.75
45064242Z	1.1/4"	2.75
45064848Z	1.1/2"	3.90
45066060Z	2"	6.05

Verzinkt - BSP female

6700



45061313	1/4"	1.80
45061717	3/8"	1.50
45062121	1/2"	1.40
45062727	3/4"	1.75
45063232	1"	2.20
45064242	1.1/4"	3.50
45064848	1.1/2"	5.00
45066060	2"	7.50
45067676	2.1/2"	20.55
45068989	3"	24.75
45060114	4"	56.80

280-Dubbele nippel male

Tech Data
20535



Zwart - BSPT male

6700



45001313Z	1/4"	1.45
45001717Z	3/8"	1.75
45002121Z	1/2"	0.90
45002727Z	3/4"	1.20
45003232Z	1"	1.70
45004242Z	1.1/4"	2.75
45004848Z	1.1/2"	3.40
45006060Z	2"	6.05
45007676Z	2.1/2"	10.60
45008989Z	3"	12.70

Verzinkt - BSPT male

6700



45001313	1/4"	1.80
45001717	3/8"	2.10
45002121	1/2"	1.40
45002727	3/4"	1.50
45003232	1"	2.10
45004242	1.1/4"	3.50
45004848	1.1/2"	4.05
45006060	2"	7.50
45007676	2.1/2"	12.95
45008989	3"	15.70
45000114	4"	56.65

300-Kap zeskant female

Tech Data
20538



Zwart - BSP female

6700



45261300Z	1/4"	1.00
45261700Z	3/8"	0.90
45262100Z	1/2"	1.15
45262700Z	3/4"	1.40
45263200Z	1"	1.50
45264200Z	1.1/4"	2.40
45264800Z	1.1/2"	3.00
45266000Z	2"	5.45
45267600Z	2.1/2"	10.10
45268900Z	3"	11.00
45261140Z	4"	23.85

290-Plug met vierkante kop male

Tech Data
20538



Zwart - BSPT male

6700



45181300Z	1/4"	0.75
45181700Z	3/8"	0.70
45182100Z	1/2"	0.70
45182700Z	3/4"	0.90
45183200Z	1"	1.15
45184200Z	1.1/4"	2.00
45184800Z	1.1/2"	2.40
45186000Z	2"	4.30
45187600Z	2.1/2"	9.05
45188900Z	3"	11.85
45181140Z	4"	20.40

Verzinkt - BSPT male

6700



45181300	1/4"	1.00
45181700	3/8"	0.85
45182100	1/2"	0.90
45182700	3/4"	1.20
45183200	1"	1.40
45184200	1.1/4"	2.40
45184800	1.1/2"	2.85
45186000	2"	5.45
45187600	2.1/2"	11.40
45188900	3"	14.55
45181140	4"	25.70

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310-Sluitmoer zeskant

Tech Data
20538

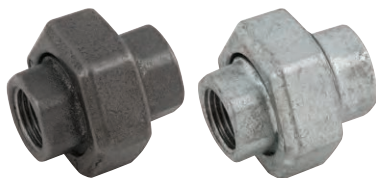


Verzinkt - BSP female

6700		€
45301700	3/8"	1.40
45302100	1/2"	1.00
45302700	3/4"	1.05
45303200	1"	1.45
45304200	1.1/4"	2.30
45304800	1.1/2"	2.50
45306000	2"	5.25

340-Driedelige koppeling conisch dichtend female

Tech Data
20538



Zwart - BSP female

6700		€
46061717Z	3/8"	5.25
46062121Z	1/2"	4.90
46062727Z	3/4"	5.10
46063232Z	1"	5.90
46064242Z	1.1/4"	9.70
46064848Z	1.1/2"	11.40
46066060Z	2"	18.95
46067676Z	2.1/2"	41.15
46068989Z	3"	50.30

Verzinkt - BSP female

6700		€
46061717	3/8"	6.50
46062121	1/2"	6.15
46062727	3/4"	6.45
46063232	1"	7.35
46064242	1.1/4"	12.25
46064848	1.1/2"	14.30
46066060	2"	23.60
46067676	2.1/2"	50.85
46068989	3"	70.00
46061140	4"	140.95

341-Driedelige koppeling conisch dichtend male / female

Tech Data
20539



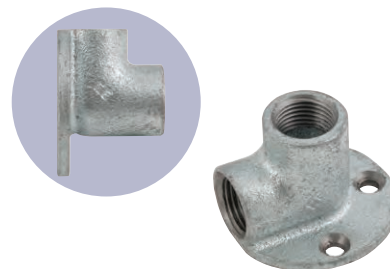
Zwart - BSPT male/BSP female

6700		€
47081717Z	3/8"	4.55
47082121Z	1/2"	4.40
47082727Z	3/4"	5.30
47083232Z	1"	6.55
47084242Z	1.1/4"	10.45
47084848Z	1.1/2"	13.40
47086060Z	2"	21.15
47087676Z	2.1/2"	44.90
47088989Z	3"	70.20

Verzinkt - BSPT male/BSP female

6700		€
47081717	3/8"	5.75
47082121	1/2"	5.75
47082727	3/4"	7.00
47083232	1"	8.25
47084242	1.1/4"	12.85
47086060	2"	25.95
47084848	1.1/2"	16.40
47087676	2.1/2"	55.50
47088989	3"	86.85
47080114	4"	156.05

471-Muurplaat female



Verzinkt - BSP female

6700		€
45472121	1/2"	6.55
45472727	3/4"	12.90

529A-Soknippel male / female



Verzinkt - BSPT male/BSP female

6700		€
46082121	1/2"	2.30
46082727	3/4"	3.20
46083232	1"	5.10

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Pijpnippels - staal

23-Pijpnippel male - zwart



DIN 2982 - BSPT male

MALZ			€	MALZ			€	MALZ			€
45313040Z	1/4"	40	2.05	45327060Z	3/4"	60	1.20	45348180Z	1,1/2"	180	5.15
45313060Z	1/4"	60	2.45	45327080Z	3/4"	80	1.55	45348200Z	1,1/2"	200	5.55
45313080Z	1/4"	80	2.70	45327100Z	3/4"	100	1.85	45348250Z	1,1/2"	250	6.95
45313100Z	1/4"	100	2.90	45327120Z	3/4"	120	2.05	45348300Z	1,1/2"	300	8.00
45313120Z	1/4"	120	3.40	45327150Z	3/4"	150	2.15	45360080Z	2"	80	4.85
45313150Z	1/4"	150	4.15	45327180Z	3/4"	180	2.60	45360100Z	2"	100	5.25
45313180Z	1/4"	180	5.30	45327200Z	3/4"	200	2.85	45360120Z	2"	120	5.55
45313200Z	1/4"	200	5.95	45327250Z	3/4"	250	3.30	45360150Z	2"	150	6.35
45313250Z	1/4"	250	6.75	45327300Z	3/4"	300	3.95	45360180Z	2"	180	7.15
45313300Z	1/4"	300	7.70	45332040Z	1"	40	1.55	45360200Z	2"	200	7.65
45317030Z	3/8"	30	2.05	45332060Z	1"	60	1.60	45360250Z	2"	250	9.80
45317040Z	3/8"	40	1.85	45332080Z	1"	80	1.95	45360300Z	2"	300	11.50
45317060Z	3/8"	60	2.05	45332100Z	1"	100	2.15	45376100Z	2,1/2"	100	9.45
45317080Z	3/8"	80	2.15	45332120Z	1"	120	2.40	45376120Z	2,1/2"	120	10.05
45317100Z	3/8"	100	2.40	45332150Z	1"	150	2.70	45376150Z	2,1/2"	150	11.70
45317120Z	3/8"	120	2.60	45332180Z	1"	180	3.40	45376180Z	2,1/2"	180	12.60
45317150Z	3/8"	150	3.15	45332200Z	1"	200	4.15	45376200Z	2,1/2"	200	13.90
45317180Z	3/8"	180	3.70	45332250Z	1"	250	4.40	45376250Z	2,1/2"	250	17.25
45317200Z	3/8"	200	4.40	45332300Z	1"	300	5.30	45376300Z	2,1/2"	300	19.35
45317250Z	3/8"	250	5.40	45342060Z	1,1/4"	60	2.55	45389100Z	3"	100	12.60
45317300Z	3/8"	300	6.35	45342080Z	1,1/4"	80	2.60	45389120Z	3"	120	13.75
45321030Z	1/2"	30	2.15	45342100Z	1,1/4"	100	2.70	45389150Z	3"	150	15.40
45321040Z	1/2"	40	1.00	45342120Z	1,1/4"	120	2.85	45389180Z	3"	180	16.60
45321060Z	1/2"	60	1.10	45342150Z	1,1/4"	150	3.40	45389200Z	3"	200	17.80
45321080Z	1/2"	80	1.20	45342180Z	1,1/4"	180	4.25	45389250Z	3"	250	20.90
45321100Z	1/2"	100	1.50	45342200Z	1,1/4"	200	5.40	45389300Z	3"	300	22.80
45321120Z	1/2"	120	1.55	45342250Z	1,1/4"	250	6.10	45314100Z	4"	100	19.65
45321150Z	1/2"	150	2.05	45342300Z	1,1/4"	300	6.75	45314120Z	4"	120	20.75
45321180Z	1/2"	180	2.45	45348060Z	1,1/2"	60	2.85	45314150Z	4"	150	23.10
45321200Z	1/2"	200	2.50	45348080Z	1,1/2"	80	2.90	45314180Z	4"	180	25.50
45321250Z	1/2"	250	2.85	45348100Z	1,1/2"	100	3.30	45314200Z	4"	200	28.70
45321300Z	1/2"	300	3.30	45348120Z	1,1/2"	120	3.55	45314250Z	4"	250	31.30
45327040Z	3/4"	40	1.10	45348150Z	1,1/2"	150	4.25	45314300Z	4"	300	38.15

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Pijpnippels - staal

23-Pijpnippel male - verzinkt



DIN 2982 - BSPT male

MALF			€	MALF			€	MALF			€
45311060	1/8"	60	2.15	45327040	3/4"	40	1.50	45348180	1,1/2"	180	5.75
45311080	1/8"	80	2.15	45327060	3/4"	60	1.50	45348200	1,1/2"	200	6.35
45313040	1/4"	40	2.15	45327080	3/4"	80	1.60	45348250	1,1/2"	250	8.00
45313060	1/4"	60	2.55	45327100	3/4"	100	1.85	45348300	1,1/2"	300	9.25
45313080	1/4"	80	2.85	45327120	3/4"	120	2.15	45360080	2"	80	5.25
45313100	1/4"	100	3.30	45327150	3/4"	150	2.50	45360100	2"	100	5.75
45313120	1/4"	120	3.75	45327180	3/4"	180	2.90	45360120	2"	120	6.10
45313150	1/4"	150	4.50	45327200	3/4"	200	3.25	45360150	2"	150	6.85
45313180	1/4"	180	5.25	45327250	3/4"	250	3.65	45360180	2"	180	8.00
45313200	1/4"	200	6.10	45327300	3/4"	300	4.85	45360200	2"	200	9.00
45313250	1/4"	250	6.95	45332040	1"	40	1.85	45360250	2"	250	11.05
45313300	1/4"	300	7.65	45332060	1"	60	1.95	45360300	2"	300	12.95
45317030	3/8"	30	2.05	45332080	1"	80	2.15	45376100	2,1/2"	100	10.50
45317040	3/8"	40	2.05	45332100	1"	100	2.55	45376120	2,1/2"	120	10.95
45317060	3/8"	60	2.15	45332120	1"	120	2.65	45376150	2,1/2"	150	12.95
45317080	3/8"	80	2.40	45332150	1"	150	3.00	45376180	2,1/2"	180	13.90
45317100	3/8"	100	2.55	45332180	1"	180	3.85	45376200	2,1/2"	200	15.30
45317120	3/8"	120	2.85	45332200	1"	200	4.40	45376250	2,1/2"	250	18.65
45317150	3/8"	150	3.40	45332250	1"	250	5.25	45376300	2,1/2"	300	21.30
45317180	3/8"	180	3.95	45332300	1"	300	6.25	45389100	3"	100	13.75
45317200	3/8"	200	4.85	45342060	1,1/4"	60	2.60	45389120	3"	120	14.85
45317250	3/8"	250	5.80	45342080	1,1/4"	80	2.65	45389150	3"	150	16.15
45317300	3/8"	300	7.40	45342100	1,1/4"	100	2.85	45389180	3"	180	18.05
45321030	1/2"	30	2.15	45342120	1,1/4"	120	3.00	45389200	3"	200	20.25
45321040	1/2"	40	1.05	45342150	1,1/4"	150	3.85	45389250	3"	250	24.10
45321060	1/2"	60	1.35	45342180	1,1/4"	180	4.85	45389300	3"	300	27.40
45321080	1/2"	80	1.50	45342200	1,1/4"	200	5.40	45314100	4"	100	20.45
45321100	1/2"	100	1.55	45342250	1,1/4"	250	6.80	45314120	4"	120	23.00
45321120	1/2"	120	1.85	45342300	1,1/4"	300	7.70	45314150	4"	150	26.30
45321150	1/2"	150	2.15	45348060	1,1/2"	60	2.90	45314180	4"	180	28.70
45321180	1/2"	180	2.65	45348080	1,1/2"	80	3.15	45314200	4"	200	31.20
45321200	1/2"	200	2.90	45348100	1,1/2"	100	3.40	45314250	4"	250	33.85
45321250	1/2"	250	3.40	45348120	1,1/2"	120	3.70	45314300	4"	300	41.10
45321300	1/2"	300	3.85	45348150	1,1/2"	150	4.75				

Lasfittingen

Materiaal: Normaal wandig staal 37.0.S (naadloos)
Kwaliteitscontrole: T.U.V. Quality systems. Fabricage volgens DIN.
Oppervlaktebehandeling: Zwart



Barstdruk: 80 bar
Werkdruk: 30 bar
 (bij +20°C)

Lasbocht 90°



Zwart DIN 2605 (Staal 37.0.S)

MALZ		OD mm	mm	€
45192100Z	1/2"	21,3	2,0	2.75
45192700Z	3/4"	26,9	2,3	2.80
45193200Z	1"	33,7	2,6	3.25
45194200Z	1.1/4"	42,4	2,6	3.75
45194800Z	1.1/2"	48,3	2,6	4.60
45196000Z	2"	60,3	2,9	7.40
45197600Z	2.1/2"	76,1	2,9	10.15
45198600Z	3"	88,9	3,2	14.85
45198700Z	101	101,6	3,6	24.10
45198900Z	108	108,0	3,6	25.00
45191140Z	4"	114,3	3,6	26.30

Lasbocht 45°



Zwart DIN 2605 (Staal 37.0.S)

MALZ		OD mm	mm	€
46192100Z	1/2"	21,3	2,0	4.25
46192700Z	3/4"	26,9	2,3	4.25
46193200Z	1"	33,7	2,6	4.40
46194200Z	1.1/4"	42,4	2,6	5.25
46194800Z	1.1/2"	48,3	2,6	8.90
46196000Z	2"	60,3	2,9	10.00
46197600Z	2.1/2"	76,1	2,9	14.55
46198600Z	3"	88,9	3,2	20.50
46191140Z	4"	114,3	3,6	36.10

Lassok egaal



Female - DIN 2986 (Staal 37.0.S)

MALZ		OD mm	L mm	€
45161000Z	1/8"	14,7	17	0.85
45161300Z	1/4"	18,4	25	0.85
45161700Z	3/8"	21,4	26	0.95
45162100Z	1/2"	26,8	34	0.95
45162700Z	3/4"	32,0	36	1.50
45163200Z	1"	39,7	43	2.40
45164200Z	1.1/4"	48,7	48	3.00
45164800Z	1.1/2"	55,3	48	3.70
45166000Z	2"	66,2	56	5.55
45167600Z	2.1/2"	82,6	65	9.60
45168900Z	3"	95,5	71	14.25
45161140Z	4"	122,0	83	24.30

Sokken

Gesmede sok egaal



Gegalvaniseerd - BSP female

MALF	BSPP	€
MIWRSG-18	1/8"	1.55
MIWRSG-14	1/4"	1.75
MIWRSG-38	3/8"	1.95
MIWRSG-12	1/2"	2.05
MIWRSG-34	3/4"	2.35
MIWRSG-1	1"	3.85
MIWRSG-114	1.1/4"	6.05
MIWRSG-112	1.1/2"	6.45
MIWRSG-2	2"	10.10
MIWRSG-212	2.1/2"	28.50
MIWRSG-3	3"	46.40
MIWRSG-4	4"	73.50

Zwart - BSP female

MALF	BSPP	€
MIWRSB-18N	1/8"	1.35
MIWRSB-14N	1/4"	1.55
MIWRSB-38N	3/8"	1.75
MIWRSB-12N	1/2"	1.85
MIWRSB-34N	3/4"	2.35
MIWRSB-1N	1"	3.70
MIWRSB-114N	1.1/4"	5.35
MIWRSB-112N	1.1/2"	7.40
MIWRSB-2N	2"	10.90
MIWRSB-212N	2.1/2"	15.40
MIWRSB-3N	3"	24.15
MIWRSB-4N	4"	40.50

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Gelaste verzinkte gasbuizen

- In- en uitwendig thermisch verzinkt
- NEN-3257 / DIN-2440
- Installatie kwaliteit

Let op: afwijkende transportkosten van toepassing

Maximale werkdruk:
25 bar

Gladde einden - 6 meter lengte - DIN 2440

GASB				€
9700017	3/8"	2.32	17.2	33.00
9700021	1/2"	2.65	21.3	36.70
9700027	3/4"	2.65	26.9	45.80
9700032	1"	3.25	33.7	70.85
9700042	1.1/4"	3.25	42.4	90.60
9700048	1.1/2"	3.25	48.3	104.15
9700060	2"	3.65	60.3	147.10
9700076	2.1/2"	3.65	76.1	203.35
9700089	3"	4.05	88.9	244.60
9700114	4"	4.5	114.3	357.30

BSPT draadeinden - 6 meter lengte - DIN 2440

GASB				€
9710021	1/2"	2.6	21.3	37.35
9710027	3/4"	2.6	26.9	46.55
9710032	1"	3.2	33.7	72.05
9710042	1.1/4"	3.2	42.4	92.30
9710048	1.1/2"	3.2	48.3	106.30
9710060	2"	3.6	60.3	149.75
9710076	2.1/2"	3.6	76.1	191.50
9710089	3"	4	88.9	249.10



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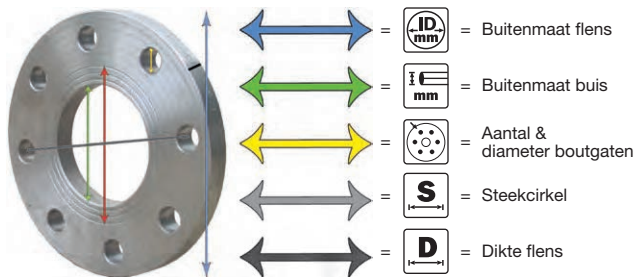
Voor

hydrauliekbuis



...zie hoofdstuk 2

Flenzen - staal



Topkwaliteit voor een breed scala aan toepassingen binnen de chemische en petrochemische industrie, offshore, etc.

Naast dit assortiment van meest toegepaste flenzen zijn een groot aantal types en maten op aanvraag leverbaar.

Draadflenzen staal C22,8, volgens DIN normering 2566

Voorlasflenzen staal C22,8 volgens DIN normering 2633 (2631/2635)

Vlakke lasflenzen staal 37,2 volgens normering EN1092-1 (voorheen DIN 2576)

Blindflenzen staal 37, volgens normering EN1092-5 (voorheen DIN 2527)

Draadflenzen staal DIN 2566



Verzinkt - DIN 2566 ST37 - 16 bar

FLEN	S	D	Bar	ID (mm)	Buis (mm)	Boutgaten	€
DN15-DF16B-12	65	14	1/2"	95	21,3	4 x 14mm	5.45
DN20-DF16B-34	75	16	3/4"	105	26,9	4 x 14mm	6.65
DN25-DF16B-1	85	16	1"	115	33,7	4 x 14mm	8.10
DN32-DF16B-114	100	16	1.1/4"	140	42,4	4 x 18mm	11.35
DN40-DF16B-112	110	16	1.1/2"	150	48,3	4 x 18mm	13.75
DN50-DF16B-2	125	18	2"	165	60,3	4 x 18mm	17.80
DN65-DF16B-212	145	18	2.1/2"	185	76,1	8 x 18mm	21.15
DN80-DF16B-3	160	20	3"	200	88,9	8 x 18mm	25.40
DN100-DF16B-4	180	20	4"	220	114,3	8 x 18mm	30.25



Zwart - DIN 2566 ST37 - 16 bar

FLEN	S	D	Bar	ID (mm)	Buis (mm)	Boutgaten	€
DN15-DF16B-12Z	65	14	1/2"	95	21,3	4 x 14mm	5.25
DN20-DF16B-34Z	75	16	3/4"	105	26,9	4 x 14mm	6.45
DN25-DF16B-1Z	85	16	1"	115	33,7	4 x 14mm	7.50
DN32-DF16B-114Z	100	16	1.1/4"	140	42,4	4 x 18mm	11.20
DN40-DF16B-112Z	110	16	1.1/2"	150	48,3	4 x 18mm	12.60
DN50-DF16B-2Z	125	18	2"	165	60,3	4 x 18mm	14.20
DN65-DF16B-212Z	145	18	2.1/2"	185	76,1	8 x 18mm	19.05
DN80-DF16B-3Z	160	20	3"	200	88,9	8 x 18mm	23.60
DN100-DF16B-4Z	180	20	4"	220	114,3	8 x 18mm	26.80

Voorlasflenzen staal DIN 2633

Voorlasflenzen in PN6 (DIN 2631), PN10 en PN40 (DIN 2635) en andere maten zijn op aanvraag leverbaar.



Staal DIN 2633 C22,8 - 16 bar

FLEN	S	D	Bar	ID (mm)	Buis (mm)	Boutgaten	€
DN015-VLF021-16	65	14	95	21,3	4 x 14mm	4.00	
DN020-VLF026-16	75	16	105	26,9	4 x 14mm	6.45	
DN025-VLF033-16	85	16	115	33,7	4 x 14mm	7.30	
DN032-VLF042-16	100	16	140	42,4	4 x 18mm	10.95	
DN040-VLF048-16	110	16	150	48,3	4 x 18mm	11.35	
DN050-VLF060-16	125	18	165	60,3	4 x 18mm	18.00	
DN065-VLF076-16	145	18	185	76,1	8 x 18mm	18.80	
DN080-VLF088-16	160	20	200	88,9	8 x 18mm	21.50	
DN100-VLF114-16	180	20	220	114,3	8 x 18mm	27.40	
DN125-VLF139-16	210	22	250	139,7	8 x 18mm	36.50	
DN150-VLF168-16	240	22	285	168,3	8 x 22mm	49.70	
DN200-VLF219-16	295	24	340	219,1	12 x 22mm	72.70	

Vlakke lasflenzen staal EN1092-1 (voorheen DIN 2576)

Vlakke lasflenzen in PN6 (DIN 2573) en in andere maten zijn op aanvraag leverbaar.



Staal EN1092-1 ST37,2 - 16 bar

FLEN	S	D	Bar	ID (mm)	Buis (mm)	Boutgaten	€
DN015-SLF021-16	65	14	16	95	21,3	4 x 14mm	4.35
DN020-SLF026-16	75	16	16	105	26,9	4 x 14mm	6.00
DN025-SLF033-16	85	16	16	115	33,7	4 x 14mm	7.30
DN032-SLF042-16	100	16	16	140	42,4	4 x 18mm	10.45
DN040-SLF048-16	110	16	16	150	48,3	4 x 18mm	11.80
DN050-SLF060-16	125	18	16	165	60,3	4 x 18mm	14.90
DN065-SLF076-16	145	18	16	185	76,1	8 x 18mm	17.25
DN080-SLF088-16	160	20	16	200	88,9	8 x 18mm	19.55
DN100-SLF114-16	180	20	16	220	114,3	8 x 18mm	23.90
DN125-SLF139-16	210	22	16	250	139,7	8 x 18mm	30.15
DN150-SLF168-16	240	22	16	285	168,3	8 x 22mm	38.90
DN200-SLF219-16	295	24	16	340	219,1	12 x 22mm	53.05

Staal EN1092-1 ST37,2 - 10 bar

FLEN	S	D	Bar	ID (mm)	Buis (mm)	Boutgaten	€
DN080-SLF088-10	160	20	10	200	88,9	4 x 18mm	20.70
DN200-SLF219-10	295	24	10	340	219,1	8 x 22mm	50.55
DN250-SLF273-10	350	26	10	395	273,0	12 x 22mm	64.30
DN300-SLF323-10	400	26	10	445	323,9	12 x 22mm	75.60
DN350-SLF355-10	460	28	10	505	355,6	16 x 22mm	124.45
DN400-SLF406-10	515	32	10	565	406,4	16 x 26mm	156.55
DN450-SLF457-10	565	26	10	615	457,0	20 x 27mm	197.00
DN500-SLF508-10	620	26	10	670	508,0	20 x 27mm	247.70

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Ringleidingssystemen
Slangen
Compressoren

Flenzen - staal



Blindflenzen staal EN1092-5 (voorheen DIN 2527)



Staal EN1092-5 ST37 - 16 bar

FLEN	S	D	bar	ID mm		€
DN015-BF-16	65	14	16	95	4 x 14mm	4.25
DN020-BF-16	75	16	16	105	4 x 14mm	5.45
DN025-BF-16	85	16	16	115	4 x 14mm	6.90
DN032-BF-16	100	16	16	140	4 x 18mm	9.55
DN040-BF-16	110	16	16	150	4 x 18mm	10.75
DN050-BF-16	125	18	16	165	4 x 18mm	15.40
DN065-BF-16	145	18	16	185	8 x 18mm	20.70
DN080-BF-16	160	20	16	200	8 x 18mm	23.10
DN100-BF-16	180	20	16	220	8 x 18mm	30.05
DN125-BF-16	210	22	16	250	8 x 18mm	48.50
DN150-BF-16	240	22	16	285	8 x 22mm	62.55



Staal EN1092-5 ST37 - 10 bar

FLEN	S	D	bar	ID mm		€
DN080-BF-10	160	20	10	200	4 x 18mm	23.10
DN200-BF-10	295	24	10	340	8 x 22mm	113.85
DN250-BF-10	350	26	10	395	12 x 22mm	176.05
DN300-BF-10	400	26	10	445	12 x 22mm	218.70
DN350-BF-10	460	26	10	505	16 x 22mm	281.25
DN400-BF-10	515	26	10	565	16 x 26mm	350.75
DN450-BF-10	565	28	10	615	20 x 27mm	466.10
DN500-BF-10	620	28	10	670	20 x 26mm	572.80

Universele HD flenspakking ring



Zonder boutgaten - 16 bar

FLEN	To Suit	€
PF16DN015	DN015	0.80
PF16DN020	DN020	0.85
PF16DN025	DN025	0.95
PF16DN032	DN032	1.40
PF16DN040	DN040	1.65
PF16DN050	DN050	1.70
PF16DN065	DN065	2.10
PF16DN080	DN080	2.55
PF16DN100	DN100	3.00
PF16DN125	DN125	4.95
PF16DN150	DN150	5.55
PF10DN200	DN200	9.00
PF16DN250	DN250	13.40
PF16DN300	DN300	16.80
PF16DN350	DN350	28.60

Universele bouten voor flenzen

Staal 8.8 gegalvaniseerd

FLEN			L mm	€
FBOUTM12X50	M12	14	50	0.50
FBOUTM16X65	M16	18	65	1.25
FBOUTM20X90	M20	22	90	2.75
FBOUTM24X90	M24	26 & 27	90	4.55

Universele moeren voor flenzen

Staal 8.8 gegalvaniseerd

FLEN			€
FMOERM12	M12	14	0.10
FMOERM16	M16	18	0.20
FMOERM20	M20	22	0.40
FMOERM24	M24	26 & 27	1.05

Universele sluitringen voor flenzen

Staal 8.8 gegalvaniseerd

FLEN			€
FSLRINGM12	M12	14	0.05
FSLRINGM16	M16	18	0.15
FSLRINGM20	M20	22	0.20
FSLRINGM24	M24	26 & 27	0.45

Universele veerringen voor flenzen

Staal 8.8 gegalvaniseerd

FLEN			€
FVEERRINGM12	M12	14	0.05
FVEERRINGM16	M16	18	0.15
FVEERRINGM20	M20	22	0.25
FVEERRINGM24	M24	26 & 27	0.30

Andere uitvoeringen en materialen zijn op aanvraag leverbaar.