



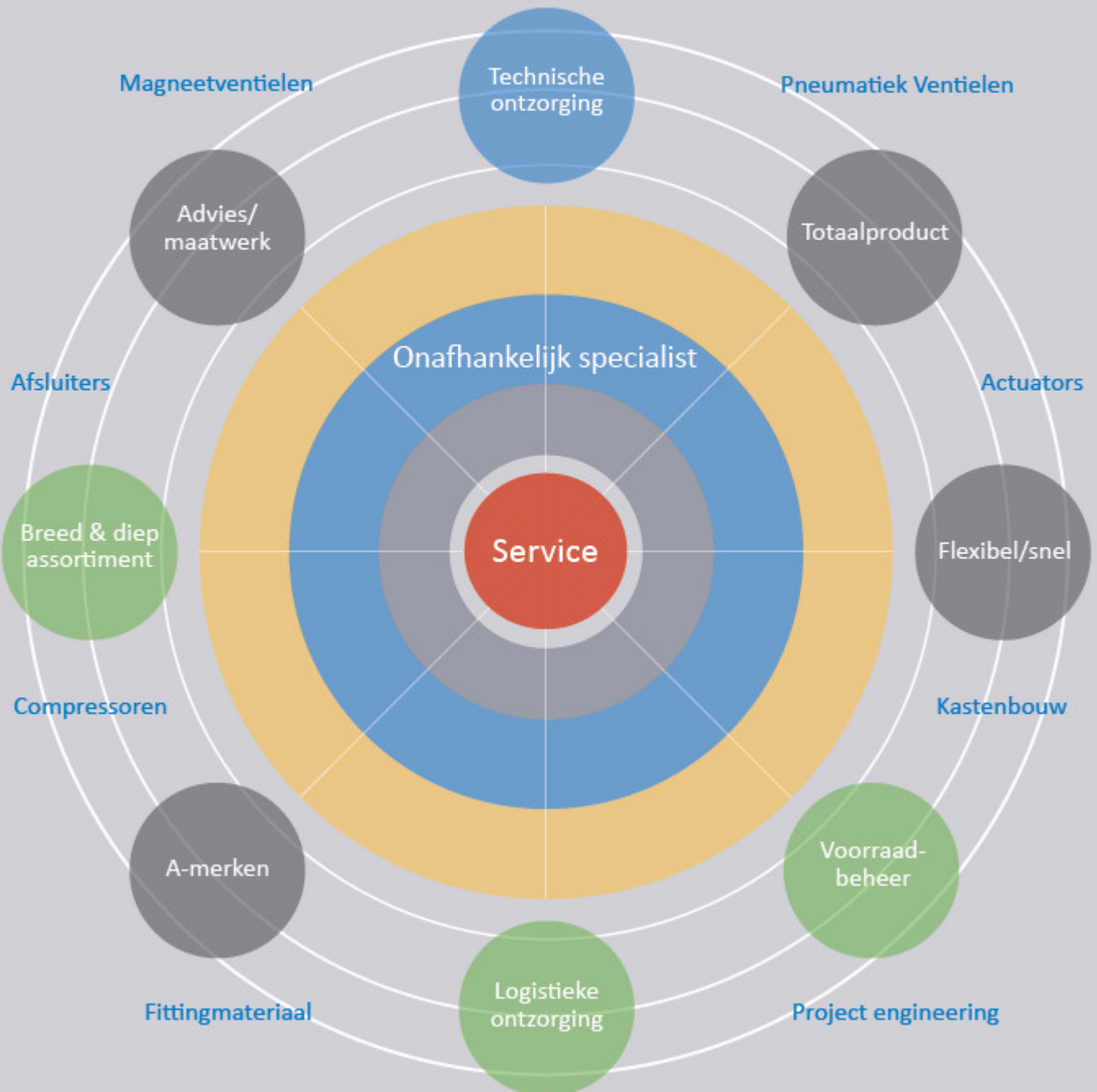
Mens, Maatwerk & Techniek

Professionals in Flow & Fluid Technology

Het meten en regelen van diverse
soorten vloeistof- en gasstromen
is onze tweede natuur



Catalogus 2016



Malleabele fittingen & staal 11



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EE malleabel fitwerk



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+GF+



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Flenzen



malleabel fitwerk

ODLEWNIA ŻELIWA ZAWIERCIE

DIN-DVGW-Baumusterprüfzertifikat
DIN-DVGW type examination certificate

DVGW CERT GMBH

NV-7641CL0044
Registrierungsnummer
registration number

Anwendungsbereich field of application	Produkte der Gas- und Wasserversorgung products of gas and water supply
Zertifikatinhaber owner of certificate	ODLEWNIA ŻELIWA S.A. ul. Lesna 10, PL-42-400 Zawiercie
Vertreiber distributor	ODLEWNIA ŻELIWA S.A. ul. Lesna 10, PL-42-400 Zawiercie
Produktart product category	metal pipe unions and joints - malleable cast iron fitting (7641)
Produktbezeichnung product description	malleable cast iron fittings, design symbol "A"
Modell model	EE
Prüfberichte test reports	mechanical test: 120003360 from 08.02.2010 (MPM)
Prüfgrundlagen basis of type examination	DIN EN 10242 (01.03.1995)

Ablaufdatum
date of expiry: 08.03.2010

INSTITUT NAFTY I GAZU
OIL AND GAS INSTITUTE

PL 31-803 Kraków, ul. Łobezka 25A
Tel: +48 71 4210333 Fax: +48 12 4210090
BIURO CERTYFIKACJI
CERTIFICATION OFFICE
Tel: +48 12 420264 www.ingp.pl

PCA
POLSKA CECHOWA PRACOWNI
AC 010

CERTYFIKAT ZGODNOŚCI Nr 29 / 12
CERTIFICATE OF CONFORMITY

Nazwa i adres producenta:
Name and address of producer: Odlewnia Żeliwa S.A.
42-400 Zawiercie ul. Lesna 10

Miejsce produkcji:
Place of production: Odlewnia Żeliwa S.A.
42-400 Zawiercie ul. Lesna 10

Nazwa wyrobu:
Name of product: Ciwintowane łączniki rurowe z żeliwa ciągliwego

Typ (rodziny):
Type (models): kolanki A, trójniki B i E, czwórniki C, złączki M i N,
łuki D i G, zastępki i korki T, narożniki Z,
dwudziaki U1 i U2, dwudziaki łankowe UAI i UAZ
zakres łankowe: $X_1 = 2$ (DNS - DNS0) MOPS T2i-20°C = 60 °C

Przeznaczenie wyrobu:
Intended use of product: Instalacje gazowe budynków zasilane paliwami gazowymi
wg PN-C-04750:2011

Wyrób spełnia wymagania
zwane w: PN-EN 10242:1999 + A1:2002 + A2:2005
rozporządzeniu o: PN-EN 10242:1999 + A1:2002 + A2:2005

na podstawie równoważnej z homologacji:
on the basis of test report: 4A/GU/GP-1.02

Dokonano oceny zgodności według Systemu 1
zgodnie z Rozporządzeniem Ministra Infrastruktury z dnia 11 sierpnia 2004 r.
w sprawie sposobów deklarowania zgodności wyrobów budowlanych
sposobu znakowania ich znakami budowlanymi (Dz. U. Nr 195, poz. 2041)
According to the system 1 was performed according to the directive from the Ministry of Infrastructure the also
concerning the method of declaring conformity of construction product and the method of marking them with a
conformity label.

NARODOWY INSTYTUT ZDROWIA PUBLICZNEGO
- PAŃSTWOWY ZAKŁAD HIGIENY
NATIONAL INSTITUTE OF PUBLIC HEALTH
- NATIONAL INSTITUTE OF HYGIENE
ZAKŁAD HIGIENY ŚRODOWISKA
DEPARTMENT OF ENVIRONMENTAL HYGIENE

24 Chocimska 00-791 Warszawa • Phone (22) 5421354; (22) 5421349 • Fax (22) 5421287 • e-mail: sak-zzhk@pzh.gov.pl

ATEST HIGIENICZNY HK/W/0452/01/2012
HYGIENIC CERTIFICATE ORIGINAL

Wyrób / product: Threaded Pipe Fittings in Malleable Iron according to standard
EN 10242 and ISO 49

Zawierający / containing: malleable iron, zinc coating

Przeznaczony do / destined: pipe connections in water-pipe networks, including drinking water systems, gas networks, steam networks, fire protection systems and central heating systems

Wymieniony wyżej produkt odpowiada wymaganiom higienicznym przy spełnieniu następujących warunków / is acceptable according to hygienic criteria with the following conditions:
- without restrictions

Wyróbcą / producer: Odlewnia Żeliwa S.A. Zawiercie
42-400 Zawiercie
ul. Lesna 10

Niniejszy dokument wydano na wniosek / this certificate issued for: Odlewnia Żeliwa S.A. Zawiercie
42-400 Zawiercie
ul. Lesna 10

Atest może być zmieniony lub unieważniony po przedstawieniu stosownych dowodów
przez kłótnikowiek stronie. Niniejszy atest traci ważność po 2017-06-15
lub w przypadku zmian w recepturze albo w technologii wytwarzania wyrobu.
The certificate may be corrected or cancelled after appropriate motivation.
The certificate loses its validity after 2017-06-15
or in the case of changes in composition or in technology of production.

Data wydania atestu higienicznego: 15 czerwca 2012
The date of issue of the certificate: 15th June 2012

Kierownik Zakładu Higieny Środowiska
Bożena Kłogutka

www.pzh.gov.pl

BUREAU VERITAS
Certification

Certificate
Awarded to
ODLEWNIA ŻELIWA S.A.
ul. Lesna 10, 42-400 ZAWIERCIE
POLAND

Bureau Veritas Certification certify that the Management System of the above organisation
has been audited and found to be in accordance with the requirements of the
management system standards detailed below

STANDARDS
ISO 9001:2008
ISO 14001:2004
PN-N-18001:2004

SCOPE OF SUPPLY
MANUFACTURING OF PRECISION CASTINGS, MALLEABLE CAST IRON FITTINGS
AND OTHER CAST IRON CASTINGS GALVANIZED AND BLACK.

Approved Date: 7 July 2014

Subject to the continued satisfactory operation of the organization's Management System,
this certificate is valid until: 6 July 2017

To check this certificate validity please call: +48 22 319 04 00
Further information regarding the scope of this certificate and the applicability of the management system requirements,
may be obtained by contacting the organization.

Issue Date: 7 July 2014

Certificate Number: PL004039/P

PCA
POLSKA CECHOWA PRACOWNI
CERTYFIKACJI
SYSTEMÓW
MENEDŻERSKICH
AC 081
OMS, EMS,
BIP

EE® malleabel fitwerk

- Geproduceerd van recycled ijzer onder ISO normering
- Topkwaliteit
- Compleet assortiment
- Goede prijs–kwaliteitverhouding

Toepassingen:

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

Materiaal:	GGY (smeedbaar gietijzer)
Normering:	W40-05, volgens ISO-5922, DIN-1692, PN-82/H83221
Kwaliteitscontrole:	ISO-49. DIN-2950, PN-76/H-74392, PN-79/H-74393
Oppervlaktebehandeling:	Zwart blank gepassiveerd of thermisch badverzinkt
Testdruk:	Bij kamertemperatuur = 600 KBA
Werkdruk:	Tot 120°C: 2.5 KBA (= 25 bar)



ODLEWNIA ŻELIWA
ZAWIERCIE

Whiteheart malleable cast iron fittings EE brand The Strongest Element of every Installation System



www.eeodlewnia.pl



1-Bocht 90° male / female



Zwart - BSPT male/BSP female

6700		€
46101313Z	1/4"	2.00
46101717Z	3/8"	2.45
46102121Z	1/2"	2.20
46102727Z	3/4"	3.85
46103232Z	1"	5.30
46104242Z	1.1/4"	9.20
46104848Z	1.1/2"	12.15
46106060Z	2"	19.80
46107676Z	2.1/2"	43.20
46108989Z	3"	55.90

Verzinkt - BSPT male/BSP female

6700		€
46101313	1/4"	2.55
46101717	3/8"	3.15
46102121	1/2"	2.75
46102727	3/4"	4.85
46103232	1"	6.60
46104242	1.1/4"	11.30
46104848	1.1/2"	15.10
46106060	2"	24.40
46107676	2.1/2"	53.65
46108989	3"	69.40
46100114	4"	125.70

2-Bocht 90° female



Zwart - BSP female

6700		€
46092121Z	1/2"	2.45
46092727Z	3/4"	3.95
46093232Z	1"	5.35
46094242Z	1.1/4"	9.20
46094848Z	1.1/2"	11.40
46096060Z	2"	15.80

Verzinkt - BSP female

6700		€
46092121	1/2"	3.15
46092727	3/4"	4.90
46093232	1"	6.60
46094242	1.1/4"	11.40
46094848	1.1/2"	14.05
46096060	2"	19.55
46097676	2.1/2"	54.40
46098989	3"	68.35
46090114	4"	129.75

3-Bocht 90° male



Verzinkt - BSPT male

6700		€
45032121	1/2"	4.50
45032727	3/4"	5.00
45033232	1"	7.15

40-Bocht 45° male / female



Verzinkt - BSPT male/BSP female

6700		€
48101313	1/4"	3.70
48101717	3/8"	3.40
48102121	1/2"	3.15
48102727	3/4"	4.20
48103232	1"	6.00
48104242	1.1/4"	10.60
48104848	1.1/2"	12.55
48106060	2"	19.80
48107676	2.1/2"	43.10
48108989	3"	47.20
48100114	4"	106.75

41-Bocht 45° female



Zwart - BSP female

6700		€
48094242Z	1.1/4"	8.70
48094848Z	1.1/2"	11.55
48096060Z	2"	16.30

Verzinkt - BSP female

6700		€
48092121	1/2"	3.70
48092727	3/4"	4.70
48093232	1"	6.00
48094242	1.1/4"	10.75
48094848	1.1/2"	14.15
48096060	2"	19.95
48097676	2.1/2"	39.65
48098989	3"	50.50

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



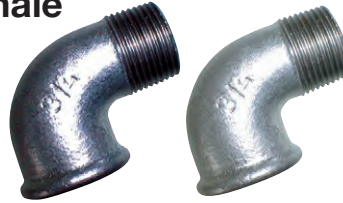
Zwart - BSP female

6700		€
45091313Z	1/4"	1.40
45091717Z	3/8"	1.15
45092121Z	1/2"	0.85
45092727Z	3/4"	1.40
45093232Z	1"	1.90
45094242Z	1.1/4"	3.60
45094848Z	1.1/2"	6.00
45096060Z	2"	6.90
45097676Z	2.1/2"	19.80
45098989Z	3"	27.15
45090114Z	4"	43.40

Verzinkt - BSP female

6700		€
45091313	1/4"	1.70
45091717	3/8"	1.40
45092121	1/2"	1.30
45092727	3/4"	1.65
45093232	1"	2.30
45094242	1.1/4"	4.40
45094848	1.1/2"	7.40
45096060	2"	8.60
45097676	2.1/2"	24.60
45098989	3"	33.75
45090114	4"	59.30

92-Knie 90° male / female



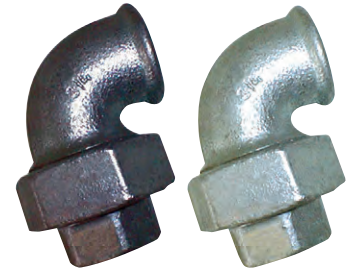
Zwart - BSPT male/BSP female

6700		€
45101313Z	1/4"	1.45
45101717Z	3/8"	1.30
45102121Z	1/2"	1.10
45102727Z	3/4"	1.55
45103232Z	1"	2.45
45104242Z	1.1/4"	4.20
45104848Z	1.1/2"	6.40
45106060Z	2"	8.35
45107676Z	2.1/2"	20.50
45108989Z	3"	26.90

Verzinkt - BSPT male/BSP female

6700		€
45101313	1/4"	1.80
45101717	3/8"	1.65
45102121	1/2"	1.30
45102727	3/4"	1.90
45103232	1"	3.15
45104242	1.1/4"	5.30
45104848	1.1/2"	7.95
45106060	2"	10.50
45107676	2.1/2"	25.35
45108989	3"	33.40
45100114	4"	59.45

96-Driedelige knie conisch dichtend female



Zwart - BSP female

6700		€
49092121Z	1/2"	5.35
49092727Z	3/4"	6.15
49093232Z	1"	8.95
49094242Z	1.1/4"	14.95
49094848Z	1.1/2"	17.55
49096060Z	2"	29.65

Verzinkt - BSP female

6700		€
49091717	3/8"	8.15
49092121	1/2"	6.75
49092727	3/4"	7.60
49093232	1"	11.10
49094242	1.1/4"	18.45
49094848	1.1/2"	21.70
49096060	2"	36.65

98-Driedelige knie conisch dichtend male / female



Zwart - BSPT male/BSP female

6700		€
49102727Z	3/4"	6.85
49103232Z	1"	9.50
49104242Z	1.1/4"	15.70
49104848Z	1.1/2"	19.35
49106060Z	2"	31.45



Verzinkt - BSPT male/BSP female

6700		€
49101717	3/8"	7.20
49102121	1/2"	6.75
49102727	3/4"	8.35
49103232	1"	11.70
49104242	1.1/4"	19.45
49104848	1.1/2"	23.90
49106060	2"	39.00

Malleabel fitwerk

EE
1886

ODLEWNIJA ŻELIWA
ZAWIERCIE

PRICE
DOWN

Hoofdstuk 11 – Malleabele fittingen & staal

130-Tee female

Tech Data
20530



Zwart - BSP female

6700		€
45121313Z	1/4"	1.90
45121717Z	3/8"	1.65
45122121Z	1/2"	1.15
45122727Z	3/4"	1.90
45123232Z	1"	2.65
45124242Z	1.1/4"	4.90
45124848Z	1.1/2"	7.70
45126060Z	2"	10.95
45127676Z	2.1/2"	24.10
45128989Z	3"	32.55
45120114Z	4"	62.45

Verzinkt - BSP female

6700		€
45121313	1/4"	2.30
45121717	3/8"	2.00
45122121	1/2"	1.55
45122727	3/4"	2.30
45123232	1"	3.60
45124242	1.1/4"	6.05
45124848	1.1/2"	9.60
45126060	2"	13.40
45127676	2.1/2"	30.00
45128989	3"	40.15
45120114	4"	77.40

130-Verloop tee female

Tech Data
20530



Zwart - BSP female

6700		€
46211321Z	1/2"-1/4"-1/2"	2.55
46212721Z	1/2"-3/4"-1/2"	2.25
46271327Z	3/4"-1/4"-3/4"	3.60
46272121Z	3/4"-1/2"-1/2"	2.20
46272721Z	3/4"-3/4"-1/2"	2.40
46322132Z	1"-1/2"-1"	2.55
46423242Z	1.1/4"-1"-1.1/4"	5.30
46482748Z	1.1/2"-3/4"-1.1/2"	6.30
46483248Z	1.1/2"-1"-1.1/2"	6.85
46484248Z	1.1/2"-1.1/4"-1.1/2"	9.20
46602160Z	2"-1/2"-2"	8.60
46602760Z	2"-3/4"-2"	11.30
46603260Z	2"-1"-2"	8.80
46604260Z	2"-1.1/4"-2"	11.10
46604860Z	2"-1.1/2"-2"	12.90

Verzinkt - BSP female

6700		€
46211321	1/2"-1/4"-1/2"	3.40
46212721	1/2"-3/4"-1/2"	2.90
46271327	3/4"-1/4"-3/4"	4.40
46271727	3/4"-3/8"-3/4"	3.25
46272127	3/4"-1/2"-3/4"	2.30
46321732	1"-3/8"-1"	5.40
46322132	1"-1/2"-1"	3.25
46322732	1"-3/4"-1"	3.50
46323221	1"-1"-1/2"	4.25
46324832	1"-1.1/2"-1"	9.90
46422142	1.1/4"-1/2"-1.1/4"	5.45
46422732	1.1/4"-3/4"-1"	7.15
46422742	1.1/4"-3/4"-1.1/4"	5.85
46482148	1.1/2"-1/2"-1.1/2"	7.40
46482748	1.1/2"-3/4"-1.1/2"	7.80
46483248	1.1/2"-1"-1.1/4"	9.60
46483248	1.1/2"-1"-1.1/2"	8.70
46484248	1.1/2"-1.1/4"-1.1/2"	11.40
46486048	1.1/2"-2"-1.1/2"	15.70
46602160	2"-1/2"-2"	10.60
46602760	2"-3/4"-2"	13.90
46603260	2"-1"-2"	10.95
46604260	2"-1.1/4"-2"	13.90
46604860	2"-1.1/2"-2"	16.10
46762776	2.1/2"-3/4"-2.1/2"	22.20
46764876	2.1/2"-1.1/2"-2.1/2"	25.85
46766076	2.1/2"-2"-2.1/2"	29.15
46894889	3"-1.1/2"-3"	40.80
46896089	3"-2"-3"	37.65
46897689	3"-2.1/2"-3"	44.90

165-Tee 45° female

Verzinkt - BSP female

6700		€
48122121	1/2"	7.95
48122727	3/4"	9.20
48123232	1"	13.75
48124242	1.1/4"	16.95
48124848	1.1/2"	22.90

180-Kruissok female

Tech Data
20531



Zwart - BSP female

6700		€
45322121Z	1/2"	3.75
45322727Z	3/4"	5.75
45323232Z	1"	6.95

Verzinkt - BSP female

6700		€
45321717	3/8"	5.10
45322121	1/2"	4.90
45322727	3/4"	7.40
45323232	1"	9.30
45324242	1.1/4"	12.25
45324848	1.1/2"	16.55
45326060	2"	24.40

221-Knie met zijspruitstuk female

Tech Data
20532



Verzinkt - BSP female

6700		€
49991717	3/8"	6.00
49992121	1/2"	4.40
49992727	3/4"	6.90
49993232	1"	9.40

KELM™
pneumatiek

Hydrauliek

Snel-
koppelingen

Afsluiters

Roestvast
staal

Fittingen

Lucht-
conditionering

Gereedschap

Pneumatiek

Diversen

Malleabele
fittingen
& staal

Ringleiding-
systemen

Slangen

Compressoren

Malleabel fitwerk

EE
1886

ODLEWINIA ŻELIWA
ZAWIERCIE

PRICE
DOWN

240-Verloopsok female

Tech Data
20533



Verzinkt - BSP female

6700



45071713	3/8"-1/4"	1.95
45072113	1/2"-1/4"	2.00
45072117	1/2"-3/8"	1.75
45072717	3/4"-3/8"	2.35
45072721	3/4"-1/2"	2.00
45073217	1"-3/8"	3.25
45073221	1"-1/2"	2.45
45073227	1"-3/4"	2.25
45074221	1.1/4"-1/2"	4.75
45074232	1.1/4"-1"	4.20
45074821	1.1/2"-1/2"	7.40
45074827	1.1/2"-3/4"	6.60
45074832	1.1/2"-1"	5.00
45074842	1.1/2"-1.1/4"	5.60
45076021	2"-1/2"	10.15
45076027	2"-3/4"	10.60
45076032	2"-1"	9.90
45076042	2"-1.1/4"	8.70
45076048	2"-1.1/2"	8.15
45077632	2.1/2"-1"	19.95
45077660	2.1/2"-2"	22.45
45078960	3"-2"	34.95
45078976	3"-2.1/2"	39.65
45711460	4"-2"	60.20
45711489	4"-3"	64.60

241-Verloopring male / female

Tech Data
20534



Zwart - BSPT male/BSP female

6700



45041713Z	3/8"-1/4"	1.00
45042113Z	1/2"-1/4"	0.80
45042117Z	1/2"-3/8"	0.75
45042713Z	3/4"-1/4"	1.50
45042717Z	3/4"-3/8"	1.30
45042721Z	3/4"-1/2"	0.80
45043217Z	1"-3/8"	1.90
45043221Z	1"-1/2"	1.30
45043227Z	1"-3/4"	1.15
45044221Z	1.1/4"-1/2"	2.20
45044227Z	1.1/4"-3/4"	1.90
45044232Z	1.1/4"-1"	1.35
45044827Z	1.1/2"-3/4"	2.90
45044832Z	1.1/2"-1"	2.00
45044842Z	1.1/2"-1.1/4"	2.10
45046021Z	2"-1/2"	5.60
45046027Z	2"-3/4"	5.45
45046032Z	2"-1"	4.50
45046042Z	2"-1.1/4"	4.20
45046048Z	2"-1.1/2"	3.95

Verzinkt - BSPT male/BSP female

6700



45041713	3/8"-1/4"	1.35
45042113	1/2"-1/4"	1.00
45042117	1/2"-3/8"	1.00
45042713	3/4"-1/4"	1.85
45042717	3/4"-3/8"	1.40
45042721	3/4"-1/2"	1.15
45043217	1"-3/8"	2.25
45043221	1"-1/2"	1.60
45043227	1"-3/4"	1.40
45044217	1.1/4"-3/8"	4.25
45044221	1.1/4"-1/2"	2.65
45044227	1.1/4"-3/4"	2.25
45044232	1.1/4"-1"	1.65
45044821	1.1/2"-1/2"	3.40
45044827	1.1/2"-3/4"	3.70
45044832	1.1/2"-1"	2.45
45044842	1.1/2"-1.1/4"	2.55
45046021	2"-1/2"	6.90
45046027	2"-3/4"	6.75
45046032	2"-1"	5.60
45046042	2"-1.1/4"	5.30
45046048	2"-1.1/2"	4.85
45047632	2.1/2"-1"	10.75
45047642	2.1/2"-1.1/4"	12.55
45047648	2.1/2"-1.1/2"	11.90
45047660	2.1/2"-2"	9.05
45048932	3"-1"	16.90
45048948	3"-1.1/2"	15.70
45048960	3"-2"	11.80
45048976	3"-2.1/2"	13.40
45411460	4"-2"	33.90
45411476	4"-2.1/2"	25.15
45411489	4"-3"	24.10

245-Verloopnippel male

Tech Data
20535



Zwart - BSPT male

6700



45021713Z	3/8"-1/4"	1.60
45022113Z	1/2"-1/4"	2.20
45022117Z	1/2"-3/8"	1.90
45022717Z	3/4"-3/8"	3.25
45022721Z	3/4"-1/2"	1.65
45023221Z	1"-1/2"	3.40
45023227Z	1"-3/4"	1.90
45024232Z	1.1/4"-1"	3.15
45024832Z	1.1/2"-1"	6.95
45024842Z	1.1/2"-1.1/4"	3.75
45026032Z	2"-1"	6.30
45026042Z	2"-1.1/4"	7.95
45026048Z	2"-1.1/2"	7.30

Verzinkt - BSPT male

6700



45021713	3/8"-1/4"	2.00
45022113	1/2"-1/4"	2.65
45022117	1/2"-3/8"	2.25
45022717	3/4"-3/8"	4.10
45022721	3/4"-1/2"	2.10
45023221	1"-1/2"	4.10
45023227	1"-3/4"	2.25
45024221	1.1/4"-1/2"	6.35
45024227	1.1/4"-3/4"	5.40
45024232	1.1/4"-1"	3.75
45024827	1.1/2"-3/4"	5.40
45024832	1.1/2"-1"	8.80
45024842	1.1/2"-1.1/4"	4.70
45026032	2"-1"	7.80
45026042	2"-1.1/4"	9.90
45026048	2"-1.1/2"	8.95
45027648	2.1/2"-1.1/2"	13.20
45027660	2.1/2"-2"	22.20
45028960	3"-2"	27.00
45028976	3"-2.1/2"	33.50

Hoofdstuk 11 – Malleabele fittingen & staal

KELM™
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Snel-
koppelingen

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Pneumatiek

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Malleabele
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& staal

Ringleiding-
systemen

Slangen

Compressoren

Malleabel fitwerk

EE
1886

ODLEWNIA ŻELIWA
ZAWIERCIE

PRICE
DOWN

Hoofdstuk 11 – Malleabele fittingen & staal

246-Verloop soknippel

Tech Data
20536



Verzinkt - BSP
female/BSPT male

6700  €

45081713	3/8"-1/4"	1.85
45082113	1/2"-1/4"	2.20
45082117	1/2"-3/8"	1.95
45082717	3/4"-3/8"	3.15
45082721	3/4"-1/2"	2.00
45083221	1"-1/2"	3.15
45083227	1"-3/4"	3.40
45084227	1.1/4"-3/4"	6.00
45084232	1.1/4"-1"	3.75
45084832	1.1/2"-1"	7.05
45084842	1.1/2"-1.1/4"	6.15
45086042	2"-1.1/4"	10.05
45086048	2"-1.1/2"	10.60

280-Dubbele nippel male

Tech Data
20535



Zwart - BSPT male

6700  €

45001313Z	1/4"	1.35
45001717Z	3/8"	1.60
45002121Z	1/2"	0.85
45002727Z	3/4"	1.15
45003232Z	1"	1.55
45004242Z	1.1/4"	2.55
45004848Z	1.1/2"	3.15
45006060Z	2"	5.60
45007676Z	2.1/2"	9.75
45008989Z	3"	11.70

Verzinkt - BSPT male

6700  €

45001313	1/4"	1.65
45001717	3/8"	1.95
45002121	1/2"	1.30
45002727	3/4"	1.40
45003232	1"	1.95
45004242	1.1/4"	3.25
45004848	1.1/2"	3.75
45006060	2"	6.90
45007676	2.1/2"	11.90
45008989	3"	14.45
45000114	4"	52.15

290-Plug met vierkante kop male

Tech Data
20538



Zwart - BSPT male

6700  €

45181300Z	1/4"	0.70
45181700Z	3/8"	0.65
45182100Z	1/2"	0.65
45182700Z	3/4"	0.85
45183200Z	1"	1.10
45184200Z	1.1/4"	1.85
45184800Z	1.1/2"	2.20
45186000Z	2"	4.00
45187600Z	2.1/2"	8.35
45188900Z	3"	10.95
45181140Z	4"	18.80

Verzinkt - BSPT male

6700  €

45181300	1/4"	0.95
45181700	3/8"	0.80
45182100	1/2"	0.85
45182700	3/4"	1.15
45183200	1"	1.30
45184200	1.1/4"	2.20
45184800	1.1/2"	2.65
45186000	2"	5.00
45187600	2.1/2"	10.50
45188900	3"	13.40
45181140	4"	23.70

270-Sok female

Tech Data
20537



Zwart - BSP female

6700  €

45061313Z	1/4"	1.30
45061717Z	3/8"	1.15
45062121Z	1/2"	1.10
45062727Z	3/4"	1.30
45063232Z	1"	1.60
45064242Z	1.1/4"	2.55
45064848Z	1.1/2"	3.60
45066060Z	2"	5.60

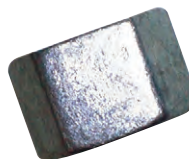
Verzinkt - BSP female

6700  €

45061313	1/4"	1.65
45061717	3/8"	1.40
45062121	1/2"	1.30
45062727	3/4"	1.60
45063232	1"	2.00
45064242	1.1/4"	3.25
45064848	1.1/2"	4.60
45066060	2"	6.90
45067676	2.1/2"	18.95
45068989	3"	22.80
45060114	4"	52.30

300-Kap zeskant female

Tech Data
20538



Zwart - BSP female

6700  €

45261300Z	1/4"	0.95
45261700Z	3/8"	0.85
45262100Z	1/2"	1.10
45262700Z	3/4"	1.30
45263200Z	1"	1.40
45264200Z	1.1/4"	2.20
45264800Z	1.1/2"	2.75
45266000Z	2"	5.00
45267600Z	2.1/2"	9.30
45268900Z	3"	10.15
45261140Z	4"	21.95

Verzinkt - BSP female

6700  €

45261300	1/4"	1.30
45261700	3/8"	1.30
45262100	1/2"	1.35
45262700	3/4"	1.60
45263200	1"	1.80
45264200	1.1/4"	2.75
45264800	1.1/2"	3.45
45266000	2"	6.40
45267600	2.1/2"	11.65
45268900	3"	12.65
45261140	4"	27.35



310-Sluitmoer zeskant

Tech Data
20538

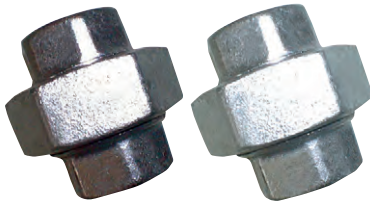


Verzinkt - BSP female

6700		€
45301700	3/8"	1.30
45302100	1/2"	0.95
45302700	3/4"	1.00
45303200	1"	1.35
45304200	1.1/4"	2.10
45304800	1.1/2"	2.30
45306000	2"	4.85

340-Driedelige koppeling conisch dichtend female

Tech Data
20538



Zwart - BSP female

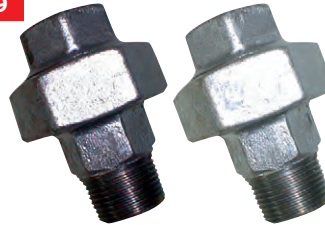
6700		€
46061717Z	3/8"	4.85
46062121Z	1/2"	4.50
46062727Z	3/4"	4.70
46063232Z	1"	5.45
46064242Z	1.1/4"	8.95
46064848Z	1.1/2"	10.50
46066060Z	2"	17.45
46067676Z	2.1/2"	37.90
46068989Z	3"	46.35

Verzinkt - BSP female

6700		€
46061717	3/8"	6.00
46062121	1/2"	5.70
46062727	3/4"	5.95
46063232	1"	6.75
46064242	1.1/4"	11.30
46064848	1.1/2"	13.20
46066060	2"	21.70
46067676	2.1/2"	46.80
46068989	3"	64.45
46061140	4"	129.75

341-Driedelige koppeling conisch dichtend male / female

Tech Data
20539



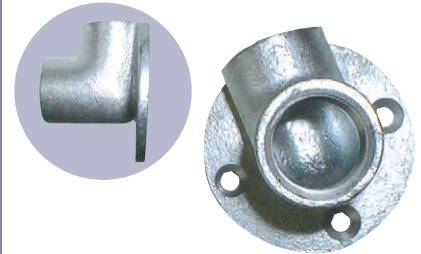
Zwart - BSPT male/BSP female

6700		€
47081717Z	3/8"	4.20
47082121Z	1/2"	4.05
47082727Z	3/4"	4.90
47083232Z	1"	6.05
47084242Z	1.1/4"	9.60
47084848Z	1.1/2"	12.35
47086060Z	2"	19.45
47087676Z	2.1/2"	41.35
47088989Z	3"	64.60

Verzinkt - BSPT male/BSP female

6700		€
47081717	3/8"	5.30
47082121	1/2"	5.30
47082727	3/4"	6.50
47083232	1"	7.60
47084242	1.1/4"	11.80
47086060	2"	23.90
47084848	1.1/2"	15.10
47087676	2.1/2"	51.10
47088989	3"	79.95
47080114	4"	143.70

471-Muurplaat female



Verzinkt - BSP female

6700		€
45472121	1/2"	6.05
45472727	3/4"	11.85

529A-Soknippel male / female



Verzinkt - BSPT male/BSP female

6700		€
46082121	1/2"	2.10
46082727	3/4"	2.95
46083232	1"	4.70

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Slangen

Compressoren

Pijpnippels - staal



23-Pijpnippel male - zwart



DIN 2982 - BSPT male

MALZ			€	MALZ			€	MALZ			€
45313040Z	1/4"	40	1.90	45327060Z	3/4"	60	1.15	45348180Z	1,1/2"	180	4.75
45313060Z	1/4"	60	2.25	45327080Z	3/4"	80	1.45	45348200Z	1,1/2"	200	5.15
45313080Z	1/4"	80	2.50	45327100Z	3/4"	100	1.70	45348250Z	1,1/2"	250	6.45
45313100Z	1/4"	100	2.70	45327120Z	3/4"	120	1.90	45348300Z	1,1/2"	300	7.40
45313120Z	1/4"	120	3.15	45327150Z	3/4"	150	2.00	45360080Z	2"	80	4.50
45313150Z	1/4"	150	3.85	45327180Z	3/4"	180	2.40	45360100Z	2"	100	4.85
45313180Z	1/4"	180	4.90	45327200Z	3/4"	200	2.65	45360120Z	2"	120	5.15
45313200Z	1/4"	200	5.50	45327250Z	3/4"	250	3.05	45360150Z	2"	150	5.90
45313250Z	1/4"	250	6.25	45327300Z	3/4"	300	3.70	45360180Z	2"	180	6.60
45313300Z	1/4"	300	7.10	45332040Z	1"	40	1.45	45360200Z	2"	200	7.05
45317030Z	3/8"	30	1.90	45332060Z	1"	60	1.50	45360250Z	2"	250	9.05
45317040Z	3/8"	40	1.70	45332080Z	1"	80	1.80	45360300Z	2"	300	10.65
45317060Z	3/8"	60	1.90	45332100Z	1"	100	2.00	45376100Z	2,1/2"	100	8.75
45317080Z	3/8"	80	2.00	45332120Z	1"	120	2.20	45376120Z	2,1/2"	120	9.30
45317100Z	3/8"	100	2.20	45332150Z	1"	150	2.50	45376150Z	2,1/2"	150	10.85
45317120Z	3/8"	120	2.40	45332180Z	1"	180	3.15	45376180Z	2,1/2"	180	11.65
45317150Z	3/8"	150	2.95	45332200Z	1"	200	3.85	45376200Z	2,1/2"	200	12.85
45317180Z	3/8"	180	3.45	45332250Z	1"	250	4.05	45376250Z	2,1/2"	250	16.00
45317200Z	3/8"	200	4.05	45332300Z	1"	300	4.90	45376300Z	2,1/2"	300	17.90
45317250Z	3/8"	250	5.00	45342060Z	1,1/4"	60	2.35	45389100Z	3"	100	11.65
45317300Z	3/8"	300	5.90	45342080Z	1,1/4"	80	2.40	45389120Z	3"	120	12.75
45321030Z	1/2"	30	2.00	45342100Z	1,1/4"	100	2.50	45389150Z	3"	150	14.25
45321040Z	1/2"	40	0.95	45342120Z	1,1/4"	120	2.65	45389180Z	3"	180	15.35
45321060Z	1/2"	60	1.05	45342150Z	1,1/4"	150	3.15	45389200Z	3"	200	16.50
45321080Z	1/2"	80	1.15	45342180Z	1,1/4"	180	3.95	45389250Z	3"	250	19.30
45321100Z	1/2"	100	1.40	45342200Z	1,1/4"	200	5.00	45389300Z	3"	300	21.10
45321120Z	1/2"	120	1.45	45342250Z	1,1/4"	250	5.65	45314100Z	4"	100	18.20
45321150Z	1/2"	150	1.90	45342300Z	1,1/4"	300	6.25	45314120Z	4"	120	19.20
45321180Z	1/2"	180	2.25	45348060Z	1,1/2"	60	2.65	45314150Z	4"	150	21.40
45321200Z	1/2"	200	2.30	45348080Z	1,1/2"	80	2.70	45314180Z	4"	180	23.60
45321250Z	1/2"	250	2.65	45348100Z	1,1/2"	100	3.05	45314200Z	4"	200	26.55
45321300Z	1/2"	300	3.05	45348120Z	1,1/2"	120	3.30	45314250Z	4"	250	29.00
45327040Z	3/4"	40	1.05	45348150Z	1,1/2"	150	3.95	45314300Z	4"	300	35.30







Pijpnippels - staal

23-Pijpnippel male - verzinkt

PRICE FREEZE



DIN 2982 - BSPT male

MALF			€	MALF			€	MALF			€
45311060	1/8"	60	2.75	45327040	3/4"	40	1.40	45348180	1, 1/2"	180	5.35
45311080	1/8"	80	3.20	45327060	3/4"	60	1.40	45348200	1, 1/2"	200	5.90
45313040	1/4"	40	2.00	45327080	3/4"	80	1.50	45348250	1, 1/2"	250	7.40
45313060	1/4"	60	2.35	45327100	3/4"	100	1.70	45348300	1, 1/2"	300	8.60
45313080	1/4"	80	2.65	45327120	3/4"	120	2.00	45360080	2"	80	4.85
45313100	1/4"	100	3.05	45327150	3/4"	150	2.30	45360100	2"	100	5.35
45313120	1/4"	120	3.50	45327180	3/4"	180	2.70	45360120	2"	120	5.65
45313150	1/4"	150	4.15	45327200	3/4"	200	3.00	45360150	2"	150	6.35
45313180	1/4"	180	4.85	45327250	3/4"	250	3.40	45360180	2"	180	7.40
45313200	1/4"	200	5.65	45327300	3/4"	300	4.50	45360200	2"	200	8.35
45313250	1/4"	250	6.45	45332040	1"	40	1.70	45360250	2"	250	10.25
45313300	1/4"	300	7.05	45332060	1"	60	1.80	45360300	2"	300	11.95
45317030	3/8"	30	1.90	45332080	1"	80	2.00	45376100	2, 1/2"	100	9.70
45317040	3/8"	40	1.90	45332100	1"	100	2.35	45376120	2, 1/2"	120	10.15
45317060	3/8"	60	2.00	45332120	1"	120	2.45	45376150	2, 1/2"	150	11.95
45317080	3/8"	80	2.20	45332150	1"	150	2.80	45376180	2, 1/2"	180	12.85
45317100	3/8"	100	2.35	45332180	1"	180	3.60	45376200	2, 1/2"	200	14.15
45317120	3/8"	120	2.65	45332200	1"	200	4.05	45376250	2, 1/2"	250	17.25
45317150	3/8"	150	3.15	45332250	1"	250	4.85	45376300	2, 1/2"	300	19.70
45317180	3/8"	180	3.70	45332300	1"	300	5.80	45389100	3"	100	12.75
45317200	3/8"	200	4.50	45342060	1, 1/4"	60	2.40	45389120	3"	120	13.75
45317250	3/8"	250	5.40	45342080	1, 1/4"	80	2.45	45389150	3"	150	14.95
45317300	3/8"	300	6.85	45342100	1, 1/4"	100	2.65	45389180	3"	180	16.70
45321030	1/2"	30	2.00	45342120	1, 1/4"	120	2.80	45389200	3"	200	18.75
45321040	1/2"	40	1.00	45342150	1, 1/4"	150	3.60	45389250	3"	250	22.30
45321060	1/2"	60	1.30	45342180	1, 1/4"	180	4.50	45389300	3"	300	25.35
45321080	1/2"	80	1.40	45342200	1, 1/4"	200	5.00	45314100	4"	100	18.95
45321100	1/2"	100	1.45	45342250	1, 1/4"	250	6.30	45314120	4"	120	21.30
45321120	1/2"	120	1.70	45342300	1, 1/4"	300	7.10	45314150	4"	150	24.30
45321150	1/2"	150	2.00	45348060	1, 1/2"	60	2.70	45314180	4"	180	26.55
45321180	1/2"	180	2.45	45348080	1, 1/2"	80	2.95	45314200	4"	200	28.90
45321200	1/2"	200	2.70	45348100	1, 1/2"	100	3.15	45314250	4"	250	31.35
45321250	1/2"	250	3.15	45348120	1, 1/2"	120	3.45	45314300	4"	300	38.05
45321300	1/2"	300	3.60	45348150	1, 1/2"	150	4.40				

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systemen

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Compressoren

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				€
45192100Z	1/2"	21,3	2,0	2.55
45192700Z	3/4"	26,9	2,3	2.60
45193200Z	1"	33,7	2,6	3.00
45194200Z	1.1/4"	42,4	2,6	3.50
45194800Z	1.1/2"	48,3	2,6	4.25
45196000Z	2"	60,3	2,9	6.85
45197600Z	2.1/2"	76,1	2,9	9.40
45198600Z	3"	88,9	3,2	13.75
45198700Z	101	101,6	3,6	22.30
45198900Z	108	108,0	3,6	23.15
45191140Z	4"	114,3	3,6	24.30

Lasbocht 45°






Zwart DIN 2605 (Staal 37.0.S)

MALZ				€
46192100Z	1/2"	21,3	2,0	3.95
46192700Z	3/4"	26,9	2,3	3.95
46193200Z	1"	33,7	2,6	4.05
46194200Z	1.1/4"	42,4	2,6	4.85
46194800Z	1.1/2"	48,3	2,6	6.05
46194900Z	51	51,0	2,6	8.00
46196000Z	2"	60,3	2,9	9.25
46197600Z	2.1/2"	76,1	2,9	13.50
46198600Z	3"	88,9	3,2	19.00
46191140Z	4"	114,3	3,6	33.40

Lassok egaal



Female - DIN 2986 (Staal 37.0.S)


MALZ				€
45161000Z	1/8"	14,7	17	0.80
45161300Z	1/4"	18,4	25	0.80
45161700Z	3/8"	21,4	26	0.90
45162100Z	1/2"	26,8	34	0.90
45162700Z	3/4"	32,0	36	1.40
45163200Z	1"	39,7	43	2.20
45164200Z	1.1/4"	48,7	48	2.80
45164800Z	1.1/2"	55,3	48	3.45
45166000Z	2"	66,2	56	5.15
45167600Z	2.1/2"	82,6	65	8.90
45168900Z	3"	95,5	71	13.20
45161140Z	4"	122,0	83	22.50

Sokken

Gesmede sok egaal




Gegalvaniseerd - BSP female

MALF		€
MIWRSG-18	1/8"	1.40
MIWRSG-14	1/4"	1.60
MIWRSG-38	3/8"	1.80
MIWRSG-12	1/2"	1.90
MIWRSG-34	3/4"	2.15
MIWRSG-1	1"	3.55
MIWRSG-114	1.1/4"	5.55
MIWRSG-112	1.1/2"	5.95
MIWRSG-2	2"	9.30
MIWRSG-212	2.1/2"	26.10
MIWRSG-3	3"	42.55
MIWRSG-4	4"	67.35



Zwart - BSP female

MALF		€
MIWRSB-18N	1/8"	1.25
MIWRSB-14N	1/4"	1.40
MIWRSB-38N	3/8"	1.60
MIWRSB-12N	1/2"	1.70
MIWRSB-34N	3/4"	2.15
MIWRSB-1N	1"	3.40
MIWRSB-114N	1.1/4"	4.90
MIWRSB-112N	1.1/2"	6.80
MIWRSB-2N	2"	10.00
MIWRSB-212N	2.1/2"	14.15
MIWRSB-3N	3"	22.15
MIWRSB-4N	4"	37.10

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Ringleiding-
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Slangen

Compressoren

1-Bocht 90° male / female

Tech Data
1764



Zwart - BSPT male/BSP female

0217



GF1-14N	1/4"	6.85
GF1-38N	3/8"	8.15
GF1-12N	1/2"	7.25
GF1-34N	3/4"	12.65
GF1-1N	1"	17.05
GF1-114N	1.1/4"	30.25
GF1-112N	1.1/2"	38.90
GF1-2N	2"	64.50
GF1-212N	2.1/2"	190.70
GF1-3N	3"	182.15
GF1-4N	4"	330.60

Verzinkt - BSPT male/BSP female

0217



GF1-14	1/4"	8.35
GF1-38	3/8"	10.20
GF1-12	1/2"	9.15
GF1-34	3/4"	15.95
GF1-1	1"	21.70
GF1-114	1.1/4"	37.45
GF1-112	1.1/2"	49.60
GF1-2	2"	80.00
GF1-212	2.1/2"	179.90
GF1-3	3"	230.65
GF1-4	4"	540.90

2-Bocht 90° female

Tech Data
1765



Zwart - BSP female

0217



GF2-14N	1/4"	9.95
GF2-38N	3/8"	10.65
GF2-12N	1/2"	8.35
GF2-34N	3/4"	13.00
GF2-1N	1"	17.05
GF2-114N	1.1/4"	30.30
GF2-112N	1.1/2"	37.40
GF2-2N	2"	51.55
GF2-212N	2.1/2"	193.90
GF2-3N	3"	179.60
GF2-4N	4"	340.30

Verzinkt - BSP female

0217



GF2-14	1/4"	12.05
GF2-38	3/8"	10.20
GF2-12	1/2"	10.35
GF2-34	3/4"	16.05
GF2-1	1"	21.70
GF2-114	1.1/4"	37.60
GF2-112	1.1/2"	46.30
GF2-2	2"	64.25
GF2-212	2.1/2"	180.80
GF2-3	3"	227.30
GF2-4	4"	431.00

2a-Korte bocht 90° female

Tech Data
1765



Zwart - BSP female

0217



GF2A-14N	1/4"	10.35
GF2A-38N	3/8"	8.85
GF2A-12N	1/2"	8.15
GF2A-34N	3/4"	11.60
GF2A-1N	1"	17.15
GF2A-114N	1.1/4"	25.55
GF2A-112N	1.1/2"	35.05
GF2A-2N	2"	55.25
GF2A-212N	2.1/2"	103.80
GF2A-3N	3"	178.90
GF2A-4N	4"	377.70

Verzinkt - BSP female

0217



GF2A-14	1/4"	12.80
GF2A-38	3/8"	10.55
GF2A-12	1/2"	9.80
GF2A-34	3/4"	14.20
GF2A-1	1"	22.00
GF2A-114	1.1/4"	33.00
GF2A-112	1.1/2"	44.50
GF2A-2	2"	71.45
GF2A-212	2.1/2"	130.90
GF2A-3	3"	226.55
GF2A-4	4"	478.40



3-Bocht 90° male

Tech Data
1766



Zwart - BSPT male

0217	BSPT	€
GF3-12N	1/2"	12.65
GF3-34N	3/4"	14.15
GF3-1N	1"	20.50
GF3-114N	1.1/4"	52.20
GF3-112N	1.1/2"	54.85
GF3-2N	2"	73.85

Verzinkt - BSPT male

0217	BSPT	€
GF3-12	1/2"	15.90
GF3-34	3/4"	17.85
GF3-1	1"	25.55
GF3-114	1.1/4"	66.20
GF3-112	1.1/2"	93.80
GF3-2	2"	126.70

60-U-bocht female

Tech Data
1767



Zwart - BSP female

0217	BSPP	€
GF60-12N	1/2"	33.45
GF60-34N	3/4"	51.20
GF60-1N	1"	65.15
GF60-114N	1.1/4"	89.80
GF60-112N	1.1/2"	106.20
GF60-2N	2"	162.10

Verzinkt - BSP female

0217	BSPP	€
GF60-12	1/2"	42.20
GF60-34	3/4"	67.95
GF60-1	1"	63.70
GF60-114	1.1/4"	119.05
GF60-112	1.1/2"	140.80
GF60-2	2"	214.95

40-Bocht 45° male / female

Tech Data
1766



Zwart - BSPT male/BSP female

0217		€
GF40-12N	1/2"	8.35
GF40-34N	3/4"	11.20
GF40-1N	1"	15.95
GF40-114N	1.1/4"	27.45
GF40-112N	1.1/2"	33.00
GF40-2N	2"	52.00

Verzinkt - BSPT male/BSP female

0217		€
GF40-12	1/2"	10.35
GF40-34	3/4"	14.00
GF40-1	1"	19.60
GF40-114	1.1/4"	34.25
GF40-112	1.1/2"	40.80
GF40-2	2"	64.65

90-Verloopknie 90° female

Tech Data
1769



A



A

Zwart - BSP female

0217	BSPP	BSPP	€
GF90-38-14N	3/8"	1/4"	9.50
GF90-12-14N	1/2"	1/4"	10.90
GF90-12-38N	1/2"	3/8"	4.95
GF90-34-12N	3/4"	1/2"	5.90
GF90-10-12N	1"	1/2"	7.80
GF90-1-34N	1"	3/4"	8.60
GF90-114-1N	1.1/4"	1"	13.85

Verzinkt - BSP female

0217	BSPP	BSPP	€
GF90-12-14	1/2"	1/4"	13.45
GF90-12-38	1/2"	3/8"	7.95
GF90-34-12	3/4"	1/2"	11.00
GF90-1-12	1"	1/2"	10.05
GF90-1-34	1"	3/4"	10.55
GF90-114-1	1.1/4"	1"	17.25

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Ringleiding-
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Slangen

Compressoren

90-Knie 90° female

Tech Data
1769



Zwart - BSP female

0217



GF90-18N	1/8"	5.45
GF90-14N	1/4"	4.50
GF90-38N	3/8"	3.70
GF90-12N	1/2"	2.40
GF90-34N	3/4"	3.90
GF90-1N	1"	5.95
GF90-114N	1.1/4"	11.70
GF90-112N	1.1/2"	18.80
GF90-2N	2"	21.70
GF90-212N	2.1/2"	63.60
GF90-3N	3"	88.60
GF90-4N	4"	156.15

Verzinkt - BSP female

0217



GF90-18	1/8"	9.05
GF90-14	1/4"	5.40
GF90-38	3/8"	4.65
GF90-12	1/2"	3.25
GF90-34	3/4"	5.10
GF90-1	1"	7.50
GF90-114	1.1/4"	14.40
GF90-112	1.1/2"	23.30
GF90-2	2"	27.40
GF90-212	2.1/2"	80.50
GF90-3	3"	110.25

92-Knie 90° male / female

Tech Data
1768



Zwart - BSPT male/BSP female

0217



GF92-18N	1/8"	6.30
GF92-14N	1/4"	4.65
GF92-38N	3/8"	4.50
GF92-12N	1/2"	3.05
GF92-34N	3/4"	4.70
GF92-1N	1"	7.65
GF92-114N	1.1/4"	13.90
GF92-112N	1.1/2"	20.35
GF92-2N	2"	26.50
GF92-212N	2.1/2"	66.70
GF92-3N	3"	87.80
GF92-4N	4"	147.55

Verzinkt - BSPT male/BSP female

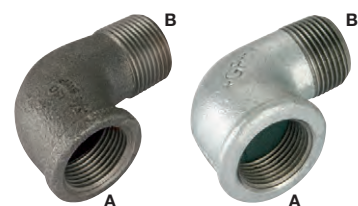
0217



GF92-18	1/8"	8.00
GF92-14	1/4"	5.80
GF92-38	3/8"	5.40
GF92-12	1/2"	3.70
GF92-34	3/4"	5.80
GF92-1	1"	9.75
GF92-114	1.1/4"	16.90
GF92-112	1.1/2"	25.35
GF92-2	2"	33.30
GF92-212	2.1/2"	82.95
GF92-3	3"	109.30

92-Verloopknie 90° male / female

Tech Data
1768



Zwart - BSPT male/BSP female

0217



GF92-34-12N	3/4"	1/2"	16.55
GF92-1-34N	1"	3/4"	16.15

Verzinkt - BSPT male/BSP female

0217

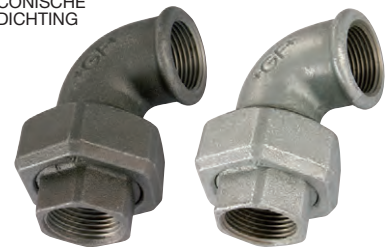


GF92-34-12	3/4"	1/2"	19.85
GF92-1-34	1"	3/4"	27.10

96-Driedelige knie female

Tech Data
1771

CONISCHE DICHTING



Zwart - BSP female

0217



GF96-12N	1/2"	17.65
GF96-34N	3/4"	20.45
GF96-1N	1"	29.45
GF96-114N	1.1/4"	49.70
GF96-112N	1.1/2"	58.20
GF96-2N	2"	98.15

Verzinkt - BSP female

0217



GF96-12	1/2"	22.30
GF96-34	3/4"	25.75
GF96-1	1"	37.05
GF96-114	1.1/4"	61.70
GF96-112	1.1/2"	73.65
GF96-2	2"	124.20

- KELM™ pneumatiek
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- Afsluiters
- Roestvast staal
- Fittingen
- Lucht-conditionering
- Gereedschap
- Pneumatiek
- Diversen
- Malleabele fittingen & staal
- Ringleiding-systemen
- Slangen
- Compressoren

Malleabel fitwerk



+GF+

Hoofdstuk 11 – Malleabele fittingen & staal

98-Driedelige knie male / female

CONISCHE
DICHTING



Zwart - BSPT male/BSP female

0217		€
GF98-12N	1/2"	17.75
GF98-34N	3/4"	22.65
GF98-1N	1"	30.95
GF98-114N	1.1/4"	51.50
GF98-112N	1.1/2"	64.35
GF98-2N	2"	104.55

Tech Data
1772



Verzinkt - BSPT male/BSP female

0217		€
GF98-12	1/2"	22.40
GF98-34	3/4"	28.40
GF98-1	1"	38.90
GF98-114	1.1/4"	65.30
GF98-112	1.1/2"	80.00
GF98-2	2"	132.15

130-Tee female

Tech Data
1774



Zwart - BSP female

0217		€
GF130-18N	1/8"	7.00
GF130-14N	1/4"	6.15
GF130-38N	3/8"	5.45
GF130-12N	1/2"	3.50
GF130-34N	3/4"	5.95
GF130-1N	1"	8.75
GF130-114N	1.1/4"	15.95
GF130-112N	1.1/2"	24.35
GF130-2N	2"	35.00
GF130-212N	2.1/2"	78.95
GF130-3N	3"	105.55
GF130-4N	4"	203.10

Verzinkt - BSP female

0217		€
GF130-14	1/4"	7.80
GF130-38	3/8"	6.65
GF130-12	1/2"	4.30
GF130-34	3/4"	7.50
GF130-1	1"	10.95
GF130-114	1.1/4"	19.60
GF130-112	1.1/2"	30.40
GF130-2	2"	42.75
GF130-212	2.1/2"	98.15
GF130-3	3"	131.15
GF130-4	4"	256.95

130-Verloop tee female

Tech Data
1775



Zwart - BSP female

0217			€
GF130-38-14N	3/8"	1/4"	14.30
GF130-12-14N	1/2"	1/4"	11.25
GF130-12-38N	1/2"	3/8"	7.20
GF130-12-34N	1/2"	3/4"	7.80
GF130-34-14N	3/4"	1/4"	15.40
GF130-34-38N	3/4"	3/8"	8.50
GF130-34-12N	3/4"	1/2"	6.40
GF130-34-1N	3/4"	1"	13.65
GF130-1-38N	1"	3/8"	19.35
GF130-1-12N	1"	1/2"	8.45
GF130-1-34N	1"	3/4"	9.15
GF130-1-114N	1"	1.1/4"	20.85
GF130-1-112N	1"	1.1/2"	25.95
GF130-114-12N	1.1/4"	1/2"	14.00
GF130-114-34N	1.1/4"	3/4"	15.20
GF130-114-1N	1.1/4"	1"	16.70
GF130-112-12N	1.1/2"	1/2"	18.80
GF130-112-34N	1.1/2"	3/4"	27.45
GF130-112-1N	1.1/2"	1"	22.05
GF130-112-114N	1.1/2"	1.1/4"	29.80
GF130-112-2N	1.1/2"	2"	41.05
GF130-2-12N	2"	1/2"	27.55
GF130-2-34N	2"	3/4"	35.85
GF130-2-1N	2"	1"	28.25
GF130-2-114N	2"	1.1/4"	35.85
GF130-2-112N	2"	1.1/2"	42.10

Verzinkt - BSP female

0217			€
GF130-38-14	3/8"	1/4"	18.05
GF130-12-14	1/2"	1/4"	14.30
GF130-12-38	1/2"	3/8"	8.60
GF130-12-34	1/2"	3/4"	9.85
GF130-34-14	3/4"	1/4"	20.15
GF130-34-38	3/4"	3/8"	14.35
GF130-34-12	3/4"	1/2"	8.00
GF130-34-1	3/4"	1"	22.55
GF130-1-38	1"	3/8"	24.45
GF130-1-12	1"	1/2"	10.50
GF130-1-34	1"	3/4"	11.30
GF130-1-114	1"	1.1/4"	26.30
GF130-1-112	1"	1.1/2"	32.95
GF130-114-12	1.1/4"	1/2"	17.60
GF130-114-34	1.1/4"	3/4"	18.60
GF130-114-1	1.1/4"	1"	20.75
GF130-112-12	1.1/2"	1/2"	23.65
GF130-112-34	1.1/2"	3/4"	25.60
GF130-112-1	1.1/2"	1"	27.65
GF130-112-114	1.1/2"	1.1/4"	37.60
GF130-112-2	1.1/2"	2"	51.85
GF130-2-12	2"	1/2"	34.90
GF130-2-34	2"	3/4"	45.35
GF130-2-1	2"	1"	35.20
GF130-2-114	2"	1.1/4"	45.35
GF130-2-112	2"	1.1/2"	52.30

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Slangen

Compressoren

130-Verloop tee female



Zwart - BSP female

0217



GF130-12-38-38N	1/2"	3/8"	3/8"	11.00
GF130-34-12-12N	3/4"	1/2"	1/2"	7.00
GF130-34-12-34N	3/4"	3/4"	1/2"	8.15
GF130-1-12-11N	1"	1"	1/2"	11.00
GF130-1-34-12N	1"	1/2"	3/4"	10.35
GF130-1-34-34N	1"	3/4"	3/4"	10.50
GF130-1-34-11N	1"	1"	3/4"	12.05
GF130-114-12114N	1.1/4"	1.1/4"	1/2"	21.60
GF130-114-1-12N	1.1/4"	1/2"	1"	16.50
GF130-114-1-34N	1.1/4"	3/4"	1"	19.30
GF130-114-1-11N	1.1/4"	1"	1"	18.80
GF130-114-1-114N	1.1/4"	1.1/4"	1"	20.85
GF130-112-12112N	1.1/2"	1.1/2"	1/2"	39.90
GF130-112-1-11N	1.1/2"	1"	1"	25.35
GF130-112-1-112N	1.1/2"	1.1/2"	1"	35.05
GF130-112-11412N	1.1/2"	1/2"	1.1/4"	21.60
GF130-112-114-11N	1.1/2"	1"	1.1/4"	24.90
GF130-112114114N	1.1/2"	1.1/4"	1.1/4"	30.45
GF130-2-12-21N	2"	2"	1/2"	89.05
GF130-2-34-21N	2"	2"	3/4"	56.60
GF130-2-1-21N	2"	2"	1"	57.40
GF130-2-112-11N	2"	1"	1.1/2"	39.60
GF130-2-112-1141N	2"	1.1/4"	1.1/2"	39.40
GF130-2-112-1121N	2"	1.1/2"	1.1/2"	43.50
GF130-2-112-21N	2"	2"	1.1/2"	46.30
GF130-212112212N	2.1/2"	2.1/2"	1.1/2"	189.40
GF130-212-2-21N	2.1/2"	2"	2"	123.10

Tech Data
1776



Verzinkt - BSP female

0217



GF130-12-38-38	1/2"	3/8"	3/8"	13.10
GF130-34-12-12	3/4"	1/2"	1/2"	8.60
GF130-34-12-34	3/4"	3/4"	1/2"	10.20
GF130-1-12-1	1"	1"	1/2"	13.85
GF130-1-34-12	1"	1/2"	3/4"	17.50
GF130-1-34-34	1"	3/4"	3/4"	17.80
GF130-1-34-1	1"	1"	3/4"	20.65
GF130-114-12-114	1.1/4"	1.1/4"	1/2"	34.90
GF130-114-1-12	1.1/4"	1/2"	1"	20.50
GF130-114-1-34	1.1/4"	3/4"	1"	23.90
GF130-114-1-1	1.1/4"	1"	1"	23.40
GF130-114-1-114	1.1/4"	1.1/4"	1"	26.55
GF130-112-12-112	1.1/2"	1.1/2"	1/2"	51.35
GF130-112-1-1	1.1/2"	1"	1"	43.10
GF130-112-1-112	1.1/2"	1.1/2"	1"	44.15
GF130-112-11412	1.1/2"	1/2"	1.1/4"	27.40
GF130-112-114-1	1.1/2"	1"	1.1/4"	31.35
GF130-112-114114	1.1/2"	1.1/4"	1.1/4"	38.85
GF130-2-12-2	2"	2"	1/2"	34.90
GF130-2-34-2	2"	2"	3/4"	75.40
GF130-2-1-2	2"	2"	1"	53.40
GF130-2-112-1	2"	1"	1.1/2"	49.85
GF130-2-112-114	2"	1.1/4"	1.1/2"	49.50
GF130-2-112-112	2"	1.1/2"	1.1/2"	54.80
GF130-2-112-2	2"	2"	1.1/2"	58.50
GF130-212-112212	2.1/2"	2.1/2"	1.1/2"	235.10
GF130-212-2-2	2.1/2"	2"	2"	155.65
GF130-3-2-2	3"	2"	2"	190.85

132-Stroom tee female

Tech Data
1778



Zwart - BSP female

0217



GF132-12N	1/2"	25.90
GF132-34N	3/4"	28.15
GF132-11N	1"	42.95
GF132-114N	1.1/4"	77.65
GF132-112N	1.1/2"	98.05
GF132-21N	2"	125.20

Verzinkt - BSP female

0217



GF132-12	1/2"	32.30
GF132-34	3/4"	33.95
GF132-1	1"	54.10
GF132-114	1.1/4"	93.30
GF132-112	1.1/2"	123.80
GF132-2	2"	150.65

Voor

gegalvaniseerde
heavy duty slangklemmen



...zie hoofdstuk 13

KELM™
pneumatiek

Hydrauliek

Snel-
koppelingen

Afsluiters

Roestvast
staal

Fittingen

Lucht-
conditionering

Gereedschap

Pneumatiek

Diversen

Malleabele
fittingen
& staal

Ringleiding-
systemen

Slangen

Compressoren

Malleabel fitwerk



180-Kruis female

Tech Data
1779



Zwart - BSP female

0217	BSPP	€
GF180-12N	1/2"	12.45
GF180-34N	3/4"	25.90
GF180-1N	1"	23.40
GF180-114N	1.1/4"	30.95
GF180-112N	1.1/2"	41.05
GF180-2N	2"	61.15
GF180-3N	3"	215.75

Verzinkt - BSP female

0217	BSPP	€
GF180-12	1/2"	15.60
GF180-34	3/4"	23.40
GF180-1	1"	28.90
GF180-114	1.1/4"	38.85
GF180-112	1.1/2"	51.85
GF180-2	2"	77.30
GF180-3	3"	273.25

240-Verloopsok female

Tech Data
1780



Zwart - BSP female

0217	BSPP	BSPP	€
GF240-14-18N *	1/4"	1/8"	5.90
GF240-38-14N *	3/8"	1/4"	5.05
GF240-12-14N	1/2"	1/4"	5.40
GF240-12-38N	1/2"	3/8"	4.65
GF240-34-38N	3/4"	3/8"	6.15
GF240-34-12N	3/4"	1/2"	5.10
GF240-1-12N	1"	1/2"	6.65
GF240-1-34N	1"	3/4"	5.95
GF240-114-12N	1.1/4"	1/2"	12.20
GF240-114-34N	1.1/4"	3/4"	11.00
GF240-114-1N	1.1/4"	1"	10.85
GF240-112-12N	1.1/2"	1/2"	19.55
GF240-112-34N	1.1/2"	3/4"	16.25
GF240-112-1N	1.1/2"	1"	13.25
GF240-112-114N	1.1/2"	1.1/4"	14.30
GF240-2-34N	2"	3/4"	38.20
GF240-2-1N	2"	1"	25.40
GF240-2-114N	2"	1.1/4"	22.90
GF240-2-112N	2"	1.1/2"	21.60
GF240-212-112N	2.1/2"	1.1/2"	92.55
GF240-212-2N	2.1/2"	2"	59.15
GF240-3-112N	3"	1.1/2"	80.85
GF240-3-2N	3"	2"	91.55
GF240-3-212N	3"	2.1/2"	141.50
GF240-4-2N	4"	2"	158.15
GF240-4-212N	4"	2.1/2"	224.45
GF240-4-3N	4"	3"	169.45



Verzinkt - BSP female

0217	BSPP	BSPP	€
GF240-14-18 *	1/4"	1/8"	7.20
GF240-38-14 *	3/8"	1/4"	6.15
GF240-12-14	1/2"	1/4"	6.70
GF240-12-38	1/2"	3/8"	5.60
GF240-34-38	3/4"	3/8"	7.85
GF240-34-12	3/4"	1/2"	6.55
GF240-1-12	1"	1/2"	8.30
GF240-1-34	1"	3/4"	7.50
GF240-114-12	1.1/4"	1/2"	15.90
GF240-114-34	1.1/4"	3/4"	14.00
GF240-114-1	1.1/4"	1"	13.55
GF240-112-12	1.1/2"	1/2"	33.25
GF240-112-34	1.1/2"	3/4"	21.70
GF240-112-1	1.1/2"	1"	16.50
GF240-112-114	1.1/2"	1.1/4"	18.15
GF240-2-34	2"	3/4"	35.20
GF240-2-1	2"	1"	32.45
GF240-2-114	2"	1.1/4"	28.70
GF240-2-112	2"	1.1/2"	27.15
GF240-212-112	2.1/2"	1.1/2"	117.20
GF240-212-2	2.1/2"	2"	73.35
GF240-3-112	3"	1.1/2"	107.35
GF240-3-2	3"	2"	110.20
GF240-3-212	3"	2.1/2"	79.75
GF240-4-2	4"	2"	258.45
GF240-4-212	4"	2.1/2"	270.15
GF240-4-3	4"	3"	291.05

* Deze artikelen zijn van gegalvaniseerd staal, en daardoor niet bruikbaar in drinkwater installaties.

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

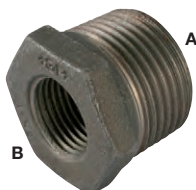
Voor

schroefdraadichting en -borging

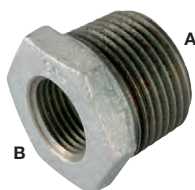


...zie hoofdstuk 10

241-Verlooping male / female



Tech Data
1781



Zwart - BSPT male/BSP female

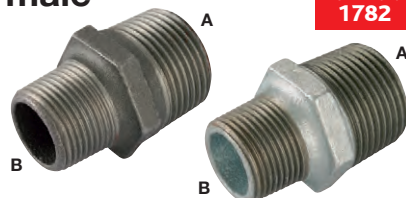
0217	BSPT	BSP	€
GF241-14-18N *	1/4"	1/8"	4.65
GF241-38-18N *	3/8"	1/8"	4.65
GF241-38-14N *	3/8"	1/4"	3.35
GF241-12-18N	1/2"	1/8"	4.35
GF241-12-14N	1/2"	1/4"	2.65
GF241-12-38N	1/2"	3/8"	2.45
GF241-34-14N	3/4"	1/4"	4.90
GF241-34-38N	3/4"	3/8"	3.75
GF241-34-12N	3/4"	1/2"	2.70
GF241-1-14N	1"	1/4"	7.20
GF241-1-38N	1"	3/8"	6.15
GF241-1-12N	1"	1/2"	3.80
GF241-1-34N	1"	3/4"	3.50
GF241-114-38N	1.1/4"	3/8"	14.95
GF241-114-12N	1.1/4"	1/2"	7.20
GF241-114-34N	1.1/4"	3/4"	6.05
GF241-114-1N	1.1/4"	1"	4.65
GF241-112-38N	1.1/2"	3/8"	18.75
GF241-112-12N	1.1/2"	1/2"	8.80
GF241-112-34N	1.1/2"	3/4"	10.05
GF241-112-1N	1.1/2"	1"	6.65
GF241-112-114N	1.1/2"	1.1/4"	6.85
GF241-2-12N	2"	1/2"	17.85
GF241-2-34N	2"	3/4"	17.65
GF241-2-1N	2"	1"	14.55
GF241-2-114N	2"	1.1/4"	13.85
GF241-2-112N	2"	1.1/2"	12.40
GF241-212-1N	2.1/2"	1"	39.10
GF241-212-114N	2.1/2"	1.1/4"	44.85
GF241-212-112N	2.1/2"	1.1/2"	31.55
GF241-212-2N	2.1/2"	2"	23.80
GF241-3-1N	3"	1"	60.50
GF241-3-114N	3"	1.1/4"	60.50
GF241-3-112N	3"	1.1/2"	41.70
GF241-3-2N	3"	2"	31.25
GF241-3-212N	3"	2.1/2"	35.20

Verzinkt - BSPT male/BSP female

0217	BSPT	BSP	€
GF241-14-18 *	1/4"	1/8"	5.45
GF241-38-18 *	3/8"	1/8"	5.60
GF241-38-14 *	3/8"	1/4"	4.25
GF241-12-18	1/2"	1/8"	5.30
GF241-12-14	1/2"	1/4"	3.35
GF241-12-38	1/2"	3/8"	3.35
GF241-34-14	3/4"	1/4"	6.05
GF241-34-38	3/4"	3/8"	4.65
GF241-34-12	3/4"	1/2"	3.50
GF241-1-14	1"	1/4"	8.75
GF241-1-38	1"	3/8"	7.60
GF241-1-12	1"	1/2"	4.90
GF241-1-34	1"	3/4"	4.55
GF241-114-38	1.1/4"	3/8"	19.00
GF241-114-12	1.1/4"	1/2"	8.45
GF241-114-34	1.1/4"	3/4"	7.50
GF241-114-1	1.1/4"	1"	5.60
GF241-112-38	1.1/2"	3/8"	17.05
GF241-112-12	1.1/2"	1/2"	11.20
GF241-112-34	1.1/2"	3/4"	12.40
GF241-112-1	1.1/2"	1"	8.30
GF241-112-114	1.1/2"	1.1/4"	8.45
GF241-2-12	2"	1/2"	22.55
GF241-2-34	2"	3/4"	22.30
GF241-2-1	2"	1"	18.25
GF241-2-114	2"	1.1/4"	17.45
GF241-2-112	2"	1.1/2"	15.60
GF241-212-1	2.1/2"	1"	48.70
GF241-212-114	2.1/2"	1.1/4"	56.40
GF241-212-112	2.1/2"	1.1/2"	53.20
GF241-212-2	2.1/2"	2"	30.05
GF241-3-1	3"	1"	76.35
GF241-3-114	3"	1.1/4"	76.35
GF241-3-112	3"	1.1/2"	70.85
GF241-3-2	3"	2"	38.75
GF241-3-212	3"	2.1/2"	43.90

245-Verlooppnippel male

Tech Data
1782



Zwart - BSPT male

0217	BSPT	BSPT	€
GF245-14-18N *	1/4"	1/8"	5.40
GF245-38-14N *	3/8"	1/4"	5.10
GF245-12-14N	1/2"	1/4"	7.20
GF245-12-38N	1/2"	3/8"	6.15
GF245-34-38N	3/4"	3/8"	11.10
GF245-34-12N	3/4"	1/2"	5.60
GF245-1-12N	1"	1/2"	10.85
GF245-1-34N	1"	3/4"	6.15
GF245-114-34N	1.1/4"	3/4"	14.55
GF245-114-1N	1.1/4"	1"	10.15
GF245-112-1N	1.1/2"	1"	22.90
GF245-112-114N	1.1/2"	1.1/4"	12.30
GF245-2-1N	2"	1"	28.00
GF245-2-114N	2"	1.1/4"	35.20
GF245-2-112N	2"	1.1/2"	23.50
GF245-3-2N	3"	2"	69.30

Verzinkt - BSPT male

0217	BSPT	BSPT	€
GF245-14-18 *	1/4"	1/8"	6.95
GF245-38-14 *	3/8"	1/4"	6.70
GF245-12-14	1/2"	1/4"	8.45
GF245-12-38	1/2"	3/8"	7.80
GF245-34-38	3/4"	3/8"	13.90
GF245-34-12	3/4"	1/2"	6.85
GF245-1-12	1"	1/2"	13.75
GF245-1-34	1"	3/4"	7.80
GF245-114-34	1.1/4"	3/4"	17.05
GF245-114-1	1.1/4"	1"	12.40
GF245-112-1	1.1/2"	1"	28.90
GF245-112-114	1.1/2"	1.1/4"	15.60
GF245-2-1	2"	1"	26.00
GF245-2-114	2"	1.1/4"	43.95
GF245-2-112	2"	1.1/2"	29.60
GF245-3-2	3"	2"	87.55

* Deze artikelen zijn van gegalvaniseerd staal, en daardoor niet bruikbaar in drinkwater installaties.

KELM™
pneumatiek

Hydrauliek

Snel-
koppelingen

Afsluiters

Roestvast
staal

Fittingen

Lucht-
conditionering

Gereedschap

Pneumatiek

Diversen

Malleabele
fittingen
& staal

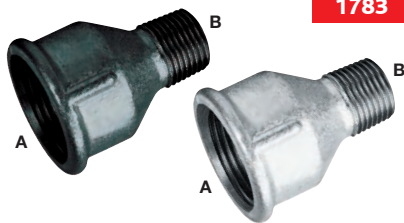
Ringleiding-
systemen

Slangen

Compressoren

246-Verloop soknippel male / female

Tech Data
1783



Zwart - BSPT male/BSP female

0217	BSPP A	BSPT B	€
GF246-34-12N	3/4"	1/2"	5.40
GF246-1-34N	1"	3/4"	8.60
GF246-114-1N	1.1/4"	1"	10.00

Verzinkt - BSPT male/BSP female

0217	BSPP A	BSPT B	€
GF246-34-12	3/4"	1/2"	6.70
GF246-1-34	1"	3/4"	10.95
GF246-114-1	1.1/4"	1"	12.10

270-Sok female

Tech Data
1785



Zwart - BSP female

0217	BSPP	€
GF270-18N *	1/8"	4.35
GF270-14N *	1/4"	4.00
GF270-38N	3/8"	3.75
GF270-12N	1/2"	3.05
GF270-34N	3/4"	3.95
GF270-1N	1"	5.10
GF270-114N	1.1/4"	8.45
GF270-112N	1.1/2"	11.85
GF270-2N	2"	17.85
GF270-212N	2.1/2"	50.10
GF270-3N	3"	60.00
GF270-4N	4"	137.80

Verzinkt - BSP female

0217	BSPP	€
GF270-18 *	1/8"	5.30
GF270-14 *	1/4"	5.30
GF270-38	3/8"	4.50
GF270-12	1/2"	3.70
GF270-34	3/4"	5.05
GF270-1	1"	6.65
GF270-114	1.1/4"	10.50
GF270-112	1.1/2"	15.10
GF270-2	2"	22.45
GF270-212	2.1/2"	62.10
GF270-3	3"	74.65
GF270-4	4"	236.30

280-Dubbele nippel male

Tech Data
1786



Zwart - BSPT male

0217	BSPT	€
GF280-18N *	1/8"	4.95
GF280-14N *	1/4"	4.65
GF280-38N	3/8"	5.05
GF280-12N	1/2"	2.55
GF280-34N	3/4"	3.50
GF280-1N	1"	4.80
GF280-114N	1.1/4"	8.45
GF280-112N	1.1/2"	10.00
GF280-2N	2"	17.50
GF280-212N	2.1/2"	31.55
GF280-3N	3"	38.25
GF280-4N	4"	137.80

Verzinkt - BSPT male

0217	BSPT	€
GF280-18 *	1/8"	6.15
GF280-14 *	1/4"	5.45
GF280-38	3/8"	6.25
GF280-12	1/2"	3.30
GF280-34	3/4"	4.30
GF280-1	1"	6.25
GF280-114	1.1/4"	10.50
GF280-112	1.1/2"	12.10
GF280-2	2"	21.85
GF280-212	2.1/2"	39.25
GF280-3	3"	47.25
GF280-4	4"	174.25

* Deze artikelen zijn van gegalvaniseerd staal, en daardoor niet bruikbaar in drinkwater installaties.

KELM™
pneumatiek

Hydrauliek

Snel-
koppelingen

Afsluiters

Roestvast
staal

Fittingen

Lucht-
conditionering

Gereedschap

Pneumatiek

Diversen

Malleabele
fittingen
& staal

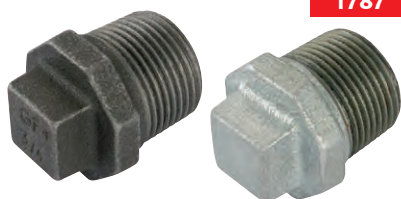
Ringleiding-
systemen

Slangen

Compressoren

290-Plug met vierkante kop male

Tech Data
1787



Zwart - BSPT male

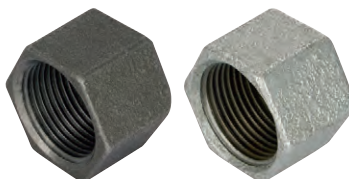
0217	BSPT	€
GF290-14N	1/4"	2.40
GF290-38N	3/8"	2.10
GF290-12N	1/2"	2.10
GF290-34N	3/4"	2.90
GF290-1N	1"	3.25
GF290-114N	1.1/4"	5.80
GF290-112N	1.1/2"	7.35
GF290-2N	2"	13.00

Verzinkt - BSPT male

0217	BSPT	€
GF290-14	1/4"	3.20
GF290-38	3/8"	2.55
GF290-12	1/2"	2.55
GF290-34	3/4"	3.50
GF290-1	1"	3.80
GF290-114	1.1/4"	7.25
GF290-112	1.1/2"	8.90
GF290-2	2"	15.95

300-Kap zeskant female

Tech Data
1789



Zwart - BSP female

0217	BSPP	€
GF300-14N	1/4"	3.20
GF300-38N	3/8"	2.80
GF300-12N	1/2"	3.35
GF300-34N	3/4"	3.95
GF300-1N	1"	4.75
GF300-114N	1.1/4"	7.35
GF300-112N	1.1/2"	9.10
GF300-2N	2"	16.75
GF300-212N	2.1/2"	30.55
GF300-3N	3"	33.35
GF300-4N	4"	71.80

Verzinkt - BSP female

0217	BSPP	€
GF300-14	1/4"	3.95
GF300-38	3/8"	3.70
GF300-12	1/2"	4.15
GF300-34	3/4"	5.05
GF300-1	1"	5.90
GF300-114	1.1/4"	8.90
GF300-112	1.1/2"	11.10
GF300-2	2"	21.00
GF300-212	2.1/2"	36.30
GF300-3	3"	41.70
GF300-4	4"	123.60

321-Voorlasflens

Tech Data
1790



Zwart

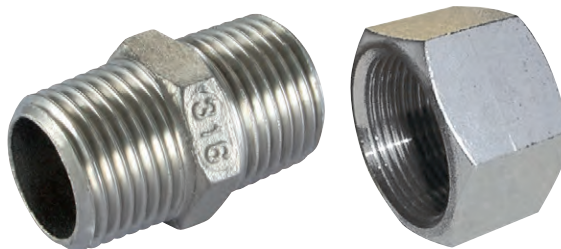
0217		€
GF321-12N	1/2"	20.65
GF321-34N	3/4"	18.45
GF321-1N	1"	21.45
GF321-114N	1.1/4"	28.40
GF321-112N	1.1/2"	46.95
GF321-2N	2"	56.80

Verzinkt

0217		€
GF321-12	1/2"	25.55
GF321-34	3/4"	31.55
GF321-1	1"	34.80
GF321-114	1.1/4"	46.15
GF321-2	2"	71.30

Voor

RVS draadfittingen



...zie hoofdstuk 5

KELM™
pneumatiek

Hydrauliek

Snel-
koppelingen

Afsluiters

Roestvast
staal

Fittingen

Lucht-
conditionering

Gereedschap

Pneumatiek

Diversen

Malleabele
fittingen
& staal

Ringleiding-
systemen

Slangen

Compressoren

Malleabel fitwerk



330-Driedelige koppeling met vlakke dichting female



Zwart - BSP female

0217		€
GF330-12N	1/2"	11.10
GF330-34N	3/4"	12.65
GF330-1N	1"	14.10
GF330-114N	1.1/4"	24.35
GF330-112N	1.1/2"	31.35
GF330-2N	2"	51.55

341-Driedelige koppeling conisch dichtend male / female



Tech Data
1792

Zwart - BSPT male/BSP female

0217		€
GF341-14N	1/4"	20.20
GF341-38N	3/8"	15.55
GF341-12N	1/2"	13.05
GF341-34N	3/4"	15.80
GF341-1N	1"	19.55
GF341-114N	1.1/4"	30.90
GF341-112N	1.1/2"	39.50
GF341-2N	2"	63.05
GF341-212N	2.1/2"	137.15
GF341-3N	3"	214.20

Verzinkt - BSPT male/BSP female

0217		€
GF341-14	1/4"	25.10
GF341-38	3/8"	19.55
GF341-12	1/2"	16.20
GF341-34	3/4"	19.60
GF341-1	1"	24.35
GF341-114	1.1/4"	38.70
GF341-112	1.1/2"	49.60
GF341-2	2"	79.10
GF341-212	2.1/2"	173.40
GF341-3	3"	271.20



Verzinkt - BSP female

0217		€
GF330-12	1/2"	22.00
GF330-34	3/4"	24.85
GF330-1	1"	22.90
GF330-114	1.1/4"	39.45
GF330-112	1.1/2"	51.05
GF330-2	2"	84.50

340-Driedelige koppeling conisch dichtend female



Tech Data
1792

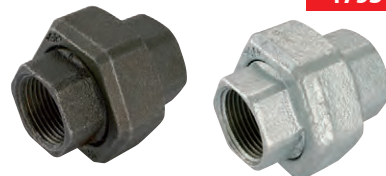
Zwart - BSP female

0217		€
GF340-14N	1/4"	19.55
GF340-38N	3/8"	17.65
GF340-12N	1/2"	13.35
GF340-34N	3/4"	15.05
GF340-1N	1"	17.50
GF340-114N	1.1/4"	28.85
GF340-112N	1.1/2"	33.95
GF340-2N	2"	55.60
GF340-212N	2.1/2"	125.55
GF340-3N	3"	175.00
GF340-4N	4"	478.85

Verzinkt - BSP female

0217		€
GF340-14	1/4"	24.05
GF340-38	3/8"	21.70
GF340-12	1/2"	16.70
GF340-34	3/4"	18.90
GF340-1	1"	21.75
GF340-114	1.1/4"	37.45
GF340-112	1.1/2"	43.90
GF340-2	2"	72.20
GF340-212	2.1/2"	158.90
GF340-3	3"	221.60
GF340-4	4"	606.80

342-Driedelige koppeling met bolronde dichting female



Tech Data
1793

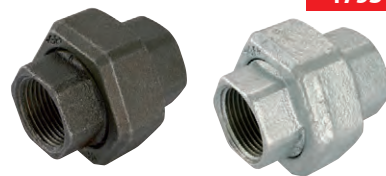
Zwart - BSP female

0217		€
GF342-12N	1/2"	41.40
GF342-34N	3/4"	46.05
GF342-1N	1"	60.15
GF342-114N	1.1/4"	83.05
GF342-112N	1.1/2"	100.60
GF342-2N	2"	127.35

Verzinkt - BSP female

0217		€
GF342-12	1/2"	58.30
GF342-34	3/4"	68.60
GF342-1	1"	85.70
GF342-114	1.1/4"	123.65
GF342-112	1.1/2"	149.85
GF342-2	2"	181.50

342a-Driedelige koppeling met bolronde dichting female



Tech Data
1793

Zwart - BSP female

0217		€
GF342A-12N	1/2"	55.95
GF342A-34N	3/4"	61.70
GF342A-1N	1"	81.75
GF342A-114N	1.1/4"	112.40
GF342A-112N	1.1/2"	135.30
GF342A-2N	2"	172.10

Verzinkt - BSP female

0217		€
GF342A-12	1/2"	81.10
GF342A-34	3/4"	89.85
GF342A-1	1"	118.35
GF342A-114	1.1/4"	163.25
GF342A-112	1.1/2"	197.20
GF342A-2	2"	250.35

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	26.10
9700021	1/2"	2.65	21.3	28.90
9700027	3/4"	2.65	26.9	35.85
9700032	1"	3.25	33.7	55.25
9700042	1.1/4"	3.25	42.4	70.90
9700048	1.1/2"	3.25	48.3	81.45
9700060	2"	3.65	60.3	115.10
9700076	2.1/2"	3.65	76.1	147.05
9700089	3"	4.05	88.9	191.30
9700114	4"	4.5	114.3	279.40



BSPT draadeinden - 6 meter lengte - DIN 2440

GASB				€
9710021	1/2"	2.6	21.3	29.20
9710027	3/4"	2.6	26.9	36.30
9710032	1"	3.2	33.7	55.95
9710042	1.1/4"	3.2	42.4	71.80
9710048	1.1/2"	3.2	48.3	82.50
9710060	2"	3.6	60.3	116.55
9710076	2.1/2"	3.6	76.1	148.90
9710089	3"	4	88.9	193.75



Voor

hydrauliebuis



...zie hoofdstuk 2

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Diversen

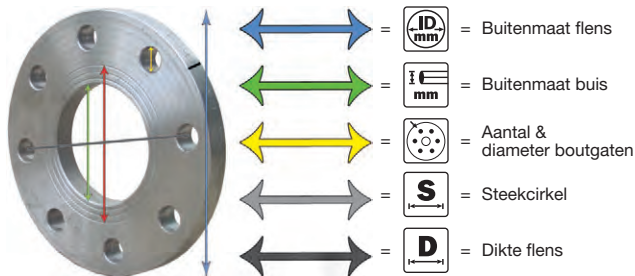
Malleabele
fittingen
& staal

Ringleiding-
systemen

Slangen

Compressoren

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.

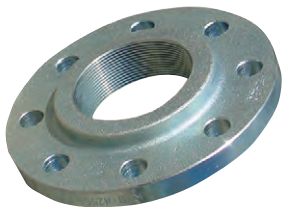
Draadflenzen staal C22,8, volgens DIN normering 2566

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	mm	ID	mm	mm	mm	mm	mm	mm	€
Hydrauliek	DN15-DF16B-12	65	14	1/2"	95	21,3	4 x 14mm	5.05				
	DN20-DF16B-34	75	16	3/4"	105	26,9	4 x 14mm	6.20				
Snelkoppelingen	DN25-DF16B-1	85	16	1"	115	33,7	4 x 14mm	7.50				
	DN32-DF16B-114	100	16	1.1/4"	140	42,4	4 x 18mm	10.50				
	DN40-DF16B-112	110	16	1.1/2"	150	48,3	4 x 18mm	12.75				
Afsluiters	DN50-DF16B-2	125	18	2"	165	60,3	4 x 18mm	16.50				
	DN65-DF16B-212	145	18	2.1/2"	185	76,1	8 x 18mm	19.55				
Roestvast staal	DN80-DF16B-3	160	20	3"	200	88,9	8 x 18mm	23.50				
	DN100-DF16B-4	180	20	4"	220	114,3	8 x 18mm	28.00				



Zwart - DIN 2566 ST37 - 16 bar

	FLEN	S	D	mm	ID	mm	mm	mm	mm	mm	mm	€
Malleabele fittingen & staal	DN15-DF16B-12Z	65	14	1/2"	95	21,3	4 x 14mm	4.85				
	DN20-DF16B-34Z	75	16	3/4"	105	26,9	4 x 14mm	6.00				
Ringleidingssystemen	DN25-DF16B-1Z	85	16	1"	115	33,7	4 x 14mm	6.95				
	DN32-DF16B-114Z	100	16	1.1/4"	140	42,4	4 x 18mm	10.35				
	DN40-DF16B-112Z	110	16	1.1/2"	150	48,3	4 x 18mm	11.65				
Slangen	DN50-DF16B-2Z	125	18	2"	165	60,3	4 x 18mm	13.15				
	DN65-DF16B-212Z	145	18	2.1/2"	185	76,1	8 x 18mm	17.65				
Compressoren	DN80-DF16B-3Z	160	20	3"	200	88,9	8 x 18mm	21.80				
	DN100-DF16B-4Z	180	20	4"	220	114,3	8 x 18mm	24.80				

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	mm	ID	mm	mm	mm	mm	mm	mm	mm	€
DN015-VLF021-16	65	14	95	21,3	4 x 14mm	3.75						
DN020-VLF026-16	75	16	105	26,9	4 x 14mm	6.00						
DN025-VLF033-16	85	16	115	33,7	4 x 14mm	6.75						
DN032-VLF042-16	100	16	140	42,4	4 x 18mm	10.15						
DN040-VLF048-16	110	16	150	48,3	4 x 18mm	10.50						
DN050-VLF060-16	125	18	165	60,3	4 x 18mm	16.65						
DN065-VLF076-16	145	18	185	76,1	8 x 18mm	17.40						
DN080-VLF088-16	160	20	200	88,9	8 x 18mm	19.90						
DN100-VLF114-16	180	20	220	114,3	8 x 18mm	25.35						
DN125-VLF139-16	210	22	250	139,7	8 x 18mm	33.80						
DN150-VLF168-16	240	22	285	168,3	8 x 22mm	46.00						
DN200-VLF219-16	295	24	340	219,1	12 x 22mm	67.25						

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	mm	ID	mm	mm	mm	mm	mm	mm	mm	€
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	6.05					
DN025-SLF033-16	85	16	16	115	33,7	4 x 14mm	6.65					
DN032-SLF042-16	100	16	16	140	42,4	4 x 18mm	11.15					
DN040-SLF048-16	110	16	16	150	48,3	4 x 18mm	12.45					
DN050-SLF060-16	125	18	16	165	60,3	4 x 18mm	16.00					
DN065-SLF076-16	145	18	16	185	76,1	8 x 18mm	17.70					
DN080-SLF088-16	160	20	16	200	88,9	8 x 18mm	21.15					
DN100-SLF114-16	180	20	16	220	114,3	8 x 18mm	24.60					
DN125-SLF139-16	210	22	16	250	139,7	8 x 18mm	30.60					
DN150-SLF168-16	240	22	16	285	168,3	8 x 22mm	40.00					
DN200-SLF219-16	295	24	16	340	219,1	12 x 22mm	57.15					

Staal EN1092-1 ST37,2 - 10 bar

FLEN	S	D	mm	ID	mm	mm	mm	mm	mm	mm	mm	€
DN080-SLF088-10	160	20	10	200	88,9	4 x 18mm	23.65					
DN200-SLF219-10	295	24	10	340	219,1	8 x 22mm	51.95					
DN250-SLF273-10	350	26	10	395	273,0	12 x 22mm	66.10					
DN300-SLF323-10	400	26	10	445	323,9	12 x 22mm	76.20					
DN350-SLF355-10	460	28	10	505	355,6	16 x 22mm	127.20					
DN400-SLF406-10	515	32	10	565	406,4	16 x 26mm	171.50					
DN450-SLF457-10	565	26	10	615	457,0	20 x 27mm	235.40					
DN500-SLF508-10	620	26	10	670	508,0	20 x 27mm	279.75					

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	3.95
DN020-BF-16	75	16	16	105	4 x 14mm	5.05
DN025-BF-16	85	16	16	115	4 x 14mm	6.40
DN032-BF-16	100	16	16	140	4 x 18mm	8.85
DN040-BF-16	110	16	16	150	4 x 18mm	9.95
DN050-BF-16	125	18	16	165	4 x 18mm	14.25
DN065-BF-16	145	18	16	185	8 x 18mm	19.15
DN080-BF-16	160	20	16	200	8 x 18mm	21.40
DN100-BF-16	180	20	16	220	8 x 18mm	27.80
DN125-BF-16	210	22	16	250	8 x 18mm	44.85
DN150-BF-16	240	22	16	285	8 x 22mm	57.85



Staal EN1092-5 ST37 - 10 bar

FLEN	S	D	bar	ID mm		€
DN080-BF-10	160	20	10	200	4 x 18mm	21.40
DN200-BF-10	295	24	10	340	8 x 22mm	151.55
DN250-BF-10	350	26	10	395	12 x 22mm	221.30
DN300-BF-10	400	26	10	445	12 x 22mm	282.85
DN350-BF-10	460	26	10	505	16 x 22mm	386.35
DN400-BF-10	515	26	10	565	16 x 26mm	482.00
DN450-BF-10	565	28	10	615	20 x 27mm	614.55
DN500-BF-10	620	28	10	670	20 x 26mm	733.65

Universele HD flenspakking ring



Zonder boutgaten - 16 bar

FLEN	To Suit	€
PF16DN015	DN015	0.75
PF16DN020	DN020	0.80
PF16DN025	DN025	0.90
PF16DN032	DN032	1.35
PF16DN040	DN040	1.55
PF16DN050	DN050	1.60
PF16DN065	DN065	2.00
PF16DN080	DN080	2.40
PF16DN100	DN100	2.85
PF16DN125	DN125	4.70
PF16DN150	DN150	5.30
PF10DN200	DN200	7.20
PF16DN250	DN250	12.75
PF16DN300	DN300	16.00
PF16DN350	DN350	27.15

Universele bouten voor flenzen

Staal 8.8 gegalvaniseerd

FLEN			L mm	€
FBOUTM12X50	M12	14	50	0.50
FBOUTM16X65	M16	18	65	1.20
FBOUTM20X90	M20	22	90	2.55
FBOUTM24X90	M24	26 & 27	90	4.20

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	1.00

Universele sluitringen voor flenzen

Staal 8.8 gegalvaniseerd

FLEN			€
FSLRINGM12	M12	14	0.05
FSLRINGM16	M16	18	0.15
FSLRINGM20	M20	22	0.15
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.

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Technical & Engineering Data

Length Conversion

	Metres	Inches	Feet	Millimetres	Miles	Kilometres
Metres	1	39.37	3.2808	1,000	0.0006214	0.001
Inches	0.0254	1	0.0833	25.4	0.00001578	0.0000254
Feet	0.3048	12	1	304.80	0.0001894	0.0003048
Millimetres	0.001	0.03937	0.0032808	1	0.0000006214	0.000001
Miles	1609.35	63.360	5.286	1,609,350	1	1.60935

Flow Rate Conversion

	Litres PER SECOND	Litres PER MINUTE	Cubic Metres PER HOUR	Cubic Feet PER HOUR	Gallons PER MINUTE	Imperial Gallons PER MIN.
Litres per Second	1	60	3.600	127.1	21.19	13.20
Litres per Minute	0.1667	1	0.06000	2.119	0.03532	0.2200
Cubic Metres per Hour	0.2778	16.67	1	35.31	0.5886	3.666
Cubic Feet per Hour	0.007865	0.4719	0.02832	1	0.01667	0.1038
Cubic Feet per Minute	0.4719	28.32	1.6999	60.00	1	6.229
Imperial Gallons per Minute	0.07577	4.546	0.2727	9.633	0.1606	1

Conversion Chart

1 bar = 14.5 lb/in² (PSI) °C = 5/9 (°F – 32°) °F = (9/5 °C) + 32°

Airflow	Symbol	X by	To Convert
Cubic Feet per Minute	ft ³ /min	1.699	m ³ /h
Cubic Feet per Minute	ft ³ /min	0.0283	m ³ /min
Cubic Feet per Minute	ft ³ /min	28.316	l/min
Cubic Feet per Minute	ft ³ /min	0.4719	l/s
Cubic Metre per Minute	m ³ /min	35.31	ft ³ /min
Cubic Metre per Hour	m ³ /h	0.5885	ft ³ /min
Litre per Minute	l/min	0.0353	ft ³ /min
Litre per Second	l/s	2.119	ft ³ /min
Cubic Decimetre per Second	dm ³ /s	2.119	ft ³ /min

Decimal & Millimetre Equivalents of Fractions

FRACTION	INCHES	MM	FRACTION	INCHES	MM	FRACTION	INCHES	MM
1/64	.01563	.397	25/64	.39063	9.922	49/64	.76563	19.447
1/32	.03125	.794	15/32	.40625	10.319	25/32	.78125	19.844
3/64	.04688	1.191	27/64	.42188	10.716	51/64	.79688	20.241
1/16	.06250	1.588	7/16	.43750	11.113	13/16	.81250	20.638
5/64	.07813	1.984	29/64	.45313	11.509	53/64	.82813	21.034
3/32	.09375	2.381	15/32	.46875	11.906	27/32	.84375	21.431
7/64	.10938	2.778	31/64	.48438	12.303	55/64	.85938	21.828
1/8	.12500	3.175	1/2	.50000	12.700	7/8	.87500	22.225
9/64	.14063	3.572	33/64	.51563	13.097	57/64	.89063	22.622
5/32	.15625	3.969	17/32	.53125	13.494	29/32	.90625	23.019
11/64	.17188	4.366	35/64	.54688	13.891	59/64	.92188	23.416
3/16	.18750	4.763	9/16	.56250	14.288	15/16	.93750	23.813
13/64	.20313	5.159	37/64	.57813	14.684	61/64	.95313	24.209
7/32	.21875	5.556	19/32	.59375	15.081	31/32	.96875	24.606
15/64	.23438	5.953	39/64	.60938	15.478	63/64	.98438	25.003
1/4	.25000	6.350	5/8	.62500	15.875	1	1.00000	25.400
17/64	.26563	6.747	41/64	.64063	16.272			
9/32	.28125	7.144	21/32	.65625	16.669			
19/64	.29688	7.541	43/64	.67188	17.066			
5/16	.31250	7.938	11/16	.68750	17.463			
21/64	.32813	8.334	45/64	.70313	17.859			
11/32	.34375	8.731	23/32	.71875	18.256			
23/64	.35938	9.128	47/64	.73438	18.653			
3/8	.37500	9.525	3/4	.75000	19.050			

Breed en diep assortiment

Totaalproduct



Afsluiters



Magneetventielen



Pneumatiek ventielen



Totaalproduct



Actuators



Fittingen & toebehoren



Compressoren

De grootste A-merken

Van alle markten thuis



Aims-pump



Asco-Numatics



Bürkert



CA pump



Daume



Equiflow



Genebre



Girpi Girair



GT Trevistan



Hafner



Vesta



Praher



Proportionair



Z-Tide



Valpes



EE-Malleabele



Ema



J+J



Kytola



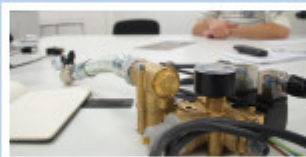
Wago



Agrarisch



Voedingsmiddelen



Machinebouw



Automotive



Petrochemie



Medisch & farmacie



aim *fluid control* sinds 1995. Als onafhankelijke specialist in het meten en regelen van diverse soorten vloeistof- en gasstromen (Flow & Fluid Technology) richt aim zich op de professionele markt. De markt met de behoefte aan standaardproducten tot aan engineeringprojecten die verregaande technische kennis vereisen op het gebied van afsluiters, magneetventielen, pneumatiek ventielen, actuators, appendages, vacuümpompen, compressoren, fittingen en toebehoren.

Vanuit het hoofdkantoor en magazijn te Son & Breugel, nabij Science Park Ekkersrijt, ontzorgt aim zijn klanten van A tot Z en biedt technische en logistieke maatwerkoplossingen middels gedegen kennis, een gedreven en persoonlijke service én een klantspecifiek voorraadbeheer.

Ontzorgend, **Betrokken** & **Verantwoordelijk**

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