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Malleabele fittingen & staal 11



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EE malleabel fitwerk



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Flenzen



malleabel fitwerk

ODLEWNIA ŻELIWA
ZAWIERCIE

DIN-DVGW-Baumusterprüfzertifikat
DIN-DVGW type examination certificate

NV-7641CL0044
Registration number

Abwandsatz
date of expiry: 08.03.2010

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

INSTITUT NAFTY I GAZU
OIL AND GAS INSTITUTE

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Tel: +48 71 4210100 Fax: +48 71 4210100

BIURO CERTYFIKACJI
CERTIFICATION OFFICE

Tel: +48 71 4210100 www.ingp.pl

CERTYFIKAT ZGODNOŚCI Nr 29/12
CERTIFICATE OF CONFORMITY

Nazwa i adres producenta: Odlewnia Żelwa S.A., 42-400 Zawiercie ul. Leśna 10

Miejscę produkcji: Odlewnia Żelwa S.A., 42-400 Zawiercie ul. Leśna 10

Nazwa wyrobu: Otwierane łączniki rurowe z żelwa ciągliwego

Typ (rodzaje): łożenka A, trójniki B i E, czwórniki C, pięćniki M i N, sześćniki U i U2, dwunastki łazienkowe U41 i U42

Przeznaczenie wyrobu: Instalacje gazowe budynków mieszkalno- usługowych wg PN-C-04750:2011

Wyniki specyficznych wymagań: PN-EN 10242:1999 + A1:2002 + A2:2005

Do produkcji dopuszczony i zbadany: 4AVGUGP-1.02

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

ZAKŁAD HIGIENY ŚRODOWISKA
DEPARTMENT OF ENVIRONMENTAL HYGIENE

24 Chłodnia 00-700 Warszawa • Phone (22) 5421334; (22) 5421349 • Fax (22) 5421297 • e-mail: wdz-zah@pzh.gov.pl

ATEST HIGIENICZNY HK/NV/0452/01/2012
HYGIENIC CERTIFICATE

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

Zawierający / containing: malleable iron, zinc coating

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

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

Wydawca / producer: Odlewnia Żelwa S.A., Zawiercie 42-400 ul. Leśna 10

Najnowszy dokument wydany na wniosek / this certificate issued for: Odlewnia Żelwa S.A., Zawiercie 42-400 ul. Leśna 10

Atest może być anulowany lub unieważniony po przedłożeniu stosownych dowodów przez kierownika służby. Niniejszy atest traci ważność po 2013-06-15 lub w przypadku zmian w recepturze albo w technologi wytwarzania wyrobu. The certificate may be corrected or cancelled after appropriate motivation. The certificate loses its validity after 2013-06-15 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
Dr Beata Kłogucka

www.pzh.gov.pl

BUREAU VERITAS
Certification

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

Bureau Veritas Certification certify that the Management System of the above organization 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

Further clarifications 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

Certification Number: PL004028P

PCA
Prestige System
Certification
INTERNATIONAL
ACCREDITED
AC 081
OHS, EMS,
BSP

EE® whiteheart malleabel fitwerk

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

Toepassingen:

Persluchtssystemen, 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

WHITEHEART MALLEABLE
CAST IRON FITTINGS EE BRAND

EE
1886

ODLEWNIA ŻELIWA
ZAWIERCIE


www.eeodlewnia.pl




1-Bocht 90° male / female



Zwart - BSPT male/BSP female

6700		€
46101313Z	1/4"	2.05
46101717Z	3/8"	2.50
46102121Z	1/2"	2.25
46102727Z	3/4"	3.90
46103232Z	1"	5.40
46104242Z	1.1/4"	9.40
46104848Z	1.1/2"	12.40
46106060Z	2"	20.20
46107676Z	2.1/2"	44.05
46108989Z	3"	57.00


Verzinkt - BSPT male/BSP female

6700		€
46101313	1/4"	2.60
46101717	3/8"	3.20
46102121	1/2"	2.80
46102727	3/4"	4.95
46103232	1"	6.75
46104242	1.1/4"	11.50
46104848	1.1/2"	15.40
46106060	2"	24.90
46107676	2.1/2"	54.70
46108989	3"	70.80
46100114	4"	128.20


2-Bocht 90° female



Zwart - BSP female

6700		€
46092121Z	1/2"	2.50
46092727Z	3/4"	4.00
46093232Z	1"	5.45
46094242Z	1.1/4"	9.40
46094848Z	1.1/2"	11.60
46096060Z	2"	16.10


Verzinkt - BSP female

6700		€
46092121	1/2"	3.20
46092727	3/4"	5.00
46093232	1"	6.75
46094242	1.1/4"	11.60
46094848	1.1/2"	14.35
46096060	2"	19.95
46097676	2.1/2"	55.50
46098989	3"	69.70
46090114	4"	132.35

3-Bocht 90° male




Verzinkt - BSPT male

6700		€
45032121	1/2"	4.60
45032727	3/4"	5.10
45033232	1"	7.30

40-Bocht 45° male / female




Verzinkt - BSPT male/BSP female

6700		€
48101313	1/4"	3.75
48101717	3/8"	3.45
48102121	1/2"	3.20
48102727	3/4"	4.30
48103232	1"	6.10
48104242	1.1/4"	10.80
48104848	1.1/2"	12.80
48106060	2"	20.20
48107676	2.1/2"	43.95
48108989	3"	48.15
48100114	4"	108.90


41-Bocht 45° female



Zwart - BSP female

6700		€
48094242Z	1.1/4"	8.85
48094848Z	1.1/2"	11.80
48096060Z	2"	16.60


Verzinkt - BSP female

6700		€
48092121	1/2"	3.75
48092727	3/4"	4.80
48093232	1"	6.10
48094242	1.1/4"	10.95
48094848	1.1/2"	14.45
48096060	2"	20.35
48097676	2.1/2"	40.45
48098989	3"	51.50


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"	1.95
45094242Z	1.1/4"	3.65
45094848Z	1.1/2"	6.10
45096060Z	2"	7.05
45097676Z	2.1/2"	20.20
45098989Z	3"	27.70
45090114Z	4"	44.25


Verzinkt - BSP female

6700		€
45091313	1/4"	1.75
45091717	3/8"	1.40
45092121	1/2"	1.30
45092727	3/4"	1.70
45093232	1"	2.35
45094242	1.1/4"	4.50
45094848	1.1/2"	7.55
45096060	2"	8.75
45097676	2.1/2"	25.10
45098989	3"	34.40
45090114	4"	60.50


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"	1.60
45103232Z	1"	2.50
45104242Z	1.1/4"	4.30
45104848Z	1.1/2"	6.50
45106060Z	2"	8.50
45107676Z	2.1/2"	20.90
45108989Z	3"	27.45


Verzinkt - BSPT male/BSP female

6700		€
45101313	1/4"	1.85
45101717	3/8"	1.70
45102121	1/2"	1.30
45102727	3/4"	1.95
45103232	1"	3.20
45104242	1.1/4"	5.40
45104848	1.1/2"	8.10
45106060	2"	10.70
45107676	2.1/2"	25.85
45108989	3"	34.05
45100114	4"	60.65


96-Driedelige knie conisch dichtend female



Zwart - BSP female

6700		€
49092121Z	1/2"	5.45
49092727Z	3/4"	6.25
49093232Z	1"	9.10
49094242Z	1.1/4"	15.25
49094848Z	1.1/2"	17.90
49096060Z	2"	30.25


Verzinkt - BSP female

6700		€
49091717	3/8"	8.30
49092121	1/2"	6.90
49092727	3/4"	7.75
49093232	1"	11.30
49094242	1.1/4"	18.80
49094848	1.1/2"	22.15
49096060	2"	37.40


98-Driedelige knie conisch dichtend male / female



Zwart - BSPT male/BSP female

6700		€
49102727Z	3/4"	7.00
49103232Z	1"	9.70
49104242Z	1.1/4"	16.00
49104848Z	1.1/2"	19.75
49106060Z	2"	32.05

Verzinkt - BSPT male/BSP female

6700		€
49101717	3/8"	7.35
49102121	1/2"	6.90
49102727	3/4"	8.50
49103232	1"	11.95
49104242	1.1/4"	19.85
49104848	1.1/2"	24.35
49106060	2"	39.75

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Slangen
Compressoren


Malleabel fitwerk

130-Tee female


Tech Data
20530



Zwart - BSP female

6700		€
45121313Z	1/4"	1.95
45121717Z	3/8"	1.70
45122121Z	1/2"	1.15
45122727Z	3/4"	1.95
45123232Z	1"	2.70
45124242Z	1.1/4"	5.00
45124848Z	1.1/2"	7.85
45126060Z	2"	11.15
45127676Z	2.1/2"	24.60
45128989Z	3"	33.20
45120114Z	4"	63.70

Verzinkt - BSP female


6700		€
45121313	1/4"	2.35
45121717	3/8"	2.05
45122121	1/2"	1.60
45122727	3/4"	2.35
45123232	1"	3.65
45124242	1.1/4"	6.15
45124848	1.1/2"	9.80
45126060	2"	13.65
45127676	2.1/2"	30.60
45128989	3"	40.95
45120114	4"	78.95

130-Verloop tee female


Tech Data
20530



Zwart - BSP female

6700		€
46211321Z	1/2"-1/4"-1/2"	2.60
46212721Z	1/2"-3/4"-1/2"	2.30
46271327Z	3/4"-1/4"-3/4"	3.65
46272121Z	3/4"-1/2"-1/2"	2.25
46272721Z	3/4"-3/4"-1/2"	2.45
46322132Z	1"-1/2"-1"	2.60
46423242Z	1.1/4"-1"-1.1/4"	5.40
46482748Z	1.1/2"-3/4"-1.1/2"	6.40
46483248Z	1.1/2"-1"-1.1/2"	7.00
46484248Z	1.1/2"-1.1/4"-1.1/2"	9.40
46602160Z	2"-1/2"-2"	8.75
46602760Z	2"-3/4"-2"	11.50
46603260Z	2"-1"-2"	8.95
46604260Z	2"-1.1/4"-2"	11.30
46604860Z	2"-1.1/2"-2"	13.15


Verzinkt - BSP female

6700		€
46211321	1/2"-1/4"-1/2"	3.45
46212721	1/2"-3/4"-1/2"	2.95
46271327	3/4"-1/4"-3/4"	4.50
46271727	3/4"-3/8"-3/4"	3.30
46272127	3/4"-1/2"-3/4"	2.35
46321732	1"-3/8"-1"	5.50
46322132	1"-1/2"-1"	3.30
46322732	1"-3/4"-1"	3.55
46323221	1"-1"-1/2"	4.35
46324832	1"-1.1/2"-1"	10.10
46422142	1.1/4"-1/2"-1.1/4"	5.55
46422742	1.1/4"-3/4"-1"	7.30
46422742	1.1/4"-3/4"-1.1/4"	5.95
46482148	1.1/2"-1/2"-1.1/2"	7.55
46482748	1.1/2"-3/4"-1.1/2"	7.95
46483242	1.1/2"-1"-1.1/4"	9.80
46483248	1.1/2"-1"-1.1/2"	8.85
46484248	1.1/2"-1.1/4"-1.1/2"	11.60
46486048	1.1/2"-2"-1.1/2"	16.00
46602160	2"-1/2"-2"	10.80
46602760	2"-3/4"-2"	14.15
46603260	2"-1"-2"	11.15
46604260	2"-1.1/4"-2"	14.15
46604860	2"-1.1/2"-2"	16.40
46762776	2.1/2"-3/4"-2.1/2"	22.65
46764876	2.1/2"-1.1/2"-2.1/2"	26.35
46766076	2.1/2"-2"-2.1/2"	29.75
46894889	3"-1.1/2"-3"	41.60
46896089	3"-2"-3"	38.40
46897689	3"-2.1/2"-3"	45.80

165-Tee 45° female



Verzinkt - BSP female


6700		€
48122121	1/2"	8.10
48122727	3/4"	9.40
48123232	1"	14.00
48124242	1.1/4"	17.30
48124848	1.1/2"	23.35

180-Kruissok female


Tech Data
20531



Zwart - BSP female

6700		€
45322121Z	1/2"	3.80
45322727Z	3/4"	5.85
45323232Z	1"	7.10

Verzinkt - BSP female


6700		€
45321717	3/8"	5.20
45322121	1/2"	5.00
45322727	3/4"	7.55
45323232	1"	9.50
45324242	1.1/4"	12.50
45324848	1.1/2"	16.90
45326060	2"	24.90

221-Knie met zijspuitstuk female

Tech Data
20532



Verzinkt - BSP female

6700		€
49991717	3/8"	6.10
49992121	1/2"	4.50
49992727	3/4"	7.05
49993232	1"	9.60

Malleabel fitwerk

240-Verloopsok female

Tech Data
20533



Verzinkt - BSP female

6700



45071713	3/8"-1/4"	2.00
45072113	1/2"-1/4"	2.05
45072117	1/2"-3/8"	1.80
45072717	3/4"-3/8"	2.40
45072721	3/4"-1/2"	2.05
45073217	1"-3/8"	3.30
45073221	1"-1/2"	2.50
45073227	1"-3/4"	2.30
45074221	1.1/4"-1/2"	4.85
45074232	1.1/4"-1"	4.30
45074821	1.1/2"-1/2"	7.55
45074827	1.1/2"-3/4"	6.75
45074832	1.1/2"-1"	5.10
45074842	1.1/2"-1.1/4"	5.70
45076021	2"-1/2"	10.35
45076027	2"-3/4"	10.80
45076032	2"-1"	10.10
45076042	2"-1.1/4"	8.85
45076048	2"-1.1/2"	8.30
45077632	2.1/2"-1"	20.35
45077660	2.1/2"-2"	22.90
45078960	3"-2"	35.65
45078976	3"-2.1/2"	40.45
45711460	4"-2"	61.40
45711489	4"-3"	65.90

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"	1.95
45043221Z	1"-1/2"	1.30
45043227Z	1"-3/4"	1.15
45044221Z	1.1/4"-1/2"	2.25
45044227Z	1.1/4"-3/4"	1.95
45044232Z	1.1/4"-1"	1.35
45044827Z	1.1/2"-3/4"	2.95
45044832Z	1.1/2"-1"	2.05
45044842Z	1.1/2"-1.1/4"	2.15
45046021Z	2"-1/2"	5.70
45046027Z	2"-3/4"	5.55
45046032Z	2"-1"	4.60
45046042Z	2"-1.1/4"	4.30
45046048Z	2"-1.1/2"	4.00

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"	1.90
45042717	3/4"-3/8"	1.40
45042721	3/4"-1/2"	1.15
45043217	1"-3/8"	2.30
45043221	1"-1/2"	1.65
45043227	1"-3/4"	1.40
45044217	1.1/4"-3/8"	4.35
45044221	1.1/4"-1/2"	2.70
45044227	1.1/4"-3/4"	2.30
45044232	1.1/4"-1"	1.70
45044821	1.1/2"-1/2"	3.45
45044827	1.1/2"-3/4"	3.75
45044832	1.1/2"-1"	2.50
45044842	1.1/2"-1.1/4"	2.60
45046021	2"-1/2"	7.05
45046027	2"-3/4"	6.90
45046032	2"-1"	5.70
45046042	2"-1.1/4"	5.40
45046048	2"-1.1/2"	4.95
45047632	2.1/2"-1"	10.95
45047642	2.1/2"-1.1/4"	12.80
45047648	2.1/2"-1.1/2"	12.15
45047660	2.1/2"-2"	9.25
45048932	3"-1"	17.25
45048948	3"-1.1/2"	16.00
45048960	3"-2"	12.05
45048976	3"-2.1/2"	13.65
45411460	4"-2"	34.55
45411476	4"-2.1/2"	25.65
45411489	4"-3"	24.60

245-Verloopnippel male

Tech Data
20535



Zwart - BSPT male

6700



45021713Z	3/8"-1/4"	1.65
45022113Z	1/2"-1/4"	2.25
45022117Z	1/2"-3/8"	1.95
45022717Z	3/4"-3/8"	3.30
45022721Z	3/4"-1/2"	1.70
45023221Z	1"-1/2"	3.45
45023227Z	1"-3/4"	1.95
45024232Z	1.1/4"-1"	3.20
45024832Z	1.1/2"-1"	7.10
45024842Z	1.1/2"-1.1/4"	3.80
45026032Z	2"-1"	6.40
45026042Z	2"-1.1/4"	8.10
45026048Z	2"-1.1/2"	7.45

Verzinkt - BSPT male

6700



45021713	3/8"-1/4"	2.05
45022113	1/2"-1/4"	2.70
45022117	1/2"-3/8"	2.30
45022717	3/4"-3/8"	4.20
45022721	3/4"-1/2"	2.15
45023221	1"-1/2"	4.20
45023227	1"-3/4"	2.30
45024221	1.1/4"-1/2"	6.45
45024227	1.1/4"-3/4"	5.50
45024232	1.1/4"-1"	3.80
45024827	1.1/2"-3/4"	5.50
45024832	1.1/2"-1"	8.95
45024842	1.1/2"-1.1/4"	4.80
45026032	2"-1"	7.95
45026042	2"-1.1/4"	10.10
45026048	2"-1.1/2"	9.10
45027648	2.1/2"-1.1/2"	13.45
45027660	2.1/2"-2"	22.65
45028960	3"-2"	27.55
45028976	3"-2.1/2"	34.15

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246-Verloop soknippel

Tech Data
20536



Verzinkt - BSP
female/BSPT male

6700		€
45081713	3/8"-1/4"	1.90
45082113	1/2"-1/4"	2.25
45082117	1/2"-3/8"	2.00
45082717	3/4"-3/8"	3.20
45082721	3/4"-1/2"	2.05
45083221	1"-1/2"	3.20
45083227	1"-3/4"	3.45
45084227	1.1/4"-3/4"	6.10
45084232	1.1/4"-1"	3.80
45084832	1.1/2"-1"	7.20
45084842	1.1/2"-1.1/4"	6.25
45086042	2"-1.1/4"	10.25
45086048	2"-1.1/2"	10.80

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"	1.65
45064242Z	1.1/4"	2.60
45064848Z	1.1/2"	3.65
45066060Z	2"	5.70

Verzinkt - BSP female

6700		€
45061313	1/4"	1.70
45061717	3/8"	1.40
45062121	1/2"	1.30
45062727	3/4"	1.65
45063232	1"	2.05
45064242	1.1/4"	3.30
45064848	1.1/2"	4.70
45066060	2"	7.05
45067676	2.1/2"	19.30
45068989	3"	23.25
45060114	4"	53.35

280-Dubbele nippel male

Tech Data
20535



Zwart - BSPT male

6700		€
45001313Z	1/4"	1.35
45001717Z	3/8"	1.65
45002121Z	1/2"	0.85
45002727Z	3/4"	1.15
45003232Z	1"	1.60
45004242Z	1.1/4"	2.60
45004848Z	1.1/2"	3.20
45006060Z	2"	5.70
45007676Z	2.1/2"	9.95
45008989Z	3"	11.95

Verzinkt - BSPT male

6700		€
45001313	1/4"	1.70
45001717	3/8"	2.00
45002121	1/2"	1.30
45002727	3/4"	1.40
45003232	1"	2.00
45004242	1.1/4"	3.30
45004848	1.1/2"	3.80
45006060	2"	7.05
45007676	2.1/2"	12.15
45008989	3"	14.75
45000114	4"	53.20

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"	2.25
45264800Z	1.1/2"	2.80
45266000Z	2"	5.10
45267600Z	2.1/2"	9.50
45268900Z	3"	10.35
45261140Z	4"	22.40

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"	1.90
45184800Z	1.1/2"	2.25
45186000Z	2"	4.05
45187600Z	2.1/2"	8.50
45188900Z	3"	11.15
45181140Z	4"	19.15

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"	2.25
45184800	1.1/2"	2.70
45186000	2"	5.10
45187600	2.1/2"	10.70
45188900	3"	13.65
45181140	4"	24.15

Verzinkt - BSP female

6700		€
45261300	1/4"	1.30
45261700	3/8"	1.30
45262100	1/2"	1.35
45262700	3/4"	1.65
45263200	1"	1.85
45264200	1.1/4"	2.80
45264800	1.1/2"	3.50
45266000	2"	6.50
45267600	2.1/2"	11.90
45268900	3"	12.90
45261140	4"	27.90

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310-Sluitmoer zeskant

Tech Data
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Verzinkt - BSP female

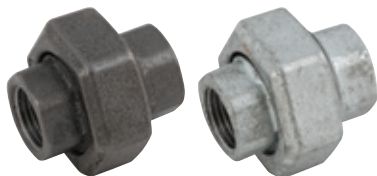
6700



45301700	3/8"	1.30
45302100	1/2"	0.95
45302700	3/4"	1.00
45303200	1"	1.35
45304200	1.1/4"	2.15
45304800	1.1/2"	2.35
45306000	2"	4.95

340-Driedelige koppeling conisch dichtend female

Tech Data
20538



Zwart - BSP female

6700



46061717Z	3/8"	4.95
46062121Z	1/2"	4.60
46062727Z	3/4"	4.80
46063232Z	1"	5.55
46064242Z	1.1/4"	9.10
46064848Z	1.1/2"	10.70
46066060Z	2"	17.80
46067676Z	2.1/2"	38.65
46068989Z	3"	47.25

Verzinkt - BSP female

6700



46061717	3/8"	6.10
46062121	1/2"	5.80
46062727	3/4"	6.05
46063232	1"	6.90
46064242	1.1/4"	11.50
46064848	1.1/2"	13.45
46066060	2"	22.15
46067676	2.1/2"	47.75
46068989	3"	65.75
46061140	4"	132.35

341-Driedelige koppeling conisch dichtend male / female

Tech Data
20539



Zwart - BSPT male/BSP female

6700



47081717Z	3/8"	4.30
47082121Z	1/2"	4.15
47082727Z	3/4"	5.00
47083232Z	1"	6.15
47084242Z	1.1/4"	9.80
47084848Z	1.1/2"	12.60
47086060Z	2"	19.85
47087676Z	2.1/2"	42.15
47088989Z	3"	65.90

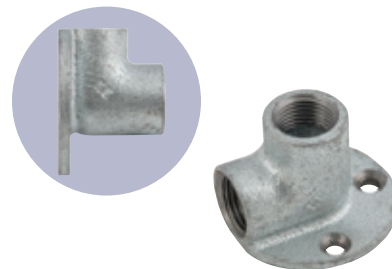
Verzinkt - BSPT male/BSP female

6700



47081717	3/8"	5.40
47082121	1/2"	5.40
47082727	3/4"	6.60
47083232	1"	7.75
47084242	1.1/4"	12.05
47086060	2"	24.35
47084848	1.1/2"	15.40
47087676	2.1/2"	52.10
47088989	3"	81.55
47080114	4"	146.55

471-Muurplaat female



Verzinkt - BSP female

6700



45472121	1/2"	6.15
45472727	3/4"	12.10

529A-Soknippel male / female



Verzinkt - BSPT male/BSP female

6700



46082121	1/2"	2.15
46082727	3/4"	3.00
46083232	1"	4.80

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Compressoren

Pijpnippels - staal

23-Pijpnippel male - zwart



DIN 2982 - BSPT male

MALZ			€	MALZ			€	MALZ			€
45313040Z	1/4"	40	1.95	45327060Z	3/4"	60	1.15	45348180Z	1,1/2"	180	4.85
45313060Z	1/4"	60	2.30	45327080Z	3/4"	80	1.45	45348200Z	1,1/2"	200	5.25
45313080Z	1/4"	80	2.55	45327100Z	3/4"	100	1.75	45348250Z	1,1/2"	250	6.55
45313100Z	1/4"	100	2.75	45327120Z	3/4"	120	1.95	45348300Z	1,1/2"	300	7.55
45313120Z	1/4"	120	3.20	45327150Z	3/4"	150	2.05	45360080Z	2"	80	4.60
45313150Z	1/4"	150	3.90	45327180Z	3/4"	180	2.45	45360100Z	2"	100	4.95
45313180Z	1/4"	180	5.00	45327200Z	3/4"	200	2.70	45360120Z	2"	120	5.25
45313200Z	1/4"	200	5.60	45327250Z	3/4"	250	3.10	45360150Z	2"	150	6.00
45313250Z	1/4"	250	6.35	45327300Z	3/4"	300	3.75	45360180Z	2"	180	6.75
45313300Z	1/4"	300	7.25	45332040Z	1"	40	1.45	45360200Z	2"	200	7.20
45317030Z	3/8"	30	1.95	45332060Z	1"	60	1.50	45360250Z	2"	250	9.25
45317040Z	3/8"	40	1.75	45332080Z	1"	80	1.85	45360300Z	2"	300	10.85
45317060Z	3/8"	60	1.95	45332100Z	1"	100	2.05	45376100Z	2,1/2"	100	8.90
45317080Z	3/8"	80	2.05	45332120Z	1"	120	2.25	45376120Z	2,1/2"	120	9.50
45317100Z	3/8"	100	2.25	45332150Z	1"	150	2.55	45376150Z	2,1/2"	150	11.05
45317120Z	3/8"	120	2.45	45332180Z	1"	180	3.20	45376180Z	2,1/2"	180	11.90
45317150Z	3/8"	150	3.00	45332200Z	1"	200	3.90	45376200Z	2,1/2"	200	13.10
45317180Z	3/8"	180	3.50	45332250Z	1"	250	4.15	45376250Z	2,1/2"	250	16.30
45317200Z	3/8"	200	4.15	45332300Z	1"	300	5.00	45376300Z	2,1/2"	300	18.25
45317250Z	3/8"	250	5.10	45342060Z	1,1/4"	60	2.40	45389100Z	3"	100	11.90
45317300Z	3/8"	300	6.00	45342080Z	1,1/4"	80	2.45	45389120Z	3"	120	13.00
45321030Z	1/2"	30	2.05	45342100Z	1,1/4"	100	2.55	45389150Z	3"	150	14.55
45321040Z	1/2"	40	0.95	45342120Z	1,1/4"	120	2.70	45389180Z	3"	180	15.65
45321060Z	1/2"	60	1.05	45342150Z	1,1/4"	150	3.20	45389200Z	3"	200	16.80
45321080Z	1/2"	80	1.15	45342180Z	1,1/4"	180	4.00	45389250Z	3"	250	19.70
45321100Z	1/2"	100	1.40	45342200Z	1,1/4"	200	5.10	45389300Z	3"	300	21.50
45321120Z	1/2"	120	1.45	45342250Z	1,1/4"	250	5.75	45314100Z	4"	100	18.55
45321150Z	1/2"	150	1.95	45342300Z	1,1/4"	300	6.35	45314120Z	4"	120	19.60
45321180Z	1/2"	180	2.30	45348060Z	1,1/2"	60	2.70	45314150Z	4"	150	21.80
45321200Z	1/2"	200	2.35	45348080Z	1,1/2"	80	2.75	45314180Z	4"	180	24.05
45321250Z	1/2"	250	2.70	45348100Z	1,1/2"	100	3.10	45314200Z	4"	200	27.10
45321300Z	1/2"	300	3.10	45348120Z	1,1/2"	120	3.35	45314250Z	4"	250	29.55
45327040Z	3/4"	40	1.05	45348150Z	1,1/2"	150	4.00	45314300Z	4"	300	36.00

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Pijpnippels - staal

23-Pijpnippel male - verzinkt



DIN 2982 - BSPT male

MALF			€	MALF			€	MALF			€
45311060	1/8"	60	2.85	45327040	3/4"	40	1.40	45348180	1,1/2"	180	5.45
45311080	1/8"	80	3.30	45327060	3/4"	60	1.40	45348200	1,1/2"	200	6.00
45313040	1/4"	40	2.05	45327080	3/4"	80	1.50	45348250	1,1/2"	250	7.55
45313060	1/4"	60	2.40	45327100	3/4"	100	1.75	45348300	1,1/2"	300	8.75
45313080	1/4"	80	2.70	45327120	3/4"	120	2.05	45360080	2"	80	4.95
45313100	1/4"	100	3.10	45327150	3/4"	150	2.35	45360100	2"	100	5.45
45313120	1/4"	120	3.55	45327180	3/4"	180	2.75	45360120	2"	120	5.75
45313150	1/4"	150	4.25	45327200	3/4"	200	3.05	45360150	2"	150	6.45
45313180	1/4"	180	4.95	45327250	3/4"	250	3.45	45360180	2"	180	7.55
45313200	1/4"	200	5.75	45327300	3/4"	300	4.60	45360200	2"	200	8.50
45313250	1/4"	250	6.55	45332040	1"	40	1.75	45360250	2"	250	10.45
45313300	1/4"	300	7.20	45332060	1"	60	1.85	45360300	2"	300	12.20
45317030	3/8"	30	1.95	45332080	1"	80	2.05	45376100	2,1/2"	100	9.90
45317040	3/8"	40	1.95	45332100	1"	100	2.40	45376120	2,1/2"	120	10.35
45317060	3/8"	60	2.05	45332120	1"	120	2.50	45376150	2,1/2"	150	12.20
45317080	3/8"	80	2.25	45332150	1"	150	2.85	45376180	2,1/2"	180	13.10
45317100	3/8"	100	2.40	45332180	1"	180	3.65	45376200	2,1/2"	200	14.45
45317120	3/8"	120	2.70	45332200	1"	200	4.15	45376250	2,1/2"	250	17.60
45317150	3/8"	150	3.20	45332250	1"	250	4.95	45376300	2,1/2"	300	20.10
45317180	3/8"	180	3.75	45332300	1"	300	5.90	45389100	3"	100	13.00
45317200	3/8"	200	4.60	45342060	1,1/4"	60	2.45	45389120	3"	120	14.00
45317250	3/8"	250	5.50	45342080	1,1/4"	80	2.50	45389150	3"	150	15.25
45317300	3/8"	300	7.00	45342100	1,1/4"	100	2.70	45389180	3"	180	17.05
45321030	1/2"	30	2.05	45342120	1,1/4"	120	2.85	45389200	3"	200	19.10
45321040	1/2"	40	1.00	45342150	1,1/4"	150	3.65	45389250	3"	250	22.75
45321060	1/2"	60	1.30	45342180	1,1/4"	180	4.60	45389300	3"	300	25.85
45321080	1/2"	80	1.40	45342200	1,1/4"	200	5.10	45314100	4"	100	19.30
45321100	1/2"	100	1.45	45342250	1,1/4"	250	6.40	45314120	4"	120	21.70
45321120	1/2"	120	1.75	45342300	1,1/4"	300	7.25	45314150	4"	150	24.80
45321150	1/2"	150	2.05	45348060	1,1/2"	60	2.75	45314180	4"	180	27.10
45321180	1/2"	180	2.50	45348080	1,1/2"	80	3.00	45314200	4"	200	29.45
45321200	1/2"	200	2.75	45348100	1,1/2"	100	3.20	45314250	4"	250	31.95
45321250	1/2"	250	3.20	45348120	1,1/2"	120	3.50	45314300	4"	300	38.80
45321300	1/2"	300	3.65	45348150	1,1/2"	150	4.50				

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Lasfittingsen

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	2.60
45192700Z	3/4"	26,9	2,3	2.65
45193200Z	1"	33,7	2,6	3.05
45194200Z	1.1/4"	42,4	2,6	3.55
45194800Z	1.1/2"	48,3	2,6	4.35
45196000Z	2"	60,3	2,9	7.00
45197600Z	2.1/2"	76,1	2,9	9.60
45198600Z	3"	88,9	3,2	14.00
45198700Z	101	101,6	3,6	22.75
45198900Z	108	108,0	3,6	23.60
45191140Z	4"	114,3	3,6	24.80

Lasbocht 45°



Zwart DIN 2605 (Staal 37.0.S)

MALZ		OD mm	mm	€
46192100Z	1/2"	21,3	2,0	4.00
46192700Z	3/4"	26,9	2,3	4.00
46193200Z	1"	33,7	2,6	4.15
46194200Z	1.1/4"	42,4	2,6	4.95
46194800Z	1.1/2"	48,3	2,6	6.15
46194900Z	51	51,0	2,6	8.15
46196000Z	2"	60,3	2,9	9.45
46197600Z	2.1/2"	76,1	2,9	13.75
46198600Z	3"	88,9	3,2	19.35
46191140Z	4"	114,3	3,6	34.05

Lassok egaal



Female - DIN 2986 (Staal 37.0.S)

MALZ		OD mm	L mm	€
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	2.25
45164200Z	1.1/4"	48,7	48	2.85
45164800Z	1.1/2"	55,3	48	3.50
45166000Z	2"	66,2	56	5.25
45167600Z	2.1/2"	82,6	65	9.05
45168900Z	3"	95,5	71	13.45
45161140Z	4"	122,0	83	22.95

Sokken

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Snel-
koppelingen

Afsluiters

Roestvast
staal

Fittingen

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Pneumatiek

Diversen

Malleabele
fittingen
& staal

Ringleiding-
systemen

Slangen

Compressoren

Gesmede sok egaal



Gegalvaniseerd - BSP female

MALF	BSPP	€
MIWRSG-18	1/8"	1.45
MIWRSG-14	1/4"	1.65
MIWRSG-38	3/8"	1.85
MIWRSG-12	1/2"	1.95
MIWRSG-34	3/4"	2.20
MIWRSG-1	1"	3.65
MIWRSG-114	1.1/4"	5.70
MIWRSG-112	1.1/2"	6.10
MIWRSG-2	2"	9.55
MIWRSG-212	2.1/2"	26.90
MIWRSG-3	3"	43.80
MIWRSG-4	4"	69.35

Zwart - BSP female



MALF	BSPP	€
MIWRSB-18N	1/8"	1.30
MIWRSB-14N	1/4"	1.45
MIWRSB-38N	3/8"	1.65
MIWRSB-12N	1/2"	1.75
MIWRSB-34N	3/4"	2.20
MIWRSB-1N	1"	3.50
MIWRSB-114N	1.1/4"	5.05
MIWRSB-112N	1.1/2"	7.00
MIWRSB-2N	2"	10.30
MIWRSB-212N	2.1/2"	14.55
MIWRSB-3N	3"	22.80
MIWRSB-4N	4"	38.20

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	31.15
9700021	1/2"	2.65	21.3	34.65
9700027	3/4"	2.65	26.9	43.20
9700032	1"	3.25	33.7	66.85
9700042	1.1/4"	3.25	42.4	85.50
9700048	1.1/2"	3.25	48.3	98.25
9700060	2"	3.65	60.3	138.80
9700076	2.1/2"	3.65	76.1	191.85
9700089	3"	4.05	88.9	230.75
9700114	4"	4.5	114.3	337.10

BSPT draadeinden - 6 meter lengte - DIN 2440

GASB				€
9710021	1/2"	2.6	21.3	35.25
9710027	3/4"	2.6	26.9	43.90
9710032	1"	3.2	33.7	68.00
9710042	1.1/4"	3.2	42.4	87.10
9710048	1.1/2"	3.2	48.3	100.30
9710060	2"	3.6	60.3	141.30
9710076	2.1/2"	3.6	76.1	180.65
9710089	3"	4	88.9	235.00



Voor

hydrauliebuis



...zie hoofdstuk 2

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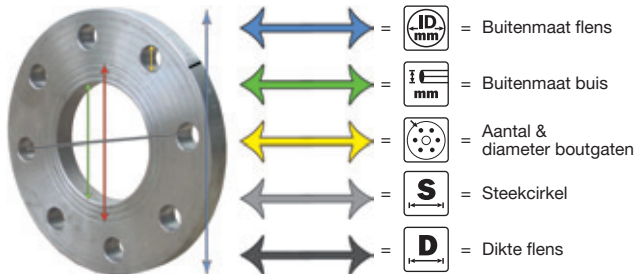
Malleabele
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Compressoren

Flenzen - staal



- = Buitenmaat flens
- = Buitenmaat buis
- = Aantal & diameter boutgaten
- = Steekcirkel
- = Dikte flens

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		ID (mm)	i (mm)		€
DN15-DF16B-12	65	14	1/2"	95	21,3	4 x 14mm	5.15
DN20-DF16B-34	75	16	3/4"	105	26,9	4 x 14mm	6.30
DN25-DF16B-1	85	16	1"	115	33,7	4 x 14mm	7.65
DN32-DF16B-114	100	16	1.1/4"	140	42,4	4 x 18mm	10.70
DN40-DF16B-112	110	16	1.1/2"	150	48,3	4 x 18mm	13.00
DN50-DF16B-2	125	18	2"	165	60,3	4 x 18mm	16.80
DN65-DF16B-212	145	18	2.1/2"	185	76,1	8 x 18mm	19.95
DN80-DF16B-3	160	20	3"	200	88,9	8 x 18mm	23.95
DN100-DF16B-4	180	20	4"	220	114,3	8 x 18mm	28.55



Zwart - DIN 2566 ST37 - 16 bar

FLEN	S	D		ID (mm)	i (mm)		€
DN15-DF16B-12Z	65	14	1/2"	95	21,3	4 x 14mm	4.95
DN20-DF16B-34Z	75	16	3/4"	105	26,9	4 x 14mm	6.10
DN25-DF16B-1Z	85	16	1"	115	33,7	4 x 14mm	7.10
DN32-DF16B-114Z	100	16	1.1/4"	140	42,4	4 x 18mm	10.55
DN40-DF16B-112Z	110	16	1.1/2"	150	48,3	4 x 18mm	11.90
DN50-DF16B-2Z	125	18	2"	165	60,3	4 x 18mm	13.40
DN65-DF16B-212Z	145	18	2.1/2"	185	76,1	8 x 18mm	18.00
DN80-DF16B-3Z	160	20	3"	200	88,9	8 x 18mm	22.25
DN100-DF16B-4Z	180	20	4"	220	114,3	8 x 18mm	25.30

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		ID (mm)		€
DN015-VLF021-16	65	14	95	21,3	4 x 14mm	3.80
DN020-VLF026-16	75	16	105	26,9	4 x 14mm	6.10
DN025-VLF033-16	85	16	115	33,7	4 x 14mm	6.90
DN032-VLF042-16	100	16	140	42,4	4 x 18mm	10.35
DN040-VLF048-16	110	16	150	48,3	4 x 18mm	10.70
DN050-VLF060-16	125	18	165	60,3	4 x 18mm	17.00
DN065-VLF076-16	145	18	185	76,1	8 x 18mm	17.75
DN080-VLF088-16	160	20	200	88,9	8 x 18mm	20.30
DN100-VLF114-16	180	20	220	114,3	8 x 18mm	25.85
DN125-VLF139-16	210	22	250	139,7	8 x 18mm	34.45
DN150-VLF168-16	240	22	285	168,3	8 x 22mm	46.90
DN200-VLF219-16	295	24	340	219,1	12 x 22mm	68.60

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		ID (mm)	i (mm)		€
DN015-SLF021-16	65	14	16	95	21,3	4 x 14mm	3.30
DN020-SLF026-16	75	16	16	105	26,9	4 x 14mm	4.60
DN025-SLF033-16	85	16	16	115	33,7	4 x 14mm	5.45
DN032-SLF042-16	100	16	16	140	42,4	4 x 18mm	8.95
DN040-SLF048-16	110	16	16	150	48,3	4 x 18mm	10.25
DN050-SLF060-16	125	18	16	165	60,3	4 x 18mm	13.45
DN065-SLF076-16	145	18	16	185	76,1	8 x 18mm	15.60
DN080-SLF088-16	160	20	16	200	88,9	8 x 18mm	17.80
DN100-SLF114-16	180	20	16	220	114,3	8 x 18mm	21.60
DN125-SLF139-16	210	22	16	250	139,7	8 x 18mm	26.80
DN150-SLF168-16	240	22	16	285	168,3	8 x 22mm	35.15
DN200-SLF219-16	295	24	16	340	219,1	12 x 22mm	47.90

Staal EN1092-1 ST37,2 - 10 bar

FLEN	S	D		ID (mm)	i (mm)		€
DN080-SLF088-10	160	20	10	200	88,9	4 x 18mm	18.65
DN200-SLF219-10	295	24	10	340	219,1	8 x 22mm	45.65
DN250-SLF273-10	350	26	10	395	273,0	12 x 22mm	62.80
DN300-SLF323-10	400	26	10	445	323,9	12 x 22mm	71.60
DN350-SLF355-10	460	28	10	505	355,6	16 x 22mm	114.30
DN400-SLF406-10	515	32	10	565	406,4	16 x 26mm	145.70
DN450-SLF457-10	565	26	10	615	457,0	20 x 27mm	180.05
DN500-SLF508-10	620	26	10	670	508,0	20 x 27mm	213.40

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	4.00
DN020-BF-16	75	16	16	105	4 x 14mm	5.15
DN025-BF-16	85	16	16	115	4 x 14mm	6.50
DN032-BF-16	100	16	16	140	4 x 18mm	9.00
DN040-BF-16	110	16	16	150	4 x 18mm	10.15
DN050-BF-16	125	18	16	165	4 x 18mm	14.55
DN065-BF-16	145	18	16	185	8 x 18mm	19.55
DN080-BF-16	160	20	16	200	8 x 18mm	21.80
DN100-BF-16	180	20	16	220	8 x 18mm	28.35
DN125-BF-16	210	22	16	250	8 x 18mm	45.75
DN150-BF-16	240	22	16	285	8 x 22mm	59.00



Staal EN1092-5 ST37 - 10 bar

FLEN	S	D	bar	ID mm		€
DN080-BF-10	160	20	10	200	4 x 18mm	21.80
DN200-BF-10	295	24	10	340	8 x 22mm	154.60
DN250-BF-10	350	26	10	395	12 x 22mm	225.70
DN300-BF-10	400	26	10	445	12 x 22mm	288.50
DN350-BF-10	460	26	10	505	16 x 22mm	394.05
DN400-BF-10	515	26	10	565	16 x 26mm	491.65
DN450-BF-10	565	28	10	615	20 x 27mm	626.85
DN500-BF-10	620	28	10	670	20 x 26mm	748.30

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	1.60
PF16DN050	DN050	1.65
PF16DN065	DN065	2.05
PF16DN080	DN080	2.45
PF16DN100	DN100	2.90
PF16DN125	DN125	4.80
PF16DN150	DN150	5.40
PF10DN200	DN200	8.55
PF16DN250	DN250	13.00
PF16DN300	DN300	16.30
PF16DN350	DN350	27.70

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	2.60
FBOUTM24X90	M24	26 & 27	90	4.30

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			



MENS, MAATWERK & TECHNIEK

Professionals in Flow & Fluid Technology

Gewoon

www.aimfluid.nl



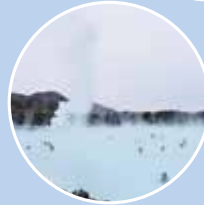
Neutrale medium



Agressieve medium



Heet water



Stoom



Pneumatiek

| AIM FLUID CONTROL |

Het meten en regelen van Flow & Fluid Technology is onze 2^e natuur



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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