

Adapter Adapter



Damit Verbindungen gelingen!
Make better connections!

5



Vertrauen Sie auf Volz – damit Verbindungen gelingen

Rely on Volz – for better connections

Vertrauen Sie auf Rohrverbindungen „Made in Germany“ – Stahl und Edelstahl

Es gibt nur eine Handvoll Hersteller von Rohrverschraubungen, Schlauchverbindungen und Adaptern für hydraulische Anlagen. Sie sind alle Spezialisten. Wir auch. Allerdings ist Volz nicht nur Spezialist für Stahl oder Edelstahl – sondern für beides. Die Volz Gruppe liefert unter den wenigen deutschen Unternehmen, die Rohr- und Schlauchverbindungskomponenten sowohl in Stahl als auch in Edelstahl anbieten, das breiteste Programm aus eigener Fertigung.

Welche Vorteile das für Sie hat? Wir beraten Sie in beiden Produktbereichen und wägen gemeinsam mit Ihnen sorgfältig ab, welches Produkt aus unserem umfangreichen Programm das optimale für Ihre Anwendung ist. Sie wiederum können sich auf die Sicherheit unserer Verbindungen in beiden Materialien voll und ganz verlassen.

Denn bei uns findet der gesamte Zerspanungs- und Fertigungsprozess im eigenen Haus statt. Und kann flexibel und schnell auf Ihre Bedürfnisse zugeschnitten werden, so dass wir Ihnen kurzfristig die Lösung für Ihre Aufgabe liefern. Egal, ob diese im Edelstahl- oder im Stahlbereich liegt.

Außer all den absolut zuverlässigen Rohr- und Schlauchverbindungen für hydraulische Anlagen, die Sie in unserem neu und übersichtlich gegliederten Katalog finden, bekommen Sie bei uns auch Produkte, die noch keine Serien- und Bestellnummern haben – aber Ihr ganz individuelles Problem lösen. Volz – Ihre flexibelste Quelle für sichere Verbindungen in Stahl und Edelstahl



Volz ist Ihre sicherste Quelle
Volz is your safest source

Volz ist Ihre flexibelste Quelle
Volz is your most flexible source

Volz ist die deutsche Quelle für Stahl und Edelstahl
Volz is the German source for carbon steel and stainless steel

You can trust Volz steel and stainless steel tube couplings "Made in Germany"

There are only a handful of specialist manufacturers who produce tube and hose couplings and adapters for hydraulic plants. We are one of them. However, Volz are not just specialists for steel or stainless steel fittings – we specialise in both. Under the very few German companies who supply both steel and stainless steel tube and hose coupling components, the Volz Group offer the widest program from our own production.

What advantage does this have for you? We consult with you about both product ranges and together we can come to decision about which product from our wide range is best suited to your particular application. You can then have full trust in our couplings made from either material.

By Volz the entire metal working manufacturing process is completed in our own workshops. This process can be rapidly and flexibly tailored to your requirements, so that we can quickly supply a solution for your commission, no matter whether this is in steel or stainless steel.

Apart from all the absolutely reliable tube and hose connectors for hydraulic systems that you will find in our new and clearly laid out catalogue, we can also supply you with non-standard products that have no order number – but would solve your own individual problem.

Volz – your flexible source for safe steel and stainless steel couplings.

Zu Ihrer Sicherheit!

Verbindungselemente sind teilweise extremen Belastungen wie z.B. Schwingungen, unkontrollierten Druckspitzen etc. ausgesetzt.

Nur die Verwendung von Volz Komponenten sowie die Einhaltung unserer Montageanleitungen garantieren die Produktsicherheit, sowie die Einhaltung der geltenden Normen.

Das Nichtbeachten dieser Regeln kann die Funktionssicherheit der Produkte erheblich beeinträchtigen, Verletzungen verursachen, sowie Eigentum beschädigen.

Dies führt zum zwingenden Verlust unserer Gewährleistung! In jedem Fall gilt unsere Gewährleistung nur für Volz Produkte. Alle Angaben ohne Gewähr.

Alle Schlauchmontagen müssen nach erfolgter Montage auf Ihre Funktionssicherheit hin geprüft werden.

Technische Änderungen vorbehalten.



For your safety!

Under certain conditions components may be subjected to extreme loads such as vibration and uncontrolled pressure peaks.

For your own safety and the safety of others we recommend only using genuine Volz components and Volz approved methods of assembly.

Warranty is limited to Volz products and wholly dependent upon compliance with Volz approved methods of assembly.

Failure to follow the Volz assembly procedures may compromise the integrity of a system and could result in personal injury or property damage.

All hose assemblies should be proof tested as part of the assembly procedure.

Every endeavour has been made to ensure the information provided is correct and complete at the time of going to print. Errors and omissions are not intentional. Please contact the Volz technical department to enquire about any alterations or additions to the information contained within. All information is presented in approximate values. Tolerances are contained within the relevant standards or form part of the technical section of each component or procedure.

Subject to technical alteration.



Bestellen bei Volz – Ihre Vorteile:

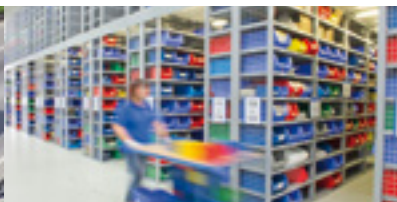
Schlauchnippel, Fassungen und Adapter sowie 24°-DIN-Rohrverschraubungen und 37°-JIC-Verschraubungen

- Zertifikate wie DNV, Lloyds, TÜV usw. vorhanden
- Großes Portfolio ab Lager verfügbar
- Sonderteile kurzfristig lieferbar durch eigene Produktion
- 3.1-Zeugnis – 100 Prozent Rückverfolgbarkeit
- 1.4571-(316Ti) – Edelstahl höchster Qualität für beste Performance
- „Made in Germany“

The advantages of ordering from Volz:

Hosetails, ferrules and adapters, as well as 24° DIN cutting ring couplings and 37° flared tube (JIC) couplings

- Certified by DNV, Lloyd's, TÜV and others
- Large portfolio available from stock
- Special parts deliverable at short notice, thanks to in-house production
- 3.1-documentation – 100% traceability
- 1.4571-(316Ti) stainless steel – top quality for optimum performance
- „Made in Germany“



Wir sind gern für Sie da

For you, we are always available

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F +49 7426 939-555

www.volz.de | sales@volz.de



Zertifikate Certificates



■ Qualität lässt sich messen. Die Zertifikate namhafter Prüfinstitute beweisen, dass Sie mit Volz-Produkten auf der sicheren Seite sind.

- American Bureau of Shipping (ABS)
- Bureau Veritas (BV)
- China Classification Society (CCS)
- Det Norske Veritas / Germanischer Lloyd (DNV GL)
- TÜV – AD2000
- Deutscher Verein des Gas- und Wasserfaches (DVGW)
- Lloyd's Register (LR)
- Registro Italiano Navale (RINA)
- Russian Maritime Register of Shipping (RMRS)

■ Quality can be measured. Certificates from reputable testing institutes prove that you are safe with Volz products.



www.volz.de/de/downloads/zulassungen-und-zertifikate

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Gerade Adapter Straight Adapters



AGR-AGR
Male BSPP - Male BSPP



BSPT-BSPT-f
Male BSPT - Female BSPT



AGJ-AGM keg.
Male JIC - Metric Male Taper



BSPT-f-BSPT-f-90°
Fixed Female BSPT



AGR-AGR
Male BSPP - Male BSPP Reducer



AGJ-BSPT
Male JIC - Male BSPT



GV-AGJ
DIN 2353 - Male JIC



AGN-AGN-90°
Male NPT - Male NPT



DKR-AGR
Female BSPP - Male BSPP



DKJ-BSPT
Female JIC - Male BSPT



90° Winkeladapter
90 Degree Elbows



AGN-NPT-f-90°
Male NPT - Female NPT



RI / RI WD
RI Male BSPP - Female Reducer / WD



SKMU BSPT-f
Female BSPT Socket



AGR-90°
Male BSPP - Male BSPP



AGJ-AGN-90°
Male JIC - Male NPT



AGR-BSPT
Male BSPP - Male BSPT



AGJ-BSPT-f
Male JIC - Female BSPT



WEE-AGR-BSPP-90°
Male Positional BSPP



DKJ-AGN-90°
Female JIC - Male NPT



AGR-AGN
Male BSPP - Male NPT



AGN-AGN
Male NPT - Male NPT



DKR-AGR-90°
Female BSPP - Male BSPP



NPT-f-NPT-f-90°
Fixed Female NPT



RI -BSPP-NPT-f
RI Male BSPP - Female NPT



AGN-NPT-f
Male NPT - Female NPT



AGR-BSPT-90°
Male BSPP - Male BSPT



AGJ-AGJ-90°
Male JIC - Male JIC



AGJ-AGR WD
Male JIC - Male BSPP WD



AGJ-AGN
Male JIC - Male NPT



AGR-AGN-90°
Male BSPP - Male NPT



AGJ-DKJ-90°
Male JIC - Female JIC



DKJ-AGR WD
Female JIC - Male BSPP WD



DKJ-AGN
Female JIC - Male NPT



AGJ-AGR-90°
Male JIC - Male BSPP



WEE-AGJ-UNO-90°
Male JIC - Positional UNO



DKR-DKR
Female BSPP - Female BSPP



SKMU-NPT-f
Female NPT - Female NPT



WEE-AGJ-BSPP-90°
Male JIC - BSPP Positional Elbow

45° Winkeladapter 45 Degree Elbows



DKR-BSPT
Female BSPP - Male BSPT



AGJ-NPT-f
Male JIC - Female NPT



DKR-90°
Female BSPP - Female BSPP



AGR-AGR-45°
Male BSPP - Male BSPP



DKR-AGN
Female BSPP - Male NPT



VSFL3/6-AGJ
Code 61/62 - Male JIC



DKR-BSPT-90°
Female BSPP - Male BSPT



DKR-BSPT-45°
Female BSPP - Male BSPT



AGN-BSPP-f
Male NPT-Fixed Female BSPP



AGJ-AGJ
Male JIC - Male JIC



DKR-AGN-90°
Female BSPP - Male NPT



BSPT-BSPT-45°
Male BSPT - Male BSPT



AGJ-DKR
Male JIC - Female BSPP



AGJ-DKJ-A
Male JIC - Female JIC FORM A



BSPP-f-BSPP-f-90°
Fixed Female BSPP



AGJ-BSPT-45°
Male JIC - Male BSPT



SKMU BSPP-f
Female BSPP Socket



AGJ-DKJ-B
Male JIC - Female JIC FORM B



BSPT-BSPT-90°
Male BSPT - Male BSPT



BSPT-DKJ-45°
Male BSPT - Female JIC



BSPT-BSPP-f
Male BSPT Reducer - Female BSPP



DKJ-DKJ
Female JIC - Female JIC



BSPT-BSPT-f-90°
Male BSPT - Female BSPT



AGJ-AGN-45°
Male JIC - Male NPT



BSPT-BSPT
Male BSPT - Male BSPT



AGJ-UNO
Male JIC - Male UNO



AGJ-BSPT-90°
Male JIC - Male BSPT



AGJ-DKJ-45°
Male JIC X Female JIC



AGJ-AGM WD
Male JIC - Metric WD Male Port Adapter



DKJ-BSPT-90°
Female JIC - Male BSPT



VEE-AGJ-UNO-45°
Male JIC - Positional UNO

T-Adapter
Tee Adapters**TAGR**
Male BSPP Tee**TEE-AGR-BSPP-AGR**
Postional Male BSPP Branch Tee**LEE-AGR-AGR-BSPP**
Postional Male BSPP Run Tee**TAGR-DKR-AGR**
Female BSPP Branch Tee**LAGR-AGR-DKR**
Female BSPP Run Tee**TDKR**
Female BSPP Tee**LBSPT-BSPT-DKR**
Male BSPT - Female BSPP Run Tee**TBSPP-f**
Fixed Female BSPP Tee**TBSPT**
Male BSPT Tee**TBSPT-f**
Fixed Female BSPT Tee**TAGN**
Male NPT Tee**TNPT-f**
Fixed Female NPT Tee**TAGJ-AGN-AGJ**
Male JIC - Male NPT Branch Tee**LAGJ-AGJ-AGN**
Male JIC - Male NPT Run Tee**TAGJ**
Male JIC Tee**TAGJ-DKJ-AGJ**
Male JIC - Female JIC Branch Tee**LAGJ-AGJ-DKJ**
Male JIC - Female JIC Run Tee**AGJ-DKJ-Test20**
Male JIC - Female JIC Inline TEST 20**Kreuz-Adapter**
Cross Adapters**KAGR**
Male BSPP**KDKR**
Female BSPP**KAGN**
Male NPT**KNPT-f**
Female NPT**KAGJ**
Male JIC**Verschlussstopfen**
Plugs & Caps**VSCH R / VSCH R WD**
BSPP Plug / BSPP WD Seal**VSCH AGR**
BSPP hex head plug**VSCH-BSPT**
BSPT Plug**VSCH-AGN**
NPT Plug**VSCHI-NPT**
NPT IN-Hex Plug**VSCH-AGJ**
JIC Plug**VSCH-UNO**
UNO Plug**VSCHI-UNO**
UNO IN-Hex Plug**VSTO-DKR**
BSPP Female Swivel Cap**SKKA-BSPP-f**
BSPP Fixed Female Cap**SKKA-NPT-f**
NPT Fixed Female Cap**VSTO-DKJ**
JIC Female Cap**Schottverschraubungen**
Bulkhead Couplings**AGS**
Male BSPP**AGJS**
Male JIC**GSV-AGJ**
DIN 2353 - Male JIC**BSPT-f-AGJS**
Female BSPT - Male JIC**AGJS-90°**
Male JIC Elbow**Schweißverschraubungen**
Weld Connectors**DKR-PTW**
Female BSPP Butt/ Tube weld**BSPT-PTW**
Male BSPT Butt/ Tube weld**AGN-PTW**
Male NPT Butt/ Tube weld**AGJ-TW**
Male JIC Butt/ Tube weld**DKJ-PTW**
Female JIC Butt/ Tube weld**Schmiernippel**
Grease Nipples**Kegelschmiernippel**
DIN 71412 A BSPT
BSPT Straight Grease Nipple**Kegelschmiernippel**
DIN 71412 A NPT
NPT Straight Grease Nipple**Kegelschmiernippel**
DIN 71412 B BSPT 45°
BSPT 45° Grease Nipple**Kegelschmiernippel**
DIN 71412 B NPT 45°
NPT 45° Grease Nipple**Kegelschmiernippel**
DIN 71412 C BSPT 90°
BSPT 90° Grease Nipple**Kegelschmiernippel**
DIN 71412 C NPT 90°
NPT 90° Grease Nipple**Einzelteile**
Components**KD-PTFE**
KD PTFE**KD-V**
KD V**GM BSPP + JIC**
GM BSPP + JIC**ODR (FKM / NBR)**
ODR (FKM / NBR)**WDR (FKM / NBR)**
WDR (FKM / NBR)**KR**
VSCR - Captive O-ring**ÜMJ**
Tube Nut JIC**DHJ**
Tube Sleeve JIC**Fettpaste Anti Seize**
Anti Seize**Fettpaste**
Lubricant

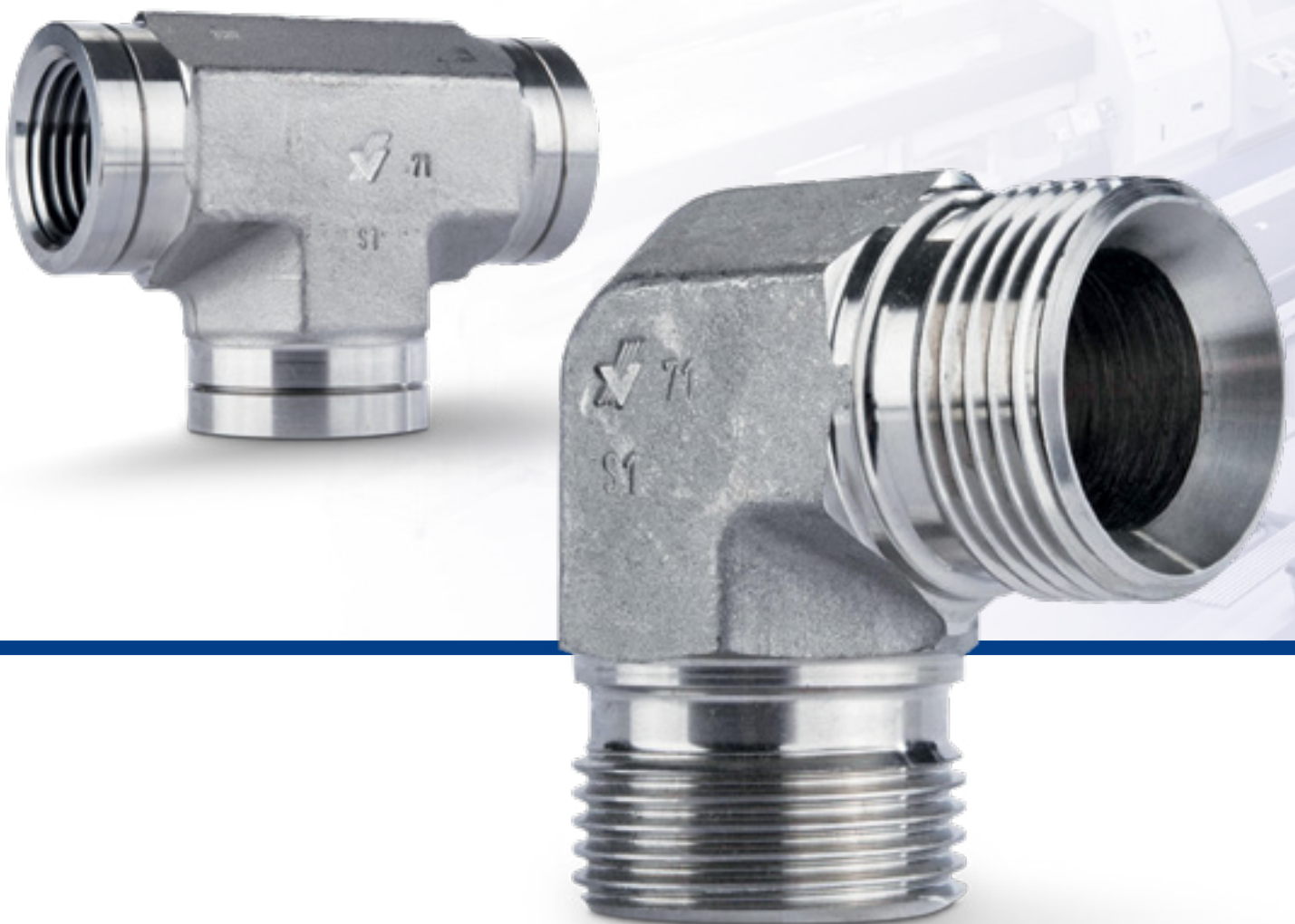
Weitere Informationen
finden Sie auf der
Homepage www.volz.de
oder in anderen Katalogen.

For more details check
the website www.volz.de
or other catalogues.

Adapter

Edelstahl (1.4571) | Stainless Steel (316Ti)

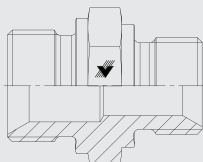
Adapter



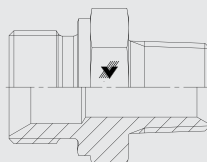
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AGR - AGR

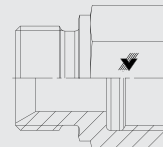
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**AGR - BSPT**

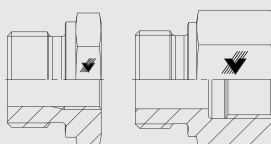
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**AGR - BSPP-f**

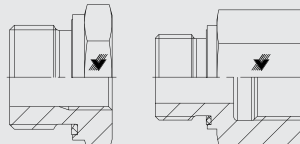
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**RI**

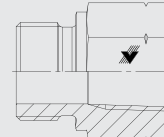
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**RI - WD**

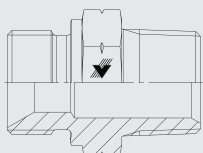
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**RI - BSPP - NPT-f**

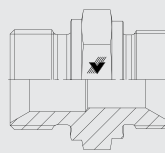
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**AGR - AGN**

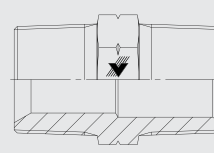
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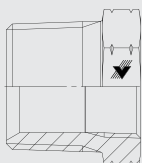
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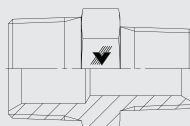
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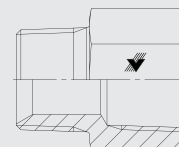
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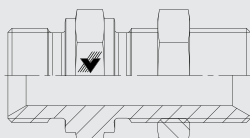
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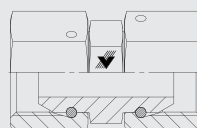
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**AGS**

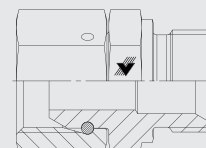
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**DKR - DKR**

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**DKR - AGR**

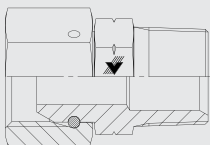
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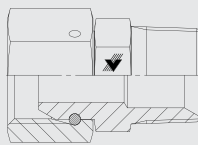
DKR - AGN

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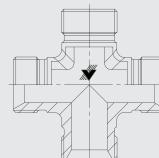
DKR - BSPT

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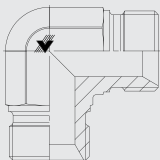
KAGR

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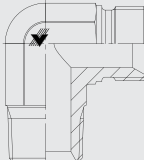
AGR - AGR - 90°

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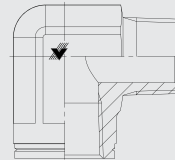
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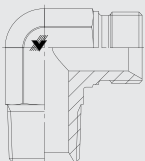
AGN - NPT-f - 90°

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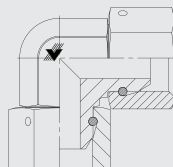
AGR - BSPT - 90°

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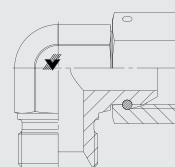
DKR - DKR - 90°

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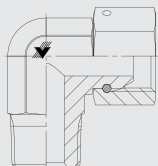
DKR - AGR - 90°

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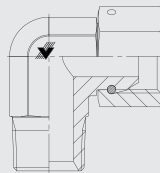
DKR - AGN - 90°

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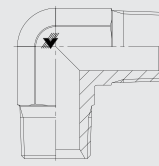
DKR - BSPT - 90°

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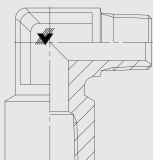
BSPT - BSPT - 90°

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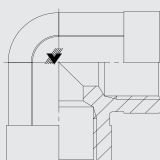
BSPT - BSPT-f - 90°

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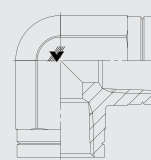
BSPP-f - BSPP-f - 90°

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NPT-female - NPT-female - 90°

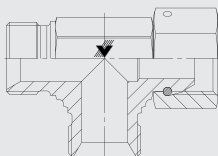
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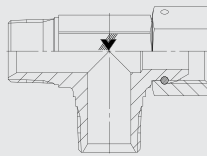
L - AGR - AGR - DKR

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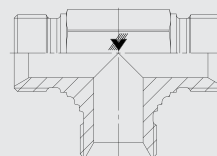
L - BSPT - BSPT - DKR

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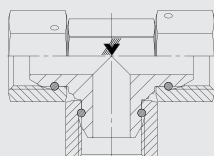
TAGR

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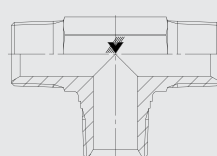
TDKR

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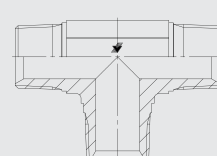
TAGN

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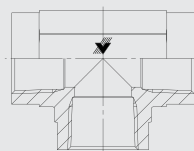
TBSPT

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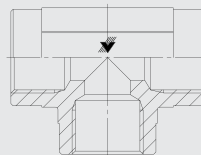
TBSPT-f

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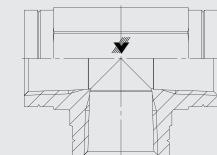
TBSPP-f

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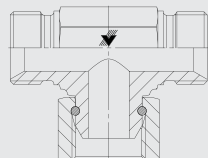
TNPT-f

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T - AGR - DKR - AGR

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VSCH - R

Seite Page 57



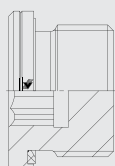
VSCH - M

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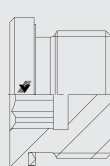
VSCH - R - WD

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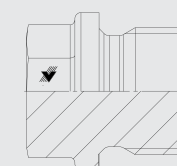
VSCH - M - WD

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VSCH - 910 - BSPP

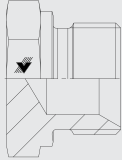
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Übersicht Visual Index

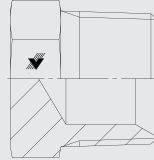
VSCH - AGR

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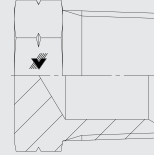
VSCH - BSPT

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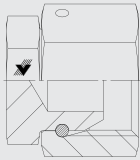
VSCH - AGN

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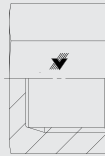
VSTO - DKR

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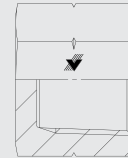
SKKA - BSPP-f

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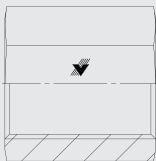
SKKA - NPT-f

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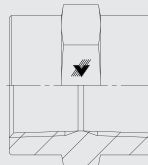
SKMU - BSPP-f

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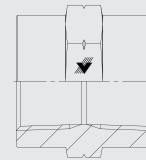
SKMU - BSPT-f

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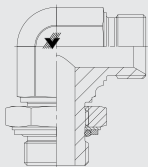
SKMU - NPT-f

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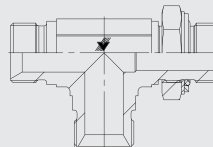
WEE - AGR - R

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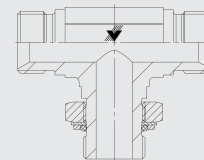
LEE - AGR - AGR - R

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TEE - AGR - R - ARG

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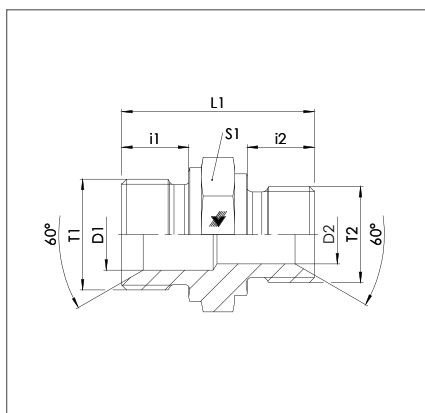
PN berücksichtigt in den folgenden Datenblättern einen 4-fachen statischen Sicherheitsfaktor.

PN includes a 4-fold static safety factor in the following data sheets.

AGR - AGR**BSPP-AG 60° Dichtkonus****BSPP-m 60° cone end**

- Gerader Adapter
- mit 60° Dichtkonus
- Gewinde: BSPP
- ISO 8434-6 / BS 5200
- Abdichtung durch met. Dichtkante Form B

- straight adapter
- with 60° cone end
- thread: BSPP
- ISO 8434-6 / BS 5200
- Metallic sealing edge Form B

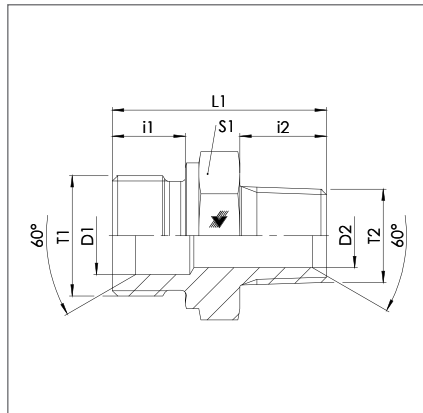
**AGR - AGR**

Dash	T1 mm	T2 mm	D1 mm	D2 mm	L1 mm	i1 mm	i2 mm	S1 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-2-2	1/8-BSPP	1/8-BSPP	4	4	24	8	8	14	400	16	AGR 1/8	118785
-4-2	1/4-BSPP	1/8-BSPP	5	4	28	11	8	19	400	29	AGR 1/4 - AGR 1/8	118740
-4-4	1/4-BSPP	1/4-BSPP	5	5	32	11	11	19	400	37	AGR 1/4	113942
-6-2	3/8-BSPP	1/8-BSPP	8	4	30	12	8	22	400	43	AGR 3/8 - AGR 1/8	105298
-6-4	3/8-BSPP	1/4-BSPP	8	5	33	12	11	22	400	48	AGR 3/8 - AGR 1/4	118324
-6-6	3/8-BSPP	3/8-BSPP	8	8	35	12	12	22	400	55	AGR 3/8	113945
-8-4	1/2-BSPP	1/4-BSPP	11	5	37	14	11	27	400	77	AGR 1/2 - AGR 1/4	114702
-8-6	1/2-BSPP	3/8-BSPP	11	8	38,5	14	12	27	400	82	AGR 1/2 - AGR 3/8	118846
-8-8	1/2-BSPP	1/2-BSPP	11	11	41	14	14	27	400	92	AGR 1/2	113941
-10-6	5/8-BSPP	3/8-BSPP	14	8	42	16	12	30	400	107	AGR 5/8 - AGR 3/8	105328
-10-8	5/8-BSPP	1/2-BSPP	14	11	44	16	14	30	400	113	AGR 5/8 - AGR 1/2	105327
-10-10	5/8-BSPP	5/8-BSPP	14	14	45	16	16	30	400	110	AGR 5/8	119935
-12-6	3/4-BSPP	3/8-BSPP	17	8	41,5	16	12	32	400	119	AGR 3/4 - AGR 3/8	105291
-12-8	3/4-BSPP	1/2-BSPP	17	11	44	16	14	32	400	129	AGR 3/4 - AGR 1/2	114485
-12-10	3/4-BSPP	5/8-BSPP	17	14	46	16	16	32	400	131	AGR 3/4 - AGR 5/8	105292
-12-12	3/4-BSPP	3/4-BSPP	17	17	46	16	16	32	400	133	AGR 3/4	113944
-16-6	1-BSPP	3/8-BSPP	22	8	47	19	12	41	250	214	AGR 1 - AGR 3/8	105237
-16-8	1-BSPP	1/2-BSPP	22	11	48	19	14	41	250	207	AGR 1 - AGR 1/2	204511
-16-12	1-BSPP	3/4-BSPP	22	17	50	19	16	41	250	212	AGR 1 - AGR 3/4	122288
-16-16	1-BSPP	1-BSPP	22	22	53	19	19	41	250	230	AGR 1	105230
-20-12	1.1/4-BSPP	3/4-BSPP	29	17	54	20	16	50	200	351	AGR 1.1/4 - AGR 3/4	105320
-20-16	1.1/4-BSPP	1-BSPP	29	22	57	20	19	50	200	368	AGR 1.1/4 - AGR 1	105316
-20-20	1.1/4-BSPP	1.1/4-BSPP	29	29	57	20	20	50	200	368	AGR 1.1/4	105313
-24-12	1.1/2-BSPP	3/4-BSPP	33	17	56	22	16	55	200	439	AGR 1.1/2 - AGR 3/4	208985
-24-16	1.1/2-BSPP	1-BSPP	33	22	60	22	19	55	200	475	AGR 1.1/2 - AGR 1	113855
-24-20	1.1/2-BSPP	1.1/4-BSPP	33	29	60	22	20	55	200	472	AGR 1.1/2 - AGR 1.1/4	117546
-24-24	1.1/2-BSPP	1.1/2-BSPP	33	33	62	22	22	55	200	497	AGR 1.1/2	119308
-32-20	2-BSPP	1.1/4-BSPP	46	29	68	25	20	70	100	826	AGR 2 - AGR 1.1/4	125195
-32-24	2-BSPP	1.1/2-BSPP	46	33	68	25	22	70	100	796	AGR 2 - AGR 1.1/2	115613
-32-32	2-BSPP	2-BSPP	46	46	70	25	25	70	100	737	AGR 2	121741

AGR - BSPT**BSPP-AG 60° Dichtkonus - BSPT-AG 60° Dichtkonus****BSPP-m 60° cone end - BSPT-m 60° cone end**

- Gerader Adapter
- mit 60° Dichtkonus
- Gewinde: BSPP - BSPT
- ISO 8434-6/BS 5200 - DIN EN 10226-1
- Abdichtung durch met. Dichtkante Form B

- straight adapter
- with 60° cone end
- thread: BSPP - BSPT
- ISO 8434-6/BS 5200 - DIN EN 10226-1
- Metallic sealing edge Form B

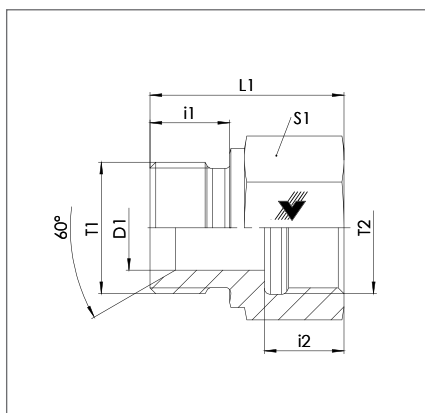
**AGR - BSPT**

Dash	T1 mm	T2 mm	D1 mm	D2 mm	L1 mm	i1 mm	i2 mm	S1 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-2-2	1/8-BSPP	1/8-BSPT	4	5	24,5	8	10	14	400	15	AGR 1/8 - BSPT 1/8	203733
-2-4	1/8-BSPP	1/4-BSPT	4	7	31,5	8	15	14	400	24	AGR 1/8 - BSPT 1/4	203734
-4-2	1/4-BSPP	1/8-BSPT	5	5	29	11	10	19	400	30	AGR 1/4 - BSPT 1/8	203736
-4-4	1/4-BSPP	1/4-BSPT	5	7	35	11	15	19	400	39	AGR 1/4 - BSPT 1/4	203735
-4-6	1/4-BSPP	3/8-BSPT	5	10	36	11	15	19	400	45	AGR 1/4 - BSPT 3/8	203738
-4-8	1/4-BSPP	1/2-BSPT	5	14	41	11	19	22	400	66	AGR 1/4 - BSPT 1/2	203737
-6-4	3/8-BSPP	1/4-BSPT	8	7	36,5	12	15	22	400	52	AGR 3/8 - BSPT 1/4	203741
-6-6	3/8-BSPP	3/8-BSPT	8	10	37,5	12	15	22	400	58	AGR 3/8 - BSPT 3/8	203739
-6-8	3/8-BSPP	1/2-BSPT	8	14	42,5	12	19	22	400	72	AGR 3/8 - BSPT 1/2	203740
-6-12	3/8-BSPP	3/4-BSPT	8	18	43,5	12	19	27	400	103	AGR 3/8 - BSPT 3/4	203798
-6-16	3/8-BSPP	1-BSPT	8	24	48,5	12	24	36	350	188	AGR 3/8 - BSPT 1	203742
-8-6	1/2-BSPP	3/8-BSPT	11	10	40	14	15	27	400	83	AGR 1/2 - BSPT 3/8	203744
-8-8	1/2-BSPP	1/2-BSPT	11	14	45	14	19	27	400	98	AGR 1/2 - BSPT 1/2	203743
-8-12	1/2-BSPP	3/4-BSPT	11	18	46	14	19	27	400	114	AGR 1/2 - BSPT 3/4	203745
-10-8	5/8-BSPP	1/2-BSPT	14	14	47	16	19	30	400	112	AGR 5/8 - BSPT 1/2	203746
-10-12	5/8-BSPP	3/4-BSPT	14	18	48	16	19	30	400	130	AGR 5/8 - BSPT 3/4	203747
-12-8	3/4-BSPP	1/2-BSPT	17	14	47	16	19	32	400	129	AGR 3/4 - BSPT 1/2	203748
-12-12	3/4-BSPP	3/4-BSPT	17	18	48	16	19	32	400	141	AGR 3/4 - BSPT 3/4	203749
-12-16	3/4-BSPP	1-BSPT	17	24	53	16	24	36	350	192	AGR 3/4 - BSPT 1	203750
-16-12	1-BSPP	3/4-BSPT	22	18	51	19	19	41	250	218	AGR 1 - BSPT 3/4	203751
-16-16	1-BSPP	1-BSPT	22	24	56	19	24	41	250	241	AGR 1 - BSPT 1	203752
-16-20	1-BSPP	1.1/4-BSPT	22	32	61	19	25	46	200	343	AGR 1 - BSPT 1.1/4	203797
-20-20	1.1/4-BSPP	1.1/4-BSPT	29	32	62	20	25	50	200	397	AGR 1.1/4 - BSPT 1.1/4	203753
-24-24	1.1/2-BSPP	1.1/2-BSPT	33	38	66	22	26	55	200	509	AGR 1.1/2 - BSPT 1.1/2	203754
-32-32	2-BSPP	2-BSPT	46	46	74,5	25	30	70	100	822	AGR 2 - BSPT 2	203755

AGR - BSPP-f**BSPP-AG 60° Dichtkonus - BSPP-IG****BSPP-m 60° cone end - BSPP-f**

- Gerader Adapter
- mit 60° Dichtkonus
- Gewinde: BSPP
- ISO 8434-6/BS 5200 - ISO 1179-1
- Abdichtung durch met. Dichtkante Form B

- straight adapter
- with 60° cone end
- thread: BSPP
- ISO 8434-6/BS 5200 - ISO 1179-1
- Metallic sealing edge Form B

**AGR - BSPP-f**

Dash	T1 mm	T2 mm	D1 mm	L1 mm	i1 mm	i2 mm	S1 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-2-2	1/8-BSPP	1/8-BSPP-f	4	21,5	8	8	14	400	17	AGR 1/8 - BSPP-f 1/8	125256
-4-2	1/4-BSPP	1/8-BSPP-f	5	28	11	12	19	400	43	AGR 1/4 - BSPP-f 1/8	231218
-4-4	1/4-BSPP	1/4-BSPP-f	5	29	11	12	19	400	40	AGR 1/4 - BSPP-f 1/4	125257
-4-8	1/4-BSPP	1/2-BSPP-f	5	34	11	16	27	400	74	AGR 1/4 - BSPP-f 1/2	243158
-6-4	3/8-BSPP	1/4-BSPP-f	8	30,5	12	12	22	400	60	AGR 3/8 - BSPP-f 1/4	125683
-6-6	3/8-BSPP	3/8-BSPP-f	8	30,5	12	12	22	400	53	AGR 3/8 - BSPP-f 3/8	125258
-8-4	1/2-BSPP	1/4-BSPP-f	11	38	14	17	27	400	120	AGR 1/2 - BSPP-f 1/4	231219
-8-6	1/2-BSPP	3/8-BSPP-f	11	40	14	17	27	400	118	AGR 1/2 - BSPP-f 3/8	231220
-8-8	1/2-BSPP	1/2-BSPP-f	11	37	14	16	27	400	92	AGR 1/2 - BSPP-f 1/2	125259
-12-8	3/4-BSPP	1/2-BSPP-f	17	39	16	16	32	400	144	AGR 3/4 - BSPP-f 1/2	125684
-12-12	3/4-BSPP	3/4-BSPP-f	17	39	16	16	32	400	119	AGR 3/4 - BSPP-f 3/4	125260
-16-12	1-BSPP	3/4-BSPP-f	22	52	19	22	41	250	318	AGR 1 - BSPP-f 3/4	231233
-16-16	1-BSPP	1-BSPP-f	22	45	19	19	41	250	217	AGR 1 - BSPP-f 1	125261
-20-20	1.1/4-BSPP	1.1/4-BSPP-f	29	46	20	19	50	200	309	AGR 1.1/4 - BSPP-f 1.1/4	125262
-24-24	1.1/2-BSPP	1.1/2-BSPP-f	33	48	22	19	55	200	373	AGR 1.1/2 - BSPP-f 1.1/2	125263
-32-32	2-BSPP	2-BSPP-f	46	51,5	25	19	70	100	573	AGR 2 - BSPP-f 2	125264

RI

BSPP-AG - BSPP-IG

BSPP-m - BSPP-f

■ Gerader Reduzierstutzen mit Innengewinde

■ Abdichtung durch metallische Dichtkante

ISO 9974-3 Form B

■ Gewinde: BSPP

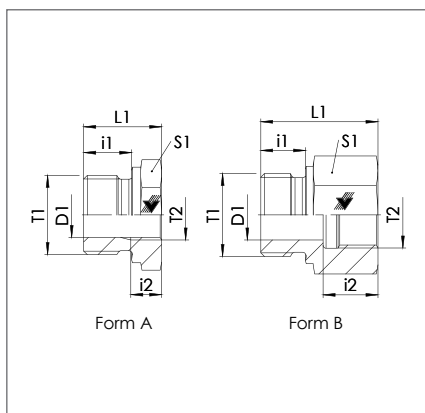
■ ISO 1179 - ISO 1179-1

■ straight reducer

■ metallic sealing edge ISO 9974-3 Form B

■ thread: BSPP

■ ISO 1179 - ISO 1179-1



RI											
Abb. Img.	T1 mm	T2 mm	D1 mm	L1 mm	i1 mm	i2 mm	S1 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
B	G1/8	G1/4	4	31	8	17	19	400	43	RI 1/8 x 1/4	103829
B	G1/8	G3/8	4	32	8	17	24	400	69	RI 1/8 x 3/8	103832
B	G1/8	G1/2	4	28	8	13	27	400	65	RI 1/8 x 1/2	200556
B	G1/4	G1/8	5	28	12	12	19	400	42	RI 1/4 x 1/8	103822
B	G1/4	G1/4	5	36	12	17	19	400	53	RI 1/4 x 1/4	115461
B	G1/4	G3/8	5	36	12	17	24	400	75	RI 1/4 x 3/8	103826
B	G1/4	G1/2	5	40	12	20	30	400	127	RI 1/4 x 1/2	103817
B	G1/4	G3/4	5	43	12	22	36	315	187	RI 1/4 x 3/4	103824
A	G3/8	G1/8	8,5	22,5	12	8	22	400	43	RI 3/8 x 1/8	103795
B	G3/8	G1/4	8	36	12	17	22	400	76	RI 3/8 x 1/4	103867
B	G3/8	G3/8	8	38	12	17	24	400	87	RI 3/8 x 3/8	202018
B	G3/8	G1/2	8	41	12	20	30	400	136	RI 3/8 x 1/2	103865
B	G3/8	G3/4	8	44	12	22	36	315	197	RI 3/8 x 3/4	103871
A	G1/2	G1/8	8,5	24	14	8	27	400	72	RI 1/2 x 1/8	103770
A	G1/2	G1/4	11,5	24	14	12	27	315	63	RI 1/2 x 1/4	103768
B	G1/2	G3/8	12	36	14	17	27	315	101	RI 1/2 x 3/8	103813
B	G1/2	G3/4	12	46	14	22	36	315	201	RI 1/2 x 3/4	103809
B	G1/2	G1/2	12	43	14	20	30	315	141	RI 1/2 x 1/2	207828
B	G1/2	G1	12	49	14	24,5	41	315	246	RI 1/2 x 1	103807
B	G1/2	G1.1/4	12	53	14	26,5	55	160	512	RI 1/2 x 1.1/4	103815
A	G3/4	G1/4	11,5	26	16	12	32	315	113	RI 3/4 x 1/4	103791
A	G3/4	G3/8	15	26	16	12	32	315	98	RI 3/4 x 3/8	103792
B	G3/4	G1/2	16	41	16	20	32	315	160	RI 3/4 x 1/2	103855
B	G3/4	G1	16	51	16	24,5	41	315	263	RI 3/4 x 1	103854
B	G3/4	G1.1/4	16	55	16	26,5	55	160	526	RI 3/4 x 1.1/4	103863
B	G3/4	G1.1/2	16	57	16	28,5	60	160	609	RI 3/4 x 1.1/2	103861
A	G1	G1/4	11,5	29	18	12	41	315	214	RI 1 x 1/4	103779

RI**BSPP-AG - BSPP-IG****BSPP-m - BSPP-f**

■ Gerader Reduzierstutzen mit Innengewinde

■ Abdichtung durch metallische Dichtkante

ISO 9974-3 Form B

■ Gewinde: BSPP

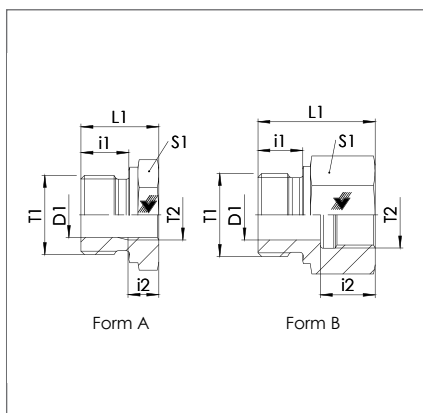
■ ISO 1179 - ISO 1179-1

■ straight reducer

■ metallic sealing edge ISO 9974-3 Form B

■ thread: BSPP

■ ISO 1179 - ISO 1179-1



RI											
Abb. Img.	T1 mm	T2 mm	D1 mm	L1 mm	i1 mm	i2 mm	S1 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
A	G1	G3/8	15	29	18	12	41	315	197	RI 1 x 3/8	207696
A	G1	G1/2	18,5	29	18	14	41	315	174	RI 1 x 1/2	103777
B	G1	G3/4	20	47	18	22	41	315	299	RI 1 x 3/4	103845
B	G1	G1.1/4	20	57	18	26,5	55	160	556	RI 1 x 1.1/4	103847
B	G1	G1.1/2	20	59	18	28,5	60	160	639	RI 1 x 1.1/2	103843
A	G1.1/4	G1/2	18,5	32	20	14	50	160	340	RI 1.1/4 x 1/2	103798
A	G1.1/4	G3/4	24	32	20	16	50	160	293	RI 1.1/4 x 3/4	103800
B	G1.1/4	G1	25	52	20	24,5	50	160	496	RI 1.1/4 x 1	103880
B	G1.1/4	G1.1/2	25	60	20	28,5	60	160	676	RI 1.1/4 x 1.1/2	103882
A	G1.1/2	G1/2	18,5	36	22	14	55	160	511	RI 1.1/2 x 1/2	103786
A	G1.1/2	G3/4	24	36	22	16	55	160	458	RI 1.1/2 x 3/4	103789
A	G1.1/2	G1/4	33	36	22	14	55	160	459	RI 1.1/2 x 1/4	203628
A	G1.1/2	G1	30,5	36	22	18	55	160	382	RI 1.1/2 x 1	103785
B	G1.1/2	G1.1/4	32	58	22	26,5	55	160	583	RI 1.1/2 x 1.1/4	103852
A	G2	G1.1/4	39	63	24	26,5	70	160	1228	RI 2 x 1.1/4	120656
B	G2	G1.1/2	40	65	24	28,5	70	160	1148	RI 2 x 1.1/2	103851

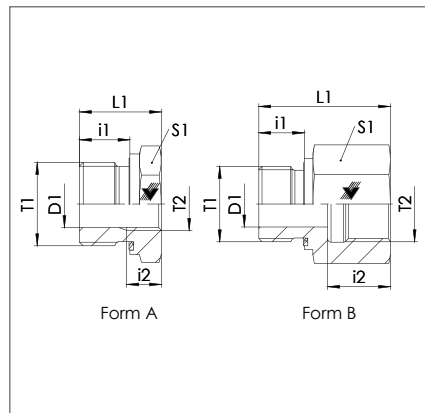
RI - WD

BSPP-AG / WD - BSPP-IG

BSPP-m / WD - BSPP-f

- Gerader Reduzierstutzen mit Innengewinde
- Abdichtung durch Viton Weichdichtung DIN 3869
- Gewinde: BSPP
- ISO 1179-2 - ISO 1179-1

- straight reducer
- sealing by Viton elastic softseal DIN 3869
- thread: BSPP
- ISO 1179-2 - ISO 1179-1

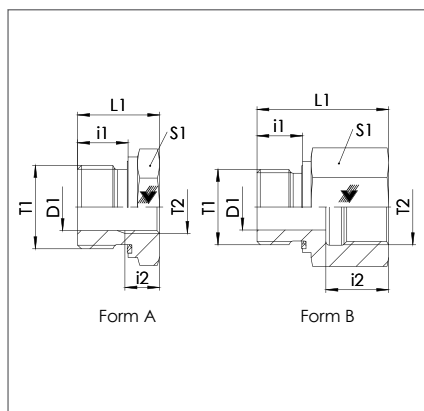


RI - WD											
Abb. Img.	T1 mm	T2 mm	D1 mm	L1 mm	i1 mm	i2 mm	S1 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
B	G1/8	G1/4	4	31	8	17	19	400	43	RI 1/8 WD x 1/4	103831
B	G1/8	G3/8	4	32	8	17	24	400	68	RI 1/8 WD x 3/8	103833
B	G1/8	G1/2	4	35	8	20	30	400	115	RI 1/8 WD x 1/2	126612
B	G1/4	G1/8	5	29	12	12	19	400	44	RI 1/4 WD x 1/8	103823
B	G1/4	G1/4	5	34	12	18	19	400	47	RI 1/4 WD x 1/4	126613
B	G1/4	G3/8	5	36	12	17	24	400	75	RI 1/4 WD x 3/8	103828
B	G1/4	G1/2	5	40	12	20	30	400	127	RI 1/4 WD x 1/2	103819
B	G1/4	G3/4	5	43	12	22	36	315	187	RI 1/4 WD x 3/4	103825
A	G3/8	G1/8	8,5	22,5	12	8	22	400	41	RI 3/8 WD x 1/8	103796
B	G3/8	G1/4	8	36	12	17	22	400	75	RI 3/8 WD x 1/4	103869
B	G3/8	G3/8	8	36	12	17	24	400	78	RI 3/8 WD x 3/8	126614
B	G3/8	G1/2	8	41	12	20	30	400	135	RI 3/8 WD x 1/2	103866
B	G3/8	G3/4	8	44	12	22	36	315	196	RI 3/8 WD x 3/4	103873
B	G3/8	G1.1/4	8	50,5	12	26,5	55	315	503	RI 3/8 WD x 1.1/4	242625
A	G1/2	G1/8	8,5	24	14	8	27	400	70	RI 1/2 WD x 1/8	103771
A	G1/2	G1/4	11,5	24	14	12	27	400	62	RI 1/2 WD x 1/4	103769
B	G1/2	G3/8	12	37	14	17	27	400	105	RI 1/2 WD x 3/8	103814
B	G1/2	G1/2	12	43,5	14	20	30	400	143	RI 1/2 WD x 1/2	126615
B	G1/2	G3/4	12	46	14	22	36	315	201	RI 1/2 WD x 3/4	103812
B	G1/2	G1	12	49	14	24,5	41	315	245	RI 1/2 WD x 1	103808
B	G1/2	G1.1/4	12	53	14	26,5	55	315	506	RI 1/2 WD x 1.1/4	103816
A	G3/4	G1/4	11,5	26	16	12	32	315	109	RI 3/4 WD x 1/4	103858
A	G3/4	G3/8	15	26	16	12	32	315	94	RI 3/4 WD x 3/8	103793
B	G3/4	G1/2	16	43	16	20	32	315	169	RI 3/4 WD x 1/2	103857
B	G3/4	G1	16	51	16	24,5	41	315	261	RI 3/4 WD x 1	103860
B	G3/4	G1.1/4	16	55	16	26,5	55	315	526	RI 3/4 WD x 1.1/4	103864
B	G3/4	G1.1/2	12	57	16	28,5	60	250	628	RI 3/4 WD x 1.1/2	103862
A	G1	G1/4	11,5	29	18	12	41	315	206	RI 1 WD x 1/4	103780
A	G1	G3/8	15	29	18	12	41	315	190	RI 1 WD x 3/8	103783

RI - WD**BSPP-AG / WD - BSPP-IG****BSPP-m / WD - BSPP-f**

- Gerader Reduzierstutzen mit Innengewinde
- Abdichtung durch Viton Weichdichtung DIN 3869
- Gewinde: BSPP
- ISO 1179-2 - ISO 1179-1

- straight reducer
- sealing by Viton elastic softseal DIN 3869
- thread: BSPP
- ISO 1179-2 - ISO 1179-1



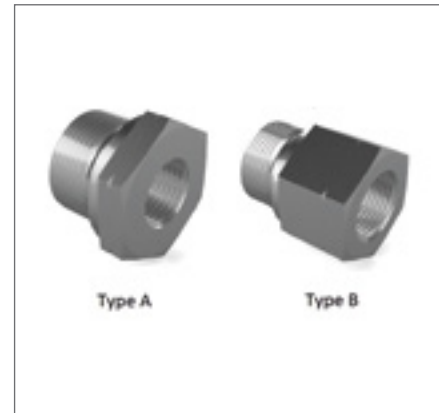
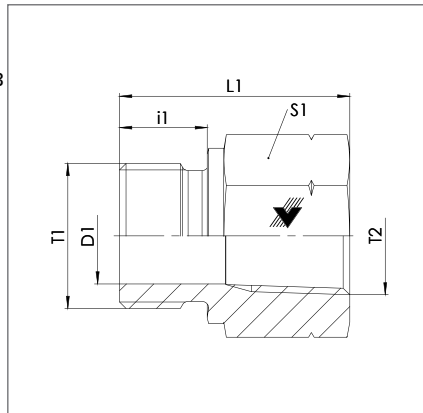
RI - WD											
Abb. Img.	T1 mm	T2 mm	D1 mm	L1 mm	i1 mm	i2 mm	S1 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
A	G1	G1/2	18,5	29	18	14	41	315	168	RI 1 WD x 1/2	103778
B	G1	G3/4	20	49	18	22	41	315	315	RI 1 WD x 3/4	103846
B	G1	G1	20	52	18	24,5	41	315	282	RI 1 WD x 1	222560
B	G1	G1.1/4	20	57	18	26,5	55	315	553	RI 1 WD x 1.1/4	103848
B	G1	G1.1/2	20	59	18	28,5	60	250	636	RI 1 WD x 1.1/2	103844
A	G1.1/4	G1/2	18,5	32	20	14	50	315	329	RI 1.1/4 WD x 1/2	103799
A	G1.1/4	G3/4	24	32	20	16	50	315	283	RI 1.1/4 WD x 3/4	103801
A	G1.1/4	G3/8	15	32	20	12,5	50	315	353	RI 1.1/4 WD x 3/8	224414
B	G1.1/4	G1	25	53	20	24,5	50	315	507	RI 1.1/4 WD x 1	103881
B	G1.1/4	G1.1/2	25	60	20	28,5	60	250	679	RI 1.1/4 WD x 1.1/2	103883
A	G1.1/2	G1/2	18,5	36	22	14	55	250	494	RI 1.1/2 WD x 1/2	103787
A	G1.1/2	G3/4	24	36	22	16	55	250	442	RI 1.1/2 WD x 3/4	103790
A	G1.1/2	G1	30,5	36	22	18	55	250	367	RI 1.1/2 WD x 1	103788
B	G1.1/2	G1.1/4	32	58	22	26,5	55	250	577	RI 1.1/2 WD x 1.1/4	103853
A	G2	G1/2	18,5	46	24	15	75	250	1209	RI 2 WD x 1/2	218367
A	G2	G3/4	24	46	24	16	75	250	932	RI 2 WD x 3/4	218209
A	G2	G1	30,5	46	24	19	75	250	891	RI 2 WD x 1	216639
A	G2	G1.1/4	39	46	24	24	75	250	878	RI 2 WD x 1.1/4	207697
B	G2	G1.1/2	40	65	24	28,5	75	160	1338	RI 2 WD x 1.1/2	103850

RI BSPP - NPT-f

BSPP-AG - NPT-IG

BSPP-m - NPT-f

- Gerader Reduzierstutzen mit Innengewinde
- Abdichtung durch metallische Dichtkante ISO 9974-3 Form B
- Gewinde: BSPP - NPT
- ISO 1179 - ANSI/ASME B 1.20.1 / SAE 476
- straight reducer
- metallic sealing edge ISO 9974-3 Form B
- thread: BSPP - NPT
- ISO 1179 - ANSI/ASME B 1.20.1 / SAE 476

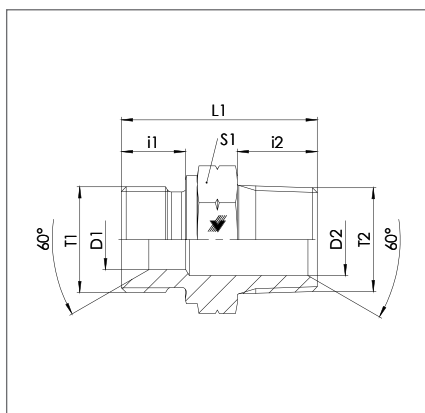


RI - BSPP - NPT-f										
Dash	T1 mm	T2 mm	D1 mm	L1 mm	i1 mm	S1 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
B	G1/8	1/4 NPT	4	33	8	19	400	49	RI 1/8 x 1/4 NPT-f	103830
B	G1/4	1/4 NPT	5	36	12	19	400	54	RI 1/4 x 1/4 NPT-f	103820
B	G1/4	3/8 NPT	5	38	12	24	400	83	RI 1/4 x 3/8 NPT-f	103840
B	G1/4	1/2 NPT	5	42	12	30	400	136	RI 1/4 x 1/2 NPT-f	103835
B	G3/8	1/4 NPT	8	36	12	22	400	78	RI 3/8 x 1/4 NPT-f	103879
B	G3/8	3/8 NPT	8	38	12	24	400	88	RI 3/8 x 3/8 NPT-f	103874
B	G3/8	1/2 NPT	9	44	12	27	400	115	RI 3/8 x 1/2 NPT-f	126634
A	G1/2	1/4 NPT	11	24	14	27	400	64	RI 1/2 x 1/4 NPT-f	103774
B	G1/2	3/8 NPT	12	36	14	27	400	103	RI 1/2 x 3/8 NPT-f	103775
B	G1/2	1/2 NPT	12	41	14	27	400	103	RI 1/2 x 1/2 NPT-f	103767
B	G1/2	3/4 NPT	12	51	14	36	400	240	RI 1/2 x 3/4 NPT-f	103810
A	G3/4	3/8 NPT	14	26	16	32	400	100	RI 3/4 x 3/8 NPT-f	207727
B	G3/4	1/2 NPT	17,5	42	16	32	400	162	RI 3/4 x 1/2 NPT-f	103877
B	G3/4	3/4 NPT	16	47	16	36	400	212	RI 3/4 x 3/4 NPT-f	207729
B	G1	3/4 NPT	20	47	18	41	400	303	RI 1 x 3/4 NPT-f	103834
A	G1.1/4	3/4 NPT	23	32	20	50	200	296	RI 1.1/4 x 3/4 NPT-f	207732
B	G1.1/4	1 NPT	25	52	20	50	200	502	RI 1.1/4 x 1 NPT-f	207735
A	G1.1/2	1 NPT	29	42	22	55	200	481	RI 1.1/2 x 1 NPT-f	207738
B	G1.1/2	1.1/4 NPT	32	58	22	55	200	589	RI 1.1/2 x 1.1/4 NPT-f	207740

AGR - AGN**BSPP-AG 60° Dichtkonus - NPT-AG 60° Dichtkonus****BSPP-m 60° cone end - NPT-m 60° cone end**

- Gerader Adapter
- mit 60° Dichtkonus
- Gewinde: BSPP - NPT
- ISO 8434-6 / BS 5200 - ASME/ANSI B 1.20.1
- Abdichtung durch met. Dichtkante Form B

- straight adapter
- with 60° cone end
- thread: BSPP - NPT
- ISO 8434-6 / BS 5200 - ASME/ANSI B 1.20.1
- Metallic sealing edge Form B

**AGR - AGN**

Dash	T1 mm	T2 mm	D1 mm	D2 mm	L1 mm	i1 mm	i2 mm	S1 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-2-2	1/8-BSPP	1/8-NPT	4	5	24	8	10	14	400	15	AGR 1/8 - AGN 1/8	105272
-2-4	1/8-BSPP	1/4-NPT	4	7	32	8	15,5	14	400	25	AGR 1/8 - AGN 1/4	124167
-4-2	1/4-BSPP	1/8-NPT	5	5	29	11	10	19	400	30	AGR 1/4 - AGN 1/8	124168
-4-4	1/4-BSPP	1/4-NPT	5	7	35,5	11	15,5	19	400	40	AGR 1/4 - AGN 1/4	105261
-4-6	1/4-BSPP	3/8-NPT	5	10	36,5	11	15,5	19	400	47	AGR 1/4 - AGN 3/8	124169
-6-4	3/8-BSPP	1/4-NPT	8	7	38	12	15,5	22	400	56	AGR 3/8 - AGN 1/4	124170
-6-6	3/8-BSPP	3/8-NPT	8	10	38	12	15,5	22	400	60	AGR 3/8 - AGN 3/8	105302
-6-8	3/8-BSPP	1/2-NPT	8	14	43,5	12	20	22	400	76	AGR 3/8 - AGN 1/2	124172
-8-4	1/2-BSPP	1/4-NPT	11	7	40	14	15,5	27	400	80	AGR 1/2 - AGN 1/4	118576
-8-6	1/2-BSPP	3/8-NPT	11	10	40,5	14	15,5	27	400	84	AGR 1/2 - AGN 3/8	118575
-8-8	1/2-BSPP	1/2-NPT	11	14	46	14	20	27	400	101	AGR 1/2 - AGN 1/2	105247
-8-12	1/2-BSPP	3/4-NPT	11	18	47	14	20	27	400	119	AGR 1/2 - AGN 3/4	124175
-12-8	3/4-BSPP	1/2-NPT	17	14	48	16	20	32	400	129	AGR 3/4 - AGN 1/2	124176
-12-12	3/4-BSPP	3/4-NPT	17	18	49	16	20	32	400	144	AGR 3/4 - AGN 3/4	105290
-12-16	3/4-BSPP	1-NPT	17	24	54	16	25	36	350	200	AGR 3/4 - AGN 1	124178
-16-12	1-BSPP	3/4-NPT	22	18	52	19	20	41	250	219	AGR 1 - AGN 3/4	124179
-16-16	1-BSPP	1-NPT	24	24	57	19	25	41	250	233	AGR 1 - AGN 1	105234
-20-16	1.1/4-BSPP	1-NPT	29	24	62	20	25	50	200	399	AGR 1.1/4 - AGN 1	105317
-20-20	1.1/4-BSPP	1.1/4-NPT	29	32	63	20	26	50	200	409	AGR 1.1/4 - AGN 1.1/4	105324
-24-24	1.1/2-BSPP	1.1/2-NPT	33	38	66	22	26	55	200	516	AGR 1.1/2 - AGN 1.1/2	105279
-32-24	2-BSPP	1.1/2-NPT	46	38	71	25	26	70	100	630	AGR 2 - AGN 1.1/2	240481
-32-32	2-BSPP	2-NPT	46	46	71	25	26	70	100	809	AGR 2 - AGN 2	105312

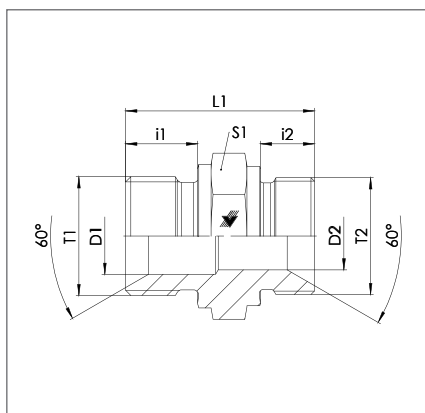
AGR - AGM

BSPP-AG 60° Dichtkonus - Metrisches AG 60° Dichtkonus

BSPP-m 60° cone end - Metric-m 60° cone end

- Gerader Adapter
- mit 60° Dichtkonus
- Gewinde: BSPP - Metrisch-zyl.
- ISO 8434-6 / BS 5200 - DIN 7631 / DIN 3852-1
- Abdichtung durch met. Dichtkante Form B

- straight adapter
- with 60° cone end
- thread: BSPP - metric parallel
- ISO 8434-6 / BS 5200 - DIN 7631 / DIN 3852-1
- Metallic sealing edge Form B



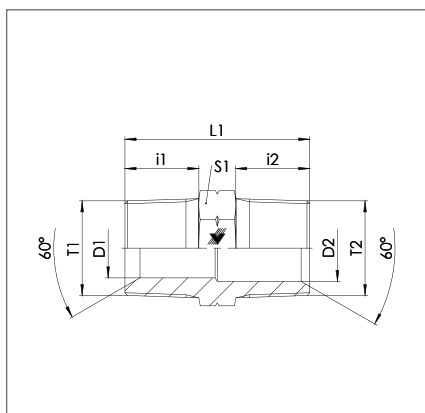
AGR - AGM

Dash	T1 mm	T2 mm	D1 mm	D2 mm	L1 mm	i1 mm	i2 mm	S1 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-6-M16x1,5	3/8-BSPP	M16x1,5	8	8	35,5	12	12	22	315	55	AGR 3/8 - AGM 16x1,5	240198
-8-M12x1,5	1/2-BSPP	M12x1,5	11	4	38	14	12	27	315	74	AGR 1/2 - AGM 12x1,5	133152
-8-M22x1,5	1/2-BSPP	M22x1,5	11	12	39	14	12	27	315	90	AGR 1/2 - AGM 22x1,5	125211
-8-M26x1,5	1/2-BSPP	M26x1,5	11	15	39	14	12	32	315	113	AGR 1/2 - AGM 26x1,5	125212
-8-M30x1,5	1/2-BSPP	M30x1,5	11	19	40	14	12	36	315	140	AGR 1/2 - AGM 30x1,5	130322
-12-M22x1,5	3/4-BSPP	M22x1,5	17	12	42	16	12	32	315	122	AGR 3/4 - AGM 22x1,5	215150
-12-M26x1,5	3/4-BSPP	M26x1,5	17	15	42	16	12	32	315	129	AGR 3/4 - AGM 26x1,5	125213
-12-M30x1,5	3/4-BSPP	M30x1,5	17	19	42	16	12	36	315	149	AGR 3/4 - AGM 30x1,5	100112
-16-M30x1,5	1-BSPP	M30x1,5	22	19	46	19	12	41	250	206	AGR 1 - AGM 30x1,5	125214
-16-M38x1,5	1-BSPP	M38x1,5	22	25	48	19	14	46	200	258	AGR 1 - AGM 38x1,5	125215
-20-M38x1,5	1.1/4-BSPP	M38x1,5	29	25	51	20	14	50	200	341	AGR 1.1/4 - AGM 38x1,5	125216
-20-M45x1,5	1.1/4-BSPP	M45x1,5	29	32	51	20	14	55	200	385	AGR 1.1/4 - AGM 45x1,5	125217
-24-M45x1,5	1.1/2-BSPP	M45x1,5	33	32	54	22	14	55	100	435	AGR 1.1/2 - AGM 45x1,5	125218
-24-M52x1,5	1.1/2-BSPP	M52x1,5	33	39	54	22	14	65	100	541	AGR 1.1/2 - AGM 52x1,5	125219
-32-M65x2	2-BSPP	M65x2	45	45	60	25	17	75	100	787	AGR 2 - AGM 65x2	125220

AGN - AGN**NPT-AG 60° Dichtkonus****NPT-m 60° cone end**

- Gerader Adapter
- mit 60° Dichtkonus
- Gewinde: NPT
- ASME/ANSI B 1.20.1

- straight adapter
- with 60° cone end
- thread: NPT
- ASME/ANSI B 1.20.1

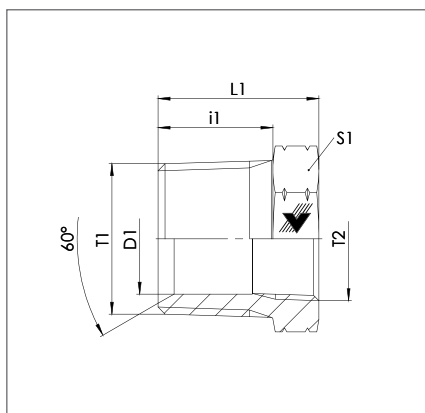


AGN - AGN												
Dash	T1 mm	T2 mm	D1 mm	D2 mm	L1 mm	i1 mm	i2 mm	S1 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-2-2	1/8-NPT	1/8-NPT	5	5	25	10	10	11	550	12	AGN 1/8	124222
-4-2	1/4-NPT	1/8-NPT	7	5	32	15,5	10	17	550	28	AGN 1/4 - AGN 1/8	212826
-4-4	1/4-NPT	1/4-NPT	7	7	38	15,5	15,5	14	550	31	AGN 1/4	203260
-6-4	3/8-NPT	1/4-NPT	10	7	37	15,5	15,5	19	550	42	AGN 3/8 - AGN 1/4	212827
-6-6	3/8-NPT	3/8-NPT	10	10	39	15,5	15,5	19	550	50	AGN 3/8	202641
-8-4	1/2-NPT	1/4-NPT	14	7	43	20	15,5	22	550	64	AGN 1/2 - AGN 1/4	212828
-8-6	1/2-NPT	3/8-NPT	14	10	43	20	15,5	22	550	67	AGN 1/2 - AGN 3/8	212829
-8-8	1/2-NPT	1/2-NPT	14	14	49	20	20	22	550	79	AGN 1/2	201558
-12-4	3/4-NPT	1/4-NPT	18	7	45	20	15,5	27	400	97	AGN 3/4 - AGN 1/4	239887
-12-8	3/4-NPT	1/2-NPT	18	14	50	20	20	27	400	112	AGN 3/4 - AGN 1/2	212830
-12-12	3/4-NPT	3/4-NPT	18	18	50	20	20	27	400	119	AGN 3/4	203817
-16-8	1-NPT	1/2-NPT	24	14	55	25	20	36	350	188	AGN 1 - AGN 1/2	212832
-16-12	1-NPT	3/4-NPT	24	18	53	25	20	36	350	181	AGN 1 - AGN 3/4	212833
-16-16	1-NPT	1-NPT	24	24	60	25	25	36	350	216	AGN 1	124224
-20-20	1.1/4-NPT	1.1/4-NPT	32	32	66	26	26	46	125	348	AGN 1.1/4	203816
-24-20	1.1/2-NPT	1.1/4-NPT	38	32	67	26	26	50	125	401	AGN 1.1/2 - AGN 1.1/4	237983
-24-24	1.1/2-NPT	1.1/2-NPT	38	38	67	26	26	50	125	392	AGN 1.1/2	124223
-32-24	2-NPT	1.1/2-NPT	38	46	70	26	26	65	100	709	AGN 2 - AGN 1.1/2	224412
-32-32	2-NPT	2-NPT	46	46	68	26	26	65	100	687	AGN 2	203815

AGN - NPT-f**NPT-AG 60° Dichtkonus - NPT-IG****NPT-m 60° cone end - NPT-f**

- Gerader Adapter
- mit 60° Dichtkonus
- Gewinde: NPT
- ASME/ANSI B 1.20.1

- straight adapter
- with 60° cone end
- thread: NPT
- ASME/ANSI B 1.20.1

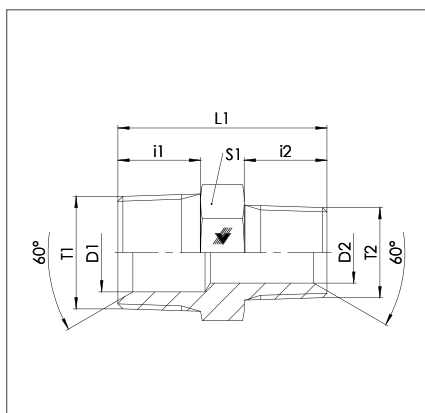
**AGN - NPT-f**

Dash	T1 mm	T2 mm	D1 mm	L1 mm	i1 mm	S1 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-2-4	1/8-NPT	1/4-NPT-f	5	31	10	19	550	42	AGN 1/8 - NPT-f 1/4	212857
-4-2	1/4-NPT	1/8-NPT-f	7	24	15,5	17	550	24	AGN 1/4 - NPT-f 1/8	124225
-4-4	1/4-NPT	1/4-NPT-f	7	35	15,5	19	550	46	AGN 1/4 - NPT-f 1/4	124226
-6-2	3/8-NPT	1/8-NPT-f	8	22	15,5	19	550	33	AGN 3/8 - NPT-f 1/8	212861
-6-4	3/8-NPT	1/4-NPT-f	10	25,5	15,5	19	550	32	AGN 3/8 - NPT-f 1/4	124227
-6-8	3/8-NPT	1/2-NPT-f	10	43	15,5	30	550	138	AGN 3/8 - NPT-f 1/2	239788
-8-4	1/2-NPT	1/4-NPT-f	14	29	20	22	550	53	AGN 1/2 - NPT-f 1/4	124228
-8-6	1/2-NPT	3/8-NPT-f	14	29	20	22	550	46	AGN 1/2 - NPT-f 3/8	124229
-8-12	1/2-NPT	3/4-NPT-f	14	49	20	36	400	197	AGN 1/2 - NPT-f 3/4	222005
-8-16	1/2-NPT	1-NPT-f	14	56	20	41	350	278	AGN 1/2 - NPT-f 1	243157
-12-4	3/4-NPT	1/4-NPT-f	18	30	20	27	400	98	AGN 3/4 - NPT-f 1/4	233683
-12-6	3/4-NPT	3/8-NPT-f	14	30	20	30	400	106	AGN 3/4 - NPT-f 3/8	117785
-12-8	3/4-NPT	1/2-NPT-f	17,5	30	20	30	400	85	AGN 3/4 - NPT-f 1/2	124230
-12-16	3/4-NPT	1-NPT-f	17,5	56	20	41	350	296	AGN 3/4 - NPT-f 1	222006
-16-6	1-NPT	3/8-NPT-f	24	35	25	36	350	162	AGN 1 - NPT-f 3/8	124231
-16-8	1-NPT	1/2-NPT-f	17,7	35	25	36	350	179	AGN 1 - NPT-f 1/2	212238
-16-12	1-NPT	3/4-NPT-f	24	35	25	36	350	134	AGN 1 - NPT-f 3/4	124232
-20-12	1.1/4-NPT	3/4-NPT-f	32	37	26	46	125	275	AGN 1.1/4 - NPT-f 3/4	241491
-20-16	1.1/4-NPT	1-NPT-f	46	37	26	46	125	242	AGN 1.1/4 - NPT-f 1	241490
-24-16	1.1/2-NPT	1-NPT-f	37	45	26	50	125	395	AGN 1.1/2 - NPT-f 1	207812
-24-20	1.1/2-NPT	1.1/4-NPT-f	37	45	26	50	125	284	AGN 1.1/2 - NPT-f 1.1/4	204076
-32-24	2-NPT	1.1/2-NPT-f	43	45	26	65	100	555	AGN 2 - NPT-f 1.1/2	241489

BSPT - BSPT**BSPT-AG 60° Dichtkonus****BSPT-m 60° cone end**

- Gerader Adapter
- mit 60° Dichtkonus
- Gewinde: BSPT
- DIN EN 10226-1

- straight adapter
- with 60° cone end
- thread: BSPT
- DIN EN 10226-1

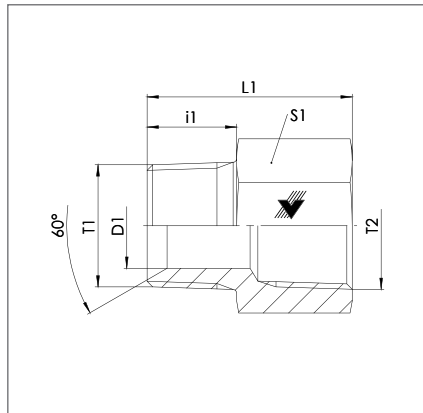


BSPT - BSPT												
Dash	T1 mm	T2 mm	D1 mm	D2 mm	L1 mm	i1 mm	i2 mm	S1 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-2-2	1/8-BSPT	1/8-BSPT	5	5	27	10	10	11	550	13	BSPT 1/8	124180
-4-2	1/4-BSPT	1/8-BSPT	7	5	32	15	10	14	550	24	BSPT 1/4 - BSPT 1/8	124166
-4-4	1/4-BSPT	1/4-BSPT	7	7	37	15	15	14	550	30	BSPT 1/4	200688
-6-4	3/8-BSPT	1/4-BSPT	10	7	37	15	15	17	550	38	BSPT 3/8 - BSPT 1/4	124298
-6-6	3/8-BSPT	3/8-BSPT	10	10	37	15	15	17	550	39	BSPT 3/8	201844
-8-4	1/2-BSPT	1/4-BSPT	14	7	44	19	15	22	400	68	BSPT 1/2 - BSPT 1/4	124171
-8-6	1/2-BSPT	3/8-BSPT	14	10	43	19	15	22	400	68	BSPT 1/2 - BSPT 3/8	124173
-8-8	1/2-BSPT	1/2-BSPT	14	14	48	19	19	22	400	76	BSPT 1/2	201842
-12-8	3/4-BSPT	1/2-BSPT	18	14	48	19	19	27	400	108	BSPT 3/4 - BSPT 1/2	124174
-12-12	3/4-BSPT	3/4-BSPT	18	18	50	19	19	27	400	117	BSPT 3/4	119996
-16-6	1-BSPT	3/8-BSPT	24	10	49	24	15	36	350	168	BSPT 1 - BSPT 3/8	201847
-16-8	1-BSPT	1/2-BSPT	24	14	53	24	19	36	350	178	BSPT 1 - BSPT 1/2	201845
-16-12	1-BSPT	3/4-BSPT	24	18	53	24	19	36	350	185	BSPT 1 - BSPT 3/4	124177
-16-16	1-BSPT	1-BSPT	24	24	60	24	24	36	350	213	BSPT 1	117522
-20-20	1.1/4-BSPT	1.1/4-BSPT	32	32	63	25	25	46	200	317	BSPT 1.1/4	203805
-24-24	1.1/2-BSPT	1.1/2-BSPT	38	38	65	26	26	50	200	361	BSPT 1.1/2	203806
-32-12	2-BSPT	3/4-BSPT	46	18	65	30	19	65	100	739	BSPT 2 - BSPT 3/4	131524
-32-32	2-BSPT	2-BSPT	46	46	76	30	30	65	100	752	BSPT 2	216907

BSPT - BSPT-f**BSPT-AG 60° Dichtkonus - BSPT-IG****BSPT-m 60° cone end - BSPT-f**

- Gerader Adapter
- mit 60° Dichtkonus
- Gewinde: BSPT
- DIN EN 10226-1

- straight adapter
- with 60° cone end
- thread: BSPT
- DIN EN 10226-1

**BSPT - BSPT-f**

Dash	T1 mm	T2 mm	D1 mm	L1 mm	i1 mm	S1 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-2-2	1/8-BSPT	1/8-BSPT-f	5	26	10	17	400	30	BSPT 1/8 - BSPT-f 1/8	125230
-2-4	1/8-BSPT	1/4-BSPT-f	5	31	10	19	400	43	BSPT 1/8 - BSPT-f 1/4	125234
-2-6	1/8-BSPT	3/8-BSPT-f	5	32	10	22	400	54	BSPT 1/8 - BSPT-f 3/8	125235
-2-8	1/8-BSPT	1/2-BSPT-f	5	38	10	27	400	98	BSPT 1/8 - BSPT-f 1/2	125236
-4-2	1/4-BSPT	1/8-BSPT-f	7	22	15	17	400	21	BSPT 1/4 - BSPT-f 1/8	124189
-4-4	1/4-BSPT	1/4-BSPT-f	7	33	15	19	400	42	BSPT 1/4 - BSPT-f 1/4	124190
-4-6	1/4-BSPT	3/8-BSPT-f	7	37	15	22	400	60	BSPT 1/4 - BSPT-f 3/8	125237
-4-8	1/4-BSPT	1/2-BSPT-f	7	43	15	27	400	104	BSPT 1/4 - BSPT-f 1/2	125239
-4-12	1/4-BSPT	3/4-BSPT-f	7	45	15	32	400	138	BSPT 1/4 - BSPT-f 3/4	125240
-6-2	3/8-BSPT	1/8-BSPT-f	10	23	15	19	400	31	BSPT 3/8 - BSPT-f 1/8	124191
-6-4	3/8-BSPT	1/4-BSPT-f	10	28	15	19	400	36	BSPT 3/8 - BSPT-f 1/4	124192
-6-6	3/8-BSPT	3/8-BSPT-f	10	37	15	22	400	62	BSPT 3/8 - BSPT-f 3/8	126387
-6-8	3/8-BSPT	1/2-BSPT-f	10	43	15	27	400	106	BSPT 3/8 - BSPT-f 1/2	125241
-6-12	3/8-BSPT	3/4-BSPT-f	10	43	15	32	400	128	BSPT 3/8 - BSPT-f 3/4	125243
-8-4	1/2-BSPT	1/4-BSPT-f	14	28	19	22	400	51	BSPT 1/2 - BSPT-f 1/4	124193
-8-6	1/2-BSPT	3/8-BSPT-f	14	30	19	22	400	48	BSPT 1/2 - BSPT-f 3/8	124194
-8-8	1/2-BSPT	1/2-BSPT-f	14	43,5	19	27	400	101	BSPT 1/2 - BSPT-f 1/2	124195
-8-12	1/2-BSPT	3/4-BSPT-f	14	49	19	32	400	149	BSPT 1/2 - BSPT-f 3/4	124245
-8-16	1/2-BSPT	1-BSPT-f	14	56	19	41	350	290	BSPT 1/2 - BSPT-f 1	125246
-12-6	3/4-BSPT	3/8-BSPT-f	18	29	19	30	400	89	BSPT 3/4 - BSPT-f 3/8	124196
-12-8	3/4-BSPT	1/2-BSPT-f	18	30	19	30	400	83	BSPT 3/4 - BSPT-f 1/2	124197
-12-12	3/4-BSPT	3/4-BSPT-f	18	43,5	19	32	400	129	BSPT 3/4 - BSPT-f 3/4	124198
-12-16	3/4-BSPT	1-BSPT-f	18	56	19	41	350	295	BSPT 3/4 - BSPT-f 1	125248
-16-8	1-BSPT	1/2-BSPT-f	24	34	24	36	350	149	BSPT 1 - BSPT-f 1/2	124199
-16-12	1-BSPT	3/4-BSPT-f	24	35	24	36	350	131	BSPT 1 - BSPT-f 3/4	124200
-16-16	1-BSPT	1-BSPT-f	24	60	24	41	350	305	BSPT 1 - BSPT-f 1	125249
-20-8	1.1/4-BSPT	1/2-BSPT-f	32	39	25	46	200	306	BSPT 1.1/4 - BSPT-f 1/2	241487
-20-16	1.1/4-BSPT	1-BSPT-f	32	63	26	46	200	423	BSPT 1.1/4 - BSPT-f 1	125251
-24-20	1.1/2-BSPT	1.1/4-BSPT-f	37	45	26	50	160	275	BSPT 1.1/2 - BSPT-f 1.1/4	241484
-32-16	2-BSPT	1-BSPT-f	46	46	30	65	100	734	BSPT 2 - BSPT-f 1	241564
-32-24	2-BSPT	1.1/2-BSPT-f	44	50	30	65	100	635	BSPT 2 - BSPT-f 1.1/2	241483

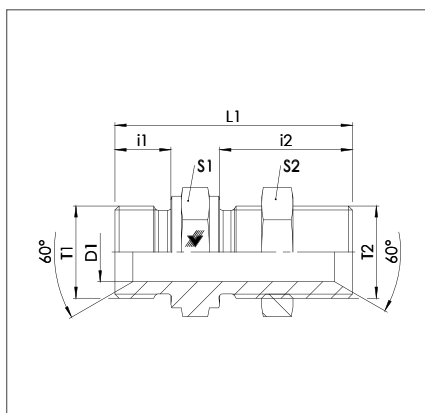
AGS

BSPP-AG 60° Dichtkonus Schott

BSPP-m 60° cone end bulkhead

- Gerader Schottadapter
- mit 60° Dichtkonus
- Gewinde: BSPP
- ISO 8434-6 / BS 5200
- Abdichtung durch met. Dichtkante Form B

- straight bulkhead adapter
- with 60° cone end
- thread: BSPP
- ISO 8434-6 / BS 5200
- Metallic sealing edge Form B



AGS												
Dash	T1 mm	T2 mm	D1 mm	L1 mm	i1 mm	i2 mm	S1 mm	S2 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-4	1/4-BSPP	1/4-BSPP	5	49	11	28	19	19	400	63	AGS 1/4	204530
-6	3/8-BSPP	3/8-BSPP	8	55	12	32	22	22	400	96	AGS 3/8	204531
-8	1/2-BSPP	1/2-BSPP	11	62	14	35	27	27	400	158	AGS 1/2	204532
-10	5/8-BSPP	5/8-BSPP	14	64	16	35	30	30	400	180	AGS 5/8	204533
-12	3/4-BSPP	3/4-BSPP	17	68	16	38	32	32	400	222	AGS 3/4	204534
-16	1-BSPP	1-BSPP	22	75	19	41	41	41	250	377	AGS 1	204535
-20	1.1/4-BSPP	1.1/4-BSPP	29	81	20	44	50	50	200	612	AGS 1.1/4	204536
-24	1.1/2-BSPP	1.1/2-BSPP	33	88	22	48	55	55	200	824	AGS 1.1/2	204537

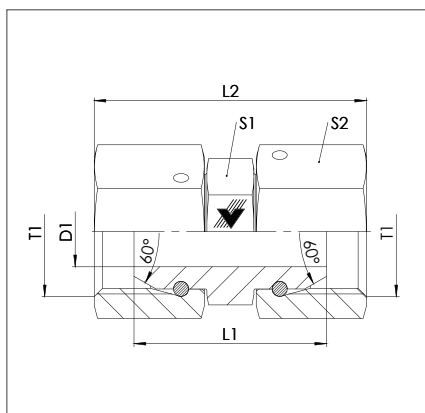
DKR - DKR

BSPP-IG-einstellbar 60° Dichtkonus

BSPP-f-swivel 60° cone end

- Gerader Adapter
- mit 60° Dichtkonus
- Gewinde: BSPP
- ISO 8434-6 / BS 5200

- straight adapter
- with 60° cone end
- thread: BSPP
- ISO 8434-6 / BS 5200



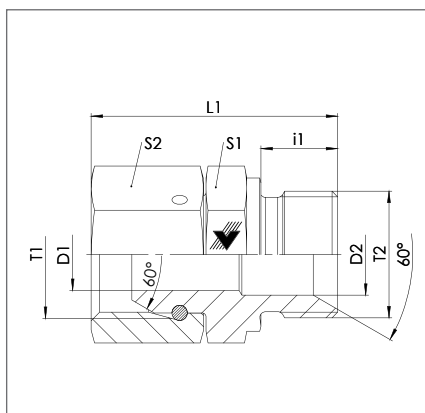
DKR - DKR

Dash	T1 mm	D1 mm	L1 mm	L2 mm	S1 mm	S2 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-4-4	1/4-BSPP	4	33	44	12	17	400	60	DKR 1/4	125388
-6-6	3/8-BSPP	7	33	45	17	22	400	103	DKR 3/8	125390
-8-8	1/2-BSPP	10	38	51	19	27	400	164	DKR 1/2	125389
-12-12	3/4-BSPP	15	41	58	27	32	250	243	DKR 3/4	125391
-16-16	1-BSPP	21	40	64,4	32	41	200	414	DKR 1	125392
-20-20	1.1/4-BSPP	28	48	72	41	50	200	659	DKR 1.1/4	125393
-24-24	1.1/2-BSPP	32	51	73	46	55	200	744	DKR 1.1/2	125394
-32-32	2-BSPP	45	66	90	60	70	100	1373	DKR 2	125395

DKR - AGR**BSPP-IG-einstellbar 60° Dichtkonus - BSPP-AG 60° Dichtkonus****BSPP-f-swivel 60° cone end - BSPP-m 60° cone end**

- Gerader Adapter
- mit 60° Dichtkonus
- Gewinde: BSPP
- ISO 8434-6 / BS 5200
- Abdichtung durch met. Dichtkante Form B

- straight adapter
- with 60° cone end
- thread: BSPP
- ISO 8434-6 / BS 5200
- Metallic sealing edge Form B



DKR - AGR												
Dash	T1 mm	T2 mm	D1 mm	D2 mm	L1 mm	i1 mm	S1 mm	S2 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-2-2	1/8-BSPP	1/8-BSPP	3	4	27,5	8	14	14	400	25	DKR 1/8 - AGR 1/8	231212
-2-4	1/8-BSPP	1/4-BSPP	3	5	32	11	19	14	400	40	DKR 1/8 - AGR 1/4	231213
-4-2	1/4-BSPP	1/8-BSPP	4	4	33,5	8	14	17	400	39	DKR 1/4 - AGR 1/8	125372
-4-4	1/4-BSPP	1/4-BSPP	4	5	37	11	19	17	400	53	DKR 1/4 - AGR 1/4	125373
-4-6	1/4-BSPP	3/8-BSPP	4	8	38,5	12	22	17	400	65	DKR 1/4 - AGR 3/8	231214
-6-4	3/8-BSPP	1/4-BSPP	7	5	37,5	11	19	22	400	70	DKR 3/8 - AGR 1/4	125375
-6-6	3/8-BSPP	3/8-BSPP	7	8	39	12	22	22	400	82	DKR 3/8 - AGR 3/8	125376
-6-8	3/8-BSPP	1/2-BSPP	7	11	43	14	27	22	400	110	DKR 3/8 - AGR 1/2	231215
-8-6	1/2-BSPP	3/8-BSPP	10	8	43	12	22	27	400	115	DKR 1/2 - AGR 3/8	125378
-8-8	1/2-BSPP	1/2-BSPP	10	11	45,5	14	27	27	400	139	DKR 1/2 - AGR 1/2	125116
-8-12	1/2-BSPP	3/4-BSPP	10	17	48,5	16	32	27	400	174	DKR 1/2 - AGR 3/4	231216
-12-8	3/4-BSPP	1/2-BSPP	15	11	49,5	14	27	32	250	172	DKR 3/4 - AGR 1/2	125115
-12-12	3/4-BSPP	3/4-BSPP	15	17	51,5	16	32	32	250	200	DKR 3/4 - AGR 3/4	125379
-12-16	3/4-BSPP	1-BSPP	15	22	54,5	19	41	32	250	267	DKR 3/4 - AGR 1	231217
-16-12	1-BSPP	3/4-BSPP	21	17	55,7	16	32	41	200	283	DKR 1 - AGR 3/4	125380
-16-16	1-BSPP	1-BSPP	21	22	58,7	19	41	41	200	350	DKR 1 - AGR 1	125381
-20-16	1.1/4-BSPP	1-BSPP	28	22	64	19	41	50	200	470	DKR 1.1/4 - AGR 1	125382
-20-20	1.1/4-BSPP	1.1/4-BSPP	28	28	65	20	50	50	200	566	DKR 1.1/4 - AGR 1.1/4	125383
-24-20	1.1/2-BSPP	1.1/4-BSPP	32	29	66,5	20	50	55	200	602	DKR 1.1/2 - AGR 1.1/4	125384
-24-24	1.1/2-BSPP	1.1/2-BSPP	32	32	68,5	22	55	55	200	689	DKR 1.1/2 - AGR 1.1/2	125385
-32-24	2-BSPP	1.1/2-BSPP	45	33	73,5	22	60	70	100	964	DKR 2 - AGR 1.1/2	125387
-32-32	2-BSPP	2-BSPP	45	46	77	25	70	70	100	1092	DKR 2 - AGR 2	125386

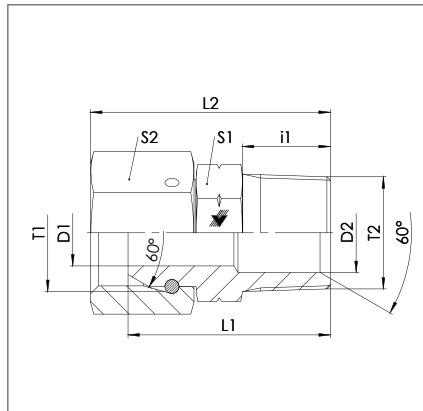
DKR - AGN

BSPP-IG-einstellbar 60° Dichtkonus - NPT-AG 60° Dichtkonus

BSPP-f-swivel 60° cone end - NPT-m 60° cone end

- Gerader Adapter
- mit 60° Dichtkonus
- Gewinde: BSPP - NPT
- ISO 8434-6 / BS 5200 - ASME/ANSI B1.20.1

- straight adapter
- with 60° cone end
- thread: BSPP - NPT
- ISO 8434-6 / BS 5200 - ASME/ANSI B1.20.1



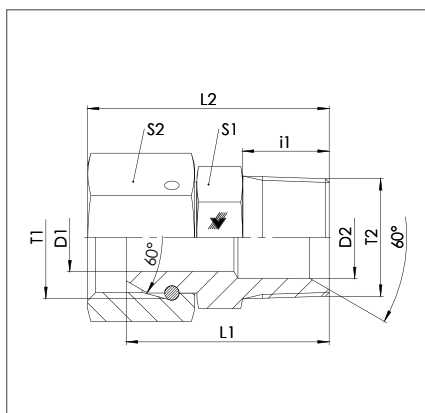
DKR - AGN

Dash	T1 mm	T2 mm	D1 mm	D2 mm	L1 mm	L2 mm	i1 mm	S1 mm	S2 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-4-4	1/4-BSPP	1/4-NPT	4	7	35,5	41	15,5	14	17	400	46	DKR 1/4 - AGN 1/4	125402
-6-6	3/8-BSPP	3/8-NPT	7	10	36,5	42,5	15,5	19	22	400	77	DKR 3/8 - AGN 3/8	125403
-8-8	1/2-BSPP	1/2-NPT	10	14	44	50,5	20	22	27	400	125	DKR 1/2 - AGN 1/2	125404
-8-12	1/2-BSPP	3/4-NPT	10	18	45	51,5	20	27	27	400	156	DKR 1/2 - AGN 3/4	244223
-12-12	3/4-BSPP	3/4-NPT	15	18	46	54,5	20	27	32	250	180	DKR 3/4 - AGN 3/4	125405
-16-16	1-BSPP	1-NPT	21	24	50,5	61,2	25	36	41	200	314	DKR 1 - AGN 1	125406
-20-20	1.1/4-BSPP	1.1/4-NPT	28	32	59	69	26	46	50	200	520	DKR 1.1/4 - AGN 1.1/4	125407
-24-24	1.1/2-BSPP	1.1/2-NPT	32	38	61,5	72,5	26	50	55	200	609	DKR 1.1/2 - AGN 1.1/2	125408
-32-32	2-BSPP	2-NPT	45	46	66,5	78,5	26	60	70	100	969	DKR 2 - AGN 2	125409

DKR - BSPT**BSPP-IG-einstellbar 60° Dichtkonus - BSPT-AG 60° Dichtkonus****BSPP-f-swivel 60° cone end - BSPT-m 60° cone end**

- Gerader Adapter
- mit 60° Dichtkonus
- Gewinde: BSPP - BSPT
- ISO 8434-6 / BS 5200 - DIN EN 10226-1

- straight adapter
- with 60° cone end
- thread: BSPP - BSPT
- ISO 8434-6 / BS 5200 - DIN EN 10226-1

**DKR - BSPT**

Dash	T1 mm	T2 mm	D1 mm	D2 mm	L1 mm	L2 mm	i1 mm	S1 mm	S2 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-4-4	1/4-BSPP	1/4-BSPT	4	7	34,5	40	15	14	17	400	39	DKR 1/4 - BSPT 1/4	125114
-6-4	3/8-BSPP	1/4-BSPT	7	7	34,5	40,5	15	17	22	400	61	DKR 3/8 - BSPT 1/4	207173
-6-6	3/8-BSPP	3/8-BSPT	7	10	35,5	41,5	15	19	22	400	75	DKR 3/8 - BSPT 3/8	125113
-8-8	1/2-BSPP	1/2-BSPT	10	14	42,5	49	19	22	27	400	124	DKR 1/2 - BSPT 1/2	125396
-12-12	3/4-BSPP	3/4-BSPT	15	18	44,5	53	19	27	32	250	179	DKR 3/4 - BSPT 3/4	125397
-16-16	1-BSPP	1-BSPT	21	24	49	61,2	24	36	41	200	321	DKR 1 - BSPT 1	125398
-20-20	1.1/4-BSPP	1.1/4-BSPT	28	32	57,5	69,5	25	46	50	200	531	DKR 1.1/4 - BSPT 1.1/4	125399
-24-24	1.1/2-BSPP	1.1/2-BSPT	32	38	61	72	26	50	55	200	611	DKR 1.1/2 - BSPT 1.1/2	125400
-32-32	2-BSPP	2-BSPT	45	46	67	79	26	65	70	100	1087	DKR 2 - BSPT 2	125401

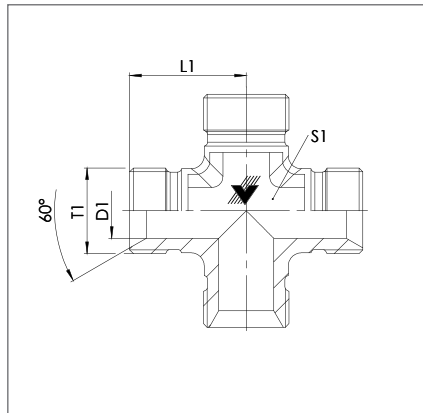
KAGR

BSPP-AG 60° Dichtkonus

BSPP-m 60° cone end

- Kreuzadapter
- mit 60° Dichtkonus
- Gewinde: BSPP
- ISO 8434-6 / BS 5200

- cross adapter
- with 60° cone end
- thread: BSPP
- ISO 8434-6 / BS 5200

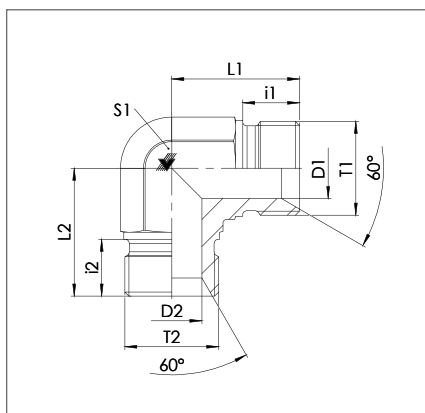


KAGR								
Dash	T1 mm	D1 mm	L1 mm	S1 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-2	1/8-BSPP	4	17	12	400	31	KAGR 1/8	125309
-4	1/4-BSPP	5	24	14	400	74	KAGR 1/4	125310
-6	3/8-BSPP	8	26	17	400	102	KAGR 3/8	125311
-8	1/2-BSPP	11	31	19	400	168	KAGR 1/2	125312
-12	3/4-BSPP	17	36	27	400	284	KAGR 3/4	125313
-16	1-BSPP	22	42	36	250	510	KAGR 1	125314
-20	1.1/4-BSPP	29	48	41	200	751	KAGR 1.1/4	125315
-24	1.1/2-BSPP	33	54,4	50	100	1179	KAGR 1.1/2	125316

AGR - AGR - 90°**BSPP-AG 60° Dichtkonus****BSPP-m 60° cone end**

- 90° Winkeladapter
- mit 60° Dichtkonus
- Gewinde: BSPP
- ISO 8434-6 / BS 5200

- 90° elbow adapter
- with 60° cone end
- thread: BSPP
- ISO 8434-6 / BS 5200

**AGR - AGR - 90°**

Dash	T1 mm	T2 mm	D1 mm	D2 mm	L1 mm	L2 mm	i1 mm	i2 mm	S1 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-2-2	1/8-BSPP	1/8-BSPP	4	4	17	17	8	8	11	400	19	AGR 1/8 90°	100070
-4-2	1/4-BSPP	1/8-BSPP	5	4	24	24	11	8	14	400	45	AGR 1/4 - AGR 1/8 90°	116256
-4-4	1/4-BSPP	1/4-BSPP	5	5	24	24	11	11	14	400	46	AGR 1/4 90°	100068
-6-4	3/8-BSPP	1/4-BSPP	8	5	27	27	12	11	19	400	86	AGR 3/8 - AGR 1/4 90°	116257
-6-6	3/8-BSPP	3/8-BSPP	8	8	27	27	12	12	19	400	85	AGR 3/8 90°	100095
-8-4	1/2-BSPP	1/4-BSPP	11	5	32	32	14	11	22	400	136	AGR 1/2 - AGR 1/4 90°	116844
-8-8	1/2-BSPP	1/2-BSPP	11	11	32	32	14	14	22	400	132	AGR 1/2 90°	100064
-12-12	3/4-BSPP	3/4-BSPP	17	17	36	36	16	16	27	400	189	AGR 3/4 90°	100092
-16-16	1-BSPP	1-BSPP	22	22	42	42	19	19	33	250	317	AGR 1 90°	100061
-32-32	2-BSPP	2-BSPP	46	46	70	70	25	25	65	100	1765	AGR 2 90°	114785

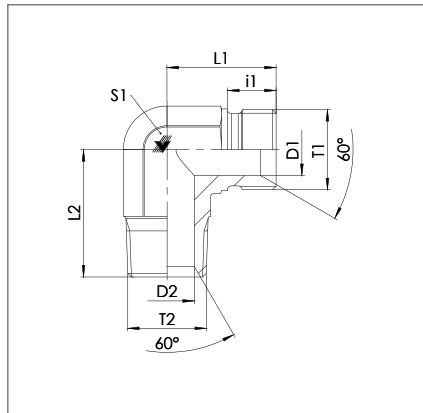
AGR - AGN - 90°

BSPP-AG 60° Dichtkonus - NPT-AG 60° Dichtkonus

BSPP-m 60° cone end - NPT-m 60° cone end

- 90° Winkeladapter
- mit 60° Dichtkonus
- Gewinde: BSPP - NPT
- ISO 8434-6 / BS 5200 - ASME/ANSI B1.20.1

- 90° elbow adapter
- with 60° cone end
- thread: BSPP - NPT
- ISO 8434-6 / BS 5200 - ASME/ANSI B1.20.1



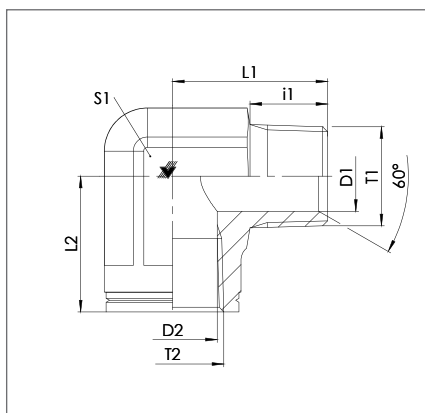
AGR - AGN - 90°

Dash	T1 mm	T2 mm	D1 mm	D2 mm	L1 mm	L2 mm	i1 mm	S1 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-2-2	1/8-BSPP	1/8-NPT	4	5	17	20	8	11	400	20	AGR 1/8 - AGN 1/8 90°	207187
-4-4	1/4-BSPP	1/4-NPT	5	7	24	28	11	14	400	47	AGR 1/4 - AGN 1/4 90°	207188
-6-6	3/8-BSPP	3/8-NPT	8	10	27	31	12	19	400	87	AGR 3/8 - AGN 3/8 90°	207189
-8-8	1/2-BSPP	1/2-NPT	11	14	32	37	14	22	400	130	AGR 1/2 - AGN 1/2 90°	207190
-12-12	3/4-BSPP	3/4-NPT	17	18	36	42	16	27	400	205	AGR 3/4 - AGN 3/4 90°	207191
-16-16	1-BSPP	1-NPT	22	24	42	50	19	33	250	338	AGR 1 - AGN 1 90°	207192
-20-20	1.1/4-BSPP	1.1/4-NPT	29	32	48	56	20	41	200	543	AGR 1.1/4 - AGN 1.1/4 90°	207193
-24-24	1.1/2-BSPP	1.1/2-NPT	33	38	54	59	22	48	200	778	AGR 1.1/2 - AGN 1.1/2 90°	207194
-32-32	2-BSPP	2-NPT	46	46	70	70	25	65	100	1783	AGR 2 - AGN 2 90°	207195

AGN - NPT-f - 90°**NPT-AG 60° Dichtkonus - NPT-IG****NPT-m 60° cone end - NPT-f**

- 90° Winkeladapter
- mit 60° Dichtkonus
- Gewinde: NPT
- ASME/ANSI B1.20.1

- 90° elbow adapter
- with 60° cone end
- thread: NPT
- ASME/ANSI B1.20.1

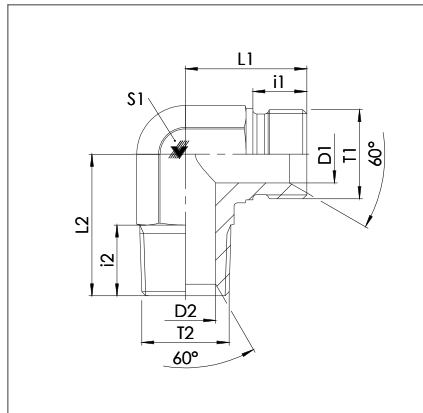
**AGN - NPT-f - 90°**

Dash	T1 mm	T2 mm	D1 mm	D2 mm	L1 mm	L2 mm	i1 mm	S1 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-4-4	1/4-NPT	1/4-NPT-f	7	11	28	22	15	19	550	75	AGN 1/4 - NPT-f 1/4 90°	212682
-6-6	3/8-NPT	3/8-NPT-f	10	14	31	26	15,5	22	550	108	AGN 3/8 - NPT-f 3/8 90°	212681
-8-8	1/2-NPT	1/2-NPT-f	14	17	37	31	20	27	550	182	AGN 1/2 - NPT-f 1/2 90°	212841
-12-12	3/4-NPT	3/4-NPT-f	18	22	40	35	20	33	400	293	AGN 3/4 - NPT-f 3/4 90°	212842
-16-16	1-NPT	1-NPT-f	24	29	50	41	25	41	350	507	AGN 1 - NPT-f 1 90°	212843
-20-20	1.1/4-NPT	1.1/4-NPT-f	32	37	61	43	25,5	48	125	738	AGN 1.1/4 - NPT-f 1.1/4 90°	212844

AGR - BSPT - 90°**BSPP-AG 60° Dichtkonus - BSPT-AG 60° Dichtkonus****BSPP-m 60° cone end - BSPT-m 60° cone end**

- 90° Winkeladapter
- mit 60° Dichtkonus
- Gewinde: BSPP - BSPT
- ISO 8434-6 / BS 5200 - DIN EN 10226-1

- 90° elbow adapter
- with 60° cone end
- thread: BSPP - BSPT
- ISO 8434-6 / BS 5200 - DIN EN 10226-1

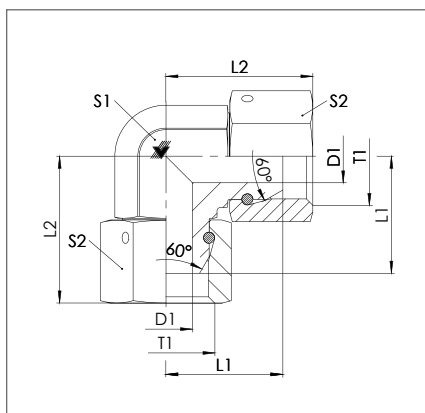
**AGR - BSPT - 90°**

Dash	T1 mm	T2 mm	D1 mm	D2 mm	L1 mm	L2 mm	i1 mm	i2 mm	S1 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-2-2	1/8-BSPP	1/8-BSPT	4	5	17	20	8	12	10	400	17	AGR 1/8 - BSPT 1/8 90°	125265
-4-4	1/4-BSPP	1/4-BSPT	5	7	24	28	11	16,5	14	400	46	AGR 1/4 - BSPT 1/4 90°	201398
-6-6	3/8-BSPP	3/8-BSPT	8	10	27	31	12	17	19	400	85	AGR 3/8 - BSPT 3/8 90°	204455
-8-8	1/2-BSPP	1/2-BSPT	11	14	32	37	14	21	22	400	127	AGR 1/2 - BSPT 1/2 90°	204456
-12-12	3/4-BSPP	3/4-BSPT	17	18	36	42	16	21	27	400	198	AGR 3/4 - BSPT 3/4 90°	204457
-16-16	1-BSPP	1-BSPT	22	24	42	50	19	24	33	250	330	AGR 1 - BSPT 1 90°	204458
-20-20	1.1/4-BSPP	1.1/4-BSPT	29	32	48	56	20	25	41	200	527	AGR 1.1/4 - BSPT 1.1/4 90°	125271
-24-24	1.1/2-BSPP	1.1/2-BSPT	33	38	54	59	22	26	48	200	750	AGR 1.1/2 - BSPT 1.1/2 90°	125272
-32-32	2-BSPP	2-BSPT	46	46	70	70	25	32	65	100	1711	AGR 2 - BSPT 2 90°	125273

DKR - DKR - 90°**BSPP-IG-einstellbar 60° Dichtkonus****BSPP-f-swivel 60° cone end**

- 90° Winkeladapter
- mit 60° Dichtkonus
- Gewinde: BSPP
- ISO 8434-6 / BS 5200

- 90° elbow adapter
- with 60° cone end
- thread: BSPP
- ISO 8434-6 / BS 5200

**DKR - DKR - 90°**

Dash	T1 mm	D1 mm	L1 mm	L2 mm	S1 mm	S2 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-2-2	1/8-BSPP	3	18	22	11	14	400	39	DKR 1/8 90°	125421
-4-4	1/4-BSPP	4	25	30,5	14	17	400	81	DKR 1/4 90°	125422
-6-6	3/8-BSPP	7	26	32	19	22	400	143	DKR 3/8 90°	125423
-8-8	1/2-BSPP	10	32	38,5	22	27	400	234	DKR 1/2 90°	125424
-10-10	5/8-BSPP	13	30	39,5	22	30	250	253	DKR 5/8 90°	207225
-12-12	3/4-BSPP	15	33	41,5	27	32	250	326	DKR 3/4 90°	125425
-16-16	1-BSPP	21	38	48,7	33	41	200	552	DKR 1 90°	125426
-20-20	1.1/4-BSPP	28	48	58	41	50	200	936	DKR 1.1/4 90°	125427
-24-24	1.1/2-BSPP	32	50	61	48	55	200	1199	DKR 1.1/2 90°	125428
-32-32	2-BSPP	45	70	82	65	70	100	2622	DKR 2 90°	125429

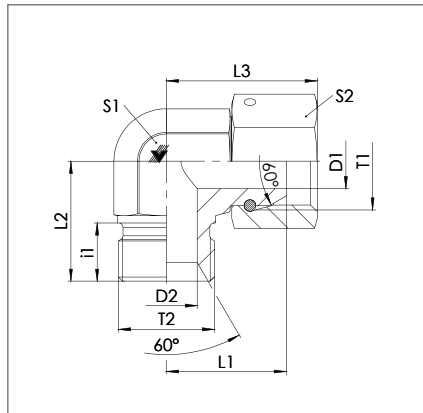
DKR - AGR - 90°

BSPP-IG-einstellbar 60° Dichtkonus - BSPP-AG 60° Dichtkonus

BSPP-f-swivel 60° cone end - BSPP-m 60° cone end

- 90° Winkeladapter
- mit 60° Dichtkonus
- Gewinde: BSPP
- ISO 8434-6 / BS 5200

- 90° elbow adapter
- with 60° cone end
- thread: BSPP
- ISO 8434-6 / BS 5200



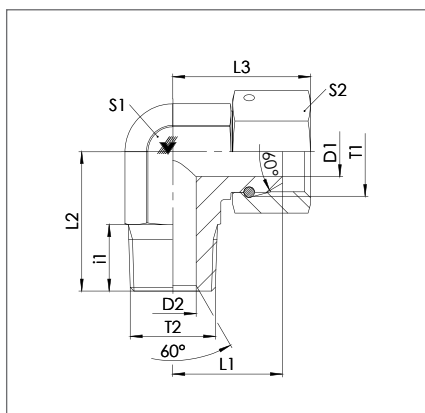
DKR - AGR - 90°

Dash	T1 mm	T2 mm	D1 mm	D2 mm	L1 mm	L2 mm	L3 mm	i1 mm	S1 mm	S2 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-2-2	1/8-BSPP	1/8-BSPP	3	4	18	18	22	8	11	14	400	30	DKR 1/8 - AGR 1/8 90°	125412
-4-4	1/4-BSPP	1/4-BSPP	4	5	25	25	30,5	11	14	17	400	66	DKR 1/4 - AGR 1/4 90°	125413
-6-6	3/8-BSPP	3/8-BSPP	7	8	26	26	32,5	12	19	22	400	115	DKR 3/8 - AGR 3/8 90°	125414
-8-8	1/2-BSPP	1/2-BSPP	11	8	30	30	36,5	14	19	27	400	157	DKR 1/2 - AGR 1/2 90°	125415
-10-10	5/8-BSPP	5/8-BSPP	13	14	30	31	40,5	16	22	30	400	192	DKR 5/8 - AGR 5/8 90°	207164
-12-12	3/4-BSPP	3/4-BSPP	15	17	33	33	41,5	16	27	32	250	251	DKR 3/4 - AGR 3/4 90°	125416
-16-16	1-BSPP	1-BSPP	21	22	38	38	50,2	19	33	41	200	435	DKR 1 - AGR 1 90°	125130
-20-20	1.1/4-BSPP	1.1/4-BSPP	28	29	48	48	60	20	41	50	200	764	DKR 1.1/4 - AGR 1.1/4 90°	125417
-24-24	1.1/2-BSPP	1.1/2-BSPP	32	33	50	50	61	22	48	55	200	994	DKR 1.1/2 - AGR 1.1/2 90°	125418
-32-32	2-BSPP	2-BSPP	45	46	70	70	82	25	65	70	100	2212	DKR 2 - AGR 2 90°	125419

DKR - AGN - 90°**BSPP-IG-einstellbar 60° Dichtkonus - NPT-AG 60° Dichtkonus****BSPP-f-swivel 60° cone end - NPT-m 60° cone end**

- 90° Winkeladapter
- mit 60° Dichtkonus
- Gewinde: BSPP - NPT
- ISO 8434-6 / BS 5200

- 90° elbow adapter
- with 60° cone end
- thread: BSPP - NPT
- ISO 8434-6 / BS 5200

**DKR - AGN - 90°**

Dash	T1 mm	T2 mm	D1 mm	D2 mm	L1 mm	L2 mm	L3 mm	i1 mm	S1 mm	S2 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-2-2	1/8-BSPP	1/8-NPT	3	5	18	20	22	11	11	14	400	30	DKR 1/8 - AGN 1/8 90°	207393
-4-4	1/4-BSPP	1/4-NPT	4	7	25	28	30,5	16,5	14	17	400	65	DKR 1/4 - AGN 1/4 90°	207394
-6-6	3/8-BSPP	3/8-NPT	7	10	26	31	32	15,5	19	22	400	115	DKR 3/8 - AGN 3/8 90°	207395
-8-8	1/2-BSPP	1/2-NPT	10	14	32	37	38,5	20	22	27	400	182	DKR 1/2 - AGN 1/2 90°	207396
-12-12	3/4-BSPP	3/4-NPT	15	14	33	42	41,5	20	27	32	250	269	DKR 3/4 - AGN 3/4 90°	207397
-16-16	1-BSPP	1-NPT	21	24	38	50	50,2	27	33	41	200	459	DKR 1 - AGN 1 90°	207398
-20-20	1.1/4-BSPP	1.1/4-NPT	28	32	48	56	60	26	41	50	200	757	DKR 1.1/4 - AGN 1.1/4 90°	207399
-24-24	1.1/2-BSPP	1.1/2-NPT	32	38	50	59	61	26	48	55	200	944	DKR 1.1/2 - AGN 1.1/2 90°	207400
-32-32	2-BSPP	2-NPT	45	46	70	70	82	26	65	70	100	2191	DKR 2 - AGN 2 90°	207401

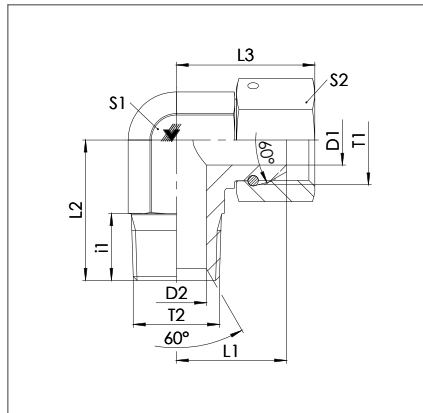
DKR - BSPT - 90°

BSPP-IG-einstellbar 60° Dichtkonus - BSPT-AG 60° Dichtkonus

BSPP-f-swivel 60° cone end - BSPT-m 60° cone end

- 90° Winkeladapter
- mit 60° Dichtkonus
- Gewinde: BSPP - BSPT
- ISO 8434-6 / BS 5200 - DIN EN 10226-1

- 90° elbow adapter
- with 60° cone end
- thread: BSPP - BSPT
- ISO 8434-6 / BS 5200 - DIN EN 10226-1



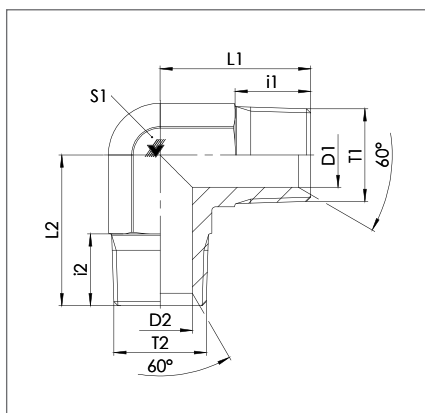
DKR - BSPT - 90°

Dash	T1 mm	T2 mm	D1 mm	D2 mm	L1 mm	L2 mm	L3 mm	i1 mm	S1 mm	S2 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-2-2	1/8-BSPP	1/8-BSPT	3	5	18	20	22	10	11	14	400	31	DKR 1/8 - BSPT 1/8 90°	125430
-4-4	1/4-BSPP	1/4-BSPT	4	7	25	28	30,5	15	14	17	400	66	DKR 1/4 - BSPT 1/4 90°	204210
-6-6	3/8-BSPP	3/8-BSPT	7	10	26	31	32	15	19	22	400	117	DKR 3/8 - BSPT 3/8 90°	204211
-8-8	1/2-BSPP	1/2-BSPT	10	14	30	37	36,5	19	22	27	400	179	DKR 1/2 - BSPT 1/2 90°	204212
-12-12	3/4-BSPP	3/4-BSPT	15	18	33	42	41,5	20	27	32	250	274	DKR 3/4 - BSPT 3/4 90°	204213
-16-16	1-BSPP	1-BSPT	21	24	38	50	50,2	24	33	41	200	466	DKR 1 - BSPT 1 90°	204214
-20-20	1.1/4-BSPP	1.1/4-BSPT	28	32	48	56	60	26	41	50	200	761	DKR 1.1/4 - BSPT 1.1/4 90°	125439
-24-24	1.1/2-BSPP	1.1/2-BSPT	32	38	50	59	61	26	48	55	200	952	DKR 1.1/2 - BSPT 1.1/2 90°	125440
-32-32	2-BSPP	2-BSPT	45	46	70	70	82	30	65	70	100	2202	DKR 2 - BSPT 2 90°	125441

BSPT - BSPT - 90°**BSPT-AG 60° Dichtkonus****BSPT-m 60° cone end**

- 90° Winkeladapter
- mit 60° Dichtkonus
- Gewinde: BSPT
- DIN EN 10226-1

- 90° elbow adapter
- with 60° cone end
- thread: BSPT
- DIN EN 10226-1

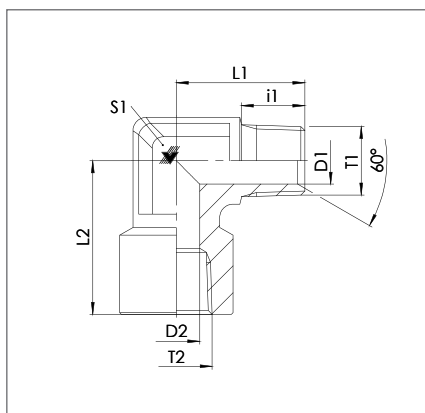
**BSPT - BSPT - 90°**

Dash	T1 mm	T2 mm	D1 mm	D2 mm	L1 mm	L2 mm	i1 mm	i2 mm	S1 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-2-2	1/8-BSPT	1/8-BSPT	5	5	20	20	11	11	11	550	21	BSPT 1/8 - BSPT 1/8 90°	207375
-4-4	1/4-BSPT	1/4-BSPT	7	7	28	28	15	16	14	550	49	BSPT 1/4 - BSPT 1/4 90°	207376
-6-6	3/8-BSPT	3/8-BSPT	10	10	31	31	15	15	19	550	88	BSPT 3/8 - BSPT 3/8 90°	207377
-8-8	1/2-BSPT	1/2-BSPT	14	14	37	37	19	19	22	400	130	BSPT 1/2 - BSPT 1/2 90°	207378
-12-12	3/4-BSPT	3/4-BSPT	18	18	42	42	21	20	27	400	217	BSPT 3/4 - BSPT 3/4 90°	207379
-16-16	1-BSPT	1-BSPT	24	24	47	47	24	24	33	350	331	BSPT 1 - BSPT 1 90°	207380
-20-20	1.1/4-BSPT	1.1/4-BSPT	32	32	52	56	26	26	41	200	522	BSPT 1.1/4 - BSPT 1.1/4 90°	207381
-24-24	1.1/2-BSPT	1.1/2-BSPT	38	38	51	59	23	26	50	200	740	BSPT 1.1/2 - BSPT 1.1/2 90°	207382
-32-32	2-BSPT	2-BSPT	46	46	70	70	30	30	65	100	1740	BSPT 2 - BSPT 2 90°	207383

BSPT - BSPT-f - 90°**BSPT-AG 60° Dichtkonus - BSPT-IG****BSPT-m 60° cone end - BSPT-f**

- 90° Winkeladapter
- mit 60° Dichtkonus
- Gewinde: BSPT
- DIN EN 10226-1

- 90° elbow adapter
- with 60° cone end
- thread: BSPT
- DIN EN 10226-1

**BSPT - BSPT-f - 90°**

Dash	T1 mm	T2 mm	D1 mm	D2 mm	L1 mm	L2 mm	i1 mm	S1 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-4-4	1/4-BSPT	1/4-BSPT-f	7	7	28	22	15	19	400	77	BSPT 1/4 - BSPT-f 1/4 90°	204221
-6-6	3/8-BSPT	3/8-BSPT-f	10	10	31	26	15	22	400	111	BSPT 3/8 - BSPT-f 3/8 90°	204222
-8-8	1/2-BSPT	1/2-BSPT-f	14	14	37	32	19	27	400	188	BSPT 1/2 - BSPT-f 1/2 90°	204223
-12-12	3/4-BSPT	3/4-BSPT-f	18	18	40	36	19	33	400	312	BSPT 3/4 - BSPT-f 3/4 90°	204224
-16-16	1-BSPT	1-BSPT-f	24	24	50	43	25	41	250	533	BSPT 1 - BSPT-f 1 90°	204225
-20-20	1.1/4-BSPT	1.1/4-BSPT-f	32	32	61	49	28	50	200	859	BSPT 1.1/4 - BSPT-f 1.1/4 90°	204226

BSPP-f - BSPP-f - 90°

BSPP-IG starr

BSPP-f-fixed

■ 90° Winkeladapter

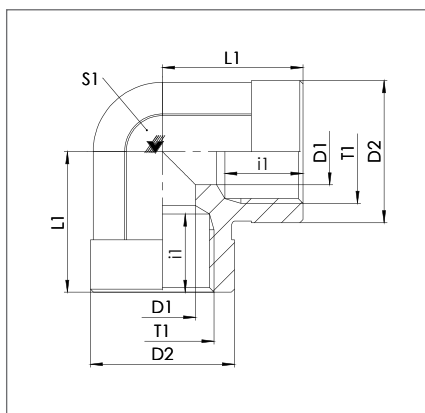
■ Gewinde: BSPP

■ ISO 1179-1

■ 90° elbow adapter

■ thread: BSPP

■ ISO 1179-1

**BSPP-f - BSPP-f - 90°**

Dash	T1 mm	D1 mm	D2 mm	L1 mm	i1 mm	S1 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-2-2	1/8-BSPP-f	4	16,9	17	10,2	14	350	37	BSPP-f 1/8 90°	125275
-4-4	1/4-BSPP-f	11,8	22	22	13,7	19	350	75	BSPP-f 1/4 90°	125276
-6-6	3/8-BSPP-f	8	24,8	26	14	22	350	126	BSPP-f 3/8 90°	125277
-8-8	1/2-BSPP-f	11	29,7	32	18,6	27	350	220	BSPP-f 1/2 90°	125278
-12-12	3/4-BSPP-f	17	36,9	36	20	33	250	348	BSPP-f 3/4 90°	125279
-16-16	1-BSPP-f	22	45	43	23,7	41	250	614	BSPP-f 1 90°	125280
-20-20	1.1/4-BSPP-f	29	51	49	26	48	100	790	BSPP-f 1.1/4 90°	125281

NPT-f - NPT-f - 90°

NPT-IG

NPT-f

■ 90° Winkeladapter

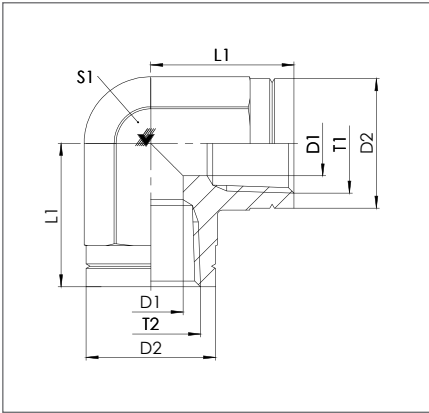
■ Gewinde: NPT

■ ASME/ANSI B 1.20.1

■ 90° elbow adapter

■ thread: NPT

■ ASME/ANSI B 1.20.1

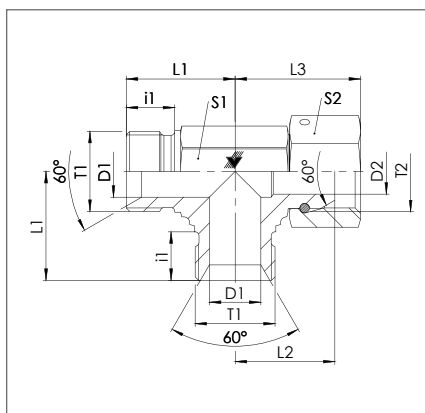


NPT-female - NPT-female - 90°									
Dash	T1 mm	D1 mm	D2 mm	L1 mm	S1 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-2-2	1/8-NPT-f	5	16	17	14	500	34	NPT-f 1/8 - NPT-f 1/8 90°	125266
-4-4	1/4-NPT-f	7	19	26	19	420	90	NPT-f 1/4 - NPT-f 1/4 90°	125267
-6-6	3/8-NPT-f	14	23	26	22	350	104	NPT-f 3/8 - NPT-f 3/8 90°	125268
-8-8	1/2-NPT-f	14	28	31	27	350	192	NPT-f 1/2 - NPT-f 1/2 90°	125269
-12-12	3/4-NPT-f	23	35	35	33	350	275	NPT-f 3/4 - NPT-f 3/4 90°	125270
-16-16	1-NPT-f	29	43	41	41	250	499	NPT-f 1 - NPT-f 1 90°	125284

L - AGR - AGR - DKR**BSPP-AG 60° Dichtkonus - BSPP-AG 60° Dichtkonus - BSPP-IG-einstellbar 60° Dichtkonus****BSPP-m 60° cone end - BSPP-m 60° cone end - BSPP-f-swivel 60° cone end**

- L - Adapter
- mit 60° Dichtkonus
- Gewinde: BSPP
- ISO 8434-6 / BS 5200

- L - adapter
- with 60° cone end
- thread: BSPP
- ISO 8434-6 / BS 5200

**L - AGR - AGR - DKR**

Dash	T1 mm	T2 mm	D1 mm	D2 mm	L1 mm	L2 mm	L3 mm	i1 mm	S1 mm	S2 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-2-2-2	1/8-BSPP	1/8-BSPP-f	4	3	17	18	22	8	11	14	400	35	LAGR 1/8 - AGR 1/8 - DKR 1/8	125450
-4-4-4	1/4-BSPP	1/4-BSPP-f	5	4	24	25	30,5	11	14	17	400	79	LAGR 1/4 - AGR 1/4 - DKR 1/4	125452
-6-6-6	3/8-BSPP	3/8-BSPP-f	8	7	27	26	32	12	19	22	400	140	LAGR 3/8 - AGR 3/8 - DKR 3/8	125454
-8-8-8	1/2-BSPP	1/2-BSPP-f	11	10	32	32	38,5	14	22	27	400	224	LAGR 1/2 - AGR 1/2 - DKR 1/2	125455
-12-12-12	3/4-BSPP	3/4-BSPP-f	17	15	36	33	41,5	16	27	32	250	307	LAGR 3/4 - AGR 3/4 - DKR 3/4	125456
-16-16-16	1-BSPP	1-BSPP-f	22	21	42	38	48,7	19	33	41	200	516	LAGR 1 - AGR 1 - DKR 1	125457
-20-20-20	1.1/4-BSPP	1.1/4-BSPP-f	29	28	48	48	58	20	41	50	200	855	LAGR 1.1/4 - AGR 1.1/4 - DKR 1.1/4	125458
-24-24-24	1.1/2-BSPP	1.1/2-BSPP-f	33	32	54	50	61	22	48	55	200	1195	LAGR 1.1/2 - AGR 1.1/2 - DKR 1.1/2	125459
-32-32-32	2-BSPP	2-BSPP-f	46	45	70	70	82	25	65	70	100	2497	LAGR 2 - AGR 2 - DKR 2	125460

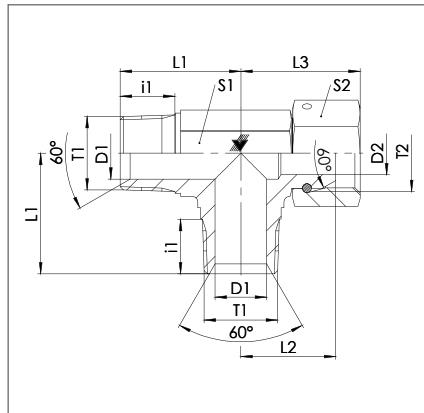
L - BSPT - BSPT - DKR

BSPT-AG 60° Dichtkonus - BSPT-AG 60° Dichtkonus - BSPP-IG-einstellbar 60° Dichtkonus

BSPT-m 60° cone end - BSPT-m 60° cone end - BSPP-f-swivel 60° cone end

- L - Adapter
- mit 60° Dichtkonus
- Gewinde: BSPT - BSPP
- DIN EN 10226-1 - ISO 8434-6 / BS 5200

- L - adapter
- with 60° cone end
- thread: BSPT - BSPP
- DIN EN 10226-1 - ISO 8434-6 / BS 5200



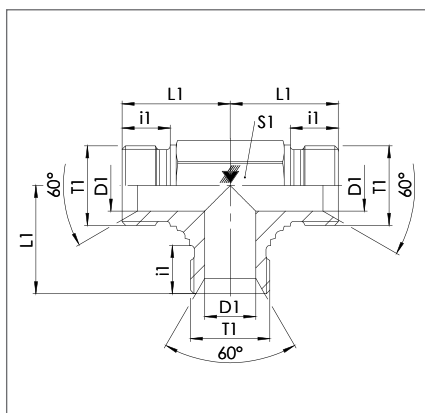
L - AGR - AGR - DKR

Dash	T1 mm	T2 mm	D1 mm	D2 mm	L1 mm	L2 mm	L3 mm	i1 mm	S1 mm	S2 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-2-2-2	1/8-BSPT	1/8-BSPP-f	5	3	20	18	22	10	11	14	400	37	LBSPT 1/8 - BSPT 1/8 - DKR 1/8	207461
-4-4-4	1/4-BSPT	1/4-BSPP-f	7	4	28	25	30,5	16	14	17	400	80	LBSPT 1/4 - BSPT 1/4 - DKR 1/4	207462
-6-6-6	3/8-BSPT	3/8-BSPP-f	10	7	31	26	32	16	19	22	400	137	LBSPT 3/8 - BSPT 3/8 - DKR 3/8	207463
-8-8-8	1/2-BSPT	1/2-BSPP-f	14	10	37	32	38,5	19	22	27	400	214	LBSPT 1/2 - BSPT 1/2 - DKR 1/2	207464
-12-12-12	3/4-BSPT	3/4-BSPP-f	18	15	42	33	41,5	19	27	32	250	324	LBSPT 3/4 - BSPT 3/4 - DKR 3/4	207465
-16-16-16	1-BSPT	1-BSPP-f	24	21	50	38	48,7	24	33	41	200	538	LBSPT 1 - BSPT 1 - DKR 1	207466
-20-20-20	1.1/4-BSPT	1.1/4-BSPP-f	32	28	52	48	58	25	41	50	200	795	LBSPT 1.1/4 - BSPT 1.1/4 - DKR 1.1/4	207467
-24-24-24	1.1/2-BSPT	1.1/2-BSPP-f	38	32	59	50	61	26	48	55	200	1037	LBSPT 1.1/2 - BSPT 1.1/2 - DKR 1.1/2	207468
-32-32-32	2-BSPT	2-BSPP-f	46	45	70	70	82	32	65	70	100	2394	LBSPT 2 - BSPT 2 - DKR 2	207469

TAGR**BSPP-AG 60° Dichtkonus****BSPP-m 60° cone end**

- T - Adapter
- mit 60° Dichtkonus
- Gewinde: BSPP
- ISO 8434-6 / BS 5200

- T - adapter
- with 60° cone end
- thread: BSPP
- ISO 8434-6 / BS 5200



TAGR									
Dash	T1 mm	D1 mm	L1 mm	i1 mm	S1 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-2-2-2	1/8-BSPP	4	17	8	11	400	25	TAGR 1/8	125285
-4-4-4	1/4-BSPP	5	24	11	14	400	62	TAGR 1/4	125286
-6-6-6	3/8-BSPP	8	27	12	19	400	111	TAGR 3/8	125287
-8-8-8	1/2-BSPP	11	32	14	22	400	174	TAGR 1/2	125288
-12-12-12	3/4-BSPP	17	36	16	27	400	244	TAGR 3/4	125289
-16-16-16	1-BSPP	22	42	19	33	250	404	TAGR 1	125290
-20-20-20	1.1/4-BSPP	29	48	20	41	200	664	TAGR 1.1/4	125291
-24-24-24	1.1/2-BSPP	33	54	22	48	200	1023	TAGR 1.1/2	125292
-32-32-32	2-BSPP	46	70	25	65	100	2086	TAGR 2	125293

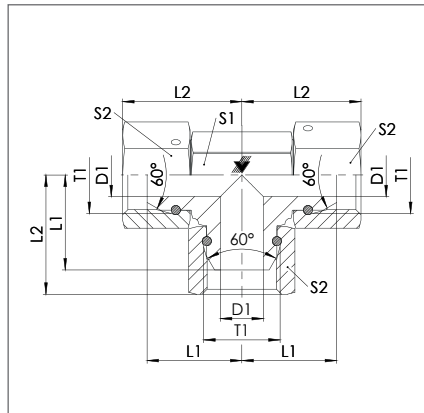
TDKR

BSPP-IG-einstellbar 60° Dichtkonus

BSPP-f-swivel 60° cone end

- T - Adapter
- mit 60° Dichtkonus
- Gewinde: BSPP
- ISO 8434-6 / BS 5200

- T - adapter
- with 60° cone end
- thread: BSPP
- ISO 8434-6 / BS 5200



TDKR

Dash	T1 mm	D1 mm	L1 mm	L2 mm	S1 mm	S2 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-2-2-2	1/8-BSPP	3	18	22	11	14	400	56	TDKR 1/8	125470
-4-4-4	1/4-BSPP	4	25	30,5	14	17	400	115	TDKR 1/4	125471
-6-6-6	3/8-BSPP	7	26	32	19	22	400	198	TDKR 3/8	125472
-8-8-8	1/2-BSPP	10	32	38,5	22	27	400	325	TDKR 1/2	125473
-12-12-12	3/4-BSPP	15	33	41,5	27	32	250	444	TDKR 3/4	125474
-16-16-16	1-BSPP	21	38	48,7	33	41	200	748	TDKR 1	125475
-20-20-20	1.1/4-BSPP	28	48	58	41	50	200	1252	TDKR 1.1/4	125476
-24-24-24	1.1/2-BSPP	32	50	61	48	55	200	1557	TDKR 1.1/2	125477
-32-32-32	2-BSPP	45	70	82	65	70	100	3334	TDKR 2	125478

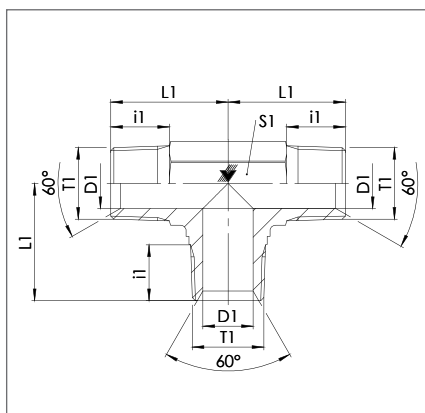
TAGN

NPT-AG 60° Dichtkonus

NPT-m 60° cone end

- T - Adapter
- mit 60° Dichtkonus
- Gewinde: NPT
- ASME/ANSI B 1.20.1

- T - adapter
- with 60° cone end
- thread: NPT
- ASME/ANSI B 1.20.1

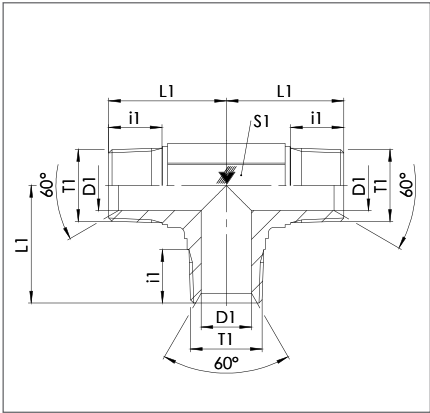


TAGN									
Dash	T1 mm	D1 mm	L1 mm	i1 mm	S1 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-2-2-2	1/8-NPT	5	20	11	11	550	29	TAGN 1/8	125562
-4-4-4	1/4-NPT	7	28	16,5	14	550	66	TAGN 1/4	125563
-6-6-6	3/8-NPT	10	31	16	19	550	116	TAGN 3/8	125569
-8-8-8	1/2-NPT	14	37	20	22	550	172	TAGN 1/2	125564
-12-12-12	3/4-NPT	18	42	21	27	400	283	TAGN 3/4	125565
-16-16-16	1-NPT	24	50	25,5	33	350	464	TAGN 1	125566
-20-20-20	1.1/4-NPT	32	52	22	41	125	631	TAGN 1.1/4	125567
-24-24-24	1.1/2-NPT	38	59	26	48	125	889	TAGN 1.1/2	125568
-32-32-32	2-NPT	46	70	26	65	100	2154	TAGN 2	126569

TBSPT
BSPT-AG 60° Dichtkonus
BSPT-m 60° cone end

- T - Adapter
- mit 60° Dichtkonus
- Gewinde: BSPT
- DIN EN 10226-1

- T - adapter
- with 60° cone end
- thread: BSPT
- DIN EN 10226-1

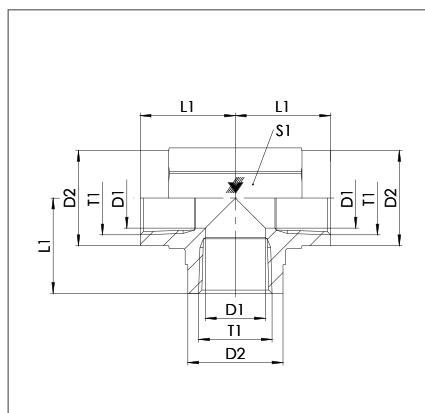


TBSPT									
Dash	T1 mm	D1 mm	L1 mm	i1 mm	S1 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-2-2-2	1/8-BSPT	5	20	10	11	550	29	TBSPT 1/8	203997
-4-4-4	1/4-BSPT	7	25	14	14	550	49	TBSPT 1/4	203998
-6-6-6	3/8-BSPT	10	31	16	19	550	115	TBSPT 3/8	203999
-8-8-8	1/2-BSPT	14	37	19	22	400	174	TBSPT 1/2	204000
-12-12-12	3/4-BSPT	18	42	19	27	400	284	TBSPT 3/4	204001
-16-16-16	1-BSPT	24	50	24	33	350	465	TBSPT 1	204002
-32-32-32	2-BSPT	46	70	32	65	100	2015	TBSPT 2	204527

TBSPT-f**BSPT-IG****BSPT-f**

■ T - Adapter
 ■ Gewinde: BSPT
 ■ DIN EN 10226-1

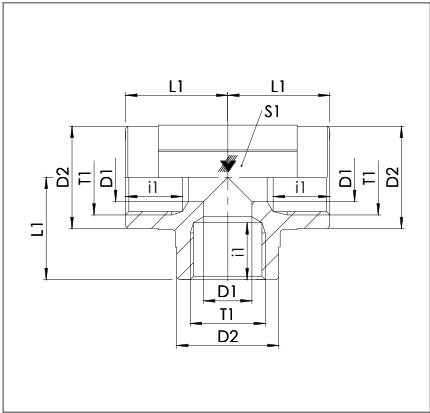
■ T - adapter
 ■ thread: BSPT
 ■ DIN EN 10226-1

**TBSPT-f**

Dash	T1 mm	D1 mm	D2 mm	L1 mm	S1 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-2-2-2	1/8-BSPT-f	7	16	17	14	400	44	TBSPT-f 1/8	203910
-4-4-4	1/4-BSPT-f	10	19	22	19	400	92	TBSPT-f 1/4	203911
-6-6-6	3/8-BSPT-f	13	22	26	22	400	129	TBSPT-f 3/8	203912
-8-8-8	1/2-BSPT-f	17	27	31	27	400	217	TBSPT-f 1/2	203913
-12-12-12	3/4-BSPT-f	22	35	35	33	200	356	TBSPT-f 3/4	203914
-16-16-16	1-BSPT-f	28	41	41	41	200	556	TBSPT-f 1	203915

TBSPP-f
BSPP-IG starr
BSPP-f-fixed

- T - Adapter
- Gewinde: BSPP
- ISO 1179-1
- T - adapter
- thread: BSPP
- ISO 1179-1

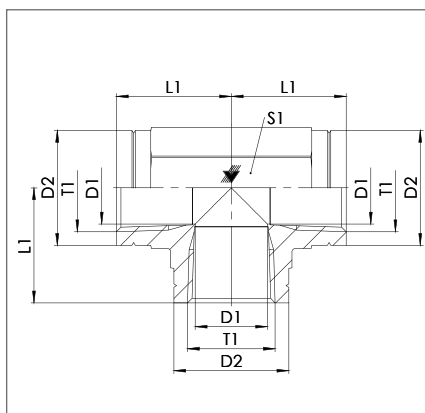


TBSPP-f										
Dash	T1 mm	D1 mm	D2 mm	L1 mm	i1 mm	S1 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-2-2-2	1/8-BSPP	4	17,8	17	10	14	350	51	TBSPP-f 1/8	125294
-4-4-4	1/4-BSPP	5	21	22	14	19	350	106	TBSPP-f 1/4	125295
-6-6-6	3/8-BSPP	8	25	26	14	22	350	161	TBSPP-f 3/8	125296
-8-8-8	1/2-BSPP	11	28	32	19	27	250	256	TBSPP-f 1/2	125297
-12-12-12	3/4-BSPP	17	36	36	20	33	250	412	TBSPP-f 3/4	125298
-16-16-16	1-BSPP	22	45	43	24	41	250	742	TBSPP-f 1	125299
-20-20-20	1.1/4-BSPP	29	51	49	26	48	100	929	TBSPP-f 1.1/4	125300

TNPT-f**NPT-IG****NPT-f**

- T - Adapter
- Gewinde: NPT
- ASME/ANSI B 1.20.1

- T - adapter
- thread: NPT
- ASME/ANSI B 1.20.1



TNPT-f									
Dash	T1 mm	D1 mm	D2 mm	L1 mm	S1 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-2-2-2	1/8-NPT	7	16	17	14	500	42	TNPT-f 1/8	125303
-4-4-4	1/4-NPT	10	19	22	19	420	89	TNPT-f 1/4	125304
-6-6-6	3/8-NPT	13	22	26	22	350	126	TNPT-f 3/8	125305
-8-8-8	1/2-NPT	17	27	31	27	350	216	TNPT-f 1/2	125306
-12-12-12	3/4-NPT	22	35	35	33	350	357	TNPT-f 3/4	125307
-16-16-16	1-NPT	28	41	41	41	250	570	TNPT-f 1	125308

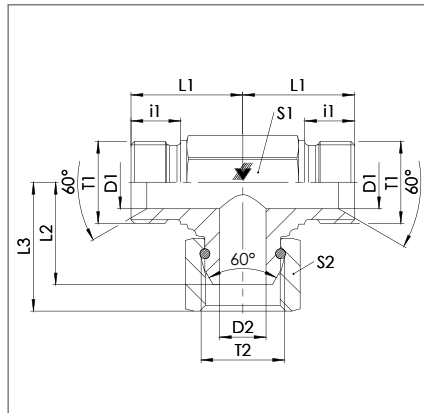
T - AGR - DKR - AGR

BSPP-AG 60° Dichtkonus - BSPP-IG-einstellbar 60° Dichtkonus - BSPP-AG 60° Dichtkonus

BSPP-m 60° cone end - BSPP-f-swivel 60° cone end - BSPP-m 60° cone end

- T - Adapter
- mit 60° Dichtkonus
- Gewinde: BSPP
- ISO 8434-6 / BS 5200

- T - adapter
- with 60° cone end
- thread: BSPP
- ISO 8434-6 / BS 5200



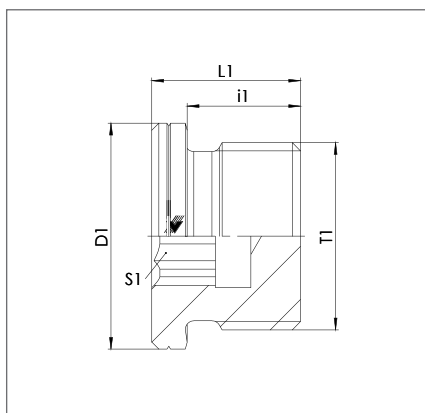
T - AGR - DKR - AGR

Dash	T1 mm	T2 mm	D1 mm	D2 mm	L1 mm	L2 mm	L3 mm	i1 mm	S1 mm	S2 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-2-2-2	1/8-BSPP	1/8-BSPP	4	3	17	18	22	8	11	14	400	35	TAGR 1/8 - DKR 1/8 - AGR 1/8	125461
-4-4-4	1/4-BSPP	1/4-BSPP	5	4	24	25	30,5	11	14	17	400	79	TAGR 1/4 - DKR 1/4 - AGR 1/4	125462
-6-6-6	3/8-BSPP	3/8-BSPP	8	7	27	26	32	12	19	22	400	140	TAGR 3/8 - DKR 3/8 - AGR 3/8	125463
-8-8-8	1/2-BSPP	1/2-BSPP	11	10	32	32	38,5	14	22	27	400	224	TAGR 1/2 - DKR 1/2 - AGR 1/2	125464
-12-12-12	3/4-BSPP	3/4-BSPP	17	15	36	33	41,5	16	27	32	400	310	TAGR 3/4 - DKR 3/4 - AGR 3/4	125465
-16-16-16	1-BSPP	1-BSPP	22	21	42	38	48,7	19	33	41	200	518	TAGR 1 - DKR 1 - AGR 1	125466
-20-20-20	1.1/4-BSPP	1.1/4-BSPP	29	28	48	48	58	20	41	50	200	859	TAGR 1.1/4 - DKR 1.1/4 - AGR 1.1/4	125467
-24-24-24	1.1/2-BSPP	1.1/2-BSPP	33	32	54	50	61	22	48	55	200	1201	TAGR 1.1/2 - DKR 1.1/2 - AGR 1.1/2	125468
-32-32-32	2-BSPP	2-BSPP	46	45	70	70	82	25	65	70	100	2505	TAGR 2 - DKR 2 - AGR 2	125469

VSCH - R**BSPP-AG****BSPP-m**

- Verschlusschraube
- für Einschraublöcher
- Abdichtung durch metallische Dichtkante
ISO 1179-4 Form B
- Gewinde: BSPP
- ISO 1179-4

- blanking plug
- for ports
- metallic sealing edge ISO 1179-4 Form B
- thread: BSPP
- ISO 1179-4

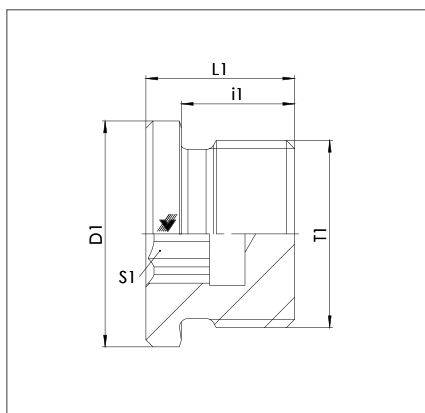
**VSCH - R**

T1 mm	D1 mm	L1 mm	i1 mm	S1 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
G1/8	14	12	8	5	400	7	VSCH R1/8	105421
G1/4	18	17	12	6	400	19	VSCH R1/4	105419
G3/8	22	17	12	8	400	29	VSCH R3/8	105427
G1/2	26	19	14	10	400	46	VSCH R1/2	105391
G3/4	32	21	16	12	400	82	VSCH R3/4	105425
G1	39	22,5	16	17	315	133	VSCH R1	105389
G1.1/4	50	22,5	16	22	315	214	VSCH R1.1/4	105429
G1.1/2	55	22,5	16	24	315	271	VSCH R1.1/2	105423

VSCH - M

metrisches AG
metric-m

- Verschlusschraube
- für Einschraublöcher
- Abdichtung durch metallische Dichtkante
ISO 9974-3 Form B
- Gewinde: M
- ISO 9974-3
- blanking plug
- for ports
- metallic sealing edge ISO 9974-3 Form B
- thread: M
- ISO 9974-3

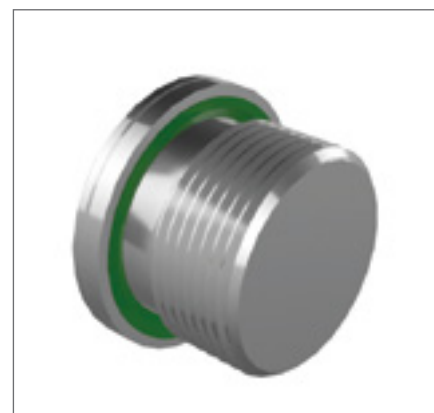
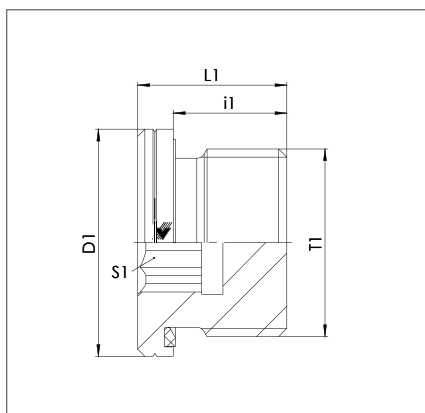


VSCH - M								
T1	D1	L1	i1	S1	PN	Gewicht Weight	Bezeichnung Name	Artikel-Nr. Article No.
mm	mm	mm	mm	mm	bar	g		
M10x1	14	12	8	5	400	8	VSCH M10x1	105395
M12x1,5	17	17	12	6	400	16	VSCH M12x1,5	105397
M14x1,5	19	17	12	6	400	22	VSCH M14x1,5	105399
M16x1,5	21	17	12	8	400	26	VSCH M16x1,5	105401
M18x1,5	23	17	12	8	400	34	VSCH M18x1,5	105403
M20x1,5	26	19	14	10	400	46	VSCH M20x1,5	105405
M22x1,5	27	19	14	10	400	54	VSCH M22x1,5	105407
M26x1,5	31	21	16	12	400	81	VSCH M26x1,5	105409
M27x2	32	21	16	12	400	86	VSCH M27x2	105411
M33x2	39	22,5	16	17	315	136	VSCH M33x2	105413
M42x2	49	22,5	16	22	250	214	VSCH M42x2	105415
M48x2	55	22,5	16	24	250	283	VSCH M48x2	105417

VSCH - R - WD**BSPP-AG / WD****BSPP-m / WD**

- Verschlusschraube
- für Einschraublöcher
- Abdichtung durch Viton Weichdichtung DIN 3869
- Gewinde: BSPP
- ISO 1179-2

- blanking plug
- for ports
- sealing by Viton elastic softseal DIN 3869
- thread: BSPP
- ISO 1179-2

**VSCH - R - WD**

T1 mm	D1 mm	L1 mm	i1 mm	S1 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
G1/8	14	12	8	5	400	7	VSCH R1/8 WD	105422
G1/4	19	17	12	6	400	19	VSCH R1/4 WD	105420
G3/8	22	17	12	8	400	28	VSCH R3/8 WD	105428
G1/2	27	19	14	10	400	48	VSCH R1/2 WD	105392
G3/4	32	21	16	12	400	81	VSCH R3/4 WD	105426
G1	40	22,5	16	17	400	133	VSCH R1 WD	105393
G1.1/4	50	22,5	16	22	315	206	VSCH R1.1/4 WD	105430
G1.1/2	55	22,5	16	24	315	264	VSCH R1.1/2 WD	105424
G2	75	34	24	24	250	779	VSCH R2 WD	216603

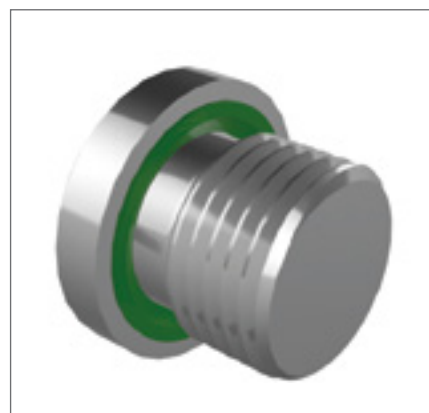
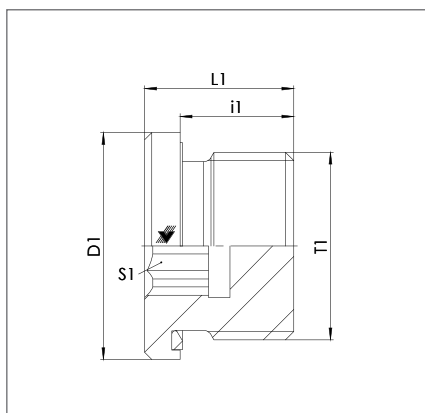
VSCH - M - WD

Metrisches AG / WD

Metric-m / WD

- Verschlusschraube
- für Einschraubblöcher
- Abdichtung durch Viton Weichdichtung DIN 3869
- Gewinde: M
- ISO 9974-2

- blanking plug
- for ports
- sealing by Viton elastic softseal DIN 3869
- thread: M
- ISO 9974-2



VSCH - M - WD

T1 mm	D1 mm	L1 mm	i1 mm	S1 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
M8x1	12	12	8	4	400	5	VSCH M8x1 WD	201386
M10x1	14	12	8	5	400	8	VSCH M10x1 WD	105396
M12x1,5	17	17	12	6	400	15	VSCH M12x1,5 WD	105398
M14x1,5	19	17	12	6	400	21	VSCH M14x1,5 WD	105400
M16x1,5	22	17	12	8	400	27	VSCH M16x1,5 WD	105402
M18x1,5	24	17	12	8	400	34	VSCH M18x1,5 WD	105404
M20x1,5	26	19	14	10	400	44	VSCH M20x1,5 WD	105406
M22x1,5	27	19	14	10	400	53	VSCH M22x1,5 WD	105408
M26x1,5	32	21	16	12	400	82	VSCH M26x1,5 WD	105410
M27x2	32	21	16	12	400	85	VSCH M27x2 WD	125136
M33x2	40	22,5	16	17	315	134	VSCH M33x2 WD	105414
M42x2	50	22,5	16	22	250	210	VSCH M42x2 WD	105416
M48x2	55	22,5	16	24	250	276	VSCH M48x2 WD	105418

VSCH - 910

■ Verschlusschraube DIN 910

■ Gewinde: BSPP

■ Gewinde: M

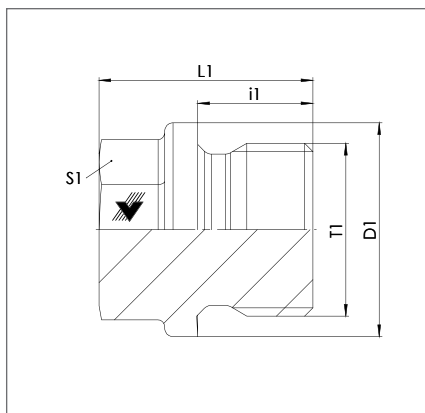
■ DIN 910

■ blanking plug DIN 910

■ thread: BSPP

■ thread: M

■ DIN 910



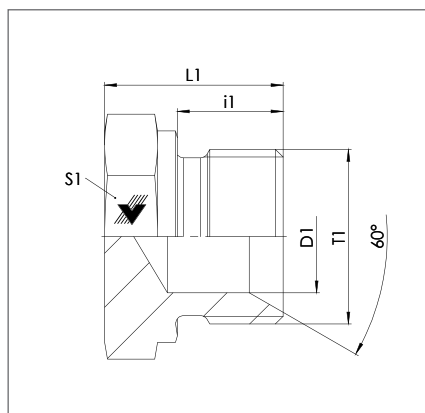
VSCH - 910 - BSPP

T1 mm	D1 mm	L1 mm	i1 mm	S1 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
G1/8	14	17	8	10	400	12	VSCH - 910 G1/8	207884
G1/4	18	21	12	13	400	20	VSCH - 910 G1/4	207885
G3/8	22	21	12	17	400	36	VSCH - 910 G3/8	207886
G1/2	26	26	14	19	400	66	VSCH - 910 G1/2	201333
G3/4	32	30	16	24	400	148	VSCH - 910 G3/4	207887
G1	39	32	16	27	400	195	VSCH - 910 G1	203306
G1.1/4	49	33	16	30	315	300	VSCH - 910 G1.1/4	207888
G1.1/2	55	33	16	30	315	375	VSCH - 910 G1.1/2	207889
M10x1	14	17	8	10	400	12	VSCH - 910 M10x1	207890
M12x1,5	17	21	12	13	400	20	VSCH - 910 M12x1,5	207891
M14x1,5	19	21	12	13	400	25	VSCH - 910 M14x1,5	207893
M16x1,5	21	21	12	17	400	35	VSCH - 910 M16x1,5	207894
M18x1,5	23	24	12	17	400	49	VSCH - 910 M18x1,5	207895
M20x1,5	25	26	14	19	400	64	VSCH - 910 M20x1,5	207896
M22x1,5	27	26	14	19	400	73	VSCH - 910 M22x1,5	207897
M24x1,5	29	27	14	22	400	93	VSCH - 910 M24x1,5	207898
M26x1,5	31	30	16	24	400	120	VSCH - 910 M26x1,5	207899
M27x2	32	30	16	24	400	127	VSCH - 910 M27x2	207901
M30x2	36	30	16	24	400	148	VSCH - 910 M30x2	207903
M33x2	39	32	16	27	400	195	VSCH - 910 M33x2	207904
M36x2	42	32	16	27	315	220	VSCH - 910 M36x2	207906
M42x2	49	33	16	30	315	300	VSCH - 910 M42x2	207908
M45x2	52	33	16	30	315	340	VSCH - 910 M45x2	207910
M48x2	55	33	16	30	315	375	VSCH - 910 M48x2	207913
M52x2	60	33	16	30	315	430	VSCH - 910 M52x2	207914

VSCH - AGR**BSPP-AG 60° Dichtkonus****BSPP-m 60° cone end**

- Verschlusschraube
- mit 60° Dichtkonus
- Gewinde: BSPP
- ISO 8434-6 / BS 5200
- Abdichtung durch met. Dichtkante Form B

- locking screw
- with 60° cone end
- thread: BSPP
- ISO 8434-6 / BS 5200
- Metallic sealing edge Form B

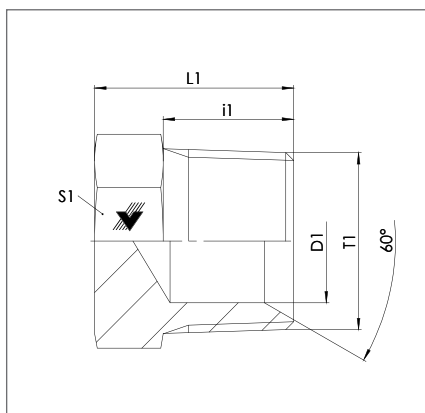
**VSCH - AGR**

Dash	T1 mm	D1 mm	L1 mm	i1 mm	S1 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-2	1/8-BSPP	4	14	8	14	400	11	VSCH AGR 1/8	204099
-4	1/4-BSPP	5	19	11	19	400	26	VSCH AGR 1/4	204100
-6	3/8-BSPP	8	21	12	22	400	41	VSCH AGR 3/8	204101
-8	1/2-BSPP	11	24	14	27	400	67	VSCH AGR 1/2	204102
-10	5/8-BSPP	14	27	16	30	400	88	VSCH AGR 5/8	204103
-12	3/4-BSPP	17	27	16	32	400	103	VSCH AGR 3/4	204104
-16	1-BSPP	22	31	19	41	250	183	VSCH AGR 1	204105
-20	1.1/4-BSPP	29	34	20	50	200	308	VSCH AGR 1.1/4	204106
-24	1.1/2-BSPP	33	37	22	55	200	412	VSCH AGR 1.1/2	204107
-32	2-BSPP	46	41	25	70	100	679	VSCH AGR 2	204108

VSCH - BSPT**BSPT-AG 60° Dichtkonus****BSPT-m 60° cone end**

- Verschlusschraube
- mit 60° Dichtkonus
- Gewinde: BSPT
- DIN EN 10226-1

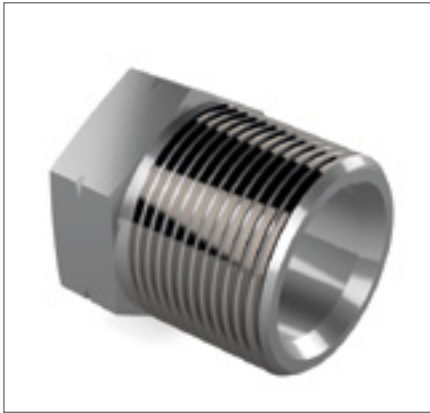
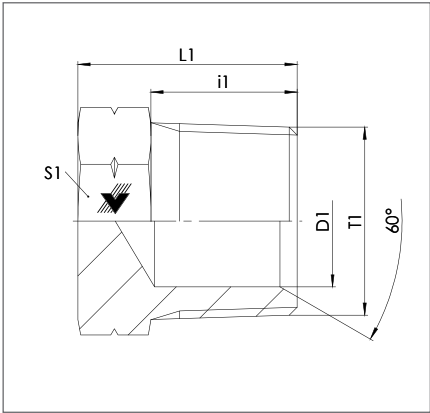
- locking screw
- with 60° cone end
- thread: BSPT
- DIN EN 10226-1

**VSCH - BSPT**

Dash	T1	D1 mm	L1 mm	i1 mm	S1 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-2	1/8-BSPT	5	15	10	12	550	9	VSCH BSPT 1/8	105378
-4	1/4-BSPT	7	22	15	14	550	21	VSCH BSPT 1/4	105376
-6	3/8-BSPT	10	23	15	19	550	36	VSCH BSPT 3/8	105384
-8	1/2-BSPT	14	28	19	22	400	58	VSCH BSPT 1/2	105374
-12	3/4-BSPT	18	29	19	27	400	90	VSCH BSPT 3/4	105382
-16	1-BSPT	24	34	24	36	350	169	VSCH BSPT 1	105372
-20	1.1/4-BSPT	32	39	25	46	200	307	VSCH BSPT 1.1/4	105388
-24	1.1/2-BSPT	38	41	26	50	200	384	VSCH BSPT 1.1/2	105380
-32	2-BSPT	46	46	30	65	100	708	VSCH BSPT 2	105386

VSCH - AGN
NPT-AG 60° Dichtkonus
NPT-m 60° cone end

- Verschlusschraube
- mit 60° Dichtkonus
- Gewinde: NPT
- ASME/ANSI B 1.20.1
- locking screw
- with 60° cone end
- thread: NPT
- ASME/ANSI B 1.20.1

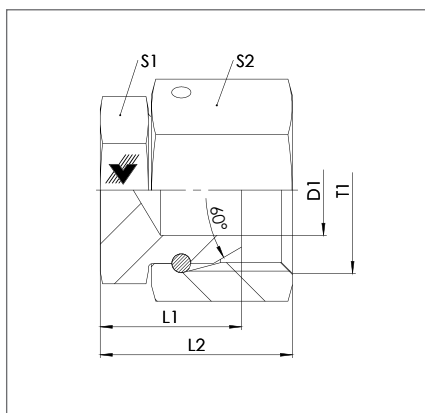


VSCH - AGN									
Dash	T1 mm	D1 mm	L1 mm	i1 mm	S1 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-2	1/8-NPT	5	15	10	12	550	9	VSCH AGN 1/8	105377
-4	1/4-NPT	7	22,5	15,5	14	550	21	VSCH AGN 1/4	105375
-6	3/8-NPT	10	23,5	15,5	19	550	34	VSCH AGN 3/8	105383
-8	1/2-NPT	14	29	20	22	400	58	VSCH AGN 1/2	105373
-12	3/4-NPT	18	30	20	27	400	91	VSCH AGN 3/4	105381
-16	1-NPT	24	35	25	36	350	167	VSCH AGN 1	105371
-20	1.1/4-NPT	32	40	26	46	200	301	VSCH AGN 1.1/4	105387
-24	1.1/2-NPT	38	41	26	50	200	369	VSCH AGN 1.1/2	105379
-32	2-NPT	46	42	26	65	100	663	VSCH AGN 2	105385

VSTO - DKR**BSPP-IG-einstellbar 60° Dichtkonus****BSPP-f-swivel 60° cone end**

- Verschlussstopfen
- mit 60° Dichtkonus
- Gewinde: BSPP
- ISO 8434-6 / BS 5200

- blanking plug
- with 60° cone end
- thread: BSPP
- ISO 8434-6 / BS 5200

**VSTO - DKR**

Dash	T1	D1 mm	L1 mm	L2 mm	S1 mm	S2 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-2	1/8-BSPP	3,5	13,5	17,5	11	14	400	32	VSTO DKR 1/8	204470
-4	1/4-BSPP	4	18	23,5	12	17	400	67	VSTO DKR 1/4	204471
-6	3/8-BSPP	7	18	24	17	22	400	109	VSTO DKR 3/8	204472
-8	1/2-BSPP	10	21,5	28	19	27	400	180	VSTO DKR 1/2	204473
-10	5/8-BSPP	13	21	30,5	22	30	250	225	VSTO DKR 5/8	204474
-12	3/4-BSPP	15	23,5	32	27	32	250	276	VSTO DKR 3/4	204475
-16	1-BSPP	21	24	34,7	32	41	200	467	VSTO DKR 1	204476
-20	1.1/4-BSPP	28	29,5	39,5	41	50	200	771	VSTO DKR 1.1/4	204477
-24	1.1/2-BSPP	32	32	43	46	55	200	997	VSTO DKR 1.1/2	204478
-32	2-BSPP	45	36	48	60	70	100	1680	VSTO DKR 2	204479

SKKA - BSPP-f

BSPP-IG-starr

BSPP-f-fixed

■ Sechskantkappe

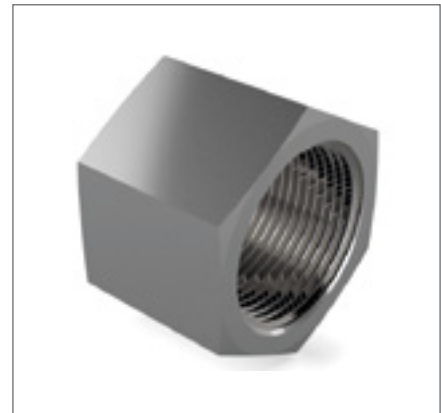
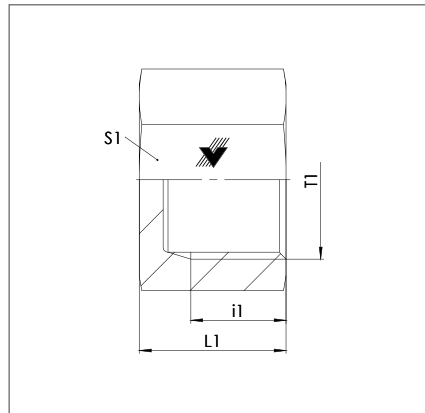
■ Gewinde: BSPP

■ ISO 1179-1

■ hexagon cap

■ thread: BSPP

■ ISO 1179-1



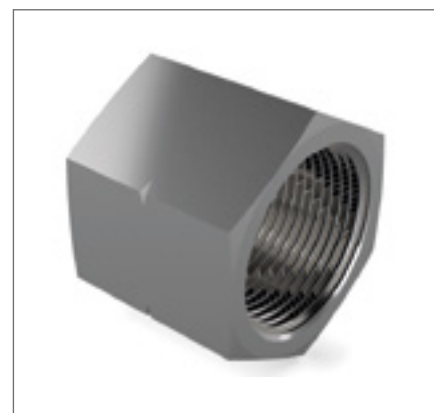
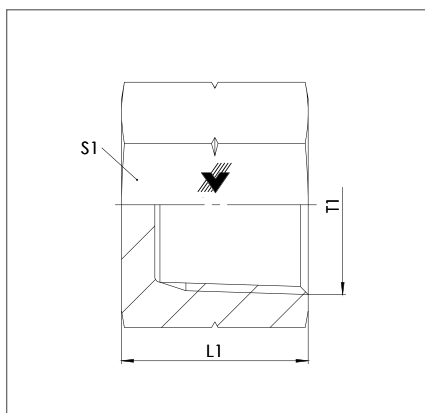
SKKA - BSPP-f

Dash	T1 mm	L1 mm	i1 mm	S1 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-2	1/8-BSPP-f	15	10	14	350	15	SKKA BSPP-f 1/8	203916
-4	1/4-BSPP-f	18	12,5	17	350	24	SKKA BSPP-f 1/4	203917
-6	3/8-BSPP-f	19	13	22	350	43	SKKA BSPP-f 3/8	203918
-8	1/2-BSPP-f	21	15	27	350	69	SKKA BSPP-f 1/2	203919
-12	3/4-BSPP-f	24,5	18,5	32	250	98	SKKA BSPP-f 3/4	203920
-16	1-BSPP-f	25	19	41	250	169	SKKA BSPP-f 1	203921
-20	1.1/4-BSPP-f	29	20	50	200	262	SKKA BSPP-f 1.1/4	204512
-24	1.1/2-BSPP-f	31	23,5	55	200	307	SKKA BSPP-f 1.1/2	204513
-32	2-BSPP-f	32	24,5	70	100	518	SKKA BSPP-f 2	204514

SKKA - NPT-f**NPT-IG****NPT-f**

- Sechskantkappe
- Gewinde: NPT
- ASME/ANSI B 1.20.1

- hexagon cap
- thread: NPT
- ASME/ANSI B 1.20.1

**SKKA - NPT-f**

Dash	T1 mm	L1 mm	S1 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-2	1/8-NPT	14,6	14	550	15	SKKA NPT-f 1/8	204515
-4	1/4-NPT	19,4	17	550	26	SKKA NPT-f 1/4	204516
-6	3/8-NPT	20,4	22	550	44	SKKA NPT-f 3/8	204517
-8	1/2-NPT	26,6	27	500	86	SKKA NPT-f 1/2	204518
-12	3/4-NPT	28,1	32	400	116	SKKA NPT-f 3/4	204519
-16	1-NPT	32,8	41	350	223	SKKA NPT-f 1	204520
-20	1.1/4-NPT	34,3	50	200	326	SKKA NPT-f 1.1/4	204521
-24	1.1/2-NPT	34,3	60	200	499	SKKA NPT-f 1.1/2	204522

SKMU - BSPP-f**BSPP-IG-starr****BSPP-f-fixed**

■ Sechskantmuffe

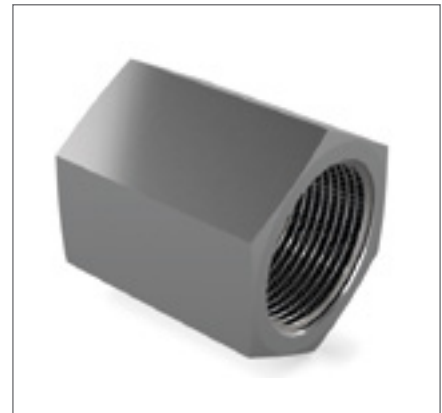
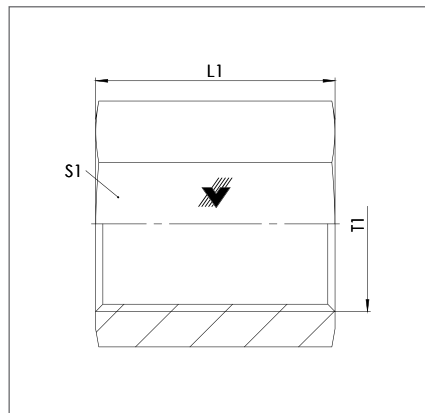
■ Gewinde: BSPP

■ ISO 1179-1

■ hexagon female thread coupling

■ thread: BSPP

■ ISO 1179-1

**SKMU - BSPP-f**

Dash	T1 mm	L1 mm	S1 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-2	1/8-BSPP	18	14	550	16	SKMU BSPP-f 1/8	124125
-4	1/4-BSPP	25	17	550	29	SKMU BSPP-f 1/4	123526
-6	3/8-BSPP	26	22	550	50	SKMU BSPP-f 3/8	124220
-8	1/2-BSPP	34	27	400	97	SKMU BSPP-f 1/2	117731
-12	3/4-BSPP	36	32	400	123	SKMU BSPP-f 3/4	121257
-16	1-BSPP	43	41	350	227	SKMU BSPP-f 1	124221
-20	1.1/4-BSPP	48	50	220	371	SKMU BSPP-f 1.1/4	122824
-24	1.1/2-BSPP	48	55	220	396	SKMU BSPP-f 1.1/2	125203
-32	2-BSPP	56	70	100	766	SKMU BSPP-f 2	125204

SKMU - BSPT-f**BSPT-IG****BSPT-f**

■ Sechskantmuffe

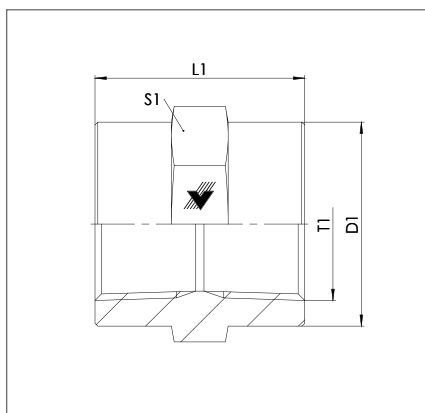
■ Gewinde: BSPT

■ DIN EN 10226-1

■ hexagon female thread coupling

■ thread: BSPT

■ DIN EN 10226-1

**SKMU - BSPT-f**

Dash	T1 mm	D1 mm	L1 mm	S1 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-2	1/8-BSPT	14	18	14	550	14	SKMU BSPT-f 1/8	204247
-4	1/4-BSPT	19	25	19	550	37	SKMU BSPT-f 1/4	203838
-6	3/8-BSPT	22	26	22	550	45	SKMU BSPT-f 3/8	203839
-8	1/2-BSPT	30	34	30	400	122	SKMU BSPT-f 1/2	203840
-12	3/4-BSPT	36	37	36	400	173	SKMU BSPT-f 3/4	203841
-16	1-BSPT	41	43	41	350	192	SKMU BSPT-f 1	203842
-20	1.1/4-BSPT	50	48	50	220	314	SKMU BSPT-f 1.1/4	125207
-24	1.1/2-BSPT	55	48	55	220	329	SKMU BSPT-f 1.1/2	125205
-32	2-BSPT	70	56	70	100	634	SKMU BSPT-f 2	125206

SKMU - NPT-f

NPT-IG

NPT-f

■ Sechskantmuffe

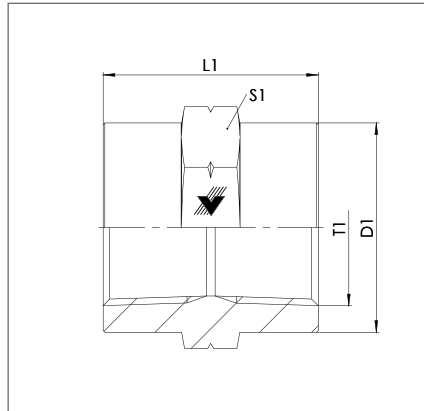
■ Gewinde: NPT

■ ASME/ANSI B 1.20.1

■ hexagon female thread coupling

■ thread: NPT

■ ASME/ANSI B 1.20.1



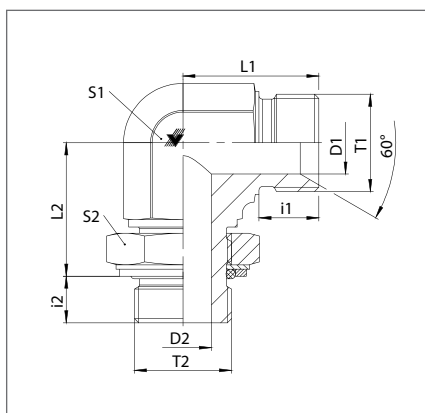
SKKA - NPT-f

Dash	T1 mm	D1 mm	L1 mm	S1 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-2	1/8-NPT-f	16	18	16	550	21	SKMU NPT-f 1/8	124233
-4	1/4-NPT-f	19	25	19	550	38	SKMU NPT-f 1/4	124234
-6	3/8-NPT-f	22	26	22	550	45	SKMU NPT-f 3/8	124235
-8	1/2-NPT-f	30	34	30	500	123	SKMU NPT-f 1/2	115702
-12	3/4-NPT-f	36	37	36	400	174	SKMU NPT-f 3/4	124236
-16	1-NPT-f	41	43	41	350	192	SKMU NPT-f 1	124237
-20	1.1/4-NPT-f	50	56	50	220	365	SKMU NPT-f 1.1/4	125208
-24	1.1/2-NPT-f	60	49	60	220	499	SKMU NPT-f 1.1/2	125209
-32	2-NPT-f	75	50	75	100	775	SKMU NPT-f 2	125210

WEE - AGR - BSPP**BSPP-AG 60° Dichtkonus - einstellbarer BSPP-AG Anschluss****BSPP-m 60° cone end - adjustable BSPP-m connection**

- Einstellbarer 90° Winkeladapter
- mit Kontermutter und Kammerring
- Abdichtung durch Viton O-Ring ISO 3601
- Gewinde: BSPP
- ISO 8434-6 / BS 5200 - ISO 1179

- adjustable 90° elbow adapter
- with lock nut and retaining ring
- sealing by Viton O-ring ISO 3601
- thread: BSPP
- ISO 8434-6 / BS 5200 - ISO 1179

**WEE - AGR - BSPP**

Dash	T1 mm	T2 mm	D1 mm	D2 mm	L1 mm	L2 mm	i1 mm	i2 mm	S1 mm	S2 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-2-2	1/8-BSPP	1/8-BSPP	4	4,4	26	22,2	10,5	6,8	14	14	250	50	WEE AGR 1/8 - BSPP 1/8 90°	207030
-4-4	1/4-BSPP	1/4-BSPP	5	7,5	28	23	11	9	14	19	250	65	WEE AGR 1/4 - BSPP 1/4 90°	207031
-6-6	3/8-BSPP	3/8-BSPP	8	9,9	33	28,1	12,5	8,9	19	22	250	118	WEE AGR 3/8 - BSPP 3/8 90°	207022
-8-8	1/2-BSPP	1/2-BSPP	11	12,3	37	30,3	15	12,7	22	27	200	183	WEE AGR 1/2 - BSPP 1/2 90°	207032
-12-8	3/4-BSPP	1/2-BSPP	17	12,3	37	36,3	16,3	12,7	30	27	200	301	WEE AGR 3/4 - BSPP 1/2 90°	207023
-12-12	3/4-BSPP	3/4-BSPP	17	15,5	37	36,3	16,3	12,7	30	36	200	337	WEE AGR 3/4 - BSPP 3/4 90°	207033
-16-16	1-BSPP	1-BSPP	22	21,5	42	43,7	18	14,3	36	41	200	536	WEE AGR 1 - BSPP 1 90°	207034
-20-20	1.1/4-BSPP	1.1/4-BSPP	29	27,5	51	50,6	20,5	14,4	50	50	160	1120	WEE AGR 1.1/4 - BSPP 1.1/4 90°	207035
-24-24	1.1/2-BSPP	1.1/2-BSPP	33	33	51	52,6	22	14,4	50	55	160	1095	WEE AGR 1.1/2 - BSPP 1.1/2 90°	207036

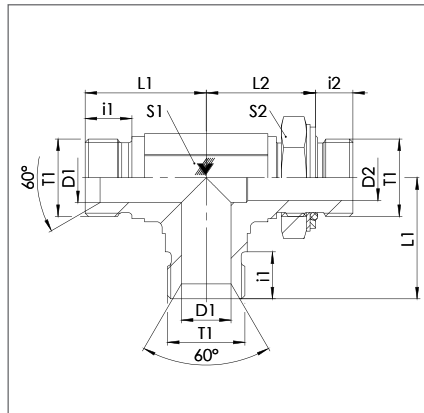
LEE - AGR - AGR - BSPP

BSPP-AG 60° Dichtkonus - BSPP-AG 60° Dichtkonus - einstellbarer BSPP-AG Anschluss

BSPP-m 60° cone end - BSPP-m 60° cone end - adjustable BSPP-m connection

- Einstellbarer L - Adapter
- mit Kontermutter und Kammerring
- Abdichtung durch Viton O-Ring ISO 3601
- Gewinde: BSPP
- ISO 8434-6 / BS 5200 - ISO 1179

- adjustable L - adapter
- with lock nut and retaining ring
- sealing by Viton O-ring ISO 3601
- thread: BSPP
- ISO 8434-6 / BS 5200 - ISO 1179



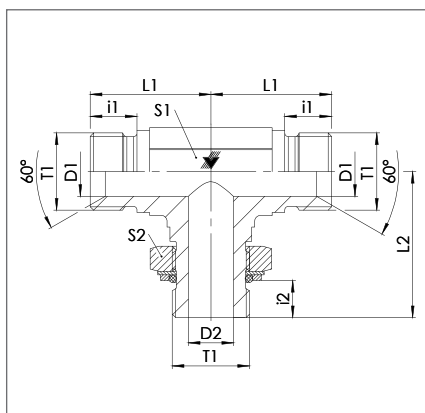
LEE - AGR - AGR - BSPP

Dash	T1 mm	D1 mm	D2 mm	L1 mm	L2 mm	i1 mm	i2 mm	S1 mm	S2 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-2-2-2	1/8-BSPP	4	4,4	21	19,2	8	6,8	11	14	250	42	LEE AGR 1/8 - AGR 1/8 - BSPP 1/8	207096
-4-4-4	1/4-BSPP	5	7,5	25,4	23	11	9	14	19	250	69	LEE AGR 1/4 - AGR 1/4 - BSPP 1/4	207097
-6-6-6	3/8-BSPP	8	9,9	28,5	24	12	8,9	19	22	250	122	LEE AGR 3/8 - AGR 3/8 - BSPP 3/8	207098
-8-8-8	1/2-BSPP	11	12,3	32,5	29,3	14	12,7	22	27	200	195	LEE AGR 1/2 - AGR 1/2 - BSPP 1/2	207099
-12-12-12	3/4-BSPP	17	15,5	41,3	37,3	16	12,7	27	36	200	343	LEE AGR 3/4 - AGR 3/4 - BSPP 3/4	207100
-16-16-16	1-BSPP	22	21,5	44,5	39,9	19	14,3	33	41	200	508	LEE AGR 1 - AGR 1 - BSPP 1	207101
-20-20-20	1.1/4-BSPP	29	27,5	50,8	44,6	20	14,4	41	50	160	826	LEE AGR 1.1/4 - AGR 1.1/4 - BSPP 1.1/4	207102
-24-24-24	1.1/2-BSPP	33	33	59	48,6	22	14,4	48	55	160	1314	LEE AGR 1.1/2 - AGR 1.1/2 - BSPP 1.1/2	207104

TEE - AGR - BSPP - ARG**BSPP-AG 60° Dichtkonus - einstellbarer BSPP-AG Anschluss - BSPP-AG 60° Dichtkonus****BSPP-m 60° cone end - adjustable BSPP-m connection - BSPP-m 60° cone end**

- Einstellbarer T - Adapter
- mit Kontermutter und Kammerring
- Abdichtung durch Viton O-Ring ISO 3601
- Gewinde: BSPP
- ISO 8434-6 / BS 5200 - ISO 1179

- adjustable T - adapter
- with lock nut and retaining ring
- sealing by Viton O-ring ISO 3601
- thread: BSPP
- ISO 8434-6 / BS 5200 - ISO 1179

**TEE - AGR - R - ARG**

Dash	T1 mm	D1 mm	D2 mm	L1 mm	L2 mm	i1 mm	i2 mm	S1 mm	S2 mm	PN bar	Gewicht Weight g	Bezeichnung Name	Artikel-Nr. Article No.
-2-2-2	1/8-BSPP	4	4	26	27	10	8,1	14	14	250	64	TEE AGR 1/8 - BSPP 1/8 - AGR 1/8	207088
-4-4-4	1/4-BSPP	5	5	25,4	32	11	10,1	14	19	250	74	TEE AGR 1/4 - BSPP 1/4 - AGR 1/4	207089
-6-6-6	3/8-BSPP	8	8	33	37	12	10	19	22	250	154	TEE AGR 3/8 - BSPP 3/8 - AGR 3/8	207090
-8-8-8	1/2-BSPP	11	11	37	43	14	14,4	22	27	200	226	TEE AGR 1/2 - BSPP 1/2 - AGR 1/2	207091
-12-12-12	3/4-BSPP	17	17	37	49	16	14,4	30	36	200	344	TEE AGR 3/4 - BSPP 3/4 - AGR 3/4	207092
-16-16-16	1-BSPP	22	22	42	58	18	14,3	36	41	200	553	TEE AGR 1 - BSPP 1 - AGR 1	207093
-20-20-20	1.1/4-BSPP	29	29	51	65	20	14,3	50	50	160	1161	TEE AGR 1.1/4 - BSPP 1.1/4 - AGR 1.1/4	207094
-24-24-24	1.1/2-BSPP	33	33	51	67	22	14,3	50	55	160	1246	TEE AGR 1.1/2 - BSPP 1.1/2 - AGR 1.1/2	207095

Für Ihre Notizen:

For your notes:

Für Ihre Notizen:

For your notes:

Adapter Adapter

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