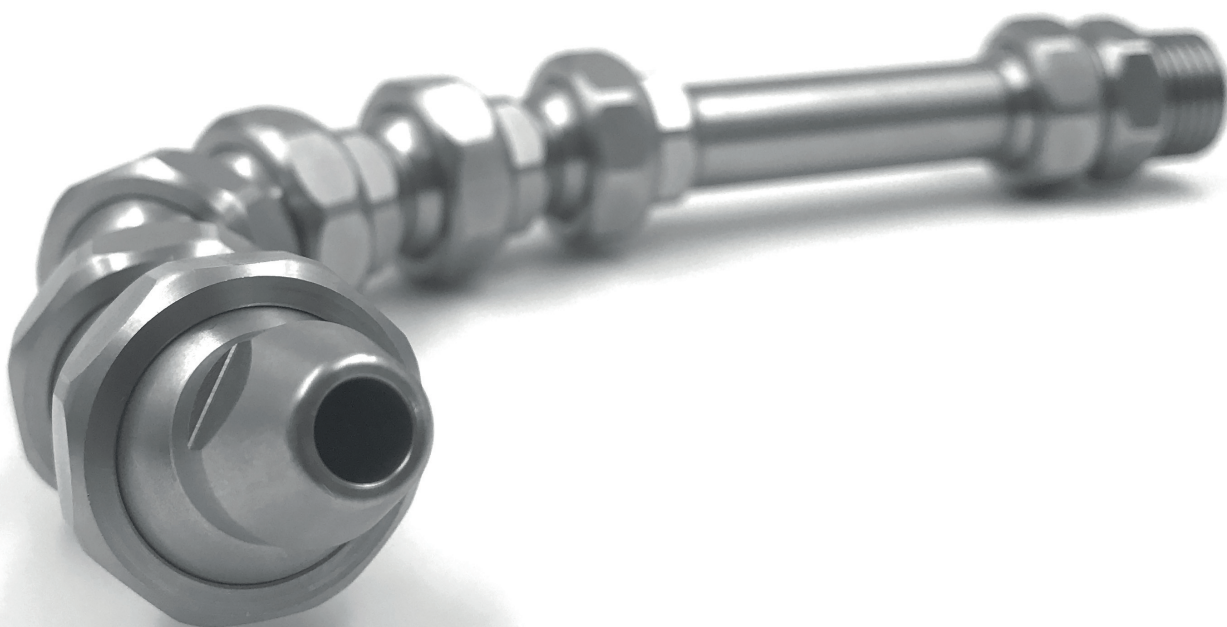




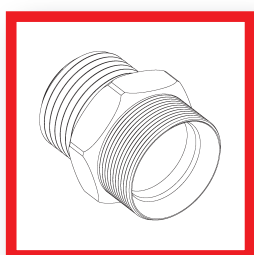
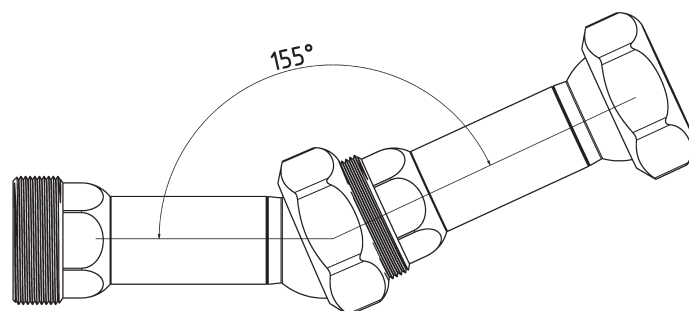
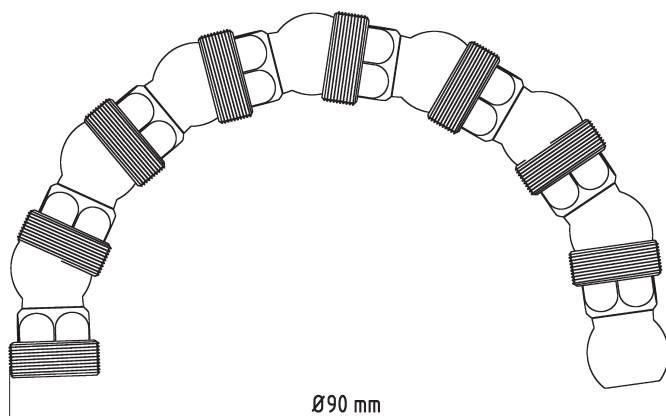
Das VAK.1/4 System für alle Maschinen-Anwendungen im Bereich bis max. ± 170 l/min. Mit Runddüsen Größen von $\varnothing 1,6$ mm bis $\varnothing 5,0$ mm und eine Vielzahl an Flach-düsen und Düsen mit mehreren Bohrungen ist dieses System ein Standard für jede Maschine. Das große Sortiment an Maschinenadapter von M8x1,0 über M14x1,5 und G3/8" bis hin zu verschiedenen Kugeladapter mit $\varnothing 14,0$ mm und natürlich auch wieder Grund- und Winkelemente garantieren für eine reibungslose Installation.



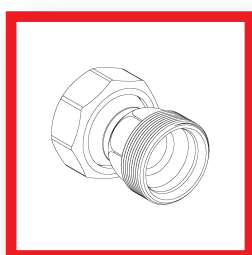
VAK.1/4

TECHNISCHE DATEN:

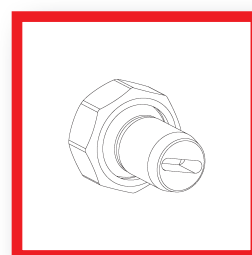
- Größe Typ1 (1/4")
- Durchlass Ø 5,8 mm
- Druckbeständig über 100 bar
- Einsatzbereich -30°C bis +60°C
- Optional ES-System bis +300°C (auf Anfrage erhältlich)
- Gewinde (Elemente) M14x1
- Material 1.4305 (V2A)



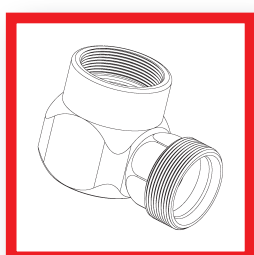
MASCHINENADAPTER



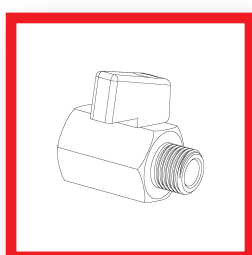
GRUNDELEMENTE



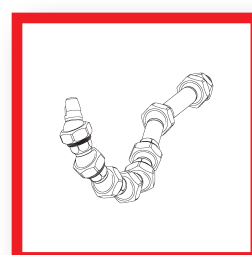
DÜSEN



WINKELELEMENTE

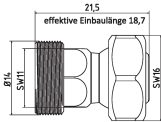
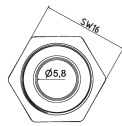
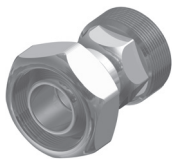


ZUBEHÖR



GRUNDSET Typ1

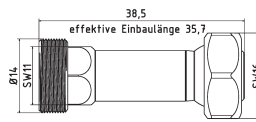
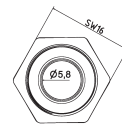
Grundelemente | Basic Elements



GS-20 013 03 14 001

$l = 21,5$ mm effektiv $l = 18,7$ mm

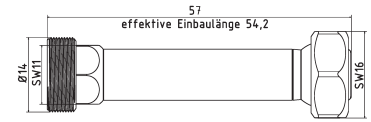
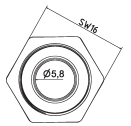
$l = 21,5$ mm effective $l = 18,7$ mm



GS-40 013 03 14 002

$l = 38,5$ mm effektiv $l = 35,7$ mm

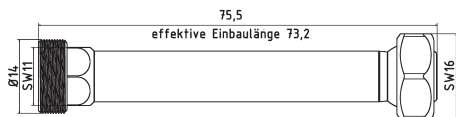
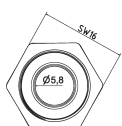
$l = 38,5$ mm effective $l = 35,7$ mm



GS-60 013 03 14 003

$l = 57$ mm effektiv $l = 54,2$ mm

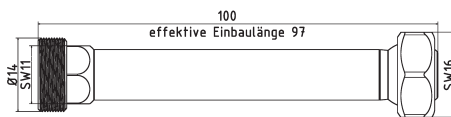
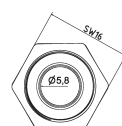
$l = 57$ mm effective $l = 54,2$ mm



GS-80 013 03 14 080

$l = 75,5$ mm effektiv $l = 73,2$ mm

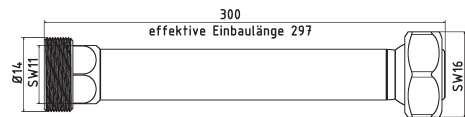
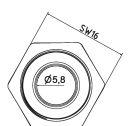
$l = 75,5$ mm effective $l = 73,2$ mm



GS-100 013 03 14 100

$l = 100$ mm effektiv $l = 97$ mm

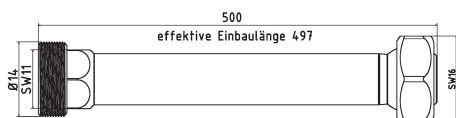
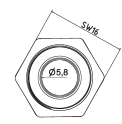
$l = 100$ mm effective $l = 97$ mm



GS-300 013 03 14 300

$l = 300$ mm effektiv $l = 297$ mm

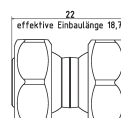
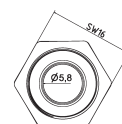
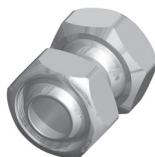
$l = 300$ mm effective $l = 297$ mm



GS-500 013 03 14 500

$l = 500$ mm effektiv $l = 497$ mm

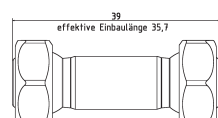
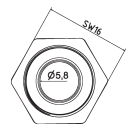
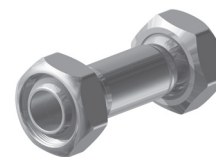
$l = 500$ mm effective $l = 497$ mm



GD-20 013 03 14 09 030

$l = 22$ mm effektiv $l = 18,7$ mm Doppelkugel $l =$

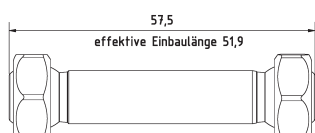
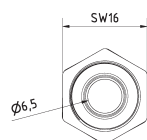
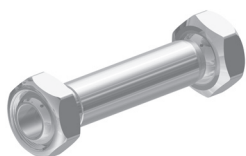
22 mm effective $l = 18,7$ mm double ball



GD-40 013 03 14 09 040

$l = 39$ mm effektiv $l = 35,7$ mm Doppelkugel $l =$

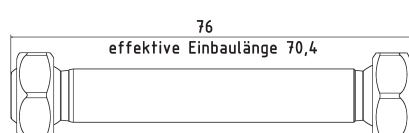
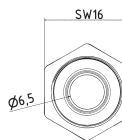
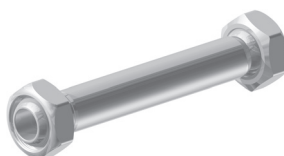
39 mm effective $l = 35,7$ mm double ball



GD-50 013 03 14 09 050

$l = 57,5$ mm effektiv $l = 51,9$ mm Doppelkugel $l =$

$57,5$ mm effective $l = 51,9$ mm double ball

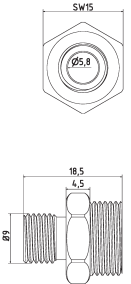
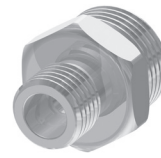
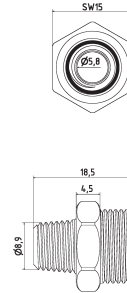
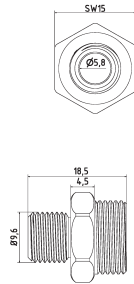


GD-70 013 03 14 09 070

$l = 76$ mm effektiv $l = 70,4$ mm Doppelkugel $l =$

76 mm effective $l = 70,4$ mm double ball

Maschinen-/Düsenadapter | Machine-/Nozzle Adapter



AS-1/8 013 03 14 10 01

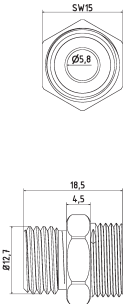
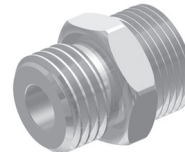
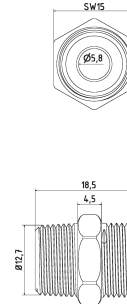
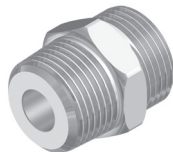
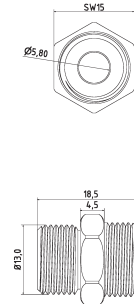
Adapterstück G 1/8"
adaptor piece thread 1/8"

AS-1/8NPT 013 03 14 10 81

Adapterstück G 1/8" PT (Withworth-Gewinde)
adaptor piece thread 1/8" PT (NPT thread)

AS-1/8U 013 03 14 10 U01

Adapterstück G 1/8" U (Gewinde unterschritten)
adaptor piece thread 1/8" U (Undercut thread)



AS-1/4 013 03 14 10 02

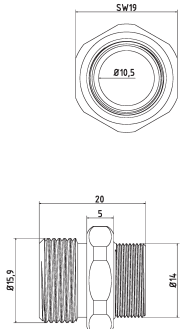
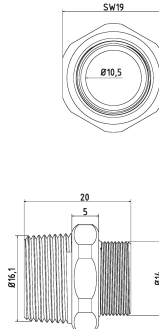
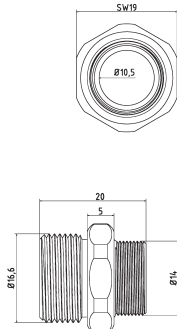
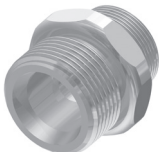
Adapterstück G 1/4"
adaptor piece thread 1/4"

AS-1/4NPT 013 03 14 10 82

Adapterstück G 1/4" PT (Withworth-Gewinde)
adaptor piece thread 1/4" PT (NPT thread)

AS-1/4U 130 03 14 10 U02

Adapterstück G 1/4" U (Gewinde unterschritten)
adaptor piece thread 1/4" U (Undercut thread)



AS-3/8 013 03 14 10 03

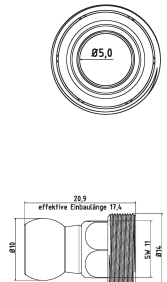
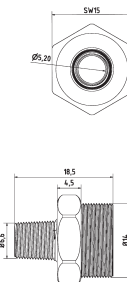
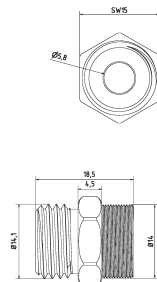
Adapterstück G 3/8"
adaptor piece thread 3/8"

AS-3/8NPT 013 03 14 10 83

Adapterstück G 3/8" PT (Withworth-Gewinde)
adaptor piece thread 3/8" PT (NPT thread)

AS-3/8U 013 03 14 10 U03

Adapterstück G 3/8" U (Gewinde unterschritten)
adaptor piece thread 3/8" U (Undercut thread)



AS-9/16 013 03 14 10 71

Adapterstück G 9/16"
adaptor piece thread 9/16"

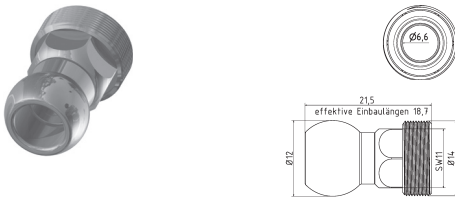
AS-1/16NPT 013 03 14 10 87

Adapterstück G 1/16" PT (Withworth-Gewinden)
adaptor piece thread 1/16" PT (NPT thread)

ASK-10 013 03 14 20 10

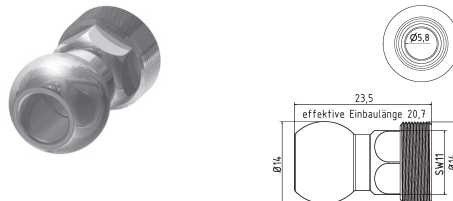
Adapterstück Kugel Ø 10 (z.B. Traub)
adaptor piece ball Ø 10 mm (e.g. Traub)

Maschinen-/Düsenadapter | Machine-/Nozzle Adapter



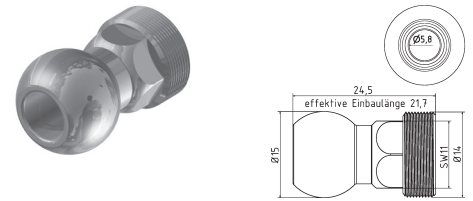
ASK-12 013 03 14 20 12

Adapterstück Kugel Ø 12 (z.B. MORI SEIKI)
adaptor piece ball Ø 12 mm (e.g. MORI SEIKI)



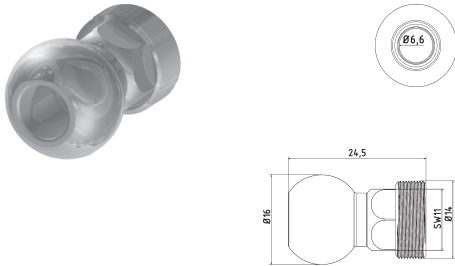
ASK-14 013 03 14 20 14

Adapterstück Kugel Ø 14 (z.B. Wenk)
adaptor piece ball Ø 14 mm (e.g. Wenk)



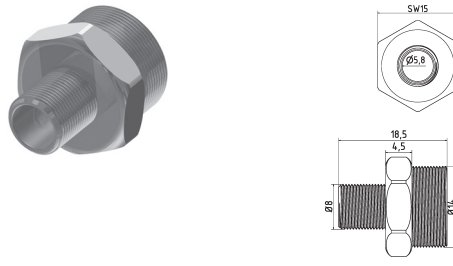
ASK-15 013 13 14 20 15

Adapterstück Kugel Ø 15 (z.B. Okuma)
adaptor piece ball Ø 15 mm (e.g. Okuma)



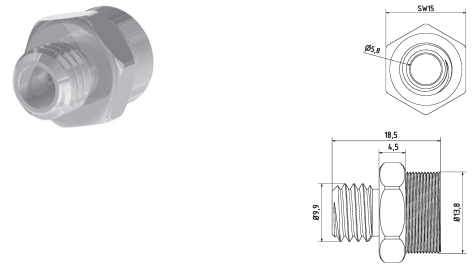
ASK-16 013 03 14 20 16

Adapterstück Kugel Ø 16 (z.B. Okuma)
adaptor piece ball Ø 16 mm (e.g. Okuma)



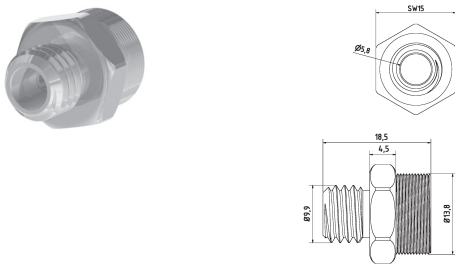
ASM-1.8 013 03 14 10 40

Adapterstück M8 x 1
adaptor piece M8 x 1 metric thread



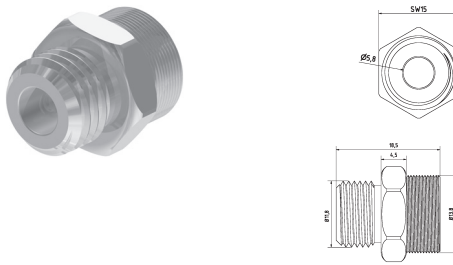
ASM-10.1 013 03 14 10 42

Adapterstück M10 x 1
adaptor piece M10 x 1 metric thread



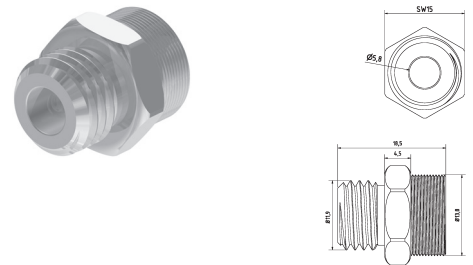
ASM-10 013 03 14 10 28

Adapterstück M10 x 1.5
adaptor piece M10 x 1.5 metric thread



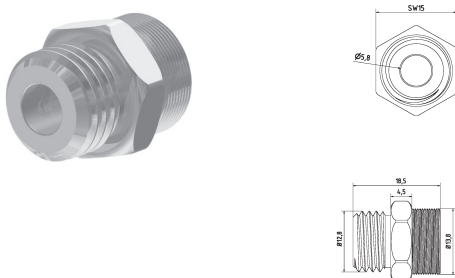
ASM-12.1 013 03 14 10 43

Adapterstück M 12 x 1
adaptor piece M 12 x 1 metric thread



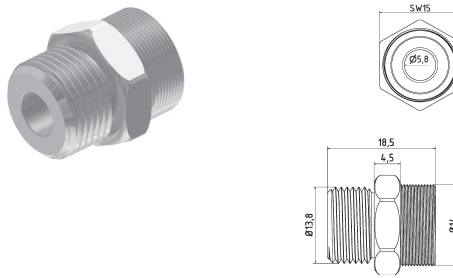
ASM-12.1.5 013 03 14 10 58

Adapterstück M 12 x 1,5
adaptor piece M 12 x 1,5 metric thread



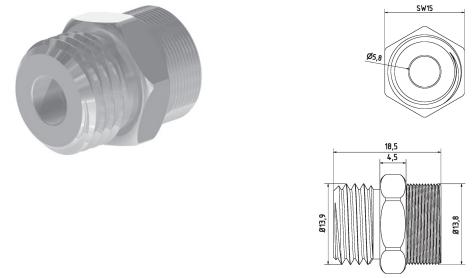
ASM-13.1.5 013 03 14 10 67

Adapterstück M 13 x 1,5
adaptor piece M 13 x 1,5 metric thread



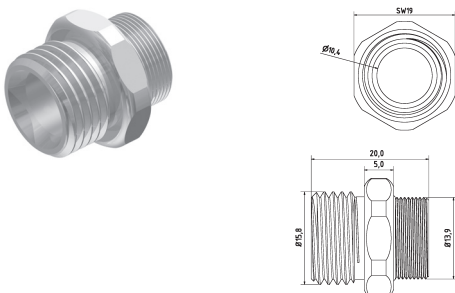
ASM-14.1 013 03 14 10 44

Adapterstück M 14 x 1
adaptor piece M 14 x 1 metric thread



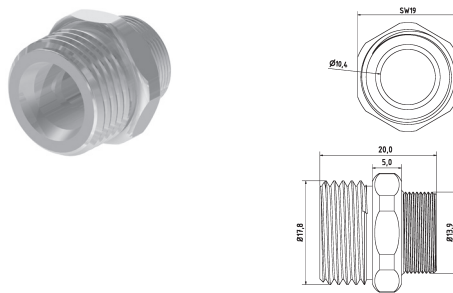
ASM-14.1.5 013 03 14 10 59

Adapterstück M 14 x 1,5
adaptor piece M 14 x 1,5 metric thread



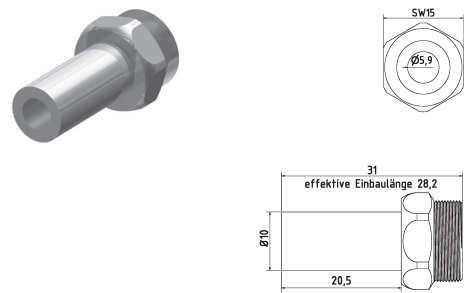
ASM-16.1.5 013 03 14 10 60

Adapterstück M 16 x 1,5
adaptor piece M 16 x 1,5 metric thread



ASM-M18.1.5 013 03 14 10 61

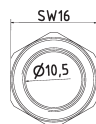
Adapterstück M 18 x 1,5
adaptor piece M 18 x 1,5 metric thread



ASR-10 013 03 14 30 10

Adapterstück zu Hydraulik-Verschraubung 10 L
adaptor piece to hydraulic system 10 L

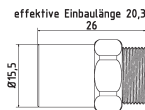
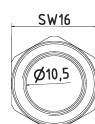
Maschinen-/Düsenadapter | Machine-/Nozzle Adapter



ASM-12.1i 013 03 14 10 43i

Adapterstück M12 x 1 Innengewinde auf Hirt-Line Typ1 Aussengewinde

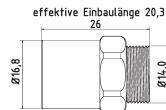
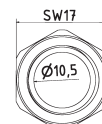
adaptor piece M12 x 1 female thread to Hirt-Line type1 male thread



ASM-12.1.5i 013 03 14 10 58i

Adapterstück M12 x 1.5 Innengewinde auf Hirt-Line Typ1 Aussengewinde

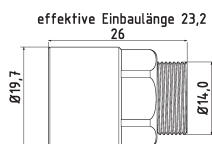
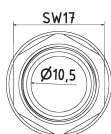
adaptor piece M12 x 1.5 female thread to Hirt-Line type1 male thread



ASM-14.1.5i 013 03 14 10 59i

Adapterstück M14 x 1.5 Innengewinde auf Hirt-Line Typ1 Aussengewinde

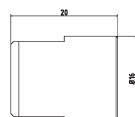
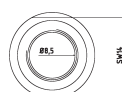
adaptor piece M14 x 1.5 female thread to Hirt-Line type1 male thread



ASM-16.1.5i 013 03 14 10 60i

Adapterstück M16 x 1.5 Innengewinde auf Hirt-Line Typ1 Aussengewinde

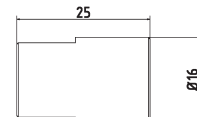
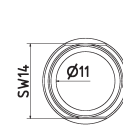
adaptor piece M16 x 1.5 female thread to Hirt-Line type1 male thread



AI-1/8 013 03 14 20 01

Adapterstück für Fremddüsen mit Außengewinde, IG 1-GE auf IG 1/8"

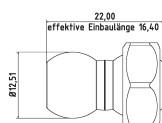
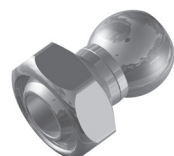
adapter piece for external nozzles with male thread, female 1-GE to female 1/8"



AI-1/4 013 03 14 20 02

Adapterstück für Fremddüsen mit Außengewinde, IG 1-GE auf IG 1/4"

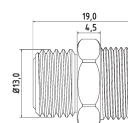
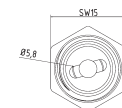
adapter piece for external nozzles with male thread, female 1-GE to female 1/4"



AS-LL 013 03 14 10 LL

Adapterstück Loc-Line Typ 1

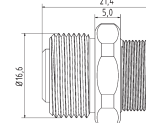
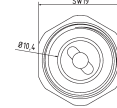
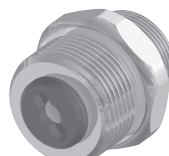
adaptor piece Loc-Line Type 1



ASV-1/4 013 03 14 10 02V

Adapterstück mit Rückschlagventil G1/4"

adapter piece with check valve G1/4"

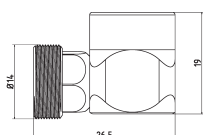
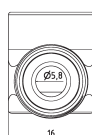
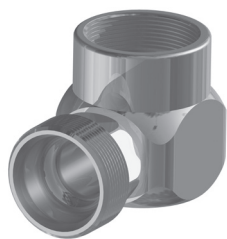


ASV-3/8 013 03 14 10 03V

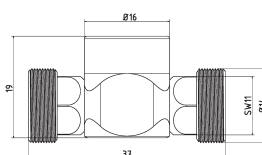
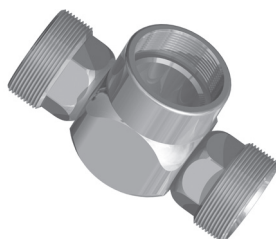
Adapterstück mit Rückschlagventil G3/8"

adapter piece with check valve G3/8"

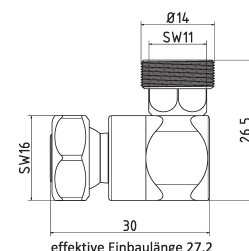
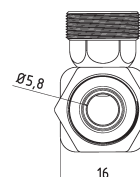
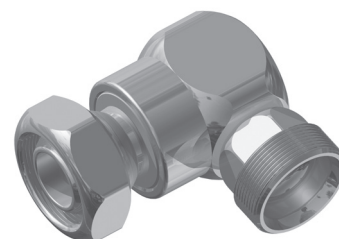
Winkelemente | Elbows



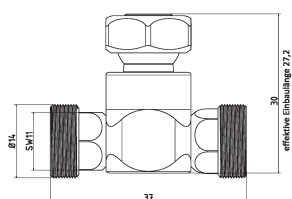
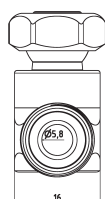
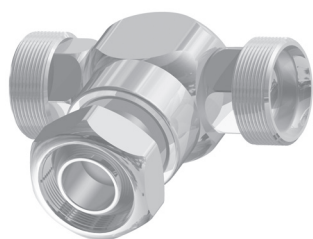
WS-1/4 013 03 14 11 01
Winkelverschraubung
elbow piece fixed



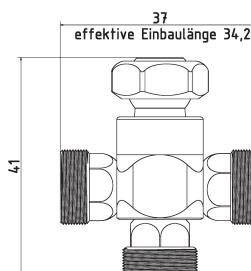
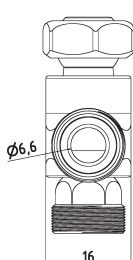
TS-1/4 013 03 14 11 02
T-Stück
T-piece fixed



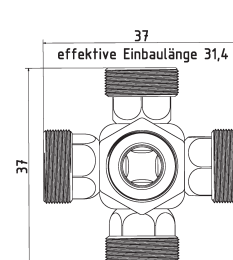
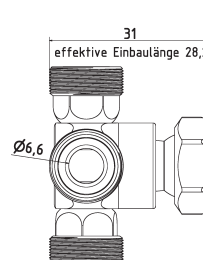
WSK-1/4 013 03 14 11 03
Winkelverschraubung mit Kugelstück
elbow piece moveable



TE-1/4 013 03 14 11 04
T-Stück mit Kugelstück
T-piece moveable

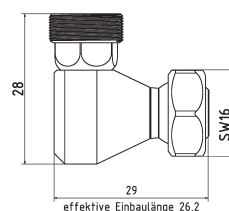
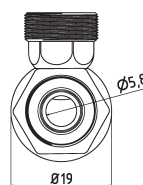
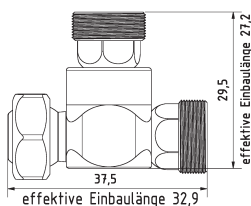
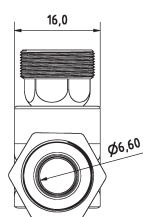
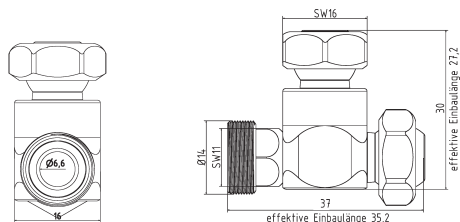


XE-1/4 013 03 14 11 05
Kreuz-Stück mit Kugelstück
cross piece moveable



XE5-1/4 013 03 14 11 06
Stern-Stück mit Kugelstück
star piece moveable

Winkelelemente | Elbows



LSK-1/4 013 03 14 11 07

Verschlussstück zu Ringdüse

locking tappet to ring nozzle

LS-1/4 013 03 14 11 08

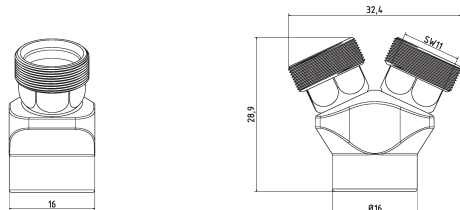
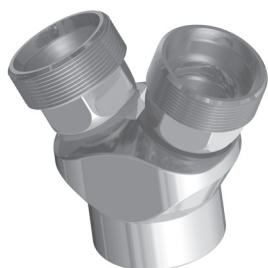
T-Stück für Ring und Düse

T-piece for ring and nozzle

WSL-1/4 013 03 14 11 09

Winkelstück für Leitungen

corner piece for pipelines

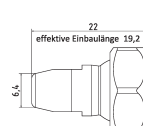
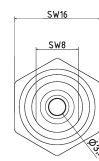
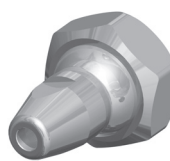
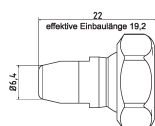
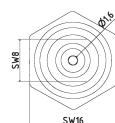
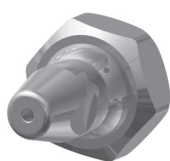
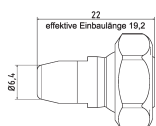
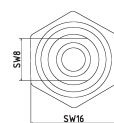
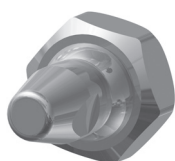


WEY 013 03 14 11 10

Y-Stück 50°

Y-piece 50°

Düsen | Nozzles



RSD.0 013 03 14 70 00

Düse ohne Bohrung

nozzle straight without drilling

RSD.16 013 03 14 70 16

Düse gerade Bohrung Ø 1,6 mm

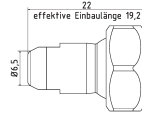
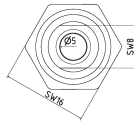
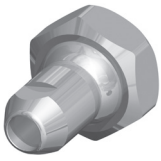
nozzle straight Ø 1,6 mm

RSD.32 013 03 14 70 32

Düse gerade Bohrung Ø 3,2 mm

nozzle straight Ø 3,2 mm

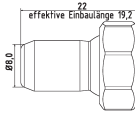
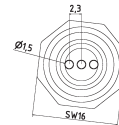
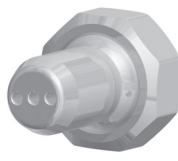
Düsen | Nozzles



RSD.50

013 03 14 70 50

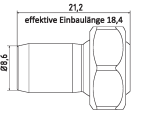
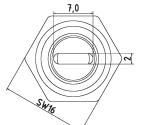
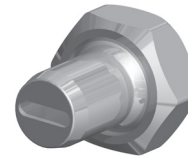
Düse gerade Bohrung Ø 5,0 mm
nozzle straight Ø 5,0 mm



3RSD.16

013 03 14 73 16

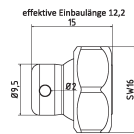
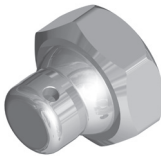
Düse gerade Bohrung 3 x Ø 1,6 mm
nozzle straight 3 x Ø 1,6 mm



FSDB7.2

013 03 14 71 07 03

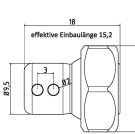
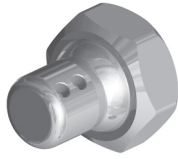
Düse mit Schlitz 7 x 2,0 mm
nozzle straight with slit 7 x 2,0 mm



1WD.02.90

013 03 14 71 20 90

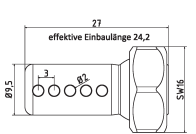
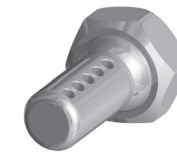
Düse 90° Bohrung 1 x Ø 2 mm
nozzle 90° drill hole 1 x Ø 2 mm



2WD.02.90

013 03 14 72 20 90

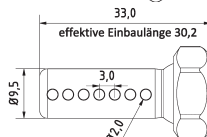
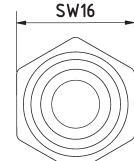
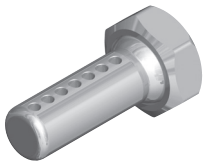
Düse 90° Bohrung 2 x Ø 2 mm
nozzle 90° drill hole 2 x Ø 2 mm



5WD.02.90

013 03 14 75 20 90

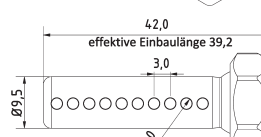
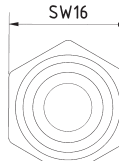
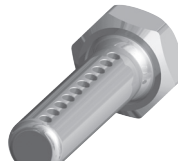
Düse 90° Bohrung 5 x Ø 2 mm
nozzle 90° drill hole 5 x Ø 2 mm



7WD.02.90

013 03 14 77 20 90

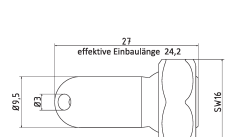
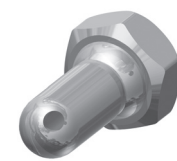
Düse 90° Bohrung 7 x Ø 2 mm
nozzle 90° drill hole 7 x Ø 2 mm



10WD.02.90

013 03 14 710 90

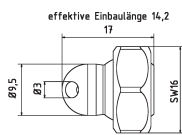
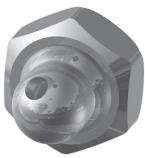
Düse 90° Bohrung 10 x Ø 2 mm
nozzle 90° drill hole 10 x Ø 2 mm



1WD.03.30

013 03 14 71 30 30

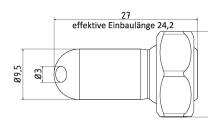
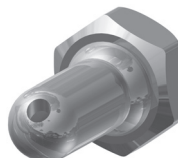
Düse 30° Bohrung Ø 3 mm
nozzle 30° drill hole Ø 3 mm



1WD.03.30.S

013 03 14 71 30 30S

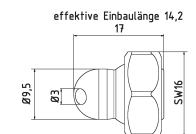
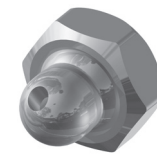
Düse 30° Bohrung Ø 3 mm extra kurz
nozzle 30° drill hole Ø 3 mm extra short



1WD.03.60

013 03 14 71 30 60

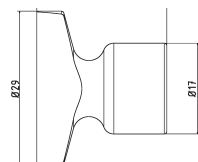
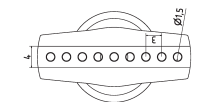
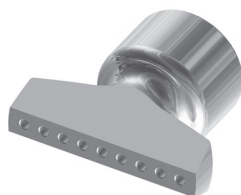
Düse 60° Bohrung Ø 3 mm
nozzle 60° drill hole Ø 3 mm



1WD.30.60S

013 03 14 71 30 60S

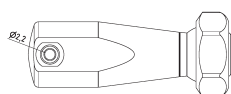
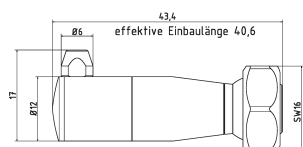
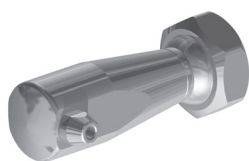
Düse 60° Bohrung Ø 3 mm extra kurz
nozzle 60° drill hole Ø 3 mm extra short



9RSD1.5

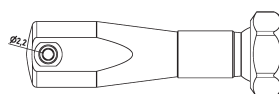
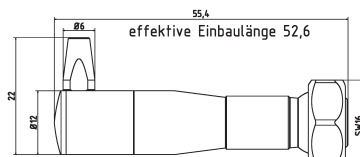
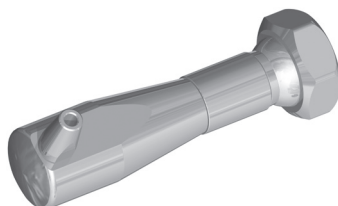
013 03 14 73 0915

Düse Breit mit Bohrungen 9 x Ø 1,5 mm
nozzle broadly with drillings 9 x Ø 1,5 mm



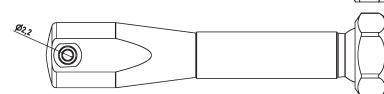
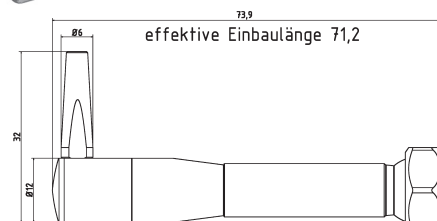
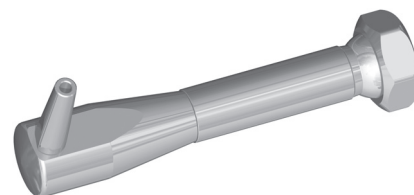
RRSD.40.05.22 013 03 14 74 400522

Halterung Düse klein l = 40 inkl. 3 Düsen
small nozzle holder l = 40 incl. 3 nozzles



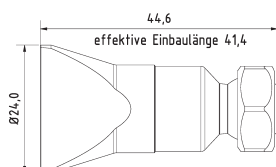
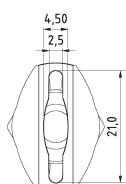
RRSD.50.10.22 013 03 14 74 501022

Halterung Düse klein l = 55 inkl. 3 Düsen
small nozzle holder l = 55 incl. 3 nozzles



RRSD.70.20.22 013 03 14 74 702022

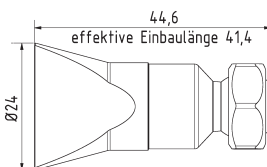
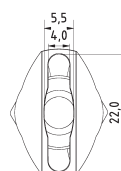
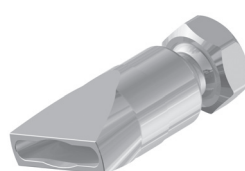
Halterung Düse klein l = 70 inkl. 3 Düsen
small nozzle holder l = 70 incl. 3 nozzles



FSSD.24.40.25 013 03 14 72 024 25

Flachdüse Breit mit Schlitz 21 x 2,5 mm
Streustrahl

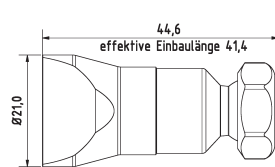
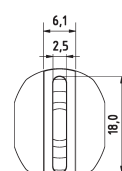
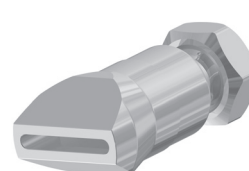
flat nozzle broadly with slit 21 x 2,5 mm
scattered beam



FSSD.24.40.40 013 14 03 72 024 40

Flachdüse Breit mit Schlitz 22 x 4,0 mm
Streustrahl zum Schwemmen

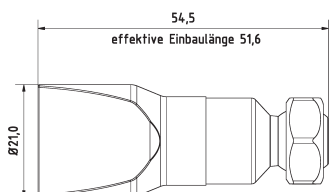
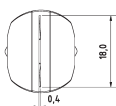
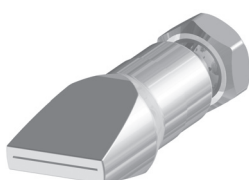
flat nozzle broadly with slit 22 x 4,0 mm
scattered beam



FSD.21.25 013 03 14 74 21 25

Flachdüse Breit mit Schlitz 18 x 2,5 mm
gerader Strahl

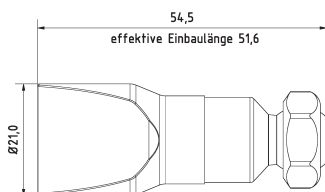
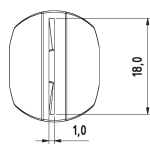
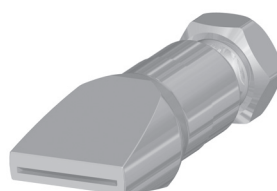
flat nozzle broadly with slit 18 x 2,5 mm
straight jet



FSD.21.04 013 03 14 74 21 04

Flachdüse Breit mit Schlitz 18 x 0,4 mm
gerader Strahl

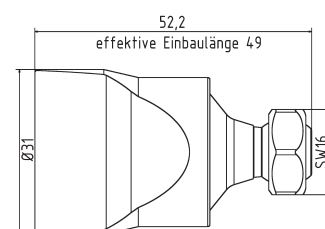
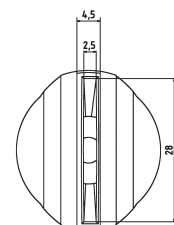
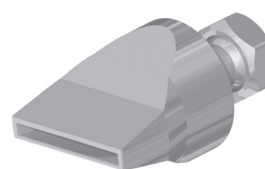
flat nozzle broadly with slit 18 x 0,4 mm
straight jet



FSD.21.10 013 03 14 74 21 10

Flachdüse Breit mit Schlitz 18 x 1,0 mm
gerader Strahl

flat nozzle broadly with slit 18 x 1,0 mm
straight jet

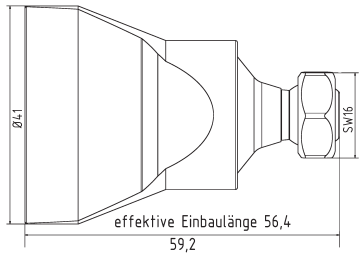
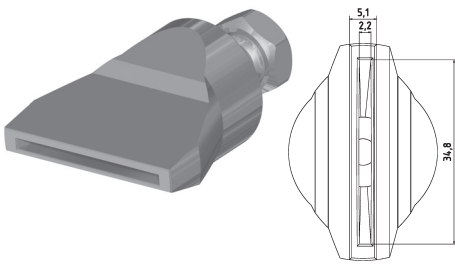


FSD.31.25 013 03 14 74 31 25

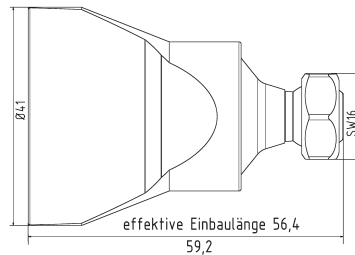
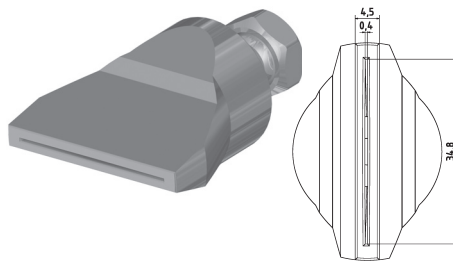
Flachdüse Breit mit Schlitz 28 x 2,5 mm
gerader Strahl

flat nozzle broadly with slit 28 x 2,5 mm
straight jet

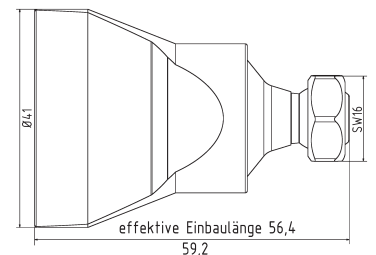
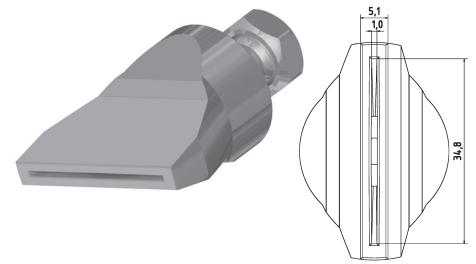
Düsen | Nozzles



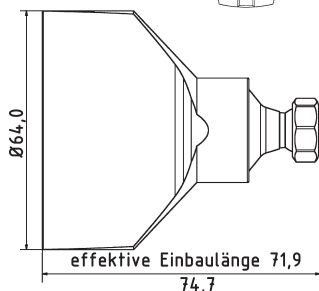
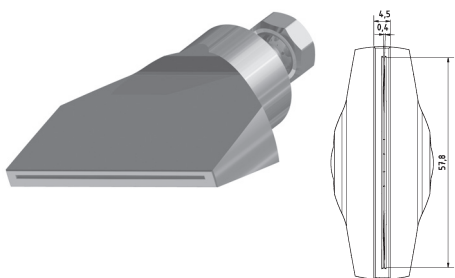
FSD.41.22 013 03 14 71 041 22
Flachdüse Schlitzbreite 35 x 2,2 mm gerader Strahl
flat nozzle broadly with slit 35 x 2,2 mm straight jet



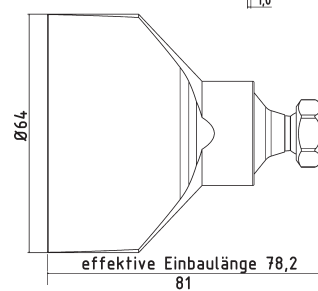
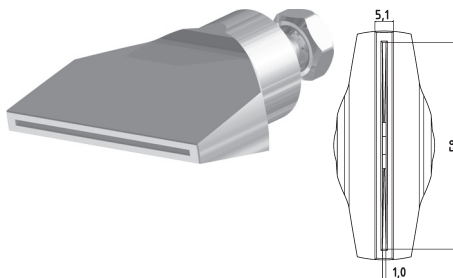
FSD.41.04 013 03 14 71 041 04
Flachdüse Schlitzbreite 35 x 0,4 mm gerader Strahl
flat nozzle broadly with slit 35 x 0,4 mm straight jet



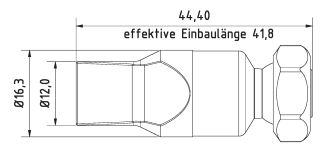
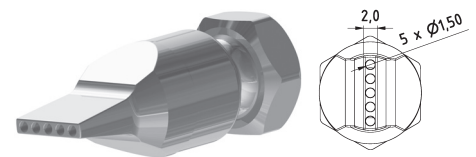
FSD.41.10 013 03 14 71 041 10
Flachdüse Schlitzbreite 35 x 1,0 mm gerader Strahl
flat nozzle broadly with slit 35 x 1,0 mm straight jet



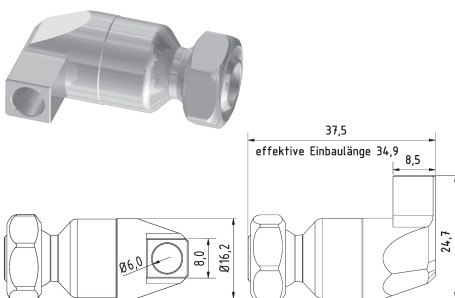
FSD.64.04 013 03 14 71 064 04
Flachdüse Schlitzbreite 58 x 0,4 mm gerader Strahl
flat nozzle broadly with slit 58 x 0,4 mm straight jet



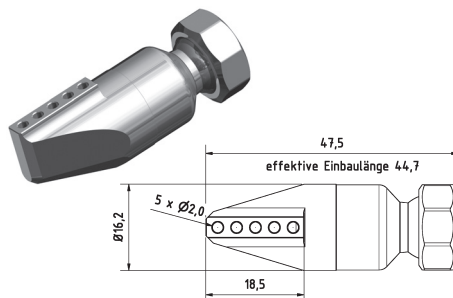
FSD.64.10 013 03 14 71 064 10
Flachdüse Schlitzbreite 58 x 1,0 mm gerader Strahl
flat nozzle broadly with slit 58 x 1,0 mm straight jet



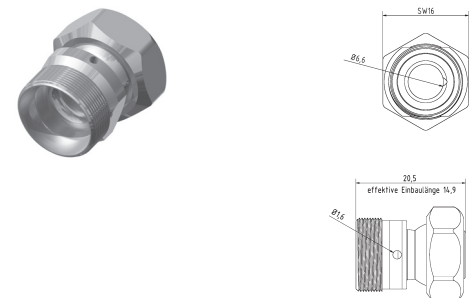
5RSD.1.5 013 03 14 73 05015
Düse gerade Bohrungen 5 x Ø 1,5 mm
nozzle straight drill hole 5 x Ø 1,5 mm



WD06.1/4 013 03 14 74 06
Düse 90° Bohrung 1 x Ø 6 mm
nozzle 90° drill hole 1 x Ø 6 mm

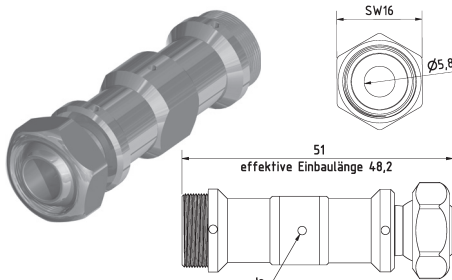


5RSD90.2 013 03 14 74 0502
Düse 90° Bohrungen 5 x Ø 2 mm
nozzle 90° drill hole 5 x Ø 2 mm

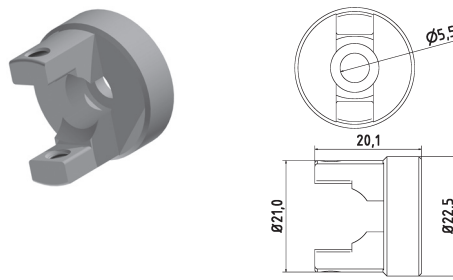


RDE.1.6 013 03 14 70 016
Ringdüsen Element Bohrung Ø 1,6 mm
ring nozzle element drill hole Ø 1,6 mm

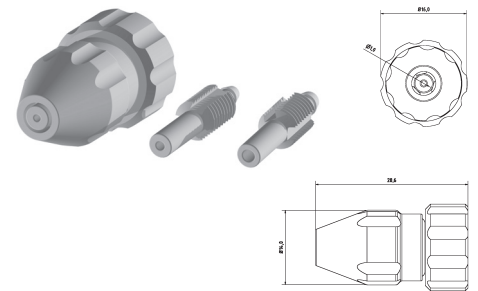
Düsen und Halterungen | Nozzles and Holder



3DU.016 013 03 14 75 03 16
Duschelement mit Bohrungen 3 x Ø 1,6 mm
shower element drillings 3 x Ø 1,6 mm

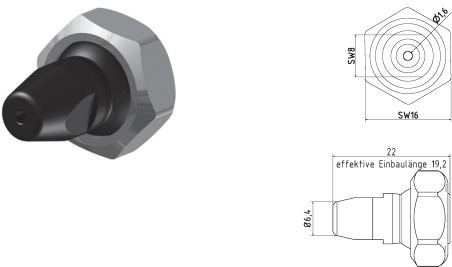


DUH 013 03 14 75 0001
Halterung zu Duschelement (inkl. Feststellschrauben)
holder to shower element (incl. Screws)

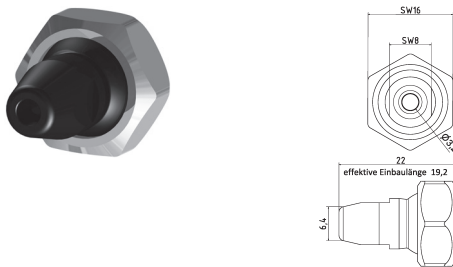


DMIN.SET 013 03 14 75 0002
Düse Minimalmengenschmiersystem Set für 2 mm, 2,5 mm und 3 mm Schlauch nozzle
minimum lubrication system set for 2 mm, 2,5 mm and 3 mm pipe

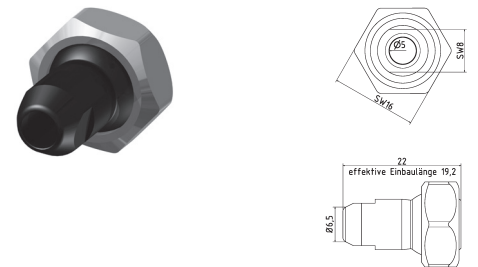
Kunststoff-Düsen | Plastic Nozzles



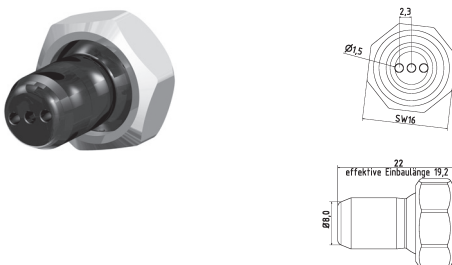
KRSD.016 013 03 14 75 016
Kunststoff-Düse gerade Bohrung Ø 1,6 mm
plastic nozzle straight Ø 1,6 mm



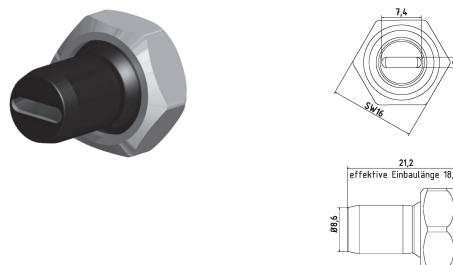
KRSD.032 013 03 14 75 032
Kunststoff-Düse gerade Bohrung Ø 3,2 mm
plastic nozzle straight Ø 3,2 mm



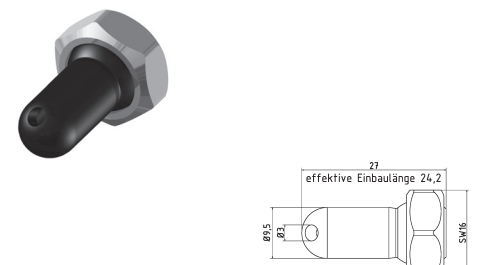
KRSD.050 013 03 14 75 050
Kunststoff-Düse gerade Bohrung Ø 5,0 mm
plastic nozzle straight Ø 5,0 mm



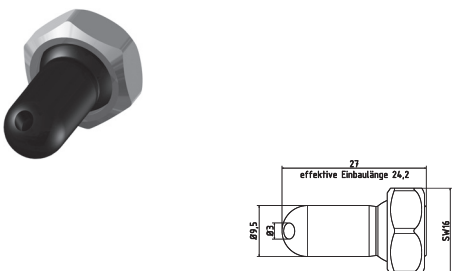
3KRSD.016 013 03 14 75 3016
Kunststoff-Düse gerade Bohrung 3 x Ø 1,6 mm
plastic nozzle straight 3 x Ø 1,6 mm



KFSD7.2 013 03 14 75 07 02
Kunststoff-Düse mit Schlitz 7 x 2,0 mm
plastic nozzle straight with slit 7 x 2,0 mm

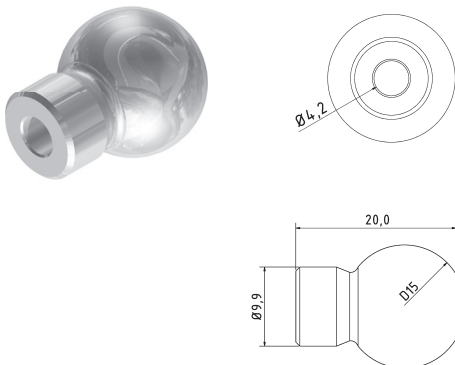


1KWD.03.30 013 03 14 75 0330
Kunststoff-Düse 30° Bohrung Ø 3 mm
plastic nozzle 30° drill hole Ø 3 mm



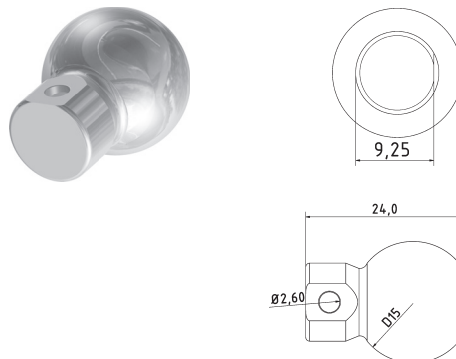
1KWD.03.60 013 03 14 75 0360
Kunststoff-Düse 60° Bohrung Ø 3 mm
plastic nozzle 60° drill hole Ø 3 mm

Kugeldüsen | Ball Nozzles



DWH.042.15 013 03 14 75 04215

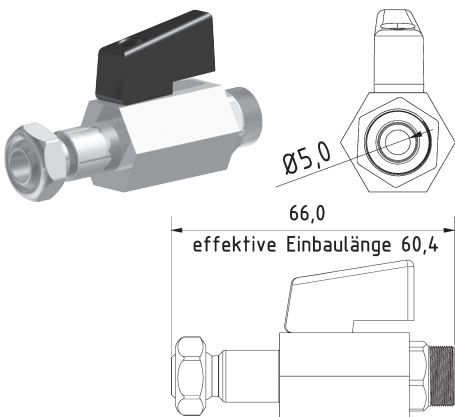
Düse für Werkzeughalter
gerade Bohrung Ø 4,2mm Kugel Ø 15mm
Nozzle for tool holder
straight bore Ø 4.2mm ball Ø 15mm



DWH90.026.15 013 03 14 75 02615

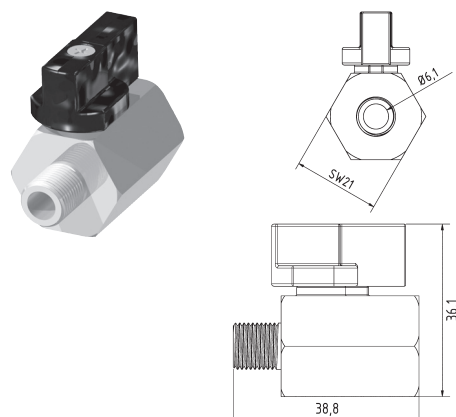
Düse für Werkzeughalter 90° Bohrung Ø 2,6mm
Kugel Ø 15mm
Nozzle for tool holder 90° bore Ø 2,6mm
ball Ø 15mm

Zubehör | Accessories



KHL 9924 0301 00

Kugelhahn Zwischenelement Typ1
ball valve intermediate element type1

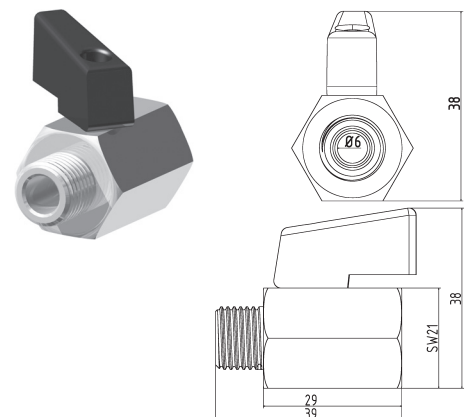


KH.01 9924 0301 01

Mini-Kugelhahn G1/8" Messing Verchromt
mini ball valve thread 1/8" brass chrome-plated

KH.01VA 9924 0302 01

Mini-Kugelhahn G1/8" Edelstahl
mini ball valve thread 1/8" stainless steel

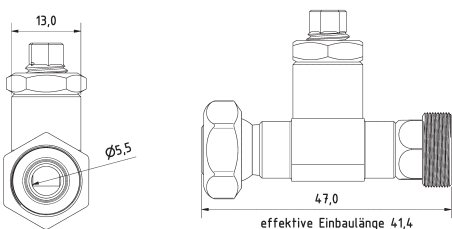
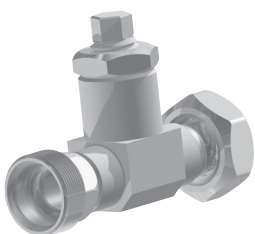


KH.02 9924 0301 02

Mini-Kugelhahn G1/4" Messing Verchromt
mini ball valve thread 1/4" brass chrome-plated

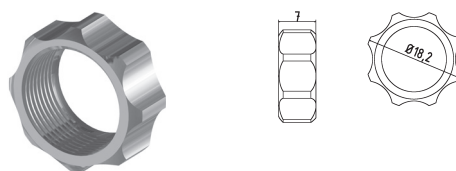
KH.02VA 9924 0302 02

Mini-Kugelhahn G1/4" Edelstahl
mini ball valve thread 1/4" stainless steel



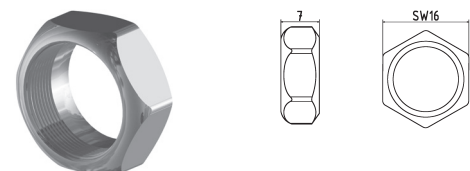
DRV 013 03 14 14 05

Drosselventil Typ1
throttle valve type1



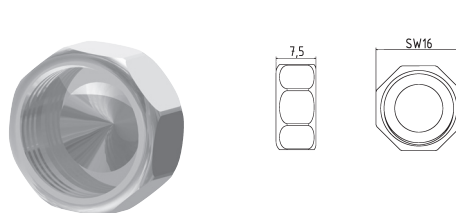
Handmutter 013 03 14 14 02

Mutter für Handverstellung
screw nut (hand feed)



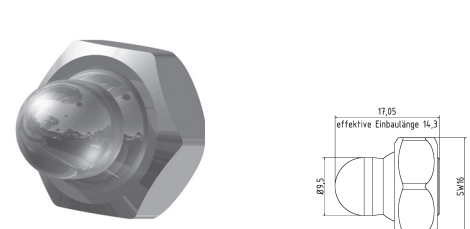
Mutter 013 03 14 14 01

screw nut (default)



VK 013 03 14 14 03

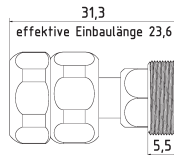
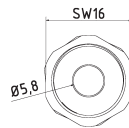
Verschlusskappe Typ 1
cap type 1



VS 013 03 14 14 04

Verschlussstopfen m. Mutter für Duschelement
seal plug with screw nut for shower element

Zubehör | Accessories



1-FP 013 03 14 FP

Zwischenelement mit fester Position (Schnellkupplung)

Intermediate element with fixed position (quick coupling)

SW-11 013 03 14 15 11

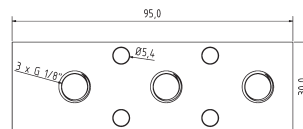
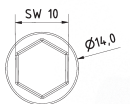
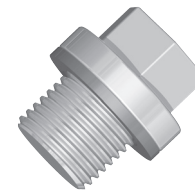
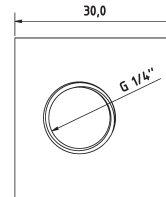
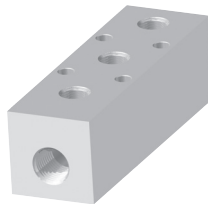
Schlüssel aus Stahl SW11

open end wrench SW11

SW-16 013 03 14 15 16

Schlüssel aus Stahl SW16

open end wrench SW16



VB.3.18 013 03 14 VB

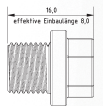
Verteilerblock Eingang Stirnseite G1/4"

manifold block entrance front end 1/4"

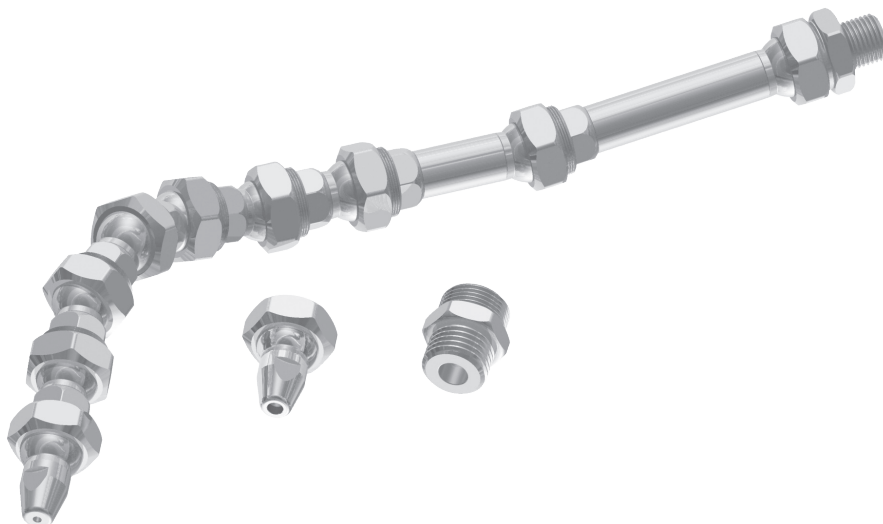
BS1/8 013 03 14 BS18

Blindstopfen G1/8"

blank plug with thread 1/8"



Grundset | Basic Set



GSVAK1/4

013 03 14 080-1

Grundset Typ1 1/4" System L = 230 mm

6 x 1-GE, 1 x 1-GE-2, 1 x 1-GE-3, 1 x 1-AD-18, 1 x 1-AD-14, 1 x 1-DU-16, 1 x 1-DU-32

basic set Type1 1/4" system l = 230 mm:

6 x 1-GE, 1 x 1-GE-2, 1 x 1-GE-3, 1 x 1-AD-18, 1 x 1-AD-14, 1 x 1-DU-16, 1 x 1-DU-32



GSRVAK1/4

013 03 14 080-2

Ringdüsen Set (17 x 1-DU-R + 1 x 1-WV-R) Ø = 80 mm erweiterbar

ring nozzle set (17 x 1-DU-R + 1 x 1-WV-R) Ø = 80 mm expendable

SCHNELLER UND LEISTUNGSFÄHIGER SUPPORT

Wir beraten Sie gerne persönlich
über die Vorteile unserer
Kühl-Schmierstoff-Leitungssysteme



SCHMIERTECHNIKWERK
STW - Kim Friedrich GmbH
Fischgrubenweg 14
74532 Ilshofen
Service-Telefon: +49 (0)7904 9444 762

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