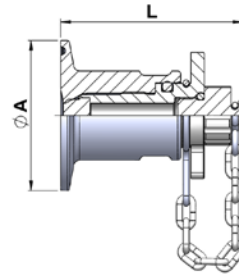


6.1.1 SAMPLING SYSTEM FOR CLAMP CONNECTION

TECHNICAL DATA

Standard-Baugrößen	<ul style="list-style-type: none"> • Sampling System for clamp connection $\varnothing 50,5\text{mm}$
Material	<p>Medium contacted:</p> <ul style="list-style-type: none"> • Ws. 14435 BN2 (316L) • Special materials e.g. 1.4539, Hastelloy 2.4602, Titan etc. on request <p>Non medium contacted:</p> <ul style="list-style-type: none"> • 1.4301/1.4305 or equivalent
Gasket	<p>Standard gaskets:</p> <ul style="list-style-type: none"> • EPDM • Special materials on request <p>Membran:</p> <ul style="list-style-type: none"> • Silicone
Surface quality	<p>Medium contacted:</p> <ul style="list-style-type: none"> • machined surface $R_a < 0,6\mu\text{m}$ • elektro polished $R_a < 0,5\mu\text{m}$ • elektro polished $R_a < 0,25\mu\text{m}$ • other qualities on request <p>Non medium contacted:</p> <ul style="list-style-type: none"> • elektro polished $R_a > 1,6\mu\text{m}$
Tracability	Medium contacted material marked with material number and heat number
Media	Gases and liquids
Operating temperature	-20°C to +150°C See temperature resistance chart of gaskets
Operating pressure	16 bar
Operating temperature gaskets	<ul style="list-style-type: none"> • EPDM: -40°C to +150°C • Silicone: -50°C to +200°C, short time to +230°C
Labelling	Ferrule etc.: company name, item number, size,, material, heat number Gasket, membrane: no labelling
Certification	<p>Medium contacted:</p> <ul style="list-style-type: none"> • EN 10204 / 3.1 <p>Medium contacted gaskets:</p> <ul style="list-style-type: none"> • FDA-conform, USP-Class VI, TSE-free according to selected gasket material or Customer preference <p>Membrane:</p> <ul style="list-style-type: none"> • FDA Conformity (§ 21 CFR 177.2600) • USP-Class VI • BFR XV. Silicone • EG Nr. 1935/2004



Probenahme mit TC 50,5mm, PL=30mm
1750 0000 0000 0301

6.1.1 SAMPLING SYSTEM FOR CLAMP CONNECTION

6.1.1.1 SAMPLING SYSTEM FOR CLAMP CONNECTION

Size	Item number	Diam. A [mm]	Length L [mm]								
ø 50,5mm, PL 30mm	1750 0000 0000 0301	50.50	61,50								

Available materials:

(Item-no. = 4. Block figure 1-3)

Item-No.	Material
030	1.4435 BN2
045	1.4539
060	2.4602 Hastelloy
070	Titan Grade 2

Available surface qualities:

(Item-No. = 4. Block figure 4)

Item-No.	Medium contacted surface
0	machined surface Ra<=0,6µm
1	electro polished Ra<=0,5µm
2	electro polished Ra<=0,25µm



Probenahme-Membran

6.1.1 SAMPLING SYSTEM FOR CLAMP CONNECTION

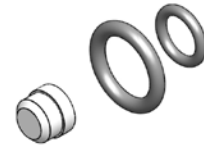
6.1.1.2 SAMPLING MEMBRANE Ø 25mm SILICONE

Size	Item number										
Ø 25mm	1621 0025 0000 1030										

Available materials:

(Item-no. = 4. Block figure 1-4)

Artikel-Nr.	Werkstoff
1030	SILICONE



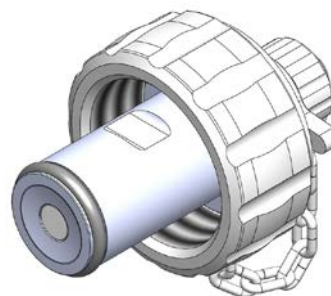
Ersatzteilkit Ingoldstopfen DN25
1754 0000 0000 1000

6.1.1 SAMPLING SYSTEM WITH CLAMP CONNECTION

6.1.1.3 SPAREPART KIT FOR SAMPLING SYSTEM FOR CLAMP CONNECTION

Size	ITEM number									
ø 25mm	1754 0000 0000 1000									

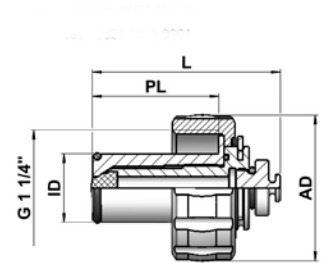
Material
1.4301
A2
PTFE
EPDM
SILICONE



6.1.2 SAMPLING SYSTEM FOR INGOLD FERRULE

TECHNICAL DATA

Standard sizes	<ul style="list-style-type: none"> • Ø 25mm, PL=46 / PL=30mm / PL=50mm
Material	<p>Medium contacted:</p> <ul style="list-style-type: none"> • Ws. 14435 BN2 (316L) • Special materials e.g. 1.4539, Hastelloy 2.4602, Titan etc. on request <p>Non medium contacted:</p> <ul style="list-style-type: none"> • 1.4301/1.4305 or equivalent
Gasket	<p>Standard gaskets:</p> <ul style="list-style-type: none"> • EPDM • Special materials on request <p>Membran:</p> <ul style="list-style-type: none"> • Silicone
Surface quality	<p>Medium contacted:</p> <ul style="list-style-type: none"> • machined surface Ra < 0,6µm • elektro polished Ra < 0,5µm • elektro polished Ra < 0,25µm • other qualities on request <p>Non medium contacted:</p> <ul style="list-style-type: none"> • elektro polished Ra > 1,6µm
Tracability	Medium contacted material marked with material number and heat number
Media	Gases and liquids
Operating temperature	-20°C to +150°C See temperature resistance chart of gaskets
Operating pressure	16 bar
Operating temperature gaskets	<ul style="list-style-type: none"> • EPDM: -40°C to +150°C • Silicone: -50°C to +200°C, short time to +230°C
Labelling	Ferrule etc.: company name, item number, size,, material, heat number Gasket, membrane: no labelling
Certification	<p>Medium contacted:</p> <ul style="list-style-type: none"> • EN 10204 / 3.1 <p>Medium contacted gaskets:</p> <ul style="list-style-type: none"> • FDA-conform, USP-Class VI, TSE-free according to selected gasket material or Customer preference <p>Membrane:</p> <ul style="list-style-type: none"> • FDA Conformity (§ 21 CFR 177.2600) • USP-Class VI • BFR XV. Silicone • EG Nr. 1935/2004



Asepto-Probenahmeinschub DN25 PL=46mm

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6.1.2 SAMPLING SYSTEM FOR INGOLD FERRULE

6.1.2.1 SAMPLING SYSTEM FOR INGOLD FERRULE Ø 25mm

Size	Item number	Length L [mm]	Diam. ID [mm]	Diam. AD [mm]	Fitted Length PL						
ø 25mm, PL 46mm	1620 0025 0000 0301	78.50	24.90	53.00	46.00						
ø 25mm, PL 30mm	1620 0025 0030 0301	62.50	24.90	53.00	30.00						
ø 25mm, PL 50mm	1620 0025 0050 0301	82.50	24.90	53.00	50.00						

Available materials:

(Item-no. = 4. Block figure 1-3)

Item-No.	Material
030	1.4435 BN2
045	1.4539
060	2.4602 Hastelloy
070	Titan Grade 2

Available surface qualities:

(Item-No. = 4. Block figure 4)

Item-No.	Medium contacted surface
0	machined surface Ra<=0,6µm
1	electro polished Ra<=0,5µm
2	electro polished Ra<=0,25µm



Ingold-Probenahme-Membran

6.1.2 SAMPLING SYSTEM FOR INGOLD FERRULE

6.1.2.2 SAMPLING MEMBRANE Ø 25mm SILICONE

Size	Item number										
Ø 25mm	1621 0025 0000 1030										

Available materials:

(Item-no. = 4. Block figure 1-4)

Artikel-Nr.	Werkstoff
1030	SILICONE



Ersatzteilkit für Ingoldstopfenmit Schauglas DN25
1644 0025 0000 1000

6.1.2 SAMPLING SYSTEM FOR INGOLD FERRULE

6.1.2.3 SPAREPART KIT FOR SAMPLING SYSTEM FOR INGOLD FERRULE

Size	ITEM number									
ø 25mm	1622 0025 0000 1000									

Material
1.4301
A2
PTFE
EPDM
SILICONE