IPOX

Hovedkatalog 2019 DK

Salgs- og leveringsbetingelser

for INOX STÅL HANDELSSELSKAB A/S ("INOX")

1 Generelt
For alle salgsaftaler gælder udelukkende nedenstående betingelser, for så vidt der ikke er ufravigelige lovbestemmelser og medmindre andet er skriftligt aftalt. Købers egne indkøbsbetingelser forpligter ikke INOX, medmindre andet er aftalt og skriftligt bekræftet af INOX.

2 Tilbud og købsordrer
Alle tilbud fra INOX, herunder men ikke begrænset til tilbud, der fremgår af INOX' hjemmeside www.inox.dk er alene en opfordring til køber til at afgive en købsordre, og er ikke bindende for INOX før INOX skriftligt har accepteret købers ordre. Købers ordre og leveringen af de deri omfattede produkter kan være omfattet af betaling af tillæg, herunder men ikke begrænset til fragt, emballage mv. Sådanne tillæg faktureres sammen med faktureringen af købsordren.En købsordre kan efterfølgende ikke ændres med mindre dette aftales med INOX.

3 Produktinformation
Alle oplysninger om vægt, dimensioner og kvalitet samt tekniske og andre data, der fremgår af kataloger, brochurer og website er vejledende - og kun bindende i det omfang, sådanne oplysninger indgår som en del af en aftale bekræftet af INOX.

4 Kvalitet/udførelse
Køber bærer selv ansvaret for, om tekniske data og materialet i sin helhed egner sig til hans behov. Er materialet ikke bestilt efter en standard eller med angiven kvalitetsbetegnelse, vil dette blive leveret i almindelig handelskvalitet og udførelse, uden ansvar for specielle kvalitetskrav.

5 Priser
INOX' priser er eksklusive den til enhver tid gældende moms, andre afgifter, told, gebyrer, fragt o.lign. INOX forbeholder sig retten til at regulere prisen som følge af forhøjelser i terminal- og transportomkostninger, assurance, told, afgifter, gebyrer m.v., som måtte indtræde efter INOX accept af købers ordre. Det samme gælder i tilfælde af udenlandske, danske eller EU-myndigheders indgreb i prisdannelsen, herunder fastsættelse af bindende mindstepriser, samt indførelse af antidumpingtold, udligningstold eller anden form for særtold eller afgift. Såfremt der opstår ekstraordinære omkostninger som følge af forstyrrelse eller afspærring af sædvanlige transportveje, er INOX berettiget til at forhøje prisen tilsvarende.

6 Betaling
Medmindre andet er aftalt, er købesummen for alle leverancer forfaldne til betaling netto kontant ved købers modtagelse af faktura.Ved betaling senere end 14 dage efter fakturadatoen forrentes den til enhver tid værende saldo med 2 % pr. påbegyndt måned. Såfremt køber ikke overholder betalingsfristen, forbeholder INOX sig ret til at tilbageholde yderligere leverancer, indtil betaling har fundet sted. Køber er uberettiget til at tilbageholde nogen del af købesummen som sikkerhed for opfyldelse af eventuelle modkrav vedrørende andre leverancer og sådan tilbageholdelse vil være at betragte som væsentlig misligholdelse af aftalen.

7 Levering og risikoens overgang
Levering sker ex works (Incoterms 2010) fra INOX eller fra anden lokation, såfremt dette er aftalt. Såfremt leveringen af produktet foretages af fragtfører udpeget af Inox, overgår risikoen for produktets hændelige undergang ved leveringen til den aftalte leveringsadresse. Medmindre andet er aftalt, afholder køber omkostningerne for leveringen af produktet, der faktureres til køber fra INOX. Der tillades afvigelser i den leverede mængde på +/- 10 % af den bestilte mængde. I forbindelse med leveringen skal køber straks foretage en grundig og passende undersøgelse af det leverede produkt. Hvis køber vil påberåbe en synlig skade på det leverede produkt, skal køber straks og senest på leveringsdagen give INOX meddelelse herom.

8 Undersøgelsespligt og reklamation
Det påhviler køber at undersøge varen straks efter modtagelsen. Såfremt køber vil påberåbe sig, at leverancen er utilstrækkelig eller behæftet med fejl, skal han senest 7 dage efter leveringen reklamere skriftligt. Under forudsætning af godkendt reklamation ombyttes den leverede vare eller godtgøres ved kreditering til købsprisen efter INOX' valg.

9 Ansvar
INOX' ansvar er begrænset til direkte tab. Inox påtager sig ikke erstatningsansvar for indirekte tab, herunder men ikke begrænset til driftstab, tabt arbejdsfortjeneste eller andet indirekte tab. INOX' ansvar er desuden begrænset til værdien af den pågældende ordre, hvori den mangelfulde eller forsinkede vare indgik.

10 Produktansvar
INOX påtager sig ikke erstatningsansvar for driftstab, tabt fortjeneste eller andet indirekte tab. INOX er ikke ansvarlig for skade forvoldt på: a) fast ejendom eller løsøre, som indtræder, mens materialerne er i købersbesiddelse. b) produkter, der er fremstillet af køber. c) produkter, hvori der indgår produkter fremstillet af køber eller, d) løsøre eller fast ejendom forårsaget af de i punkt c nævnte produkter. Køber skal holde INOX skadesløs i den udstrækning, INOX pålægges ansvar over for tredjemand for forhold som INOX i henhold til ovennævnte ikke er ansvarlig for overfor køber. Hvis tredjemand fremsætter erstatningskrav omfattet af denne bestemmelse mod en af parterne, skal denne part straks underrette den anden herom.

11 Ejendomsforbehold
INOX forbeholder sig ejendomsretten til det solgte produkt indtil den fulde købesum inklusive eventuelle påløbne omkostninger, rente m.v. er betalt til INOX.

12 Returnering
Returnering af fejlagtigt bestilte varer kan kun ske efter forudgående aftale og senest 8 dage efter levering. Ved returnering skal oprindelig faktura- eller ordrenummer altid oplyses til INOX inden returnering og returforsendelsen skal mærkes med et returnummer oplyst af INOX.
Såfremt INOX accepterer at foretage kreditering, fradrages der 15 % til dækning af vore omkostninger, dog minimum 500 kr. Undtaget er dog fejlekspederede samt reklamationsberettigede varer (i henhold til ovennævnte reklamationsbetingelser). Ved kreditering af skaffevarer opkræves endvidere eventuel betaling af leverandørbetinget returfradrag og fragt. Med mindre andet er aftalt, er det en betingelse for kreditering af returnerede varer, at disse er i ubeskadiget stand, samt at de emballeres forsvarligt, helst i originalemballage.

13 Værksleveringer
For alle ordrer leveret direkte fra værk gælder leveringsværkets salgs- og leveringsbetingelser aftalt med Inox. Købers egne købsbetingelser har kun gyldighed, hvis skriftligt udsagn herom foreligger fra leveringsværket.

14 Leveringstid
Leveringstiden regnes fra det tidspunkt, hvor alle spørgsmål vedrørende leveringens udførelse er klarlagt, og ordren definitivt noteret af INOX, respektive af vor leverandør. Såfremt INOX erfarer, at en væsentlig overskridelse af den opgivne leveringstid er sandsynlig, påhviler det INOX at underrette køber, om muligt med oplysning om, hvornår levering kan påregnes at finde sted. Annullering af værksordrer som følge af forsinket levering anerkendes kun i det omfang leveringsværket er indforstået hermed.

15 Force majeure
Skulle der opstå strejke, lockout, force majeure, driftsforstyrrelser eller forstyrrelser i leveringsværkets normale transportsystem, eller andre hindringer, som INOX ikke er herre over, berettiger det INOX til at annullere ordren helt eller delvist i samme omfang, som værket gør det over for INOX. INOX er i så fald ikke pligtig til at placere ordren andetsteds.

16 Tvistigheder
Uoverensstemmelser mellem køber og INOX, som ikke bilægges ad forhandlingens vej, afgøres ved de almindelige danske domstole.

01 Gevindfittings

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Info om lager og levering

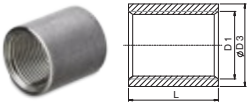
Vi lagerfører 2 typer gevindfittings:
INOX Standard og NORDS højtryk

Udvendige gevind er koniske efter ISO 7-1 / BSPT
Indvendige gevind er cylindriske efter ISO 228-1 / BSPP

	INOX **Standard**	NORDS **Højtryk**
Certifikat	EN10204 3.1	EN 10204 3.1 inkl. PED 2014/68/EU AD 2000 W0
Oprindelsesland	Kina	EU
Max driftstryk ved 20° C	Rørdele: 20 bar Støbte: 10 bar	≤ 1": 100 bar ≤ 2": 64 bar ≤ 4": 40 bar
Fremstilling		
Muffer og Nipler	Af rør efter ASTM A312	Af rør efter EN 10217-7
Sekskantdele	Støbt efter ASTM A351	Af stang efter EN 10272 / EN 10088-3
Teer og Vinkler	Støbt efter ASTM A351	Støbt efter EN 10213-4
Kvalitet		
Muffer og Nipler	AISI 316	EN 1.4404
Sekskantdele	AISI 316	EN 1.4404
Teer og Vinkler	AISI 316	EN 1.4408

NPT gevind
Gevindfittings med NPT gevind leveres fra fjernlager

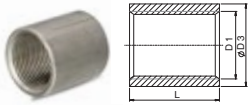
Andre kvaliteter
Gevindfittings i andre kvaliteter som EN 1.4462 Duplex, EN 1.4410 Super Duplex, EN 1.4539 / 904L, EN1.4547 / 254 SMO eller andre højtlegerede stål kan skaffes med kort leveringstid



Muffer 20 bar

INOX nr. 3000

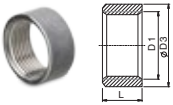
D1	D3	L	AISI 316
1/8"	14,0	20,0	●
1/4"	18,5	25,0	●
3/8"	21,5	26,0	●
1/2"	26,5	34,0	●
3/4"	32,0	36,0	●
1"	39,5	43,0	●
1 1/4"	48,5	48,0	●
1 1/2"	54,5	48,0	●
2"	66,5	56,0	●
2 1/2"	82,0	65,0	●
3"	95,0	71,0	●
4"	122,0	83,0	●



Muffer 40-100 bar

INOX nr. 3001

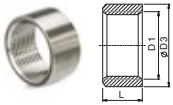
D1	D3	L	EN 1.4404
1/8"	14,0	17,0	●
1/4"	18,5	25,0	●
3/8"	21,5	26,0	●
1/2"	26,5	34,0	●
3/4"	32,0	36,0	●
1"	39,5	43,0	●
1 1/4"	48,5	48,0	●
1 1/2"	54,5	48,0	●
2"	66,5	56,0	●
2 1/2"	82,0	65,0	○
3"	95,0	71,0	○
4"	122,0	85,0	○



Halve muffer 20 bar

INOX nr. 3005

D1	D3	L	AISI 316
1/8"	14,0	11,0	●
1/4"	18,5	13,0	●
3/8"	21,5	12,0	●
1/2"	26,5	15,0	●
3/4"	32,0	17,0	●
1"	39,5	19,0	●
1 1/4"	48,5	22,0	●
1 1/2"	54,5	22,0	●
2"	66,5	26,0	●
2 1/2"	82,0	30,0	●
3"	95,0	33,0	●
4"	122,0	40,0	●

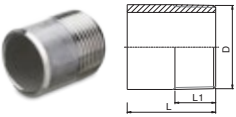


Halve muffer 40-100 bar

INOX nr. 3006

D1	D3	L	EN 1.4404
1/8"	14,0	10,0	○
1/4"	18,5	10,0	●
3/8"	21,5	12,0	●
1/2"	26,5	15,0	●
3/4"	32,5	17,0	●
1"	40,0	19,5	●
1 1/4"	48,5	22,0	●
1 1/2"	54,5	22,0	●
2"	66,5	26,0	●
2 1/2"	82,0	30,5	○
3"	95,0	34,0	○

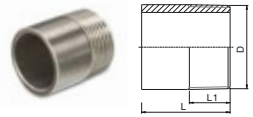
● = lagerdimension ○ = værkslager



Svejsenipler 20 bar

INOX nr. 3060

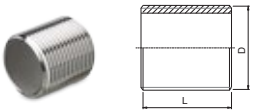
D	L1	L		AISI 316
1/8"	10,0	30,0		●
1/4"	12,0	30,0	100,0	●
3/8"	12,0	30,0	100,0	●
1/2"	17,0	35,0	100,0	●
3/4"	19,0	40,0	100,0	●
1"	19,0	40,0	100,0	●
1 1/4"	22,0	50,0	100,0	●
1 1/2"	22,0	50,0	100,0	●
2"	25,0	50,0	100,0	●
2 1/2"	25,0	60,0	100,0	●
3"	30,0	70,0		●
4"	35,0	80,0		●



Svejsenipler 40-100 bar

INOX nr. 3061

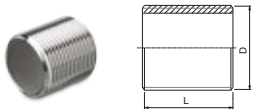
D	L1	L		EN 1.4408
1/8"	6,0	30,0		●
1/4"	9,0	30,0	100,0	●
3/8"	9,0	30,0	100,0	●
1/2"	12,0	35,0	100,0	●
3/4"	13,0	40,0	100,0	●
1"	15,0	40,0	100,0	●
1 1/4"	17,0	50,0		●
1 1/2"	17,0	50,0		●
2"	22,0	50,0		●
2 1/2"	24,0	60,0		○
3"	27,0	70,0		○
4"	33,0	80,0		○



Nipler 20 bar

INOX nr. 3070 m/ cylindrisk gevind

D	L	AISI 316
1/8"	16,0	●
1/4"	18,0	●
3/8"	22,0	●
1/2"	25,0	●
3/4"	30,0	●
1"	35,0	●
1 1/4"	38,0	●
1 1/2"	38,0	●
2"	45,0	●
2 1/2"	55,0	●
3"	60,0	●
4"	70,0	●

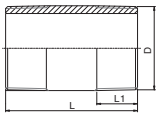


Nipler 40-100 bar

INOX nr. 3071 m/ cylindrisk gevind

D	L	EN 1.4404
1/8"	16,0	○
1/4"	18,0	○
3/8"	22,0	○
1/2"	25,0	○
3/4"	30,0	○
1"	35,0	○
1 1/4"	38,0	○
1 1/2"	38,0	○
2"	45,0	○
2 1/2"	55,0	○
3"	60,0	○

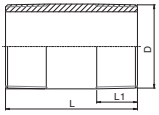
● = lagerdimension ○ = værkslager



Nippelrør 20 bar, AISI 316L

INOX nr. 3065

D	L1	L														
		30	40	50	60	70	75	80	90	100	120	150	180	200	250	300
1/8"	10,0	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○
1/4"	12,0	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●
3/8"	12,0	●	●	●	●	●	○	●	●	●	●	●	●	●	●	●
1/2"	17,0	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●
3/4"	19,0	○	●	●	●	●	○	●	●	●	●	●	●	●	●	●
1"	19,0	○	●	●	●	●	○	●	○	●	●	●	●	●	●	●
1 1/4"	22,0	○	○	●	●	○	○	●	○	●	●	●	●	●	●	●
1 1/2"	22,0	○	○	●	●	○	○	●	○	●	●	●	●	●	●	●
2"	26,0	○	○	●	●	○	○	●	○	●	●	●	●	●	●	●
2 1/2"	26,0	○	○	○	○	○	○	○	○	●	○	○	○	○	○	○
3"	30,0	○	○	○	○	○	○	○	○	○	●	○	○	○	○	○
4"	35,0	○	○	○	○	○	○	○	○	○	●	○	○	○	○	○

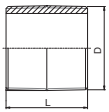


Nippelrør 40-100 bar

INOX nr. 3066

D	L1	L*	EN 1.4404
1/8"	6,0	40,0	●
1/4"	9,0	40,0	●
3/8"	9,0	40,0	●
1/2"	12,0	60,0	●
3/4"	13,0	60,0	●
1"	15,0	60,0	●
1 1/4"	17,0	80,0	●
1 1/2"	17,0	80,0	●
2"	22,0	100,0	●
2 1/2"	24,0	100,0	○
3"	27,0	120,0	○
4"	33,0	150,0	○

*Andre længder = skaffevare

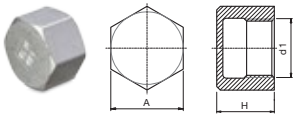


Nippelrør sammenskåret

INOX nr. 3065S

D	L	AISI 316
1/4"	25,0	●
3/8"	25,0	●
1/2"	30,0	●
3/4"	30,0	●
1"	30,0	●
1 1/4"	40,0	●
1 1/2"	40,0	●
2"	40,0	●

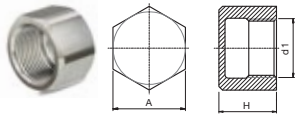
● = lagerdimension ○ = værkslager



Slutmuffer 10 bar

INOX nr. 3010

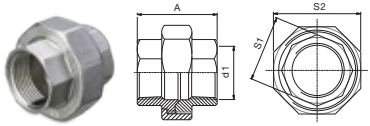
d1	A	H	AISI 316
1/8"	13,5	13,5	●
1/4"	16,8	18,5	●
3/8"	20,2	19,5	●
1/2"	24,6	21,1	●
3/4"	30,1	21,7	●
1"	37,5	24,8	●
1 1/4"	46,7	26,5	●
1 1/2"	53,0	30,0	●
2"	65,7	34,2	●
2 1/2"	80,5	38,7	●
3"	96,0	42,5	●
4"	123,3	48,4	●



Slutmuffer 40-100 bar

INOX nr. 3011

d1	A	H	EN 1.4404
1/8"	14,0	13,0	○
1/4"	19,0	17,0	●
3/8"	22,0	18,0	●
1/2"	27,0	22,0	●
3/4"	32,0	24,0	●
1"	41,0	28,0	●
1 1/4"	50,0	30,0	●
1 1/2"	55,0	31,0	●
2"	70,0	35,0	●
2 1/2"	85,0	40,0	○
3"	95,0	45,0	○
4"	126,0	45,0	○

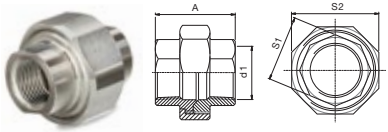


Unioner I/I 10 bar

INOX nr. 3015 - m/ konisk tætning

INOX nr. 3016 - m/ flad tætning + PTFE

d1	A	S1	S2	AISI 316
1/8"	36,3	13,3	24,1	●
1/4"	36,3	16,8	27,6	●
3/8"	37,2	20,2	34,0	●
1/2"	39,1	24,5	39,5	●
3/4"	45,4	29,7	46,7	●
1"	49,0	36,5	54,0	●
1 1/4"	51,1	46,2	63,9	●
1 1/2"	54,2	52,3	73,5	●
2"	58,8	64,6	86,9	●
2 1/2"	74,5	79,2	102,5	●
3"	89,5	94,9	121,9	●
4"	98,6	120,3	151,3	●



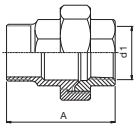
Unioner I/I 40-100 bar

INOX nr. 3017 - m/ konisk tætning

INOX nr. 3018 - m/ flad tætning + PTFE

d1	A	S1	S2	EN 1.4404
1/8"	32,0	15,0	24,0	○
1/4"	38,0	20,5	30,0	●
3/8"	41,0	24,0	38,0	●
1/2"	46,0	29,0	43,0	●
3/4"	50,0	35,0	50,0	●
1"	56,0	44,0	60,0	●
1 1/4"	62,0	52,0	67,0	●
1 1/2"	64,0	58,0	73,0	●
2"	67,0	71,5	87,0	●
2 1/2"	70,0	88,0	110,0	○
3"	75,0	102,0	128,0	○

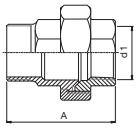
● = lagerdimension ○ = værkslager

Unioner I/U 10 bar

INOX nr. 3020 - m/ konisk tætning
INOX nr. 3021 - m/ flad tætning + PTFE

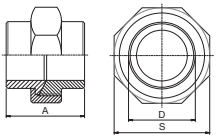
d1	A	S1	S2	AISI 316
1/8"	42,5	13,3	24,1	●
1/4"	46,5	16,8	27,6	●
3/8"	47,2	20,2	34,0	●
1/2"	53,5	24,5	39,5	●
3/4"	57,0	29,7	46,7	●
1"	66,1	36,5	54,0	●
1 1/4"	67,8	46,2	63,9	●
1 1/2"	75,2	52,3	73,5	●
2"	84,4	64,6	86,9	●
2 1/2"	99,0	79,2	102,5	●
3"	118,0	94,9	121,9	●
4"	130,3	120,3	151,3	●

Unioner I/U 40-100 bar

INOX nr. 3022 - m/ konisk tætning
INOX nr. 3023 - m/ flad tætning + PTFE

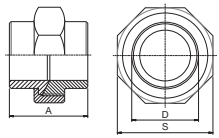
d1	A	S1	S2	EN 1.4404
1/8"	40,5	15,0	24,0	○
1/4"	47,0	20,5	30,0	●
3/8"	53,0	24,0	38,0	●
1/2"	62,0	29,0	43,0	●
3/4"	66,0	35,0	50,0	●
1"	74,0	44,0	60,0	●
1 1/4"	81,0	52,0	67,0	●
1 1/2"	84,0	58,0	73,0	●
2"	87,0	71,5	87,0	●
2 1/2"	97,0	88,0	110,0	○
3"	109,0	102,0	125,0	○

Unioner, svejse 10 bar

INOX nr. 3025 m/ konisk tætning
INOX nr. 3026 m/ flad tætning + PTFE

d1	A	D	S	AISI 316
1/8"	-	-	-	○
1/4"	31,0	13,8	28,0	○
3/8"	38,0	17,3	34,0	●
1/2"	40,0	21,6	39,5	●
3/4"	47,1	27,1	47,0	●
1"	49,6	34,0	54,0	●
1 1/4"	54,3	42,7	64,0	●
1 1/2"	57,2	48,6	73,5	●
2"	60,0	60,5	87,0	●
2 1/2"	70,4	76,3	103,0	●
3"	81,0	89,1	122,0	○
4"	92,3	114,3	151,5	○

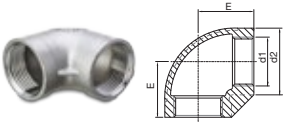



Unioner, svejse 40-100 bar

INOX nr. 3027 m/ konisk tætning
INOX nr. 3028 m/ flad tætning + PTFE

d1	A	D	S	EN 1.4404
1/8"	-	-	-	○
1/4"	-	-	-	○
3/8"	-	-	-	○
1/2"	40,0	21,3	38,0	●
3/4"	44,0	26,9	43,0	●
1"	53,0	33,7	60,0	●
1 1/4"	57,0	42,4	68,0	●
1 1/2"	63,0	48,3	74,0	●
2"	74,0	60,3	88,0	●
2 1/2"	80,0	77,0	110,0	○
3"	83,0	89,0	128,0	○

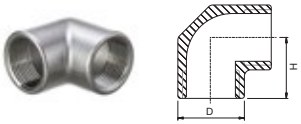
● = lagerdimension ○ = værkslager



Vinkler I/I 10 bar

INOX nr. 3030

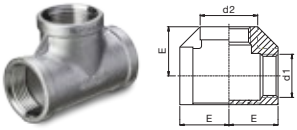
d1	d2	E	AISI 316
1/8"	14,8	17,0	●
1/4"	18,3	19,0	●
3/8"	21,7	23,0	●
1/2"	26,6	27,0	●
3/4"	32,1	32,0	●
1"	39,5	38,0	●
1 1/4"	49,2	45,0	●
1 1/2"	54,3	48,0	●
2"	68,2	57,0	●
2 1/2"	83,5	69,0	●
3"	99,0	78,0	●
4"	125,0	96,0	●



Vinkler I/I 40-100 bar

INOX nr. 3031

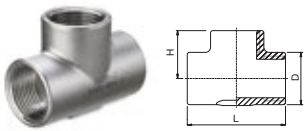
d1	D	H	EN 1.4408
1/8"	14,0	19,0	○
1/4"	17,5	21,0	●
3/8"	21,6	25,0	●
1/2"	27,0	28,0	●
3/4"	33,3	34,0	●
1"	40,0	38,0	●
1 1/4"	51,0	45,0	●
1 1/2"	57,6	50,0	●
2"	68,0	58,0	●
2 1/2"	84,0	75,0	○
3"	98,0	85,0	○



Teer 10 bar

INOX nr. 3035

d1	d2	E	AISI 316
1/8"	14,8	17,0	●
1/4"	18,3	19,0	●
3/8"	21,7	23,0	●
1/2"	26,6	27,0	●
3/4"	32,1	32,0	●
1"	39,5	38,0	●
1 1/4"	49,2	45,0	●
1 1/2"	54,3	48,0	●
2"	68,2	57,0	●
2 1/2"	83,5	69,0	●
3"	99,0	78,0	●
4"	125,0	96,0	●

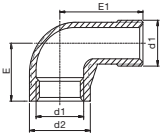


Teer 40-100 bar

INOX nr. 3036

d1	D	H	EN 1.4408
1/8"	14,0	17,0	○
1/4"	17,5	19,0	●
3/8"	21,6	23,0	●
1/2"	27,0	27,0	●
3/4"	33,0	32,0	●
1"	40,0	38,0	●
1 1/4"	51,0	45,0	●
1 1/2"	57,6	48,0	●
2"	67,8	57,0	●
2 1/2"	84,0	69,0	○
3"	98,0	78,0	○

● = lagerdimension ○ = værkslager



Vinkler I/U 10 bar

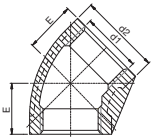
INOX nr. 3040

d1	d2	E	E1	AISI 316
1/8"	14,8	17,0	26,0	●
1/4"	18,3	19,0	27,0	●
3/8"	21,7	23,0	29,0	●
1/2"	26,6	27,0	35,0	●
3/4"	32,1	32,0	40,0	●
1"	39,5	38,0	46,0	●
1 1/4"	49,2	45,0	54,0	●
1 1/2"	55,5	48,0	57,0	●
2"	68,2	57,0	70,0	●
2 1/2"	83,5	69,0	83,0	●
3"	99,0	78,0	94,0	●
4"	126,3	97,0	115,0	●

Vinkler I/U 40-100 bar

INOX nr. 3041

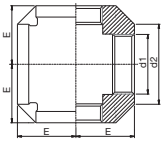
d1	d2	E	E1	EN 1.4408
1/8"	-	-	-	-
1/4"	17,5	19,0	27,0	●
3/8"	21,6	21,0	29,0	●
1/2"	27,0	25,0	35,0	●
3/4"	33,0	30,0	40,0	●
1"	40,0	37,0	46,0	●
1 1/4"	51,0	43,0	54,0	●
1 1/2"	57,6	49,0	57,0	●
2"	68,0	59,0	70,0	●



Vinkler 45° 10 bar

INOX nr. 3045

d1	d2	E	AISI 316
1/8"	14,8	16,0	○
1/4"	18,3	17,0	●
3/8"	21,7	19,0	●
1/2"	26,6	21,0	●
3/4"	32,1	25,0	●
1"	39,5	29,0	●
1 1/4"	49,2	33,0	●
1 1/2"	54,3	37,0	●
2"	68,2	42,0	●
2 1/2"	83,5	49,0	○
3"	99,0	54,0	○
4"	125,0	64,0	○

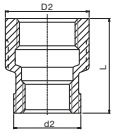


Kryds 10 bar

INOX nr. 3050

d1	d2	E	AISI 316
1/8"	14,8	17,0	○
1/4"	18,3	19,0	●
3/8"	21,7	23,0	●
1/2"	26,6	27,0	●
3/4"	32,5	32,0	●
1"	39,5	38,0	●
1 1/4"	49,2	45,0	●
1 1/2"	55,5	48,0	●
2"	68,2	57,0	●
2 1/2"	83,5	69,0	○
3"	99,0	78,0	○
4"	125,0	96,0	○

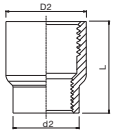
● = lagerdimension ○ = værkslager



Muffer, red. 10 bar

INOX nr. 3075

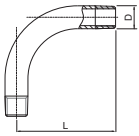
D x d	D2	d2	L	AISI 316
1/4" x 1/8"	18,3	14,8	25,0	●
3/8" x 1/8"	21,7	14,8	26,0	●
3/8" x 1/4"	21,7	18,3	26,0	●
1/2" x 1/8"	26,6	14,8	34,0	●
1/2" x 1/4"	26,6	18,3	34,0	●
1/2" x 3/8"	26,6	21,7	34,0	●
3/4" x 1/4"	32,1	18,3	36,0	●
3/4" x 3/8"	32,1	21,7	36,0	●
3/4" x 1/2"	32,1	26,6	36,0	●
1" x 1/4"	39,5	18,3	42,0	●
1" x 3/8"	39,5	21,7	42,0	●
1" x 1/2"	39,5	26,6	42,0	●
1" x 3/4"	39,5	32,1	42,0	●
1 1/4" x 1/2"	49,2	26,6	48,0	●
1 1/4" x 3/4"	49,2	32,1	48,0	●
1 1/4" x 1"	49,2	39,5	48,0	●
1 1/2" x 1/2"	55,5	26,6	52,0	●
1 1/2" x 3/4"	55,5	32,1	52,0	●
1 1/2" x 1"	55,5	39,5	52,0	●
1 1/2" x 1 1/4"	55,5	49,2	52,0	●
2" x 1/2"	68,2	26,6	58,0	●
2" x 3/4"	68,2	32,1	58,0	●
2" x 1"	68,2	39,5	58,0	●
2" x 1 1/4"	68,2	49,2	58,0	●
2" x 1 1/2"	68,2	55,5	58,0	●
2 1/2" x 1 1/2"	83,5	55,5	65,0	●
2 1/2" x 2"	83,5	68,2	65,0	●
3" x 2"	99,0	68,2	72,0	●
3" x 2 1/2"	99,0	83,5	72,0	●
4" x 3"	126,3	99,0	94,0	●



Muffer, red. 40-100 bar

INOX nr. 3076

D x d	D2	d2	L	EN 1.4404
1/4" x 1/8"	18,8	14,0	27,0	●
3/8" x 1/4"	21,4	19,0	30,0	●
1/2" x 1/4"	27,5	19,0	36,0	●
1/2" x 3/8"	27,5	23,0	36,0	●
3/4" x 3/8"	32,5	23,0	39,0	●
3/4" x 1/2"	32,5	28,0	39,0	●
1" x 1/2"	39,5	28,0	45,0	●
1" x 3/4"	39,5	32,5	45,0	●
1 1/4" x 1/2"	49,5	28,0	52,0	○
1 1/4" x 3/4"	49,5	32,5	52,0	○
1 1/4" x 1"	49,5	39,5	52,0	●
1 1/2" x 3/4"	54,7	32,5	55,0	○
1 1/2" x 1"	54,7	39,5	55,0	●
1 1/2" x 1 1/4"	54,7	49,5	55,0	●
2" x 1"	69,5	39,5	65,0	●
2" x 1 1/4"	69,5	49,5	65,0	●
2" x 1 1/2"	69,5	55,5	65,0	●
2 1/2" x 2"	84,0	69,5	74,0	○
3" x 2"	99,5	69,5	78,0	○
3" x 2 1/2"	99,5	84,0	80,0	○

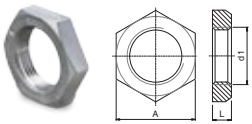


Bøjninger 90° 20 bar

INOX nr. 3055

d1	D	L	AISI 316
1/8"	10,2	50,0	●
1/4"	13,5	60,0	●
3/8"	17,2	70,0	●
1/2"	21,3	80,0	●
3/4"	26,9	100,0	●
1"	33,7	120,0	●
1 1/4"	42,4	140,0	●
1 1/2"	48,3	160,0	●
2"	60,3	190,0	●
2 1/2"	76,1	240,0	●

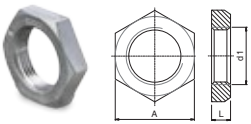
● = lagerdimension ○ = værkslager



Kontramøtrikker 10 bar

INOX nr. 3090

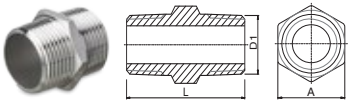
d1	A	L	AISI 316
1/8"	19,0	8,5	●
1/4"	22,0	8,5	●
3/8"	27,0	9,0	●
1/2"	32,0	9,0	●
3/4"	36,0	10,0	●
1"	46,0	11,0	●
1 1/4"	55,0	12,0	●
1 1/2"	60,0	13,0	●
2"	75,0	13,5	●
2 1/2"	90,0	17,5	●
3"	100,0	21,0	●
4"	130,0	22,0	●



Kontramøtrikker 40-100 bar

INOX nr. 3091

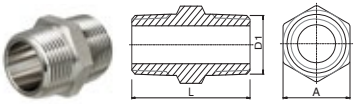
d1	A	L	EN 1.4404
1/8"	17,0	7,0	○
1/4"	22,0	8,0	●
3/8"	27,0	9,0	●
1/2"	32,0	9,0	●
3/4"	36,0	10,0	●
1"	46,0	11,0	●
1 1/4"	55,0	13,0	●
1 1/2"	60,0	13,0	●
2"	75,0	14,0	●
2 1/2"	95,0	16,0	○
3"	105,0	19,0	○



Brystnipler 10 bar

INOX nr. 3080

D1	A	L	AISI 316
1/8"	12,0	20,0	●
1/4"	15,0	25,0	●
3/8"	19,0	27,0	●
1/2"	23,0	34,0	●
3/4"	29,0	36,5	●
1"	36,0	42,0	●
1 1/4"	45,0	47,5	●
1 1/2"	51,0	47,5	●
2"	63,0	57,0	●
2 1/2"	80,0	62,0	●
3"	95,0	67,5	●
4"	120,0	80,0	●

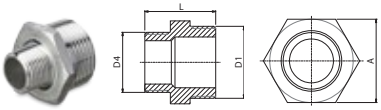


Brystnipler 40-100 bar

INOX nr. 3081

D1	A	L	EN 1.4404
1/8"	12,0	21,0	●
1/4"	14,0	28,0	●
3/8"	19,0	29,0	●
1/2"	22,0	36,0	●
3/4"	30,0	41,0	●
1"	36,0	46,5	●
1 1/4"	46,0	54,0	●
1 1/2"	50,0	54,0	●
2"	65,0	65,5	●
2 1/2"	80,0	76,5	○
3"	90,0	85,0	○
4"	126,0	94,0	○

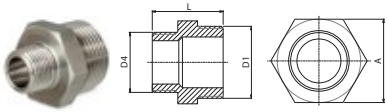
● = lagerdimension ○ = værkslager



Brystnipler, red. 10 bar

INOX nr. 3085

D1 x D4	A	L	AISI 316
1/4" x 1/8"	15,0	22,5	●
3/8" x 1/8"	19,0	24,0	●
3/8" x 1/4"	19,0	26,5	●
1/2" x 1/8"	23,0	27,5	●
1/2" x 1/4"	23,0	30,0	●
1/2" x 3/8"	23,0	30,5	●
3/4" x 1/4"	29,0	31,5	●
3/4" x 3/8"	29,0	32,0	●
3/4" x 1/2"	29,0	35,5	●
1" x 1/4"	36,0	34,5	●
1" x 3/8"	36,0	35,0	●
1" x 1/2"	36,0	38,5	●
1" x 3/4"	36,0	39,5	●
1 1/4" x 1/2"	45,0	41,5	●
1 1/4" x 3/4"	45,0	42,5	●
1 1/4" x 1"	45,0	45,0	●
1 1/2" x 1/2"	51,0	41,5	●
1 1/2" x 3/4"	51,0	42,5	●
1 1/2" x 1"	51,0	45,0	●
1 1/2" x 1 1/4"	51,0	47,5	●
2" x 1/2"	63,0	46,5	●
2" x 3/4"	63,0	47,5	●
2" x 1"	63,0	50,0	●
2" x 1 1/4"	63,0	52,5	●
2" x 1 1/2"	63,0	52,5	●
2 1/2" x 1 1/2"	80,0	54,5	●
2 1/2" x 2"	80,0	59,0	●
3" x 2"	95,0	62,5	●
3" x 2 1/2"	95,0	64,5	●
4" x 3"	120,0	74,0	●

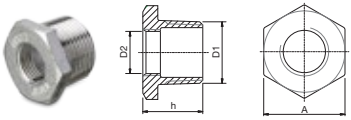


Brystnipler, red. 40-100 bar

INOX nr. 3086

D1 x D4	A	L	EN 1.4404
1/4" x 1/8"	14,0	25,0	●
3/8" x 1/8"	19,0	25,5	○
3/8" x 1/4"	19,0	29,0	●
1/2" x 1/8"	22,0	30,0	○
1/2" x 1/4"	22,0	33,0	●
1/2" x 3/8"	22,0	33,5	●
3/4" x 1/4"	30,0	37,0	●
3/4" x 3/8"	30,0	37,0	●
3/4" x 1/2"	30,0	40,5	●
1" x 1/4"	36,0	40,0	○
1" x 3/8"	36,0	40,5	○
1" x 1/2"	36,0	44,0	●
1" x 3/4"	36,0	45,5	●
1 1/4" x 1/2"	46,0	48,0	●
1 1/4" x 3/4"	46,0	49,5	●
1 1/4" x 1"	46,0	52,0	●
1 1/2" x 1/2"	50,0	48,0	○
1 1/2" x 3/4"	50,0	49,0	○
1 1/2" x 1"	50,0	52,0	●
1 1/2" x 1 1/4"	50,0	54,0	●
2" x 1"	65,0	59,0	●
2" x 1 1/4"	65,0	62,0	●
2" x 1 1/2"	65,0	62,0	●
2 1/2" x 2"	80,0	73,0	○
3" x 2"	90,0	78,0	○
3" x 2 1/2"	90,0	82,0	○

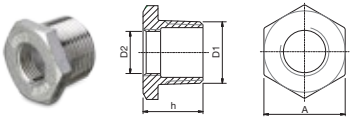
● = lagerdimension ○ = værkslager



Nippelmuffer 10 bar

INOX nr. 3110

D1 x D2	A	h	AISI 316
1/4" x 1/8"	16,5	16,0	●
3/8" x 1/8"	21,8	16,0	●
3/8" x 1/4"	21,8	18,5	●
1/2" x 1/8"	25,5	20,0	●
1/2" x 1/4"	25,5	20,0	●
1/2" x 3/8"	25,5	20,0	●
3/4" x 1/8"	31,5	25,0	●
3/4" x 1/4"	31,5	25,0	●
3/4" x 3/8"	31,5	25,0	●
3/4" x 1/2"	31,5	25,0	●
1" x 1/4"	38,0	30,5	●
1" x 3/8"	38,0	30,5	●
1" x 1/2"	38,0	30,5	●
1" x 3/4"	38,0	30,5	●
1 1/4" x 1/2"	46,0	31,5	●
1 1/4" x 3/4"	46,0	31,5	●
1 1/4" x 1"	46,0	31,5	●
1 1/2" x 1/2"	51,8	33,5	●
1 1/2" x 3/4"	51,8	33,5	●
1 1/2" x 1"	51,8	33,5	●
1 1/2" x 1 1/4"	51,8	33,5	●
2" x 1/2"	62,5	34,0	●
2" x 3/4"	62,5	34,0	●
2" x 1"	62,5	34,0	●
2" x 1 1/4"	62,5	34,0	●
2" x 1 1/2"	62,5	34,0	●
2 1/2" x 1 1/2"	79,5	42,0	●
2 1/2" x 2"	79,5	42,0	●
3" x 1 1/2"	94,5	42,0	●
3" x 2"	94,5	42,0	●
3" x 2 1/2"	94,5	42,0	●
4" x 2"	118,0	45,0	●
4" x 2 1/2"	118,0	45,0	●
4" x 3"	118,0	45,0	●

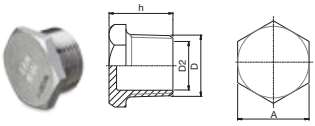


Nippelmuffer 40-100 bar

INOX nr. 3111

D1 x D2	A	h	EN 1.4404
1/4" x 1/8"	14,0	11,0	●
3/8" x 1/8"	19,0	11,5	○
3/8" x 1/4"	19,0	11,5	●
1/2" x 1/8"	22,0	21,0	●
1/2" x 1/4"	22,0	21,0	●
1/2" x 3/8"	22,0	21,0	●
3/4" x 1/4"	30,0	24,5	●
3/4" x 3/8"	30,0	24,5	●
3/4" x 1/2"	30,0	24,5	●
1" x 1/4"	36,0	27,0	●
1" x 3/8"	36,0	27,0	●
1" x 1/2"	36,0	27,0	●
1" x 3/4"	36,0	27,0	●
1 1/4" x 1/2"	46,0	32,5	○
1 1/4" x 3/4"	46,0	32,5	●
1 1/4" x 1"	46,0	32,5	●
1 1/2" x 1/2"	50,0	32,5	●
1 1/2" x 3/4"	50,0	32,5	●
1 1/2" x 1"	50,0	32,5	●
1 1/2" x 1 1/4"	50,0	32,5	●
2" x 1"	65,0	40,0	○
2" x 1 1/4"	65,0	40,0	●
2" x 1 1/2"	65,0	40,0	●
2 1/2" x 2"	80,0	46,0	○
3" x 2"	90,0	51,5	○
3" x 2 1/2"	90,0	51,5	○

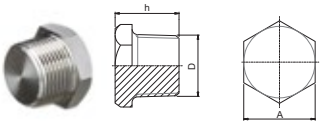
● = lagerdimension ○ = værkslager



Propper, 6-kt. 10 bar

INOX nr. 3096 m/ konisk gevind

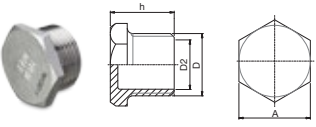
D	D2	A	h	AISI 316
1/8"	-	14,0	12,0	●
1/4"	-	17,0	16,0	●
3/8"	11,3	21,0	16,0	●
1/2"	14,6	26,0	19,5	●
3/4"	19,9	32,0	21,0	●
1"	25,8	38,0	24,0	●
1 1/4"	34,5	46,0	27,0	●
1 1/2"	39,5	52,0	27,0	●
2"	51,5	65,0	32,0	●
2 1/2"	61,2	80,0	34,0	●
3"	76,8	95,0	37,5	●
4"	102,3	120,0	44,0	●



Propper, 6-kt. massiv 40-100 bar

INOX nr. 3097 m/ konisk gevind

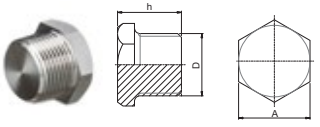
D	A	h	EN 1.4404
1/8"	13,0	14,0	●
1/4"	14,0	17,0	●
3/8"	19,0	17,0	●
1/2"	23,0	21,0	●
3/4"	30,0	24,0	●
1"	36,0	27,0	●
1 1/4"	46,0	32,0	●
1 1/2"	50,0	33,0	●
2"	65,0	38,0	●
2 1/2"	80,0	45,0	○
3"	90,0	48,0	○



Propper, 6-kt. 10 bar

INOX nr. 3095 m/ cylindrisk gevind

D	D2	A	h	AISI 316
1/8"	-	14,0	12,0	●
1/4"	-	17,0	16,0	●
3/8"	11,3	21,0	16,0	●
1/2"	14,6	26,0	19,5	●
3/4"	19,9	32,0	21,0	●
1"	25,8	38,0	24,0	●
1 1/4"	34,5	46,0	27,0	●
1 1/2"	39,5	52,0	27,0	●
2"	51,5	65,0	32,0	●

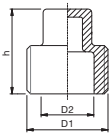


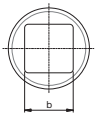
Propper, 6-kt. massiv 40-100 bar

INOX nr. 3098 m/ cylindrisk gevind

D	A	h	EN 1.4404
1/8"	14,0	13,0	○
1/4"	19,0	16,0	○
3/8"	22,0	17,0	○
1/2"	27,0	22,0	●
3/4"	32,0	24,0	○
1"	41,0	28,0	○

● = lagerdimension ○ = værkslager

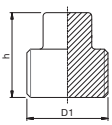


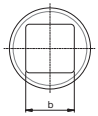


Propper, 4-kt. 10 bar

INOX nr. 3105 m/ konisk gevind

D1	D2	b	h	
1/8"	-	7,0	11,0	●
1/4"	-	9,0	15,3	●
3/8"	-	10,0	16,4	●
1/2"	14,3	13,0	20,6	●
3/4"	21,0	18,0	22,1	●
1"	25,7	19,0	28,2	●
1 1/4"	33,3	23,0	29,0	●
1 1/2"	39,3	26,0	29,9	●
2"	52,0	29,0	34,5	●
2 1/2"	60,0	40,0	38,5	●
3"	75,8	44,0	45,0	●
4"	99,4	59,0	52,0	●

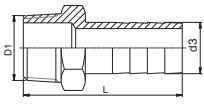


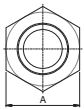


Propper, 4-kt. massiv 40-100 bar

INOX nr. 3106 m/ konisk gevind

D1	b	h	EN 1.4404
1/8"	7,0	16,0	●
1/4"	9,0	18,0	●
3/8"	10,0	20,0	●
1/2"	11,0	22,0	●
3/4"	16,0	27,0	●
1"	19,0	32,0	●
1 1/4"	22,0	36,0	●
1 1/2"	22,0	37,0	●
2"	27,0	43,0	●
2 1/2"	32,0	46,0	○
3"	36,0	50,0	○

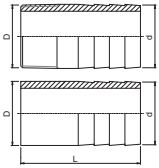




Slangestudse 10 bar

INOX nr. 3100

D1 x d3 (mm)	A	L	AISI 316
1/8" x 7,0	13,0	45,0	●
1/4" x 9,0	16,0	46,5	●
1/4" x 11,0	16,0	46,5	●
3/8" x 11,0	19,0	51,5	●
1/2" x 13,0	25,0	62,5	●
1/2" x 14,5	25,0	62,5	●
1/2" x 19,0	25,0	62,5	●
3/4" x 16,0	31,0	72,5	●
3/4" x 20,5	31,0	72,5	●
1" x 25,0	38,0	82,0	●
1" x 26,5	38,0	82,0	●
1 1/4" x 34,0	46,0	80,0	●
1 1/2" x 40,5	52,0	92,5	●
2" x 51,0	65,0	109,5	●
2" x 52,5	65,0	109,5	●
2 1/2" x 64,0	80,0	136,0	●
3" x 78,0	95,0	147,0	●



Slangestudse 20 bar

INOX nr. 3115 - glatte m/ gevindende

INOX nr. 3120 - glatte m/ svejseende

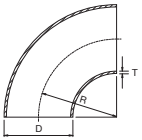
D	d	L	AISI 316
1/4"	13,5	70,0	●
3/8"	17,2	70,0	●
1/2"	21,3	70,0	●
3/4"	26,9	70,0	●
1"	33,7	70,0	●
1 1/4"	42,4	70,0	●
1 1/2"	48,3	100,0	●
2"	60,3	100,0	●

● = lagerdimension ○ = værkslager

02 Svejsefittings

02 Svejsefittings

02 Svejsefittings

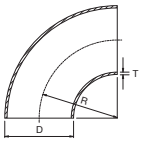


Bøjninger 90°, Type 3D EN 10253-3/4A, ISO

INOX nr.			4000	5000	5000
DN	**D x T**	**R**	**EN 1.4307**	**EN 1.4404**	**EN 1.4432**
8	13,5 x 1,6	20,5	○	●	
	2,0		○	●	
10	17,2 x 1,6	28,5	●	●	
	2,0		●	●	
15	21,3 x 1,6	31,8	●	●	
	2,0	28,0	●	● s	○
	2,0	31,8	●	●	
	2,6	31,8	●	●	
20	26,9 x 1,6	28,5	●	●	
	2,0		●	● s	○
	2,6		●	●	
25	33,7 x 1,6	38,0	●	●	
	2,0		●	● s	●
	2,6		●	●	
	3,0		●	●	
	3,2		●	●	
32	42,4 x 1,6	47,6	●	●	
	2,0		●	● s	○
	2,6		●	●	
	3,0		●	● s	
	3,2		●	●	
40	48,3 x 1,6	57,1	●	●	
	2,0		●	● s	●
	2,6		●	●	
	3,0		●	●	
	3,2		●	●	
50	60,3 x 1,6	76,2	●	●	
	2,0		●	● s	●
	2,6		●	●	
	3,0		●	●	○
	3,6		●	●	
65	76,1 x 1,6	96,0	●	●	
	2,0		●	● s	●
	2,6		●	●	
	3,0		●	●	○
	3,6		●	●	
80	88,9 x 1,6	114,3	●	●	
	2,0		●	● s	●
	2,6		●	●	
	3,0		●	●	○
	4,0		●	●	

INOX nr.			4000	5000	5000
DN	**D x T**	**R**	**EN 1.4307**	**EN 1.4404**	**EN 1.4432**
100	101,6 x 2,0	133,0	●	●	
100	114,3 x 2,0	152,5	●	●	○
	2,6		●	●	○
	3,0		●	●	○
	4,0		●	●	
125	139,7 x 2,0	190,5	●	●	○
	3,0		●	●	○
	4,0		○	○	○
150	168,3 x 2,0	228,5	●	●	○
	3,0		●	●	○
	4,0		○	○	○
200	219,1 x 2,0	305,0	●	●	○
	3,0		●	●	○
	4,0		○	○	○
250	273,0 x 2,0	381,0	●	●	○
	3,0		●	●	○
	4,0		○	○	○
300	323,9 x 3,0	457,0	●	●	○
	4,0		○	○	○
350	355,6 x 3,0	534,0	●	●	○
	4,0		○	○	○
400	406,4 x 3,0	610,0	●	●	○
	4,0		○	○	○
450	457,2 x 3,0	686,0	○	○	○
	4,0		○	○	○
500	508,0 x 3,0	762,0	●	●	○
	4,0		○	○	○
600	609,6 x 3,0	914,0	○	○	○
	4,0		○	○	○
700	711,2 x 4,0	1066,0	○	○	
	5,0		○	○	
800	812,8 x 4,0	1219,0	○	○	
	5,0		○	○	
900	914,4 x 5,0	1371,0	○	○	
1000	1016,0 x 6,0	1524,0	○	○	

● = lagerdimension ○ = værkslager
s = slebet



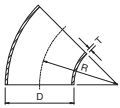
Bøjninger 90°, Type 3D EN 10253-3/4A, DIN / Metrisk

INOX nr.			4005	5005	5005
DN	**D x T**	**R**	**EN 1.4307**	**EN 1.4404**	**EN 1.4432**
	16,0 x 1,5	24,0	●	○	
	18,0 x 1,5	27,0	●	○	
15	20,0 x 1,5	30,0	●	●	
	2,0		●	●	
20	25,0 x 1,5	38,0	●	●	
	2,0		●	●	
25	28,0 x 1,5	42,0	●	●	
	2,0		●	●	
	30,0 x 1,5	45,0	●	○	
	2,0	45,0	●	●	
	2,0	33,5	●	●	○
30	32,0 x 2,0	48,0	○	○	
32	35,0 x 2,0	45,0	●	○	○
	2,0	52,5	●	○	
	38,0 x 1,5	57,0	●	●	
	2,0	45,0	○	●	○
	2,0	57,0	●	●	
	40,0 x 2,0	60,0	●	●	
	43,0 x 1,5	64,5	●	○	
40	44,5 x 2,0	51,0	●	●	○
		66,0	●	●	
	50,8 x 2,0	75,0	●	●	
50	54,0 x 2,0	68,5	●	●	○
	57,0 x 2,0	77,0	●	○	
	63,5 x 2,0	94,5	○	●	
65	70,0 x 2,0	92,0	●	●	

INOX nr.			4005	5005	5005
DN	**D x T**	**R**	**EN 1.4307**	**EN 1.4404**	**EN 1.4432**
80	84,0 x 2,0	126,0	●	●	●
	86,0 x 3,0	126,0	○	○	○
100	104,0 x 2,0	150,0	●	●	●
	106,0 x 3,0	150,0	○	●	○
	108,0 x 2,0	142,5	●	○	
125	129,0 x 2,0	187,5	●	●	●
	131,0 x 3,0	187,5	○	○	○
150	154,0 x 2,0	225,0	●	●	●
	156,0 x 3,0	225,0	●	●	○
200	204,0 x 2,0	300,0	●	●	●
	206,0 x 3,0	300,0	●	●	●
250	254,0 x 2,0	375,0	●	●	○
	256,0 x 3,0	375,0	●	●	○
300	304,0 x 2,0	450,0	●	●	○
	306,0 x 3,0	450,0	●	●	○
350	356,0 x 3,0	525,0	●	●	○
400	406,0 x 3,0	600,0	●	●	○
	408,0 x 4,0	600,0	○	○	○
450	456,0 x 3,0	675,0	○	○	○
	458,0 x 4,0	675,0	○	○	○
500	506,0 x 3,0	750,0	●	●	○
	508,0 x 4,0	750,0	○	○	○
600	606,0 x 3,0	900,0	○	○	○
	608,0 x 4,0	900,0	○	○	○
700	708,0 x 4,0	1050,0	○	○	○
800	808,0 x 4,0	1200,0	○	○	○

Bøjninger i Type 2D (kort radius) og andre kvaliteter kan leveres fra værkslager.
Bøjninger efter EN10253-4B kan leveres fra produktion

● = lagerdimension ○ = værkslager

Bøjninger 45°, Type 3D

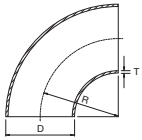
EN 10253-3/4A, ISO

INOX nr.			4000-45	5000-45
DN	**D x T**	**R**	**EN 1.4307**	**EN 1.4404**
15	21,3 x 2,0	31,8	○	●
20	26,9 x 2,0	28,5	○	●
25	33,7 x 2,0	38,0	○	●
32	42,4 x 2,0	47,6	○	●
40	48,3 x 2,0	57,1	○	●
50	60,3 x 2,0	76,2	○	●
65	76,1 x 2,0	96,0	○	●
80	88,9 x 2,0	114,3	○	●
100	114,3 x 2,0	152,5	○	●
125	139,7 x 2,0	190,5	○	●
150	168,3 x 2,0	228,5	○	●
200	219,1 x 2,0	305,0	○	●

Bøjninger 90°, Type 5D (lang radius) EN 10253-3/4A, ISO

INOX nr.			4000-5D	5000-5D
DN	**D x T**	**R**	**EN 1.4307**	**EN 1.4404**
15	21,3 x 2,0	45,0	○	●
20	26,9 x 2,0	57,0	○	●
25	33,7 x 2,0	72,0	○	●
32	42,4 x 2,0	93,0	○	●
40	48,3 x 2,0	108,0	○	●
50	60,3 x 2,0	135,0	○	●
65	76,1 x 2,0	175,0	○	●
80	88,9 x 2,0	205,0	○	●
100	114,3 x 2,0	270,0	○	●
125	139,7 x 2,0	330,0	○	●
150	168,3 x 2,0	390,0	○	●
200	219,1 x 2,0	510,0	○	●

● = lagerdimension ○ = værkslager

Bøjninger 90°, Type D+100

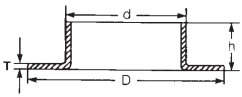
EN 10253-3/4A, DIN / Metrisk

INOX nr.			4006	5006	5006
DN	**D x T**	**R**	**EN 1.4307**	**EN 1.4404**	**EN 1.4432**
250	254,0 x 2,0	350,0	●	●	●
	256,0 x 3,0	350,0	●	●	●
300	304,0 x 2,0	400,0	●	●	●
	306,0 x 3,0	400,0	●	●	●
350	356,0 x 3,0	450,0	●	●	●
400	406,0 x 3,0	500,0	●	●	●
	408,0 x 4,0	500,0	○	○	○
450	456,0 x 3,0	550,0	○	●	●
	458,0 x 4,0	550,0	○	○	○
500	506,0 x 3,0	600,0	●	●	●
	508,0 x 4,0	600,0	○	○	○
600	606,0 x 3,0	700,0	●	●	●
	608,0 x 4,0	700,0	○	○	○
700	708,0 x 4,0	800,0	○	○	○
800	808,0 x 4,0	900,0	○	○	○

Bøjninger 90°, Type 5D (lang radius)

EN 10253-3/4A, DIN / Metrisk

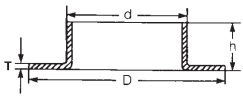
INOX nr.			4005-5D	5005-5D
DN	**D x T**	**R**	**EN 1.4307**	**EN 1.4404**
80	84,0 x 2,0	160,0 mm	○	●
100	104,0 x 2,0	200,0 mm	○	●
125	129,0 x 2,0	250,0 mm	○	●
150	154,0 x 2,0	375,0 mm	○	●
200	204,0 x 2,0	500,0 mm	○	●



Svejsekraver, kort PN10

EN 1092-1 Type 33, ISO

INOX nr.					4010	5010
DN	**d**	**T**	**D**	**h**	**EN 1.4307**	**EN 1.4404**
15	21,3	2	45	6	○	●
		3		8	○	●
20	26,9	2	58	8	○	●
		3		8	○	●
25	33,7	2	68	9	●	●
		3		10	○	●
32	42,4	2	78	10	●	●
		3		10	○	●
40	48,3	2	88	10	●	●
		3		10	○	●
50	60,3	2	102	12	●	●
		3		12	●	●
65	76,1	2	122	12	●	●
		3		12	●	●
80	88,9	2	138	13	●	●
		3		13	●	●
100	114,3	2	158	14	●	●
		3		14	●	●
125	139,7	2	188	15	●	●
		3		15	●	●
150	168,3	2	212	18	●	●
		3		18	●	●
200	219,1	2	268	22	●	●
		3		22	●	●
250	273,0	2	320	23	●	●
		3		23	●	●
300	323,9	3	370	19	●	●
350	355,6	3	430	30	○	○
400	406,4	3	480	30	○	○
		4		30	○	○
450	457,2	3	530	30	○	○
		4		30	○	○
500	508,0	3	580	30/50	○	○
		4		30/50	○	○
600	609,6	3	680	30/50	○	○
		4		30/50	○	○
700	711,2	4	800	50	○	○
		5		50	○	○
800	812,8	4	905	60	○	○
		5		60	○	○
900	914,4	5	1005	60	○	○
1000	1016,0	6	1110	60	○	○

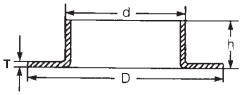


Svejsekraver, lang PN16

EN 1092-1 Type 33, ISO

INOX nr.					4010	4015	4015
DN	**d**	**T**	**D**	**h**	**EN 1.4307**	**EN 1.4404**	**EN 1.4432**
15	21,3	3	45	8	○	● 37	○
20	26,9	3	58	8	○	● 37	○
25	33,7	3	68	10	○	● 37	●
32	42,4	3	78	10	○	● 37	○
40	48,3	3	88	15	○	●	●
50	60,3	3	102	18	○	●	●
65	76,1	3	122	18	○	●	●
80	88,9	3	138	22	○	●	●
100	114,3	3	158	22	○	●	○
125	139,7	3	188	22	○	●	○
150	168,3	3	212	25	○	●	○
200	219,1	3	268	25	○	●	○
250	273,0	3	320	26	○	●	○
300	323,9	3	370	26	○	●	○

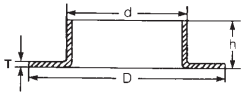
● = lagerdimension
○ = værkslager / skaffevare
37 = Type 37



Svejsekraver, kort PN10

EN 1092-1 Type 33, DIN / Metrisk

INOX nr.					4015	5015
DN	**d**	**T**	**D**	**h**	**EN 1.4307**	**EN 1.4404**
32	38,0	2	78	10	○	●
40	44,0	2	88	10	○	●
	46,0	3	88	10	○	○
50	54,0	2	102	12	●	●
	56,0	3	102	12	○	●
65	70,0	2	122	12	●	●
	71,0	3	122	12	○	●
80	84,0	2	138	13	●	●
	86,0	3	138	13	○	●
100	104,0	2	158	16	●	●
	106,0	3	158	16	●	●
125	129,0	2	188	14	●	●
	131,0	3	188	14	●	●
150	154,0	2	212	18	●	●
	156,0	3	212	18	●	●
200	204,0	2	268	21	●	●
	206,0	3	268	21	●	●
250	254,0	2	320	23	●	●
	256,0	3	320	23	●	●
300	304,0	2	370	19	●	●
	306,0	3	370	19	●	●
350	356,0	3	430	23	●	●
400	406,0	3	480	21	●	●
	408,0	4	480	30	○	○
450	456,0	3	530	25	○	●
	458,0	4	530	30	○	○
500	506,0	3	580	26	●	●
	508,0	4	580	30 / 50	○	○
600	606,0	3	680	30	○	●
	608,0	4	680	30 / 50	○	○
700	708,0	4	800	50	○	○
800	808,0	4	880	60	○	○

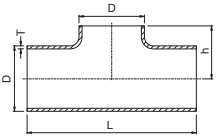


Svejsekraver, lang PN16

EN 1092-1 Type 33, DIN / Metrisk

INOX nr.					4010	5015	5015
DN	**d**	**D**	**T**	**h**	**EN 1.4307**	**EN 1.4404**	**EN 1.4432**
40	46,0	88	3	16	○	○	○
50	56,0	102	3	16	○	●	●
65	71,0	122	3	19	○	○	○
80	86,0	138	3	20	○	●	●
100	106,0	158	3	22	○	●	●
125	131,0	188	3	25	○	●	●
150	156,0	212	3	25	○	●	●
200	206,0	268	3	25	○	●	●
250	256,0	320	3	26	○	●	●
300	306,0	370	3	26	○	●	●
350	356,0	430	3	26	○	●	●
400	406,0	480	3	30	○	●	●
450	456,0	530	3	30	○	●	●
500	506,0	580	3	30	○	●	●
600	606,0	680	3	30	○	●	●

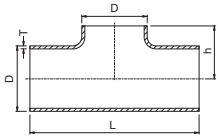
● = lagerdimension ○ = værkslager / skaffevare



Opkravede T-rør

EN 10253-3/4A, ISO

INOX nr.					4030	5030
DN	**D**	**T**	**h**	**L**	**EN 1.4307**	**EN 1.4404**
10	17,2	1,6	12	51	○	●
15	21,3	2,0	18	50	●	●
20	26,9	2,0	22	58	●	●
		2,5	22	58	○	●
		2,6	22	58	○	●
25	33,7	2,0	26	76	●	●
		3,0	26	76	○	●
		3,2	26	76	○	●
32	42,4	2,0	33	95	●	●
		3,0	33	95	○	●
		3,2	33	95	○	●
40	48,3	2,0	37	114	●	●
		3,0	37	114	○	●
		3,2	37	114	○	●
50	60,3	2,0	44	127	●	●
		3,0	44	127	○	●
65	76,1	2,0	53	152	●	●
		3,0	53	152	○	●
80	88,9	2,0	60	171	●	●
		3,0	60	171	○	●
100	114,3	2,0	77	210	●	●
		3,0	77	210	●	●
125	139,7	2,0	81	248	●	●
		3,0	81	248	●	●
150	168,3	2,0	96	286	●	●
		3,0	96	286	●	●
200	219,1	2,0	120	356	●	●
		3,0	120	356	●	●
250	273,0	3,0	148	432	●	●
300	323,9	3,0	177	600	●	●

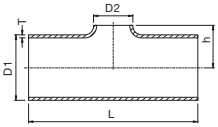


Opkravede T-rør

EN 10253-3/4A, DIN / Metrisk

INOX nr.					4035	5035
DN	**D**	**T**	**h**	**L**	**EN 1.4307**	**EN 1.4404**
20	25,0	2,0	20	51	○	●
25	30,0	2,0	24	76	○	●
32	38,0	2,0	29	95	○	●
40	44,5	2,0	34	95	○	●
50	54,0	2,0	41	114	○	●
65	70,0	2,0	50	140	○	●
80	84,0	2,0	58	171	○	●
100	104,0	2,0	70	210	●	●
125	129,0	2,0	74	248	●	●
150	154,0	2,0	88	286	●	●
	156,0	3,0	84	286	○	●
200	204,0	2,0	114	356	●	●
	206,0	3,0	110	356	○	●
250	254,0	2,0	140	432	●	●
	256,0	3,0	140	432	○	●
300	306,0	3,0	168	600	●	●
350	356,0	3,0	195	700	●	●
400	406,0	3,0	220	800	●	●

● = lagerdimension ○ = værkslager / skaffevare



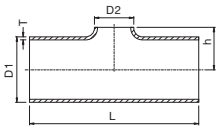
Reducerede T-rør EN 10253-3/4A, ISO

INOX nr. 5030R

DN1	DN2	D1	D2	T	h	L	EN 1.4404
20	15	26,9	21,3	2	15	57	●
25	15	33,7	21,3	2	19	76	●
	20		26,9	2	19	76	●
32	15	42,4	21,3	2	23	95	●
	20		26,9	2	23	95	●
	25		33,7	2	23	95	●
40	15	48,3	21,3	2	26	114	●
	20		26,9	2	26	114	●
	25		33,7	2	26	114	●
	32		42,4	2	26	114	●
50	15	60,3	21,3	2	33	127	●
	20		26,9	2	33	127	●
	25		33,7	2	33	127	●
	32		42,4	2	33	127	●
	40		48,3	2	33	127	●
65	15	76,1	21,3	2	41	152	●
	20		26,9	2	41	152	●
	25		33,7	2	41	152	●
	32		42,4	2	41	152	●
	40		48,3	2	41	152	●
	50		60,3	2	41	152	●
80	15	88,9	21,3	2	48	171	●
	20		26,9	2	48	171	●
	25		33,7	2	48	171	●
	32		42,4	2	48	171	●
	40		48,3	2	48	171	●
	50		60,3	2	48	171	●
	65		76,1	2	48	171	●
100	40	114,3	48,3	2	61	210	●
	50		60,3	2	61	210	●
	65		76,1	2	61	210	●
	80		88,9	2	61	210	●
125	50	139,7	60,3	2	76	248	●
	65		76,1	2	76	248	●
	80		88,9	2	76	248	●
	100		114,3	2	76	248	●
150	50	168,3	60,3	2	92	286	●
	65		76,1	2	92	286	●
	80		88,9	2	92	286	●
	100		114,3	2	92	286	●
	125		139,7	2	92	286	●

INOX nr. 5030R

DN1	DN2	D1	D2	T	h	L	EN 1.4404
200	100	219,1	114,3	2	118	356	●
	125		139,7	2	118	356	●
	150		168,3	2	118	356	●
250	150	273,0	168,3	3	148	432	●
	200		219,1	3	148	432	●
300	150	323,9	168,3	3	178	508	●
	200		219,1	3	178	508	●
	250		273,0	3	178	508	●



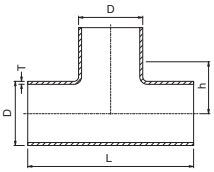
Reducerede T-rør

EN 10253-3/4A, DIN / Metrisk

INOX nr. 5035R

DN1	DN2	D1	D2	T	h	L	EN 1.4404
80	50	84,0	54,0	2	45	171	●
100	50	104,0	54,0	2	55	210	●
	80		84,0	2	55	210	●
125	80	129,0	84,0	2	69	258	●
	100		104,0	2	69	258	●
150	100	154,0	104,0	2	84	286	●
	125		129,0	2	84	286	●
200	100	204,0	104,0	2	110	356	●
	125		129,0	2	110	356	●
	150		154,0	2	110	356	●
250	100	254,0	104,0	2	140	432	●
	125		129,0	2	140	432	●
	150		154,0	2	140	432	●
	200		204,0	2	140	432	●

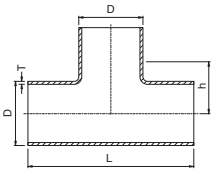
● = lagerdimension ○ = værkslager / skaffevare



Lige T-rør m/ gren

EN 10253-3/4A, ISO

INOX nr.					4030V	5030V
DN	**D**	**T**	**h**	**L**	**EN 1.4307**	**EN 1.4404**
300	323,3	3,0	254	508	●	●
		4,0	254	508	○	○
350	355,6	3,0	279	558	○	○
		4,0	279	558	○	○
400	406,4	3,0	305	610	○	○
		4,0	305	610	○	○
450	457,2	3,0	343	686	○	○
		4,0	343	686	○	○
500	508,0	3,0	381	762	○	○
		4,0	381	762	○	○
600	606,9	3,0	432	864	○	○
		4,0	432	864	○	○
700	711,2	4,0	521	1042	○	○
		5,0	521	1042	○	○
800	812,8	4,0	597	1194	○	○
		5,0	597	1194	○	○
900	914,4	5,0	673	1346	○	○
1000	1016,0	6,0	749	1498	○	○

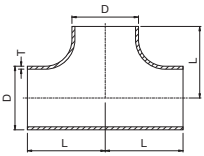


Lige T-rør m/ gren

EN 10253-3/4A, DIN / Metrisk

INOX nr.					4035V	5035V
DN	**D**	**T**	**h**	**L**	**EN 1.4307**	**EN 1.4404**
400	406,0	3	305	610	○	○
	408,0	4	305	610	○	○
450	456,0	3	343	686	○	○
	458,0	4	343	686	○	○
500	506,0	3	381	762	○	○
	508,0	4	381	762	○	○
600	606,0	3	432	864	○	○
	608,0	4	432	864	○	○
700	708,0	4	700	1400	○	○
800	808,0	4	800	1600	○	○

● = lagerdimension ○ = værkslager / skaffevare

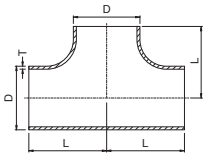


Pressede T-rør

EN 10253-3/4A, ISO

INOX nr. 5031

DN	D	T	L	EN 1.4404 1.4432
10	17,2	2,0	25	●
15	21,3	2,0	25	●
20	26,9	2,0	29	●
25	33,7	2,0	38	●
32	42,4	2,0	48	●
40	48,3	2,0	57	●
50	60,3	2,0	64	●
65	76,1	2,0	76	●
80	88,9	2,0	86	●
100	114,3	2,0	105	●
125	139,7	2,6	124	●
150	168,3	3,0	143	●
200	219,1	3,0	178	●
250	273,0	3,0	216	●
300	323,9	3,0	254	○
350	355,6	3,0	279	○
400	406,4	3,0	305	○
450	457,2	4,0	343	○
500	508,0	4,0	381	○
600	609,6	5,0	432	○



Pressede T-rør

EN 10253-3/4A, DIN / Metrisk

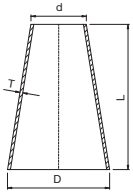
INOX nr. 5036

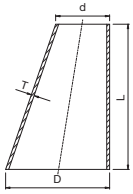
DN	D	T	L	EN 1.4404 1.4432
15	20,0	2,0	25	○
20	25,0	2,0	30	○
25	30,0	2,0	35	○
32	38,0	2,0	43	○
40	44,5	2,0	50	○
50	54,0	2,0	61	○
65	70,0	2,0	73	○
80	84,0	2,0	80	●
100	104,0	2,0	90	●
125	129,0	2,0	115	●
150	154,0	2,0	135	●
200	206,0	3,0	175	●
250	256,0	3,0	216	●
300	306,0	3,0	254	●
350	356,0	3,0	279	○
400	406,0	3,0	305	○
	408,0	4,0	305	○
450	456,0	3,0	343	○
	458,0	4,0	343	○
500	506,0	3,0	381	○
	508,0	3,0	381	○
600	606,0	3,0	432	○
	608,0	4,0	432	○

● = lagerdimension ○ = værkslager / skaffevare

Konusser

EN 10253-3, ISO





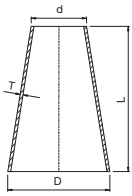
					INOX nr.	5040 koncentrisk DIN2616		5041 koncentrisk L=D-dx3		5042 excentrisk L=D-dx3	
DN	**DN1**	**D**	**d**	**T**		**L**	**EN 1.4404**	**L**	**EN 1.4404**	**L**	**EN 1.4404**
10	8	17,2	13,5	2,0				11	●	11	○
15	10	21,3	17,2	2,0				12	●	12	○
20	10	26,9	17,2	2,0				29	●	29	○
	15		21,3	2,0		38	●	17	●	17	○
25	10	33,7	17,2	2,0				49	●	49	○
	15		21,3	2,0		51	●	37	●	37	●
	20		26,9	2,0		51	●	20	●	20	●
32	15	42,4	21,3	2,0		51	●	63	●	63	○
	20		26,9	2,0		51	●	46	●	46	●
	25		33,7	2,0		51	●	26	●	26	●
40	15	48,3	21,3	2,0		64	●	81	●	81	●
	20		26,9	2,0		64	●	64	●	64	●
	25		33,7	2,0		64	●	44	●	44	●
	32		42,4	2,0		64	●	18	●	18	●
50	15	60,3	21,3	2,0				117	●	117	○
	20		26,9	2,0				100	●	100	●
	25		33,7	2,0		76	●	80	●	80	●
	32		42,4	2,0		76	●	54	●	54	●
	40		48,3	2,0		76	●	36	●	36	●
65	25	76,1	33,7	2,0				127	●	127	○
	32		42,4	2,0				101	●	101	●
	40		48,3	2,0		89	●	83	●	83	●
			48,3	3,0				83	●	83	○
	50		60,3	2,0		89	●	47	●	47	●
				3,0				47	●	47	○
80	25	88,9	33,7	2,0				166	●	166	○
	32		42,4	2,0				139	●	139	○
	40		48,3	2,0				122	●	122	●
	50		60,3	2,0		89	●	86	●	86	●
				3,0				86	●	86	○
	65		76,1	2,0		89	●	38	●	38	●
				3,0				38	●	38	○
100	40	114,3	48,3	2,0				197	●	197	○
	50		60,3	2,0				162	●	162	●
	65		76,1	2,0		102	○	115	●	115	●
				3,0		102	○	115	●	115	○
	80		88,9	2,0		102	○	76	●	76	●
				3,0		102	○	76	●	76	●
125	50	139,7	60,3	2,0				237	●	237	○
	65		76,1	2,0				189	●	189	○
				3,0				189	●	189	○
	80		88,9	2,0		127	○	152	●	152	●
				3,0		127	○	152	●	152	●
	100		114,3	2,0		127	○	76	●	76	●
				3,0		127	○	76	●	76	●

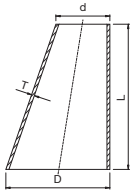
● = lagerdimension ○ = værkslager / skaffevare

Fortsættes side 11

Konusser

EN 10253-3, ISO



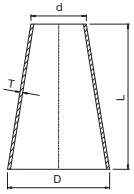


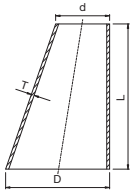
				INOX nr.	5040 koncentrisk DIN2616		5041 koncentrisk L=D-dx3		5042 excentrisk L=D-dx3	
DN	**DN1**	**D**	**d**	**T**	**L**	**EN 1.4404**	**L**	**EN 1.4404**	**L**	**EN 1.4404**
150	65	168,3	76,1	2,0			277	●	277	○
	80		88,9	2,0	140	○	238	●	238	○
				3,0	140	○	238	●	238	○
	100		114,3	2,0	140	○	162	●	162	●
				3,0	140	○	162	●	162	●
	125		139,7	2,0	140	○	86	●	86	●
				3,0	140	○	86	●	86	●
200	100	219,1	114,3	2,0	152	○	314	●	314	○
				3,0	152	○	314	●	314	○
	125		139,7	2,0	152	○	238	●	238	●
				3,0	152	○	238	●	238	●
	150		168,3	2,0	152	○	152	●	152	●
				3,0	152	○	152	●	152	●
250	125	273,0	139,7	2,0			398	●	398	○
				3,0			398	●	398	○
	150		186,3	2,0	178	○	314	●	314	●
				3,0	178	○	314	●	314	●
	200		219,1	2,0	178	○	162	●	162	●
				3,0	178	○	162	●	162	●
300	200	323,9	219,1	3,0	203	○	314	●	314	●
	250		273,0	3,0	203	○	153	●	153	●
350	250	355,6	273,0	3,0	203	○	247	●	147	○
	300		323,9	3,0	330	○	95	●	95	○
400	250	406,4	273,0	3,0	356	○	399	○	399	○
	300		323,9	3,0	356	○	248	●	248	○
	350		355,6	3,0	356	○	304	○	304	○
450	300	457,2	323,9	3,0			398	○	398	○
	350		355,6	3,0			304	○	304	○
	400		406,4	3,0			152	○	152	○
500	300	508,0	323,9	3,0			550	○	550	○
	350		355,6	3,0			455	○	455	○
	400		406,4	3,0			304	○	304	○
	450		457,2	3,0			152	○	152	○
600	400	609,6	406,4	3,0			607	○	607	○
	450		457,2	3,0			455	○	455	○
	500		508,0	3,0			304	○	304	○
700	400	711,2	406,4	4,0			911	○	911	○
	500		508,0	4,0			607	○	607	○
	600		609,6	4,0			304	○	304	○
800	500	812,8	508,0	4,0			911	○	911	○
	600		609,6	4,0			607	○	607	○
	700		711,2	4,0			304	○	304	○
900	600	914,4	609,6	5,0			911	○	911	○
	700		711,2	5,0			607	○	607	○
	800		812,8	5,0			304	○	304	○
1000	700	1016,0	711,2	5,0			911	○	911	○
	800		812,8	5,0			607	○	607	○
	900		914,4	5,0			304	○	304	○

● = lagerdimension ○ = værkslager / skaffevare

Konusser

EN 10253-3, DIN / Metrisk





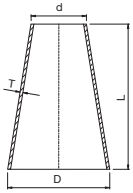
					INOX nr. 5046 koncentrisk L=D-dx3		5047 excentrisk L=D-dx3	
DN	**DN1**	**D**	**d**	**T**	**L**	**EN 1.4404 1.4432**	**L**	**EN 1.4404 1.4432**
40	25	44	29	2,0	45	●	45	○
	32		36	2,0	24	●	24	○
50	25	54	29	2,0	75	●	75	○
	32		36	2,0	54	●	54	○
	40		44	2,0	30	●	30	●
65	40	69	44	2,0	75	●	75	○
	50		54	2,0	45	●	45	●
80	40	84	44	2,0	120	●	120	○
	50		54	2,0	90	●	90	●
	65		69	2,0	45	●	45	●
100	50	104	54	2,0	150	●	150	●
	65		70	2,0	105	●	105	●
	80		84	2,0	60	●	60	●
125	50	129	54	2,0	225	●	225	○
	65		69	2,0	179	●	179	○
	80		84	2,0	135	●	135	●
	100		104	2,0	75	●	75	●
150	80	154	84	2,0	210	●	210	●
	100		104	2,0	150	●	150	●
		156	106	3,0	150	●	150	●
	125	154	129	2,0	75	●	75	●
200	100	204	104	2,0	300	●	300	●
		206	106	3,0	300	●	300	○
	125	204	129	2,0	225	●	225	●
	150	204	154	2,0	150	●	150	●
		206	156	3,0	150	●	150	●
250	100	254	104	2,0	448	●	448	●
	125		129	2,0	375	●	375	●
	150		154	2,0	300	●	300	●
		256	156	3,0	300	●	300	○
	200	254	204	2,0	150	●	150	●
		256	206	3,0	150	●	150	●
300	200	304	204	2,0	300	●	300	●
		306	206	3,0	300	●	300	●
	250	304	254	2,0	150	●	150	●
		306	256	3,0	150	●	150	●
350	250	356	256	3,0	300	●	300	○
	300		306	3,0	150	●	150	●
400	300	406	306	3,0	300	●	300	●
	350		356	3,0	150	●	150	●
450	400	456	406	3,0	150	●	150	○
500	400	506	406	3,0	300	●	300	●
		508	408	4,0	300	○	300	○
	450	506	456	3,0	150	●	150	○
		508	458	4,0	150	○	150	○

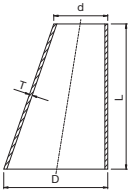
● = lagerdimension ○ = værkslager / skaffevare

Fortsættes side 13

Konusser

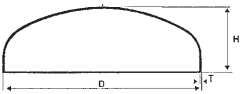
EN 10253-3, DIN / Metrisk





					INOX nr. 5046 koncentrisk L=D-dx3		5047 excentrisk L=D-dx3	
DN	**DN1**	**D**	**d**	**T**	**L**	**EN 1.4404 1.4432**	**L**	**EN 1.4404 1.4432**
600	400	606	406	3,0	600	●	600	○
		608	408	4,0	600	○	600	○
	450	606	456	3,0	450	●	450	○
		608	458	4,0	450	○	450	○
	500	606	506	3,0	300	●	300	○
		608	508	4,0	300	○	300	○
700	400	708	408	4,0	900	○	900	○
	500		508	4,0	600	○	600	○
	600		608	4,0	300	○	300	○
800	500	808	508	4,0	900	○	900	○
	600		608	4,0	600	○	600	○
	700		708	4,0	300	○	300	○

● = lagerdimension ○ = værkslager / skaffevare



Endebunde DIN 28011 Klöpperform

ISO

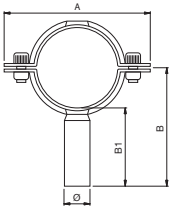
INOX nr.			4050	5050
DN	**D x T**	**H**	**EN 1.4307**	**EN 1.4404**
10	17,2 x 2,0	13	○	●
15	21,3 x 2,0	13	○	●
20	26,9 x 2,0	16	●	●
25	33,7 x 2,0	13	●	●
	33,7 x 3,0	13	○	●
32	42,4 x 2,0	17	●	●
40	48,3 x 2,0	20	●	●
	48,3 x 3,0	20	○	●
50	60,3 x 2,0	20	●	●
	3,0	20	○	●
65	76,1 x 2,0	26	●	●
	3,0	26	○	●
80	88,9 x 2,0	29	●	●
	3,0	31	○	●
100	114,3 x 2,0	28	●	●
	3,0	31	●	●
125	139,7 x 2,0	35	●	●
	3,0	36	●	●
150	168,3 x 2,0	49	●	●
	3,0	49	●	●
200	219,1 x 2,0	54	●	●
	3,0	54	●	●
250	273,0 x 2,0	65	●	●
	3,0	68	●	●
300	323,9 x 3,0	83	●	●
350	355,6 x 3,0	85	○	○
	355,6 x 4,0	85	○	○
400	406,4 x 3,0	100	○	○
	406,4 x 4,0	100	○	○
450	457,2 x 3,0	110	○	○
	457,2 x 4,0	110	○	○
500	508,0 x 3,0	120	○	○
	508,0 x 4,0	120	○	○
600	609,6 x 3,0	140	○	○
	609,6 x 4,0	140	○	○
700	711,2 x 4,0	152	○	○
	711,2 x 5,0	152	○	○

DIN / Metrisk

INOX nr.			4055	5055
DN	**D x T**	**H**	**EN 1.4307**	**EN 1.4404**
20	25,0 x 2,0	12	○	●
25	30,0 x 2,0	13	○	●
32	38,0 x 2,0	19	○	●
40	44,5 x 2,0	15	○	●
	51,0 x 2,0	18	○	●
50	54,0 x 2,0	17	○	●
60	64,0 x 2,0	17	○	●
65	70,0 x 2,0	20	○	●
80	84,0 x 2,0	22	○	●
100	104,0 x 2,0	30	●	●
125	129,0 x 2,0	34	●	●
150	154,0 x 2,0	40	●	●
	156,0 x 3,0	40	○	●
200	204,0 x 2,0	47	●	●
	206,0 x 3,0	47	○	●
250	254,0 x 2,0	55	●	●
	256,0 x 3,0	66	●	●
300	304,0 x 2,0	66	●	●
	306,0 x 3,0	75	●	●
350	356,0 x 3,0	89	●	●
400	406,0 x 3,0	98	●	●
450	456,0 x 3,0	108	○	●
500	506,0 x 3,0	120	○	●
600	606,0 x 3,0	140	○	●
700	706,0 x 3,0	152	○	○

● = lagerdimension ○ = værkslager / skaffevare

Rørholdere, stram EN 1.4301, ISO / DIN / Metrisk



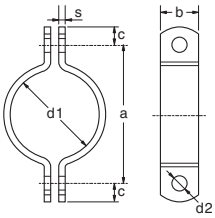
uden skaft
INOX nr. 8800

m/ kort skaft
INOX nr. 4060 / 4065

m/ lang skaft
INOX nr. 8700

Rør dim. mm	A	Ø	B	B	B1	EN 1.4301	B	B1	EN 1.4301
8,0 - 9,0	60	8	●		50	●		150	●
10,0-11,0	60	8	●		50	●		150	●
12,0-13,5	62	8	●		50	●		150	●
15,0-16,0	65	8	●		50	●		150	●
17,0-18,0	68	8	●		50	●		150	●
19,0	68	8	●		50	●		150	●
21,3-23,0	72	8	●	90		●	150		●
25,0	78	21	●	90		●	150		●
26,9-29,0	80	21	●	90		●	150		●
30,0	80	21	●	90		●	150		○
32,0	85	21	●	90		●	150		●
33,7-34,0	87	21	●	90		●	150		●
35,0	88	21	●	90		●	150		●
38,0	91	21	●	90		●	150		●
40,0-41,0	94	21	●	90		●	150		●
42,4	96	21	●	90		●	150		●
48,3	101	21	●	90		●	150		●
51,0	104	21	●	90		●	150		●
52,0-53,0	107	21	●	90		●	150		●
54,0	107	21	●	90		●	150		○
60,3	113	21	●	90		●	150		●
63,5	116	21	●	90		●	150		●
70,0	123	21	●	90		●	150		●
76,1	129	21	●	90		●	150		●
84,0-85,0	137	21	●	90		●	150		●
88,9	143	21	●	90		●	150		●
101,6	155	21	●	90		●	150		●
104,0	157	21	●		40	●	150		●
114,3	167	21	●		40	●	150		●
129,0	182	21	●		40	●	150		○
139,7	193	21	●		40	●	150		○
154,0	207	21	●		40	●	150		○
168,3	221	21	●		40	●	150		○
204,0	257	21	●		40	●	150		○
219,1	272	21	●		40	●	150		○
254,0	307	21	●		40	●	150		○
304,0-306,0	359	21	●		40	●	150		○

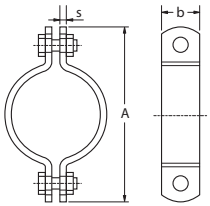
● = lagerdimension ○ = værkslager / skaffevare



Rørholder af fladstål, Type SL u/ bolte og møtrikker

INOX nr.						4070	5070
DN	**d1**	**a**	**c**	**d2**	**Fladstål (b x s)**	**EN 1.4301**	**EN 1.4571**
15 / 21,3	22	51	15	11,5	30 x 4	●	●
20 / 26,9	27	57	15	11,5	30 x 4	●	●
25 / 33,7	34	64	15	11,5	30 x 4	●	●
32 / 42,4	43	73	15	11,5	30 x 4	●	●
40 / 48,3	49	79	15	11,5	30 x 4	●	●
50 / 54,0	53	83	15	11,5	30 x 4	●	●
50 / 60,3	61	91	15	11,5	30 x 4	●	●
65 / 70,0	68	98	15	11,5	30 x 4	●	●
65 / 76,1	77	107	15	11,5	30 x 4	●	●
80 / 84,0	83	113	15	11,5	30 x 4	●	●
80 / 88,9	89	119	15	11,5	30 x 4	●	●
100 / 104,0	104	150	18	14	40 x 5	●	●
100 / 114,3	115	161	18	14	40 x 5	●	●
125 / 129,0	129	175	18	14	40 x 5	●	●
125 / 139,7	140	186	18	14	40 x 5	●	●
150 / 154,0	154	200	18	14	40 x 5	●	●
150 / 168,3	169	215	18	14	40 x 5	●	●
200 / 204,0	204	250	18	14	40 x 5	●	●
200 / 219,1	220	266	18	14	40 x 5	●	●
250 / 254,0	254	320	24	18	50 x 5	●	●
250 / 273,0	273	339	24	18	50 x 5	●	●
300 / 304,0	305	371	24	18	50 x 5	●	●
300 / 323,9	324	390	24	18	50 x 5	●	●
350 / 356,0	356	422	24	18	50 x 5	●	●
400 / 406-408	407	472	24	18	50 x 5	●	●
450 / 456-458	457	522	24	18	50 x 5	○	●
500 / 506-508	508	573	24	18	50 x 5	●	●
600 / 608-608	608	673	24	18	50 x 5	○	●

● = lagerdimension ○ = værkslager / skaffevare



Rørholder af fladstål, Type L m/ bolte og møtrikker

INOX nr.			8850	8850-316
DN	**Fladstål (b x s)**	**A**	**EN 1.4301**	**EN 1.4404**
12,0-13,0	20 x 2,5	62	●	●
17,0-18,0	20 x 2,5	72	●	●
19	20 x 2,5	72	●	●
21,3-23,0	35 x 2,5	72	●	●
25,0-25,4	35 x 2,5	76	●	●
26,9-29,0	35 x 2,5	79	●	●
32	35 x 2,5	83	●	●
33,7-34,0	35 x 2,5	85	●	●
35	35 x 2,5	85	●	●
38,0-38,1	35 x 2,5	90	●	●
40,0-41,0	35 x 2,5	92	●	●
42,4	35 x 2,5	94	●	●
48,3	35 x 2,5	103	●	●
50,8-51,0	35 x 2,5	103	●	●
52,0-53,0	35 x 2,5	103	●	●
60,3	35 x 2,5	115	●	●
63,5	35 x 2,5	116	●	●
70	35 x 2,5	122	●	●
76,1	35 x 2,5	128	●	●
85	35 x 2,5	137	●	●
88,9	35 x 2,5	148	●	●
101,6	35 x 2,5	154	●	●
104	35 x 2,5	154	●	●
114,3	35 x 2,5	173	●	●
129	35 x 2,5	182	●	●
154	35 x 2,5	207	●	●

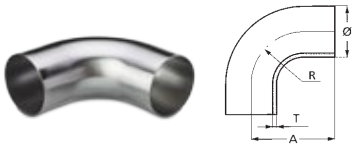
● = lagerdimension ○ = værkslager / skaffevare

03 Mejerirørsfittings

03 Mejerirørsfittings

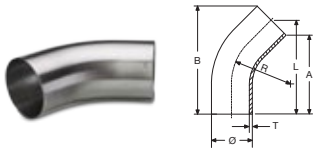
03 Mejerirørsfittings

Overflader efter EN 10357 / DIN 11850 og tolerancer efter DIN 11852



DS/SMS Bøjning 90°

INOX Nr.				8000 slebet	9000 slebet	8000M matt	9000M matt
Ø	**T**	**R**	**A**	**AISI 304L**	**AISI 316L**	**AISI 304L**	**AISI 316L**
25,0	1,2	25,0	55,0	●	●	○	○
32,0	1,2	32,0	64,0	○	●	○	○
38,0	1,2	38,0	70,0	●	●	○	○
51,0	1,2	51,0	82,0	●	●	○	○
63,5	1,6	63,5	105,0	●	●	○	○
76,1	2,0	76,0	110,0	●	●	○	○
101,6	2,0	110,0	150,0	●	●	○	○
101,6	2,0	150,0	150,0	●	●	○	○



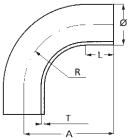
DS/SMS Bøjning 45°

INOX Nr.						8045 slebet	9045 slebet	8045M matt	9045M matt
Ø	**T**	**R**	**A**	**B**	**L**	**AISI 304L**	**AISI 316L**	**AISI 304L**	**AISI 316L**
25,0	1,2	25,0	68,1	85,8	77,0	●	●	○	○
32,0	1,2	32,0	79,7	102,3	91,0	○	●	○	○
38,0	1,2	38,0	83,5	110,4	97,0	●	●	○	○
51,0	1,2	51,0	89,9	126,0	108,0	●	●	○	○
63,5	1,6	63,5	115,6	160,5	138,0	●	●	○	○
76,1	2,0	76,0	113,2	166,9	140,0	●	●	○	○
101,6	2,0	150,0	150,0	221,9	186,0	●	●	○	○

● = lagerdimension ○ = værkslager / skaffevare

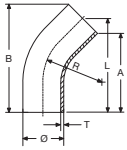
03 Mejerirørsfittings

Overflader efter EN 10357 / DIN 11850 og tolerancer efter DIN 11852



ISO Bøjning 90°, lang

INOX Nr.					8100 slebet	9100 slebet	8100M matt	9100M matt
Ø	**T**	**R**	**A**	**L**	**AISI 304L**	**AISI 316L**	**AISI 304L**	**AISI 316L**
25,0	1,2	37,5	65,0	27,5	●	●	○	○
25,4	1,6	37,5	65,0	27,5	○	○	○	○
38,0	1,2	57,0	85,0	28,0	●	●	○	○
38,1	1,6	57,0	85,0	28,0	○	○	○	○
50,8	1,6	76,5	110,0	33,5	○	○	○	○
51,0	1,2	76,5	110,0	33,5	●	●	○	○
63,5	1,6	95,3	135,0	39,7	●	●	○	○
76,1	1,6	114,0	155,0	40,8	●	●	○	○
101,6	2,0	153,0	195,0	42,5	●	●	○	○



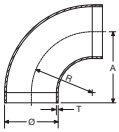
ISO Bøjning 45°

INOX Nr.						9145 slebet	9145M matt
Ø	**T**	**R**	**A**	**B**	**L**	**AISI 316L**	**AISI 316L**
25,0	1,2	37,5	42,5	60,5	51,5	●	○
25,4	1,6	37,5	42,5	60,5	51,5	○	○
38,0	1,2	57,0	45,9	84,0	70,5	●	○
38,1	1,6	57,0	45,9	84,0	70,5	○	○
50,8	1,6	76,5	82,2	118,1	100,0	○	○
51,0	1,2	76,5	82,2	118,1	100,0	●	○
63,5	1,6	95,3	107,6	152,5	130,0	●	○
76,1	1,6	114,0	127,2	181,0	154,0	●	○
101,6	2,0	153,0	172,8	244,6	209,0	●	○

● = lagerdimension ○ = værkslager / skaffevare

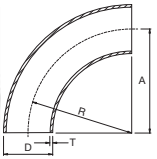
03 Mejerirørsfittings

Overflader efter EN 10357 / DIN 11850 og tolerancer efter DIN 11852



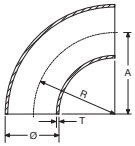
ISO Bøjning 90°, kort

INOX Nr.				8250 slebet	9250 slebet	8250M matt	9250M matt
Ø	**T**	**R**	**A**	**AISI 304L**	**AISI 316L**	**AISI 304L**	**AISI 316L**
25,0	1,2	39,5	44,0	●	●	○	○
25,4	1,6	39,5	44,0	○	○	○	○
38,0	1,2	57,0	64,0	●	●	○	○
38,1	1,6	57,0	64,0	○	○	○	○
51,0	1,2	76,5	89,0	●	●	○	○
50,8	1,6	76,5	89,0	○	○	○	○
63,5	1,6	95,2	114,0	●	●	○	○
76,1	1,6	114,2	134,0	●	●	○	○
101,6	2,0	152,5	174,0	●	●	○	○



ISO Bøjning 90°, 3D

INOX Nr.				8910 slebet
Ø	**T**	**R**	**A**	**AISI 316L**
25,4	1,5	75,0	125,0	●
38,1	1,5	82,0	132,0	●
50,8	1,5	150,0	200,0	●
63,5	1,5	180,0	230,0	●
76,2	2,0	228,0	278,0	●



ISO Bøjning 90°, ekstra kort

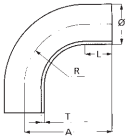
INOX Nr.				9200 slebet	9200M matt
Ø	**T**	**R**	**A**	**AISI 316L**	**AISI 316L**
25,0	1,2	37,5	38,0	●	●
38,0	1,2	57,0	57,0	●	●
51,0	1,2	76,5	76,0	●	●
63,5	1,6	95,3	95,0	●	●
76,1	1,6	114,2	114,0	●	●
101,6	2,0	152,5	152,0	●	●

● = lagerdimension ○ = værkslager / skaffevare

03 Mejerirørsfittings

INOX

Overflader efter EN 10357 / DIN 11850 og tolerancer efter DIN 11852



DIN Bøjning 90°, lang

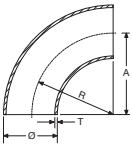
INOX Nr.						8100 slebet	9100 slebet	8100M matt	9100M matt
DN	**Ø**	**T**	**R**	**A**	**L**	**AISI 304L**	**AISI 316L**	**AISI 304L**	**AISI 316L**
10	13,0	1,5	26,0	38,0	12,0	○	●	○	○
15	19,0	1,5	35,0	47,0	12,0	○	●	○	○
20	23,0	1,5	40,0	52,0	12,0	○	●	○	○
25	29,0	1,5	50,0	70,0	20,0	○	●	○	○
32	35,0	1,5	55,0	80,0	23,0	○	●	○	○
40	41,0	1,5	60,0	85,0	25,0	○	●	○	○
50	53,0	1,5	70,0	97,0	27,0	○	●	○	○
65	70,0	2,0	80,0	110,0	30,0	○	●	○	○
80	85,0	2,0	90,0	118,0	28,0	○	●	○	○
100	104,0	2,0	100,0	140,0	40,0	○	●	○	○
Gammel DIN Række 1									
10	12,0	1,5	26,0	38,0	12,0	○	○	○	○
15	18,0	1,5	35,0	47,0	12,0	○	●	○	○
20	22,0	1,5	40,0	52,0	12,0	○	●	○	○
25	28,0	1,5	50,0	70,0	20,0	○	●	○	○
32	34,0	1,5	55,0	78,0	23,0	○	○	○	○
40	40,0	1,5	60,0	85,0	25,0	○	●	○	○
50	52,0	1,5	70,0	97,0	27,0	○	●	○	○

● = lagerdimension ○ = værkslager / skaffevare

03 Mejerirørsfittings

INOX

Overflader efter EN 10357 / DIN 11850 og tolerancer efter DIN 11852



DIN Bøjning 90°, kort

INOX Nr.					8200 slebet	9200 slebet	8200M matt	9200M matt
DN	**Ø**	**T**	**R**	**A**	**AISI 304L**	**AISI 316L**	**AISI 304L**	**AISI 316L**
10	13,0	1,5	26,0	26,0	○	●	○	○
15	19,0	1,5	35,0	35,0	○	●	○	○
20	23,0	1,5	40,0	40,0	○	●	○	○
25	29,0	1,5	50,0	50,0	○	●	○	○
32	35,0	1,5	55,0	55,0	○	●	○	○
40	41,0	1,5	60,0	60,0	○	●	○	○
50	53,0	1,5	70,0	70,0	○	●	○	○
65	70,0	2,0	80,0	80,0	○	●	○	○
80	85,0	2,0	90,0	90,0	○	●	○	○
100	104,0	2,0	100,0	100,0	○	●	○	○
125	129,0	2,0	187,5	187,5	○	●	○	●
150	154,0	2,0	225,0	225,0	○	●	○	●
200	204,0	2,0	300,0	300,0	○	●	○	●

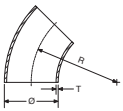
Gammel DIN Række 1

10	12,0	1,5	26,0	26,0	○	●	○	○
15	18,0	1,5	35,0	35,0	○	●	○	○
20	22,0	1,5	40,0	40,0	○	●	○	○
25	28,0	1,5	50,0	50,0	○	●	○	○
32	34,0	1,5	55,0	55,0	○	●	○	○
40	40,0	1,5	60,0	60,0	○	●	○	○
50	52,0	1,5	70,0	70,0	○	●	○	○

● = lagerdimension ○ = værkslager / skaffevare

03 Mejerirørsfittings

Overflader efter EN 10357 / DIN 11850 og tolerancer efter DIN 11852

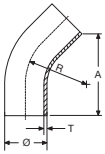


DIN Bøjning 45°, kort

INOX Nr.				9145 slebet	9145M matt
DN	**Ø**	**T**	**R**	**AISI 304L**	**AISI 316L**
10	13,0	1,5	26,0	●	○
15	19,0	1,5	35,0	●	○
20	23,0	1,5	40,0	●	○
25	29,0	1,5	50,0	●	○
32	35,0	1,5	55,0	●	○
40	41,0	1,5	60,0	●	○
50	53,0	1,5	70,0	●	○
65	70,0	2,0	80,0	●	○
80	85,0	2,0	90,0	●	○
100	104,0	2,0	100,0	●	○
125	129,0	2,0	187,5	●	○
150	154,0	2,0	225,0	●	○
200	204,0	2,0	300,0	●	○

Gammel DIN Række 1

10	12,0	1,5	26,0	●	○
15	18,0	1,5	35,0	●	○
20	22,0	1,5	40,0	●	○
25	28,0	1,5	50,0	●	○
32	34,0	1,5	55,0	○	○
40	40,0	1,5	60,0	●	○
50	52,0	1,5	70,0	●	○



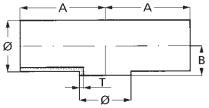
DIN Bøjning 45°, lang

INOX Nr.					9145L slebet
DN	**Ø**	**T**	**R**	**A**	**AISI 316L**
10	13,0	1,5	26,0	35,8	●
15	19,0	1,5	35,0	39,5	●
20	23,0	1,5	40,0	41,6	●
25	29,0	1,5	50,0	60,7	●
32	35,0	1,5	55,0	62,8	●
40	41,0	1,5	60,0	64,9	●
50	53,0	1,5	70,0	69,0	●
65	70,0	2,0	80,0	73,1	●
80	85,0	2,0	90,0	92,3	●
100	104,0	2,0	100,0	96,4	●
125	129,0	2,0	187,5	160,2	●
150	154,0	2,0	225,0	193,2	●

● = lagerdimension ○ = værkslager / skaffevare

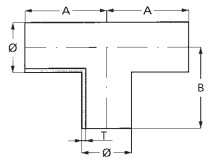
03 Mejerirørsfittings

Overflader efter EN 10357 / DIN 11850 og tolerancer efter DIN 11852



DS/SMS T-rør, kort

INOX Nr.				8400 slebet	9400 slebet	8400M matt	9400M matt
Ø mm	**T mm**	**A mm**	**B mm**	**AISI 304L**	**AISI 316L**	**AISI 304L**	**AISI 316L**
25,0	1,2	55,0	14,0	●	●	○	○
32,0	1,2	64,0	18,0	○	○	○	○
38,0	1,2	70,0	22,0	●	●	○	○
51,0	1,2	82,0	29,0	●	●	○	○
63,5	1,6	105,0	35,0	●	●	○	○
76,1	2,0	110,0	41,0	●	●	○	○
101,6	2,0	150,0	55,0	●	●	○	○



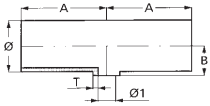
DS/SMS T-rør, lige

INOX Nr.				8300 slebet	9300 slebet	8300M matt	9300M matt
Ø mm	**T mm**	**A mm**	**B mm**	**AISI 304L**	**AISI 316L**	**AISI 304L**	**AISI 316L**
25,0	1,2	55,0	55,0	●	●	○	○
32,0	1,2	64,0	64,0	○	●	○	○
38,0	1,2	70,0	70,0	●	●	○	○
51,0	1,2	82,0	82,0	●	●	○	○
63,5	1,6	105,0	105,0	●	●	○	○
76,1	2,0	110,0	110,0	●	●	○	○
101,6	2,0	150,0	150,0	●	●	○	○

● = lagerdimension ○ = værkslager / skaffevare

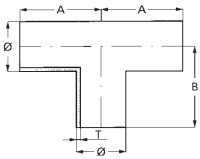
03 Mejerirørsfittings

Overflader efter EN 10357 / DIN 11850 og tolerancer efter DIN 11852



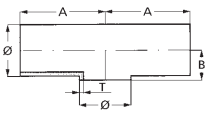
DS/SMS T-rør, kort, reduceret

INOX Nr.						9450 slebet	9450M matt
Nom. dim.	**Ø**	**Ø1**	**T**	**A**	**B**	**AISI 316L**	**AISI 316L**
38,0 / 25,0	38,0	22,6	1,2	70,0	22,0	●	○
51,0 / 25,0	51,0	22,6	1,2	82,0	29,0	●	○
51,0 / 38,0	51,0	35,6	1,2	82,0	29,0	●	○
63,5 / 25,0	63,5	22,6	1,6	105,0	35,0	●	○
63,5 / 38,0	63,5	35,6	1,6	105,0	35,0	●	○
63,5 / 51,0	63,5	48,6	1,6	105,0	35,0	●	○
76,0 / 25,0	76,1	22,6	2,0	110,0	41,0	●	○
76,0 / 38,0	76,1	35,6	2,0	110,0	41,0	●	○
76,0 / 51,0	76,1	48,6	2,0	110,0	41,0	●	○
76,0 / 63,5	76,1	60,5	2,0	110,0	41,0	●	○
101,6 / 25,0	101,6	22,6	2,0	150,0	55,0	●	○
101,6 / 38,0	101,6	35,6	2,0	150,0	55,0	●	○
101,6 / 51,0	101,6	48,6	2,0	150,0	55,0	●	○
101,6 / 63,5	101,6	60,5	2,0	150,0	55,0	●	○
101,6 / 76,0	101,6	72,0	2,0	150,0	55,0	●	○



ISO T-rør, lige

INOX Nr.				9500 slebet	9500M matt
Ø mm	**T mm**	**A mm**	**B mm**	**AISI 316L**	**AISI 316L**
25,0	1,2	44,0	44,0	●	○
38,0	1,2	64,0	64,0	●	○
51,0	1,2	89,0	89,0	●	○
63,5	1,6	114,0	114,0	●	○
76,1	1,6	134,0	134,0	●	○
101,6	2,0	174,0	174,0	●	○



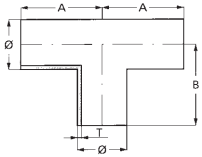
ISO T-rør, kort

INOX Nr.				9600 slebet	9600M matt
Ø mm	**T mm**	**A mm**	**B mm**	**AISI 316L**	**AISI 316L**
25,0	1,2	44,0	14,0	●	○
38,0	1,2	64,0	22,0	●	○
51,0	1,2	89,0	29,0	●	○
63,5	1,6	114,0	35,0	●	○
76,1	1,6	134,0	41,0	●	○
101,6	2,0	174,0	55,0	●	○

● = lagerdimension ○ = værkslager / skaffevare

03 Mejerirørsfittings

Overflader efter EN 10357 / DIN 11850 og tolerancer efter DIN 11852



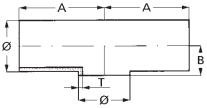
DIN T-rør, lige

INOX Nr.					9500 slebet	9500M matt
DN	**Ø**	**T**	**A**	**B**	**AISI 316L**	**AISI 316L**
10	13,0	1,5	26,0	26,0	●	○
15	19,0	1,5	35,0	35,0	●	○
20	23,0	1,5	40,0	40,0	●	○
25	29,0	1,5	50,0	50,0	●	○
32	35,0	1,5	55,0	55,0	●	○
40	41,0	1,5	60,0	60,0	●	○
50	53,0	1,5	70,0	70,0	●	○
65	70,0	2,0	80,0	80,0	●	○
80	85,0	2,0	90,0	90,0	●	○
100	104,0	2,0	100,0	100,0	●	○
125	129,0	2,0	188,0	188,0	○	○
150	154,0	2,0	225,0	225,0	○	○
Gammel DIN Række 1						
10	12,0	1,5	26,0	26,0	●	○
15	18,0	1,5	35,0	35,0	○	○
20	22,0	1,5	40,0	40,0	○	○
25	28,0	1,5	50,0	50,0	○	○
32	34,0	1,5	55,0	55,0	○	○
40	40,0	1,5	60,0	60,0	○	○
50	52,0	1,5	70,0	70,0	○	○

● = lagerdimension ○ = værkslager / skaffevare

03 Mejerirørsfittings

Overflader efter EN 10357 / DIN 11850 og tolerancer efter DIN 11852



DIN T-rør, kort

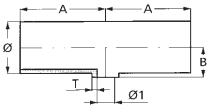
INOX Nr.					9600 slebet	9600M matt
DN	**Ø**	**T**	**A**	**B**	**AISI 316L**	**AISI 316L**
15	19,0	1,5	35,0	11,0	●	○
20	23,0	1,5	40,0	12,0	●	○
25	29,0	1,5	50,0	16,0	●	○
32	35,0	1,5	55,0	19,0	●	○
40	41,0	1,5	60,0	22,0	●	○
50	53,0	1,5	70,0	29,5	●	○
65	70,0	2,0	80,0	40,0	●	○
80	85,0	2,0	90,0	45,5	●	○
100	104,0	2,0	100,0	58,0	●	○
125	129,0	2,0	188,0	72,0	●	○
150	154,0	2,0	225,0	87,0	●	○
200	204,0	2,0	300,0	115,0	●	○
Gammel DIN Række 1						
15	18,0	1,5	35,0	11,5	●	○
20	22,0	1,5	40,0	14,5	●	○
25	28,0	1,5	50,0	16,0	●	○
32	34,0	1,5	55,0	19,0	●	○
40	40,0	1,5	60,0	22,0	●	○
50	52,0	1,5	70,0	29,5	●	○

● = lagerdimension ○ = værkslager / skaffevare

03 Mejerirørsfittings

INOX

Overflader efter EN 10357 / DIN 11850 og tolerancer efter DIN 11852



DIN T-rør, kort, reduceret

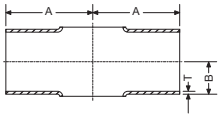
INOX Nr.						9650 slebet	9650M matt
DN	**Ø**	**Ø1**	**T**	**A**	**B**	**AISI 316L**	**AISI 316L**
25 / 15	29,0	19,0	1,5	50,0	16,0	●	○
25 / 20	29,0	23,0	1,5	50,0	16,0	●	○
32 / 25	35,0	29,0	1,5	55,0	19,0	●	○
40 / 15	41,0	19,0	1,5	60,0	22,0	●	○
40 / 20	41,0	23,0	1,5	60,0	22,0	●	○
40 / 25	41,0	29,0	1,5	60,0	22,0	●	○
40 / 32	41,0	35,0	1,5	60,0	22,0	●	○
50 / 15	53,0	19,0	1,5	70,0	29,5	●	○
50 / 25	53,0	29,0	1,5	70,0	29,5	●	○
50 / 32	53,0	35,0	1,5	70,0	29,5	●	○
50 / 40	53,0	41,0	1,5	70,0	29,5	●	○
65 / 25	70,0	29,0	2,0 / 1,5	80,0	40,0	●	○
65 / 40	70,0	41,0	2,0 / 1,5	80,0	40,0	●	○
65 / 50	70,0	53,0	2,0 / 1,5	80,0	40,0	●	○
80 / 40	85,0	41,0	2,0 / 1,5	90,0	45,5	●	○
80 / 50	85,0	53,0	2,0 / 1,5	90,0	45,5	●	○
80 / 65	85,0	70,0	2,0	90,0	45,5	●	○
100 / 25	104,0	29,0	2,0 / 1,5	100,0	58,0	●	○
100 / 40	104,0	41,0	2,0 / 1,5	100,0	58,0	●	○
100 / 50	104,0	53,0	2,0 / 1,5	100,0	58,0	●	○
100 / 65	104,0	70,0	2,0	100,0	58,0	●	○
100 / 70	104,0	85,0	2,0	100,0	58,0	●	○
125 / 65	129,0	70,0	2,0	188,0	74,0	●	○
125 / 80	129,0	85,0	2,0	188,0	74,0	●	○
125 / 100	129,0	104,0	2,0	188,0	74,0	●	○
150 / 80	154,0	85,0	2,0	225,0	90,0	●	○
150 / 100	154,0	104,0	2,0	225,0	90,0	●	○
150 / 125	154,0	129,0	2,0	225,0	90,0	●	○
200 / 150	204,0	154,0	2,0	300,0	115,0	●	○

● = lagerdimension ○ = værkslager / skaffevare

03 Mejerirørsfittings

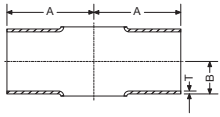
INOX

Overflader efter EN 10357 / DIN 11850 og tolerancer efter DIN 11852



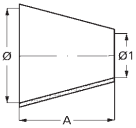
DS/SMS/ISO X-stykke

INOX Nr.				8940 slebet	8940M matt
Ø	**T**	**A**	**B**	**AISI 316L**	**AISI 316L**
25,0	1,2	44,0	14,0	●	○
38,0	1,2	64,0	22,0	●	○
51,0	1,2	89,0	29,0	●	○
63,5	1,6	114,0	35,0	●	○
76,1	1,6	134,0	41,0	●	○
101,6	2,0	174,0	55,0	●	○



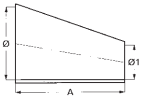
DIN X-stykke

INOX Nr.					8940 slebet	8940M matt
DN	**Ø**	**T**	**A**	**B**	**AISI 316L**	**AISI 316L**
15	19,0	1,5	35,0	11,0	○	○
20	23,0	1,5	40,0	13,5	○	○
25	29,0	1,5	50,0	16,5	○	○
32	35,0	1,5	55,0	19,0	○	○
40	41,0	1,5	60,0	22,5	○	○
50	53,0	1,5	70,0	29,5	○	○
65	70,0	2,0	80,0	40,0	○	○
80	85,0	2,0	90,0	45,5	○	○
100	104,0	2,0	100,0	58,0	○	○
125	129,0	2,0	187,5	71,5	○	○
150	154,0	2,0	225,0	87,0	○	○



DS/SMS Konus, koncentrisk

INOX Nr.				9700 slebet	9700M matt
Dim. fra / til	**Ø**	**Ø1**	**A**	**AISI 316L**	**AISI 316L**
25,0 / 12,0	22,6	10,0	35,4	●	○
25,0 / 18,0	22,6	15,6	19,8	●	○
25,0 / 19,0	22,6	16,6	25,0	●	○
38,0 / 25,0	35,6	22,6	39,0	●	○
51,0 / 25,0	48,6	22,6	77,4	●	○
51,0 / 38,0	48,6	35,6	40,5	●	○
63,5 / 38,0	60,5	35,6	76,4	●	○
63,5 / 51,0	60,5	48,6	37,4	●	○
76,0 / 38,0	72,0	35,6	68,8	●	○
76,0 / 51,0	72,0	48,6	72,0	●	○
76,0 / 63,5	72,0	60,5	35,7	●	○
101,6 / 51,0	97,6	48,6	94,7	●	○
101,6 / 63,5	97,6	60,5	105,2	●	○
101,6 / 76,0	97,6	72,0	77,6	●	○

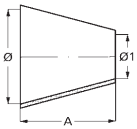


DS/SMS Konus, excentrisk

INOX Nr.				9750 slebet	9750M matt
Dim. fra / til	**Ø**	**Ø1**	**A**	**AISI 316L**	**AISI 316L**
38,0 / 25,0	35,6	22,6	37,9	●	○
51,0 / 25,0	48,6	22,6	75,5	●	○
51,0 / 38,0	48,6	35,6	39,6	●	○
63,5 / 38,0	60,5	35,6	71,0	●	○
63,5 / 51,0	60,5	48,6	36,3	●	○
76,0 / 51,0	72,0	48,6	70,2	●	○
76,0 / 63,5	72,0	60,5	35,8	●	○
101,6 / 63,5	97,6	60,5	101,8	●	○
101,6 / 76,0	97,6	72,0	76,1	●	○

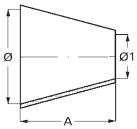
● = lagerdimension ○ = værkslager / skaffevare

Overflader efter EN 10357 / DIN 11850 og tolerancer efter DIN 11852



DIN-DS/SMS Konus, Koncentrisk

INOX Nr.				9700 slebet	9700M matt
Dim. fra / til	**Ø**	**Ø1**	**A**	**AISI 316L**	**AISI 316L**
104,0 / 51,0	100,0	48,6	95,0	●	○
104,0 / 63,5	100,0	60,5	78,0	●	○
104,0 / 76,1	100,0	72,1	60,0	●	○
129,0 / 76,1	125,0	72,1	101,0	●	○
129,0 / 101,6	125,0	97,6	54,8	●	○
154,0 / 101,6	150,0	97,6	101,0	●	○



DIN Konus, Koncentrisk

INOX Nr.						9800 slebet	9800M matt
DN	**Dim. fra / til**	**Ø**	**Ø1**	**A**		**AISI 316L**	**AISI 316L**
15 / 10	19,0 / 13,0	15,0	10,0	11,0		●	○
20 / 10	23,0 / 13,0	20,0	10,0	18,0		●	○
20 / 15	23,0 / 19,0	20,0	15,0	7,0		●	○
25 / 10	29,0 / 13,0	25,0	10,0	30,0		●	○
25 / 15	29,0 / 19,0	25,0	15,0	18,0		●	○
25 / 20	29,0 / 23,0	25,0	20,0	11,0		●	○
32 / 15	35,0 / 19,0	32,0	15,0	31,0		●	○
32 / 20	35,0 / 23,0	32,0	20,0	22,0		●	○
32 / 25	35,0 / 29,0	32,0	25,0	11,0		●	○
40 / 15	41,0 / 19,0	38,0	15,0	41,0		●	○
40 / 20	41,0 / 23,0	38,0	20,0	33,0		●	○
40 / 25	41,0 / 29,0	38,0	25,0	22,0		●	○
40 / 32	41,0 / 35,0	38,0	32,0	11,0		●	○
50 / 15	53,0 / 19,0	50,0	15,0	63,0		●	○
50 / 25	53,0 / 29,0	50,0	25,0	56,0		●	○
50 / 32	53,0 / 35,0	50,0	32,0	33,0		●	○
50 / 40	53,0 / 41,0	50,0	38,0	22,0		●	○
65 / 25	70,0 / 29,0	66,0	25,0	75,0		●	○
65 / 32	70,0 / 35,0	66,0	32,0	64,0		●	○
65 / 40	70,0 / 41,0	66,0	38,0	51,0		●	○
65 / 50	70,0 / 53,0	66,0	50,0	29,0		●	○
80 / 40	85,0 / 41,0	81,0	38,0	80,0		●	○
80 / 50	85,0 / 53,0	81,0	50,0	56,0		●	○
80 / 65	85,0 / 70,0	81,0	66,0	27,0		●	○
100 / 50	104,0 / 53,0	100,0	50,0	93,0		●	○
100 / 65	104,0 / 70,0	100,0	66,0	61,0		●	○
100 / 80	104,0 / 85,0	100,0	81,0	34,0		●	○
125 / 80	129,0 / 85,0	125,0	81,0	79,0		●	○
125 / 100	129,0 / 104,0	125,0	100,0	45,0		●	○
150 / 100	154,0 / 104,0	151,0	100,0	90,0		●	○
154 / 125	154,0 / 129,0	151,0	125,0	45,0		●	○
200 / 150	204,0 / 154,0	200,0	150,0	90,0		●	○

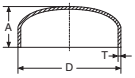
● = lagerdimension ○ = værkslager / skaffevare

03 Mejerirørsfittings

Overflader efter EN 10357 / DIN 11850 og tolerancer efter DIN 11852

DIN Konus, Excentrisk

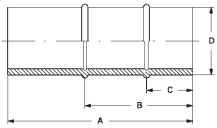
INOX Nr.					9850 slebet	9850M matt
DN	**Dim. fra / til**	**Ø**	**Ø1**	**A**	**AISI 316L**	**AISI 316L**
15 / 10	19,0 / 13,0	15,0	10,0	16,5	●	○
20 / 15	23,0 / 19,0	20,0	15,0	11,0	●	○
25 / 10	29,0 / 13,0	25,0	10,0	44,0	●	○
25 / 15	29,0 / 19,0	25,0	15,0	27,5	●	○
25 / 20	29,0 / 23,0	25,0	20,0	16,5	●	○
32 / 20	35,0 / 23,0	32,0	20,0	33,0	●	○
32 / 25	35,0 / 29,0	32,0	25,0	16,5	●	○
40 / 15	41,0 / 19,0	38,0	15,0	60,5	●	○
40 / 20	41,0 / 23,0	38,0	20,0	49,5	●	○
40 / 25	41,0 / 29,0	38,0	25,0	33,0	●	○
40 / 32	41,0 / 35,0	38,0	32,0	16,5	●	○
50 / 25	53,0 / 29,0	50,0	25,0	66,0	●	○
50 / 32	53,0 / 35,0	50,0	32,0	49,5	●	○
50 / 40	53,0 / 41,0	50,0	38,0	33,0	●	○
65 / 40	70,0 / 41,0	66,0	38,0	77,0	●	○
65 / 50	70,0 / 53,0	66,0	50,0	44,0	●	○
80 / 50	85,0 / 53,0	81,0	50,0	85,0	●	○
80 / 65	85,0 / 70,0	81,0	66,0	41,0	●	○
100 / 65	104,0 / 70,0	100,0	66,0	93,5	●	○
100 / 80	104,0 / 85,0	100,0	81,0	52,5	●	○
125 / 80	129,0 / 85,0	125,0	81,0	121,0	●	○
125 / 100	129,0 / 104,0	125,0	100,0	68,5	●	○
150 / 100	154,0 / 104,0	151,0	100,0	137,5	●	○
154 / 125	154,0 / 129,0	151,0	125,0	68,5	●	○
200 / 150	204,0 / 154,0	200,0	150,0	125,0	○	○



Mejeriendebund

INOX Nr.			9840 slebet
Rør dim.	**T mm**	**A mm**	**EN 1.4404**
19,0	1,5	12,0	●
25,0	1,5	12,0	●
29,0	1,5	12,0	●
38,0	1,5	15,0	●
41,0	1,5	14,0	●
51,0	1,5	19,0	●
53,0	1,5	19,0	●
63,5	1,6	19,0	●
63,5	2,0	19,0	●
70,0	2,0	21,0	●
76,1	2,0	27,0	●
85,0	2,0	21,0	●
101,6	2,0	24,0	●
104,0	2,0	24,0	●
129,0	2,0	34,0	●
154,0	2,0	41,0	●
204,0	2,0	50,0	●

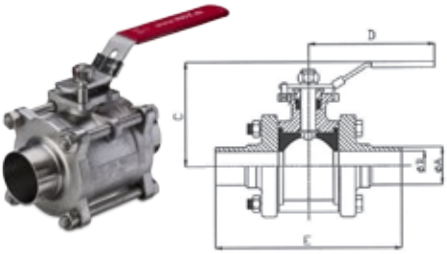
● = lagerdimension ○ = værkslager / skaffevare



Slangestuds

INOX Nr. 9830

Nom. dim.	A	B	C	D	AISI 316L
25,0	60,0	35,0	15,0	25,4	●
38,0	80,0	45,0	20,0	36,1	●
51,0	90,0	45,0	20,0	50,8	●
63,5	100,0	50,0	25,0	63,5	●
76,0	110,0	55,0	25,0	76,1	●
101,6	120,0	65,0	26,0	101,6	●

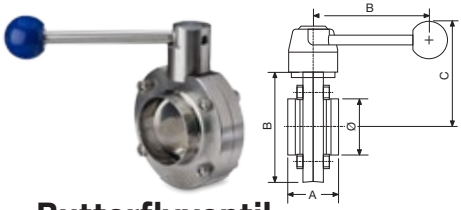


DS/SMS Kuglehane

Med svejseender, Teflon-pakning

INOX Nr. 9890

Nom. dim.	A	B	C	D	E	AISI 316L
25,0	25,0	22,6	62,0	132,0	115,2	●
38,0	38,0	35,6	98,0	175,0	139,9	●
51,0	51,0	48,6	103,9	175,0	158,1	●
63,0	63,5	60,3	141,0	260,0	198,2	●
76,0	76,1	72,9	154,9	260,0	227,5	●
101,6	101,6	97,6	175,0	260,0	242,0	●



Butterflyventil

Med svejseender, EPDM-pakning

INOX Nr. 9880

ISO

Ø	A	B	C	D	AISI 316L
25,4	40,0	87,0	89,0	122,0	●
38,1	50,0	97,0	94,0	122,0	●
50,8	50,0	110,0	100,0	122,0	●
63,5	50,0	127,0	109,0	150,0	●
76,1	60,0	142,0	116,0	150,0	●
101,6	64,0	162,0	127,0	150,0	●

DIN

19,0	40,0	87,0	89,0	122,0	●
23,0	40,0	87,0	89,0	122,0	●
29,0	40,0	87,0	89,0	122,0	●
35,0	42,0	92,0	91,0	122,0	●
41,0	50,0	97,0	94,0	122,0	●
53,0	50,0	110,0	100,0	150,0	●
70,0	50,0	127,0	109,0	150,0	●
85,0	60,0	142,0	116,0	150,0	●
104,0	64,0	162,0	127,0	150,0	●
129,0	86,0	202,0	155,0	216,0	●
154,0	90,0	231,0	170,0	216,0	●

Andre udførsler og diverse tilbehør kan leveres fra fjernlager på få dage:

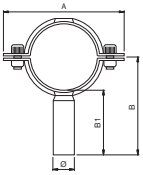
Butterflyventil

- med clamp ender
- med DIN union gevind ender
- med DIN union omløber ender
- kombineret: DIN union gevind / Svejseende
- kombineret: DIN union gevind / DIN union omløber ender

Tilbehør

- Håndtag (standard, trinløs og m/ saksegreb)
- Ventilplader
- Pakninger i VMQ (Silikone), EPDM, FKM (Viton) og H-NBR

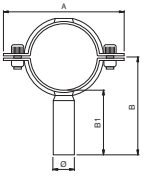
DS/SMS/ISO Rørholdere



INOX Nr.

Rør dim.	A	Ø	8700 lang skaft B	8700 lang skaft AISI 304	8750 kort skaft B	8750 kort skaft AISI 304	8800 uden skaft AISI 304	8810 m/1/2" muffe AISI 304
25,0	78,0	21,3	150	●	90	●	●	●
32,0	85,0	21,3	150	●	90	●	●	●
38,0	91,0	21,3	150	●	90	●	●	●
51,0	104,0	21,3	150	●	90	●	●	●
63,5	116,0	21,3	150	●	90	●	●	●
76,1	129,0	21,3	150	●	90	●	●	●
101,6	155,0	21,3	150	●	90	●	●	●

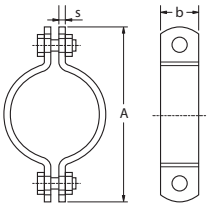
DIN Rørholdere



INOX nr.

Rør dim.	A	Ø	8700 lang skaft B	8700 lang skaft B1	8700 lang skaft AISI 304	4065 kort skaft B	4065 kort skaft B1	4065 kort skaft AISI 304	8800 uden skaft AISI 304
13,0	62,0	8,0		150	●		50	●	●
19,0	68,0	8,0		150	●		50	●	●
23,0	72,0	21,3	150		●	90		●	●
29,0	80,0	21,3	150		●	90		●	●
35,0	88,0	21,3	150		●	90		●	●
41,0	94,0	21,3	150		●	90		●	●
53,0	107,0	21,3	150		●	90		●	●
70,0	123,0	21,3	150		●	90		●	●
84,0	137,0	21,3	150		●	90		●	●
104,0	157,0	21,3	150		●	90		●	●
129,0	182,0	21,3	150		●		40	●	●
154,0	207,0	21,3	150		●		40	●	●
204,0	257,0	21,3	150		●		40	●	●

● = lagerdimension ○ = værkslager / skaffevare

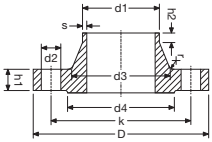


Rørholder af fladstål, Type L m/ bolte og møtrikker

INOX nr.			8850	8850-316
DN	**Fladstål (b x s)**	**A**	**EN 1.4301**	**EN 1.4404**
12,0-13,0	20 x 2,5	62	●	●
17,0-18,0	20 x 2,5	72	●	●
19	20 x 2,5	72	●	●
21,3-23,0	35 x 2,5	72	●	●
25,0-25,4	35 x 2,5	76	●	●
26,9-29,0	35 x 2,5	79	●	●
32	35 x 2,5	83	●	●
33,7-34,0	35 x 2,5	85	●	●
35	35 x 2,5	85	●	●
38,0-38,1	35 x 2,5	90	●	●
40,0-41,0	35 x 2,5	92	●	●
42,4	35 x 2,5	94	●	●
48,3	35 x 2,5	103	●	●
50,8-51,0	35 x 2,5	103	●	●
52,0-53,0	35 x 2,5	103	●	●
60,3	35 x 2,5	115	●	●
63,5	35 x 2,5	116	●	●
70	35 x 2,5	122	●	●
76,1	35 x 2,5	128	●	●
85	35 x 2,5	137	●	●
88,9	35 x 2,5	148	●	●
101,6	35 x 2,5	154	●	●
104	35 x 2,5	154	●	●
114,3	35 x 2,5	173	●	●
129	35 x 2,5	182	●	●
154	35 x 2,5	207	●	●

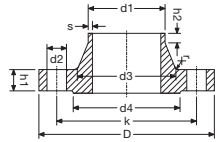
● = lagerdimension ○ = værkslager / skaffevare

Flanger Kvalitet AISI 316L / EN 1.4404, EN1092-1



DS/SMS Flange med krave Type 11B

Nom. dim.	d1	Flange Tryktrin	D	b	k	h1	Ansats d3	s	r	h2	Pakkefl. d4	f	Bolte Ant. stk.	Gev. M.	d2	INOX nr.
DN 20	25,0	PN 10/16/25/40	105	18	75	40	40	1,5	4	6	58	2	4	12	14	6035
DN 32	38,0	PN 10/16/25/40	140	18	100	42	56	1,5	6	6	78	2	4	16	18	6035
DN 50	51,0	PN 10/16	165	18	125	45	74	1,5	6	8	102	3	4	16	18	6030
DN 65	63,5	PN 10/16	185	18	145	45	92	2,0	6	10	122	3	4	16	18	6030
DN 65	76,1	PN 10/16	185	18	145	45	92	2,0	6	10	122	3	8	16	18	6030
DN 100	101,6	PN 10/16	220	20	180	52	131	2,0	8	12	158	3	8	16	18	6030

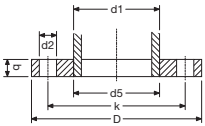


DIN Flange med krave Type 11B

Nom. dim.	d1	Flange Tryktrin	D	b	k	h1	Ansats d3	s	r	h2	Pakkefl. d4	f	Bolte Ant. stk.	Gev. M.	d2	INOX nr.
DN 10	13,0	PN 10/16/25/40	90	16	60	35	28	1,5	4	6	40	2	4	12	14	6035
DN 15	19,0	PN 10/16/25/40	95	16	65	38	32	1,5	4	6	45	2	4	12	14	6035
DN 20	23,0	PN 10/16/25/40	105	18	75	40	40	1,5	4	6	58	2	4	12	14	6035
DN 25	29,0	PN 10/16/25/40	115	18	85	40	46	1,5	4	6	68	2	4	12	14	6035
DN 32	35,0	PN 10/16/25/40	140	18	100	42	56	1,5	6	6	78	2	4	16	18	6035
DN 40	41,0	PN 10/16/25/40	150	18	100	45	64	1,5	6	7	88	3	4	16	18	6035
DN 50	53,0	PN 10/16	165	18	125	45	74	1,5	6	8	102	3	4	16	18	6030
DN 65 - 4h	70,0	PN 10/16	185	18	145	45	92	2,0	6	10	122	3	4	16	18	6030
DN 65 - 8h	70,0	PN 10/16	185	18	145	45	92	2,0	6	10	122	3	8	16	18	6030
DN 80	85,0	PN 10/16	200	20	160	50	105	2,0	8	10	138	3	8	16	18	6030
DN 100	104,0	PN 10/16	220	20	180	52	131	2,0	8	12	158	3	8	16	18	6030
DN 125	129,0	PN 10/16	250	22	210	55	156	2,0	8	12	188	3	8	16	18	6030
DN 150	154,0	PN 10/16	285	22	240	55	184	2,0	10	12	212	3	8	20	22	6030
DN 200	204,0	PN 10	340	24	295	62	234	2,0	10	16	268	3	8	20	22	6029

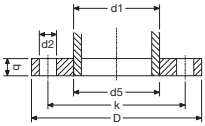
Alle dimensioner er lagerstandard.

Flanger Kvalitet AISI 316L / EN 1.4404, EN1092-1



DS/SMS Påsvejsningsflange Type 01A

Nom. dim.	d1	Flange Tryktrin	d5	D	b	k	Bolte Antal stk.	Gevind M.	d2	INOX nr.
DN 20	25,0	PN10/16/25/40	26,0	105	16	75	4	M12	14	6025
DN 32	38,0	PN10/16/25/40	39,0	140	18	100	4	M16	18	6025
DN 50	51,0	PN 10/16	52,0	165	20	125	4	M16	18	6025
DN 65	63,5	PN 10/16	64,5	185	20	145	4	M16	18	6025
DN 65 - 4h	76,1	PN 10/16	77,5	185	20	145	4	M16	18	6020
DN 65	76,1	PN 10/16	77,5	185	20	145	8	M16	18	6020
DN 100	101,6	PN 10/16	102,6	220	22	180	8	M16	18	6025



DIN Påsvejsningsflange Type 01A

Nom. dim.	d1	Flange Tryktrin	d5	D	b	k	Bolte Antal stk.	Gevind M.	d2	INOX nr.
DN 15	19,0	PN 10/16/25/40	20,0	95	14	65	4	12	14	6025
DN 20	23,0	PN 10/16/25/40	24,0	105	16	75	4	12	14	6025
DN 25	29,0	PN 10/16/25/40	30,0	115	16	85	4	12	14	6025
DN 32	35,0	PN 10/16/25/40	36,0	140	18	100	4	16	18	6025
DN 40	41,0	PN 10/16/25/40	42,0	150	18	110	4	16	18	6025
DN 50	53,0	PN 10/16	54,0	165	20	125	4	16	18	6025
DN 65 - 4h	70,0	PN 10/16	71,5	185	20	145	4	16	18	6025
DN 80	85,0	PN 10/16	86,5	200	20	160	8	16	18	6025
DN 100	104,0	PN 10/16	105,5	220	22	180	8	16	18	6025
DN 125	129,0	PN 10/16	130,5	250	22	210	8	16	18	6025
DN 150	154,0	PN 10/16	155,5	285	24	240	8	20	22	6025
DN 200	204,0	PN 10	205,5	340	24	295	8	20	22	6025

Alle dimensioner er lagerstandard.

04 Unioner & Clamps

04 Unioner & Clamps

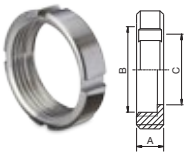
04 Unioner & Clamps

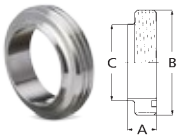
Overflade max Ra 0,8 my – alle pakninger er FDA godkendt

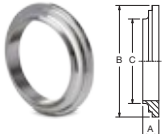
Dele til DS unioner Max. tryktrin 25 bar

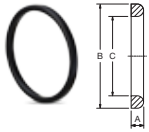
INOX Nr. 8813 AISI 304 | 9811 AISI 316L | 9812 AISI 316L

8814E - EPDM
8814N - NBR
8814T - PTFE
8814V - Viton



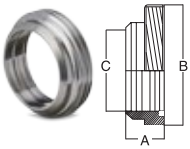


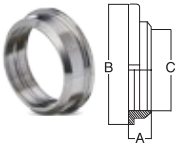


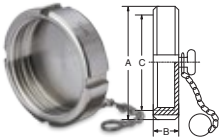


	DS omløber			DS svejsenippel			DS svejsekrave			DS pakning		
Nom. dim.	A mm	B mm	C mm	A mm	B mm	C mm	A mm	B mm	C mm	A mm	B mm	C mm
25,0	20,0	44x1/6	35,0	18,5	44x1/6	25,6	11,0	39,5	25,6	4,5	32,0	25,0
38,0	20,0	58x1/6	48,5	20,0	58x1/6	38,5	11,0	53,5	38,5	4,5	47,0	38,0
51,0	22,0	72x1/6	62,5	20,0	72x1/6	51,5	11,0	67,5	51,5	4,5	59,0	51,0
63,5	24,0	88x1/6	76,5	24,0	88x1/6	63,9	12,0	83,5	63,9	4,5	74,5	63,5
76,1	25,0	100x1/6	88,5	24,0	100x1/6	76,6	12,0	95,7	76,6	4,5	88,0	76,0
101,6	28,0	130x1/6	117,0	24,0	130x1/6	102,3	12,0	124,0	102,3	4,5	112,5	101,6

INOX Nr. 8816 AISI 304 | 8817 AISI 304 | 9818 AISI 316L | 8819 AISI 304







	DS valsenippel			DS valsekrave			DS Blindskive		DS Blindomløber		
Nom. dim.	A mm	B mm	C mm	A mm	B mm	C mm	A mm	B mm	A mm	B mm	C mm
25,0	20,0	44x1/6	25,2	16,0	39,5	25,2	40,0	3,0	57,0	20,0	44x1/6
38,0	22,0	58x1/6	38,2	18,0	53,5	38,2	54,0	3,0	72,0	20,0	58x1/6
51,0	24,0	72x1/6	51,1	20,0	67,5	51,1	68,0	3,0	86,0	22,0	72x1/6
63,5	26,0	88x1/6	63,7	22,0	83,5	63,7	84,0	4,0	103,0	24,0	88x1/6
76,1	28,0	100x1/6	76,4	24,0	95,5	76,4	96,0	4,0	115,0	25,0	100x1/6
101,6	34,0	130x1/6	102,0	29,0	124,0	102,0	124,0	4,0	147,0	28,0	130x1/6

Alle dimensioner er lagerstandard.

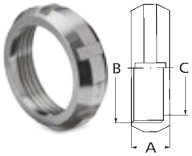
04 Unioner & Clamps

Overflade max Ra 0,8 my – alle pakninger er FDA godkendt

Dele til SMS svejseunioner Max. tryktrin 25 bar

INOX Nr.

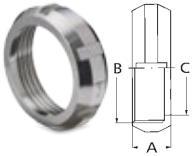
8823
AISI 304



SMS omløber

Nom. dim.	A	B	C
25,0	19,0	40x1/6	32,5
38,0	23,0	60x1/6	48,5
51,0	24,0	70x1/6	61,0
63,5	28,0	85x1/6	74,0
76,1	30,0	98x1/6	87,0
101,6	31,0	132x1/6	117,0

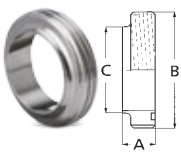
8823KM
AISI 304



SMS omløber, kraftig

A	B	C
20,0	40x1/6	32,5
25,0	60x1/6	48,5
26,0	70x1/6	61,0
30,0	85x1/6	74,0
32,0	98x1/6	87,0
45,0	132x1/6	117,0

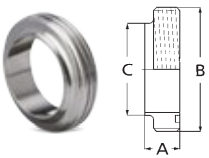
9821
AISI 316L



SMS svejsenippel

A	B	C
15,0	40,0	25,0
20,0	60,0	38,0
20,0	70,0	51,0
24,0	85,0	63,5
24,0	98,0	76,1
35,0	132,0	102,5

9821L
AISI 316L



SMS svejsenippel, lang

A	B	C
19,0	40x1/6	25,0
23,0	60x1/6	38,0
23,0	70x1/6	51,0
27,0	85x1/6	63,5
27,0	98x1/6	76,1
35,0	132x1/6	102,5

INOX Nr.

9822
AISI 316L

SMS svejsekrave

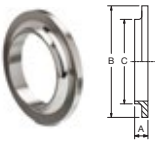
Nom. dim.	A	B	C
25,0	15,5	35,5	25,0
38,0	16,0	55,0	38,0
51,0	17,0	65,0	51,0
63,5	17,0	80,0	63,5
76,1	19,0	93,0	76,1
101,6	19,0	127,0	102,5

9822L
AISI 316L

SMS svejsekrave, lang

A	B	C
17,0	35,5	25,0
20,0	55,0	38,0
20,0	65,0	51,0
25,0	80,0	63,5
30,0	93,0	76,1
35,0	127,0	102,5

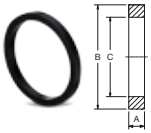
9822K
AISI 316L



SMS svejsekrave, kort

A	B	C
7,5	35,5	25,0
8,0	55,0	38,0
9,0	65,0	51,0
9,0	80,0	63,5
9,0	93,0	76,1
12,0	127,0	102,5

8824E - EPDM
8824N - NBR
8824T - PTFE
8824V - Viton



SMS pakning

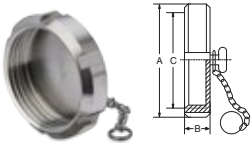
A	B	C
32,0	25,0	5,5
48,0	38,0	5,5
61,0	51,0	5,5
73,5	63,5	5,5
86,0	76,1	5,5
113,5	101,6	5,5

Alle dimensioner er lagerstandard.

04 Unioner & Clamps

Overflade max Ra 0,8 my – alle pakninger er FDA godkendt

Dele til SMS svejseunioner Max. tryktrin 25 bar

INOX Nr.	9828 AISI 316L		8829 AISI 304		
					
	SMS Blindskive		**SMS Blindomløber m/ kæde**		
Nom. dim.	**A**	**B**	**A**	**B**	**C**
25,0	35,5	3,0	51,0	19,0	40x1/6
38,0	55,0	3,0	74,0	23,0	60x1/6
51,0	65,0	3,0	84,0	24,0	70x1/6
63,5	80,0	4,0	100,0	28,0	85x1/6
76,1	93,0	4,0	114,0	30,0	98x1/6
101,6	127,0	4,0	150,0	30,0	132x1/6

Alle dimensioner er lagerstandard.

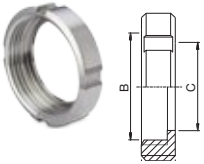
04 Unioner & Clamps

Overflade max Ra 0,8 my – alle pakninger er FDA godkendt

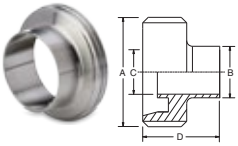
Dele til DIN 11851 svejseunion

Max. tryktrin: DN 15-40 = 40 bar, DN 50-100 = 25 bar, DN 125-150 = 10 bar

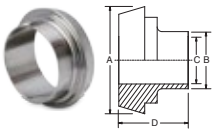
INOX Nr. 8833 AISI 304



9831 AISI 316L

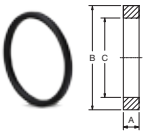


9832 AISI 316L

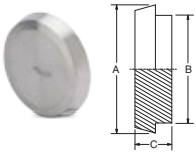


		DIN omløber F				DIN Svejsenippel SC				DIN Svejsekrave SD			
DN	Rør dim.	A	B	C	D	A	B	C	D	A	B	C	D
10	13,0	19,0	35,0	28x1/8	18,0	28x1/8	13,0	10,0	21,0	22,5	13,0	10,0	17,0
15	19,0	25,0	44,0	34x1/8	18,0	34x1/8	19,0	16,0	21,0	28,5	19,0	16,0	17,0
20	23,0	31,0	54,0	44x1/6	21,0	44x1/6	23,0	20,0	24,0	36,5	23,0	20,0	18,0
25	29,0	36,0	63,0	52x1/6	21,0	52x1/6	29,0	26,0	29,0	44,0	29,0	26,0	22,0
32	35,0	42,0	70,0	58x1/6	21,0	58x1/6	35,0	32,0	32,0	50,0	35,0	32,0	25,0
40	41,0	49,0	78,0	65x1/6	21,0	65x1/6	41,0	38,0	33,0	56,0	41,0	38,0	26,0
50	53,0	62,0	92,0	78x1/6	22,0	78x1/6	53,0	50,0	35,0	68,5	53,0	50,0	28,0
65	70,0	80,0	112,0	95x1/6	25,0	95x1/6	70,0	66,0	40,0	86,0	70,0	66,0	32,0
80	85,0	94,0	127,0	110x1/4	30,0	110x1/4	85,0	81,0	45,0	100,0	85,0	81,0	37,0
100	104,0	115,0	148,0	130x1/4	31,0	130x1/4	104,0	100,0	54,0	121,0	104,0	100,0	44,0
125	129,0	138,0	178,0	160x1/4	35,0	160x1/4	129,0	125,0	46,0	150,0	129,0	125,0	34,0
150	154,0	164,0	210,0	190x1/4	40,0	190x1/4	154,0	150,0	50,0	176,0	154,0	150,0	37,0

INOX Nr. 8834E - EPDM
8834N - NBR
8834V - Viton



9838 AISI 316L



		DIN pakning			DIN Blindskive D		
DN	Rør dim.	Ø	ø	T	A	B	C
10	13,0	20,0	12,0	4,5	22,0	18,0	9,0
15	19,0	26,0	18,0	4,5	28,0	24,0	9,0
20	23,0	33,0	23,0	4,5	36,0	30,0	11,0
25	29,0	40,0	30,0	5,0	44,0	35,0	13,0
32	35,0	46,0	36,0	5,0	50,0	41,0	13,0
40	41,0	52,0	42,0	5,0	56,0	48,0	13,0
50	53,0	64,0	54,0	5,0	68,0	61,0	14,0
65	70,0	81,0	71,0	5,0	86,0	79,0	16,0
80	85,0	95,0	85,0	5,0	100,0	93,0	16,0
100	104,0	114,0	104,0	6,0	121,0	114,0	20,0
125	129,0	142,0	130,0	7,0	150,0	137,0	22,0
150	154,0	167,0	155,0	7,0	176,0	163,0	24,0

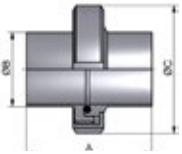
Alle dimensioner er lagerstandard.

04 Unioner & Clamps

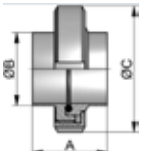
Overflade max Ra 0,8 my – alle pakninger er FDA godkendt

Oversigt: DIN 11864-1 / 11853-1 svejseunioner

Max. Tryktrin DN 15-40 = 40 bar, DN 50-100 = 25 bar



lang model



kort model

DN	B	C	Union Gevind	A	DIN 11864-1	A	DIN 11853-1
10	13,0	38	28x1/8	76	●	32	○
15	19,0	44	34x1/8	76	●	32	○
20	23,0	54	44x1/6	76	●	34	○
25	29,0	63	52x1/6	77	●	42	○
32	35,0	70	58x1/6	88	●	48	○
40	41,0	78	65x1/6	88	●	50	○
50	53,0	92	78x1/6	89	●	54	○
65	70,0	112	95x1/6	113	●	62	○
80	85,0	127	110x1/4	117	●	72	○
100	104,0	148	130x1/4	120	●	86	○

ISO	B	C	Union Gevind	A	DIN 11864-1	E	DIN 11853-1
13,5	13,5	38	28x1/8	76	○	32	○
17,2	17,2	44	34x1/8	76	○	32	○
21,3	21,3	54	44x1/6	78	○	34	○
26,9	26,9	63	52x1/6	78	○	42	○
33,7	33,7	70	58x1/6	88	○	48	○
42,4	42,4	78	65x1/6	88	○	50	○
48,3	48,3	92	78x1/6	90	○	54	○
60,3	60,3	112	95x1/6	114	○	62	○
76,1	76,1	127	110x1/4	117	○	72	○
88,9	88,9	148	130x1/4	122	○	86	○
114,3	114,3	178	160x1/4	130	○	-	

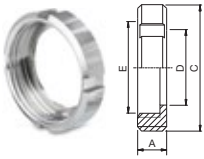
Inch	B	C	Union Gevind	A	DIN 11864-1	E	DIN 11853-1
0,5"	12,7	38	28x1/8	76	○	32	○
0,75"	19,05	44	34x1/8	76	○	32	○
1"	25,4	63	52x1/6	77	○	42	○
1,5"	38,1	78	65x1/6	88	○	50	○
2"	50,8	92	78x1/6	89	○	54	○
2,5"	63,5	112	95x1/6	115	○	62	○
3"	76,2	127	110x1/4	117	○	72	○
4"	101,6	148	130x1/4	119	○	86	○

● = lagerdimension ○ = værkslager / skaffevare

DIN 11864-1 / DIN 11853-1 kan også leveres i EN 1.4404 med overflade Max Ra 0,4 µm

DIN 11864-1 / DIN 11853-1 kan også leveres i EN 1.4435 med overflade Max Ra 0,4 µm eller 0,25 µm (elektropoleret)

Dele til DIN 11864-1 / 11853-1 svejseunioner



Omløber F

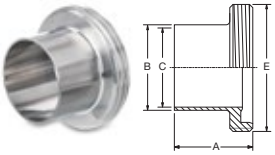
INOX Nr.						8843	9843
DN	**Rør dim.**	**A**	**C**	**D**	**E**	**AISI 304L**	**AISI 316L**
10	13,0	18	38	19	28x1/8	●	○
15	19,0	18	44	25	34x1/8	●	○
20	23,0	20	54	31	44x1/6	●	○
25	29,0	21	63	36	52x1/6	●	○
32	35,0	21	70	42	58x1/6	●	○
40	41,0	21	78	49	65x1/6	●	○
50	53,0	22	92	62	78x1/6	●	○
65	70,0	25	112	80	95x1/6	●	○
80	85,0	29	127	94	110x1/4	●	○
100	104,0	31	148	115	130x1/4	●	○

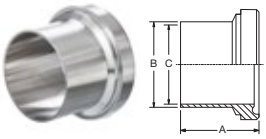
ISO	**Rør dim.**	**A**	**C**	**D**	**E**	**AISI 304L**	**AISI 316L**
13,5	13,5	18	38	19	28x1/8	○	○
17,2	17,2	18	44	25	34x1/8	○	○
21,3	21,3	20	54	31	44x1/6	○	○
26,9	26,9	21	63	36	52x1/6	○	○
33,7	33,7	21	70	42	58x1/6	○	○
42,4	42,4	21	78	49	65x1/6	○	○
48,3	48,3	22	92	62	78x1/6	○	○
60,3	60,3	25	112	80	95x1/6	○	○
76,1	76,1	29	127	94	110x1/4	○	○
88,9	88,9	31	148	115	130x1/4	○	○
114,3	114,3	35	178	138	160x1/4	○	○

Inch	**Rør dim.**	**A**	**C**	**D**	**E**	**AISI 304L**	**AISI 316L**
0,5"	12,7	18	38	19	28x1/8	○	○
0,75"	19,05	18	44	25	34x1/8	○	○
1"	25,4	21	63	36	52x1/6	○	○
1,5"	38,1	21	78	49	65x1/6	○	○
2"	50,8	22	92	62	78x1/6	○	○
2,5"	63,5	25	112	80	95x1/6	○	○
3"	76,2	29	127	94	110x1/4	○	○
4"	101,6	31	148	115	130x1/4	○	○

● = lagerdimension ○ = værkslager / skaffevare

Dele til DIN 11864-1 / 11853-1 svejseunioner

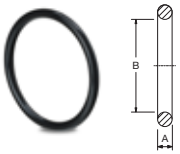




				Svejsenippel GS				Svejsekrave BS			
INOX Nr.				9841L		9841		9842L		9842	
				DIN 11864 lang model		DIN 11853 kort model		DIN 11864 lang model		DIN 11853 kort model	
DN	**B**	**C**	**E**	**A**	**AISI 316L**	**A**	**AISI 316L**	**A**	**AISI 316L**	**A**	**AISI 316L**
10	13,0	10,0	28x1/8	41,0	●	19,0	○	39,0	●	17,0	○
15	19,0	16,0	34x1/8	41,0	●	19,0	○	39,0	●	17,0	○
20	23,0	20,0	44x1/6	43,0	●	21,0	○	38,0	●	18,0	○
25	29,0	26,0	52x1/6	43,0	●	26,0	○	40,0	●	22,0	○
32	35,0	32,0	58x1/6	48,0	●	30,0	○	47,0	●	25,0	○
40	41,0	38,0	65x1/6	48,0	●	31,0	○	47,0	●	26,0	○
50	53,0	50,0	78x1/6	48,0	●	31,0	○	48,0	●	30,0	○
65	70,0	66,0	95x1/6	60,0	●	36,0	○	61,0	●	34,0	○
80	85,0	81,0	110x1/4	64,0	●	42,0	○	61,0	●	38,0	○
100	104,0	100,0	130x1/4	64,0	●	50,0	○	66,0	●	46,0	○
ISO	**B**	**C**	**E**	**A**	**AISI 316L**	**A**	**AISI 316L**	**A**	**AISI 316L**	**A**	**AISI 316L**
13,5	13,5	10,3	28x1/8	41,0	○	19,0	○	39,0	○	17,0	○
17,2	17,2	14,0	34x1/8	41,0	○	19,0	○	39,0	○	17,0	○
21,3	21,3	18,1	44x1/6	43,0	○	21,0	○	40,0	○	18,0	○
26,9	26,9	23,7	52x1/6	43,0	○	26,0	○	41,0	○	22,0	○
33,7	33,7	29,7	58x1/6	48,0	○	30,0	○	47,0	○	25,0	○
42,4	42,4	38,4	65x1/6	48,0	○	31,0	○	47,0	○	26,0	○
48,3	48,3	44,3	78x1/6	49,0	○	31,0	○	48,0	○	30,0	○
60,3	60,3	56,3	95x1/6	60,0	○	36,0	○	62,0	○	34,0	○
76,1	76,1	72,1	110x1/4	64,0	○	42,0	○	61,0	○	38,0	○
88,9	88,9	84,3	130x1/4	64,0	○	50,0	○	68,0	○	46,0	○
114,3	114,3	109,7	160x1/4	68,0	○			72,0	○		
Inch	**B**	**C**	**E**	**A**	**AISI 316L**	**A**	**AISI 316L**	**A**	**AISI 316L**	**A**	**AISI 316L**
0,5"	12,7	9,4	28x1/8	41,0	○	19,0	○	39,0	○	17,0	○
0,75"	19,05	15,75	34x1/8	41,0	○	19,0	○	39,0	○	17,0	○
1"	25,4	22,1	52x1/6	43,0	○	26,0	○	40,0	○	22,0	○
1,5"	38,1	34,8	65x1/6	48,5	○	31,0	○	46,5	○	26,0	○
2"	50,8	47,5	78x1/6	48,5	○	31,0	○	47,5	○	30,0	○
2,5"	63,5	60,2	95x1/6	60,0	○	36,0	○	63,0	○	34,0	○
3"	76,2	72,9	110x1/4	64,0	○	42,0	○	61,0	○	38,0	○
4"	101,6	97,4	130x1/4	64,0	○	50,0	○	65,0	○	46,0	○

● = lagerdimension ○ = værkslager / skaffevare

Dele til DIN 11864-1 / 11853-1 svejseunioner



				O-ring			Blindskive BBS		
INOX Nr.				8844E	8844V	8844N			9848
DN	**Rør dim.**	**A**	**B**	**EPDM**	**VITON**	**NBR**	**A**	**B**	**AISI 3016L**
10	13,0	3,5	12,0	●	●	○	9	18	●
15	19,0	3,5	18,0	●	●	○	9	24	●
20	23,0	3,5	22,0	●	●	○	10	30	●
25	29,0	3,5	28,0	●	●	○	12	35	●
32	35,0	5,0	34,0	●	●	○	13	41	●
40	41,0	5,0	40,0	●	●	○	13	48	●
50	53,0	5,0	52,0	●	●	○	14	61	●
65	70,0	5,0	68,0	●	●	○	16	79	●
80	85,0	5,0	83,0	●	●	○	16	93	●
100	104,0	5,0	102,0	●	●	○	20	114	●

ISO	**Rør dim.**	**A**	**B**	**EPDM**	**VITON**	**NBR**	**A**	**B**	**AISI 316L**
13,5	13,5	3,5	12,0	○	○	○	9	18	○
17,2	17,2	3,5	16,0	○	○	○	9	24	○
21,3	21,3	3,5	20,0	○	○	○	10	30	○
26,9	26,9	3,5	26,0	○	○	○	12	35	○
33,7	33,7	5,0	32,0	○	○	○	13	41	○
42,4	42,4	5,0	40,5	○	○	○	13	48	○
48,3	48,3	5,0	46,5	○	○	○	14	61	○
60,3	60,3	5,0	58,5	○	○	○	16	79	○
76,1	76,1	5,0	73,5	○	○	○	16	93	○
88,9	88,9	5,0	86,5	○	○	○	20	114	○
114,3	114,3	5,0	111,0	○	○	○	22	137	○

Inch	**Rør dim.**	**A**	**B**	**EPDM**	**VITON**	**NBR**	**A**	**B**	**AISI 316L**
0,5"	12,7	3,5	12,0	○	○	○	9	18	○
0,75"	19,05	3,5	18,0	○	○	○	9	24	○
1"	25,4	3,5	24,0	○	○	○	12	35	○
1,5"	38,1	5,0	37,0	○	○	○	13	48	○
2"	50,8	5,0	50,0	○	○	○	14	61	○
2,5"	63,5	5,0	62,0	○	○	○	16	79	○
3"	76,2	5,0	75,0	○	○	○	16	93	○
4"	101,6	5,0	100,0	○	○	○	20	114	○

● = lagerdimension ○ = værkslager / skaffevare

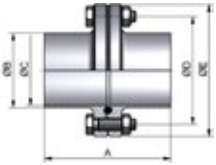
04 Unioner & Clamps

IMOX

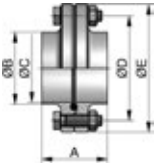
Overflade max Ra 0,8 my – alle pakninger er FDA godkendt

Oversigt: DIN 11864-2 / 11853-2 flangeunioner

Max. Tryktrin DN 15-40 = 40 bar, DN 50-100 = 25 bar, DN 125-150 = 10 bar



lang model



kort model

DN	B	C	D	E	Bolte	A	DIN 11864-2	A	DIN 11853-2
10	13,0	10,0	37	65	4x M8x30	80	●	48	●
15	19,0	16,0	42	59	4x M8x30	80	●	48	●
20	23,0	20,0	47	64	4x M8x30	80	●	48	●
25	29,0	26,0	53	70	4x M8x30	80	●	48	●
32	35,0	32,0	59	76	4x M8x30	90	●	48	●
40	41,0	38,0	65	82	4x M8x30	90	●	48	●
50	53,0	50,0	77	94	4x M8x30	90	●	48	●
65	70,0	66,0	95	113	8x M8x30	108	●	48	●
80	85,0	81,0	112	133	8x M10x35	116	●	52	●
100	104,0	100,0	137	159	8x M10x40	116	●	52	●
125	129,0	125,0	161	183	8x M10x40	120	●	56	●
150	154,0	150,0	188	213	8x M12x50	120	●	56	●

ISO	B	C	D	E	Bolte	A	DIN 11864-2	A	DIN 11853-2
13,5	13,5	10,3	37	54	4x M8x30	80	○	48	○
17,2	17,2	14,0	42	59	4x M8x30	80	○	48	○
21,3	21,3	18,1	45	62	4x M8x30	80	○	48	○
26,9	26,9	23,7	52	69	4x M8x30	80	○	48	○
33,7	33,7	29,7	57	74	4x M8x30	90	○	48	○
42,4	42,4	38,4	65	82	4x M8x30	90	○	48	○
48,3	48,3	44,3	71	88	4x M8x30	90	○	48	○
60,3	60,3	56,3	85	103	4x M8x30	108	○	48	○
76,1	76,1	72,1	104	125	8x M10x35	112	○	48	○
88,9	88,9	94,3	116	137	8x M10x35	116	○	52	○
114,3	114,3	109,7	146	168	8x M10x40	116	○	52	○

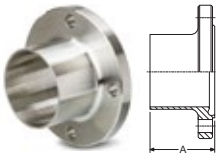
Inch	B	C	D	E	Bolte	A	DIN 11864-2	A	DIN 11853-2
0,5"	12,7	9,4	37	54	4x M8x30	80	○	48	○
0,75"	19,05	15,75	42	59	4x M8x30	80	○	48	○
1"	25,4	22,1	49	66	4x M8x30	80	○	48	○
1,5"	38,1	34,8	62	79	4x M8x30	90	○	48	○
2"	50,8	47,5	75	92	4x M8x30	90	○	48	○
2,5"	63,5	60,2	89	107	8x M8x30	108	○	48	○
3"	76,2	72,9	104	128	8x M10x35	112	○	48	○
4"	101,6	97,4	135	157	8x M10x40	116	○	52	○

● = lagerdimension ○ = værkslager / skaffevare

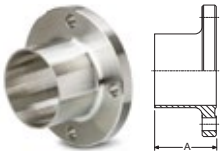
DIN 11864-2 / DIN 11853-2 kan også leveres i EN 1.4404 med overflade Max Ra 0,4 µm

DIN 11864-2 / DIN 11853-2 kan også leveres i EN 1.4435 med overflade Max Ra 0,4 µm eller 0,25 µm (elektropoleret)

Dele til DIN 11864-2 / 11853-2 flangeunioner



Nut flange NF



Liner flange BF

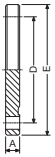
INOX Nr.		9852L DIN 11864, lang		9852 DIN11853, kort		9851L DIN 11864, lang		9851 DIN11853, kort	
DN	**Rør dim.**	**A**	**AISI 316L**	**A**	**AISI 316L**	**A**	**AISI 316L**	**A**	**AISI 316L**
10	13,0	41,5	●	25,5	●	40,0	●	24,0	●
15	19,0	41,5	●	25,5	●	40,0	●	24,0	●
20	23,0	41,5	●	25,5	●	40,0	●	24,0	●
25	29,0	41,5	●	25,5	●	40,0	●	24,0	●
32	35,0	46,5	●	25,5	●	45,0	●	24,0	●
40	41,0	46,5	●	25,5	●	45,0	●	24,0	●
50	53,0	46,5	●	25,5	●	45,0	●	24,0	●
65	70,0	55,5	●	25,5	●	54,0	●	24,0	●
80	85,0	59,5	●	27,5	●	58,0	●	26,0	●
100	104,0	59,5	●	27,5	●	58,0	●	26,0	●
125	129,0	61,5	●	29,5	●	60,0	●	28,0	●
150	154,0	61,5	●	29,5	●	60,0	●	28,0	●

ISO	**Rør dim.**	**A**	**AISI 316L**	**A**	**AISI 316L**	**A**	**AISI 316L**	**A**	**AISI 316L**
13,5	13,5	41,5	○	25,5	○	40,0	○	24,0	○
17,2	17,2	41,5	○	25,5	○	40,0	○	24,0	○
21,3	21,3	41,5	○	25,5	○	40,0	○	24,0	○
26,9	26,9	41,5	○	25,5	○	40,0	○	24,0	○
33,7	33,7	46,5	○	25,5	○	45,0	○	24,0	○
42,4	42,4	46,5	○	25,5	○	45,0	○	24,0	○
48,3	48,3	46,5	○	25,5	○	45,0	○	24,0	○
60,3	60,3	55,5	○	25,5	○	54,0	○	24,0	○
76,1	76,1	57,5	○	25,5	○	56,0	○	24,0	○
88,9	88,9	59,5	○	27,5	○	58,0	○	26,0	○
114,3	114,3	59,5	○	27,5	○	58,0	○	26,0	○

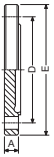
Inch	**Rør dim.**	**A**	**AISI 316L**	**A**	**AISI 316L**	**A**	**AISI 316L**	**A**	**AISI 316L**
0,5"	12,7	41,5	○	25,5	○	40,0	○	24,0	○
0,75"	19,05	41,5	○	25,5	○	40,0	○	24,0	○
1"	25,4	41,5	○	25,5	○	40,0	○	24,0	○
1,5"	38,1	46,5	○	25,5	○	45,0	○	24,0	○
2"	50,8	46,5	○	25,5	○	45,0	○	24,0	○
2,5"	63,5	55,5	○	25,5	○	54,0	○	24,0	○
3"	76,2	57,5	○	25,5	○	56,0	○	24,0	○
4"	101,6	59,5	○	27,5	○	58,0	○	26,0	○

● = lagerdimension ○ = værkslager / skaffevare

Dele til DIN 11864-2 / 11853-2 flangeunioner



Blind liner flange BBF
9859



Blind nut flange BNF
9858

O-ring
8844E 8844V 8844N

Boltsæt
9854

DN	Rør dim.	A	AISI 316L	A	AISI 316L	A	B	EPDM	VITON	NBR	stk. / dim.	A2/A4
10	13,0	10,0	○	11,5	○	3,5	12,0	●	●	○	4x M8x30	●
15	19,0	10,0	○	11,5	○	3,5	18,0	●	●	○	4x M8x30	●
20	23,0	10,0	○	11,5	○	3,5	22,0	●	●	○	4x M8x30	●
25	29,0	10,0	○	11,5	○	3,5	28,0	●	●	○	4x M8x30	●
32	35,0	10,0	○	11,5	○	5,0	34,0	●	●	○	4x M8x30	●
40	41,0	10,0	○	11,5	○	5,0	40,0	●	●	○	4x M8x30	●
50	53,0	10,0	○	11,5	○	5,0	52,0	●	●	○	4x M8x30	●
65	70,0	10,0	○	11,5	○	5,0	68,0	●	●	○	8x M8x30	●
80	85,0	12,0	○	13,5	○	5,0	83,0	●	●	○	8x M10x35	●
100	104,0	14,0	○	15,5	○	5,0	102,0	●	●	○	8x M10x40	●
125	129,0	14,0	○	15,5	○	5,0	127,0	●	○	○	8x M10x40	●
150	154,0	16,0	○	17,5	○	5,0	152,0	●	○	○	8x M12x50	●

DN	Rør dim.	A	AISI 316L	A	AISI 316L	A	B	EPDM	VITON	NBR	stk. / dim.	A2/A4
13,5	13,5	10,0	○	11,5	○	3,5	12,0	○	○	○	4x M8x30	○
17,2	17,2	10,0	○	11,5	○	3,5	16,0	○	○	○	4x M8x30	○
21,3	21,3	10,0	○	11,5	○	3,5	20,0	○	○	○	4x M8x30	○
26,9	26,9	10,0	○	11,5	○	3,5	26,0	○	○	○	4x M8x30	○
33,7	33,7	10,0	○	11,5	○	5,0	32,0	○	○	○	4x M8x30	○
42,4	42,4	10,0	○	11,5	○	5,0	40,5	○	○	○	4x M8x30	○
48,3	48,3	10,0	○	11,5	○	5,0	46,5	○	○	○	4x M8x30	○
60,3	60,3	10,0	○	11,5	○	5,0	58,5	○	○	○	4x M8x30	○
76,1	76,1	12,0	○	13,5	○	5,0	73,5	○	○	○	8x M10x35	○
88,9	88,9	12,0	○	13,5	○	5,0	86,5	○	○	○	8x M10x35	○
114,3	114,3	14,0	○	15,5	○	5,0	111,0	○	○	○	8x M10x40	○

DN	Rør dim.	A	AISI 316L	A	AISI 316L	A	B	EPDM	VITON	NBR	stk. / dim.	A2/A4
0,5"	12,7	10,0	○	11,5	○	3,5	12,0	○	○	○	4x M8x30	○
0,75"	19,05	10,0	○	11,5	○	3,5	18,0	○	○	○	4x M8x30	○
1"	25,4	10,0	○	11,5	○	3,5	24,0	○	○	○	4x M8x30	○
1,5"	38,1	10,0	○	11,5	○	5,0	37,0	○	○	○	4x M8x30	○
2"	50,8	10,0	○	11,5	○	5,0	50,0	○	○	○	4x M8x30	○
2,5"	63,5	10,0	○	11,5	○	5,0	62,0	○	○	○	8x M8x30	○
3"	76,2	12,0	○	13,5	○	5,0	75,0	○	○	○	8x M10x35	○
4"	101,6	14,0	○	15,5	○	5,0	100,0	○	○	○	8x M10x40	○

● = lagerdimension ○ = værkslager / skaffevare

Advanced Couplings Clampringe

tryktestet af Force Technology

8861AC
gl. Type S
(H-hængslet)

9865AC
Type SH

9866AC
Type SSH
High Pressure

INOX Nr.
Type

Clampkrave dimensioner									
DS/SMS	DIN	ISO	Flange Ø	Max Bar	AISI 304	Max Bar	AISI 316L	Max Bar	AISI 304
	6-18 (mini)	13,5-17,2	25,4	25	●	50	●	75	●
	13-23		34,0	25	●	50	●	75	●
25-38	29-41	21,3-33,7	50,5	25	●	50	●	75	●
51	53	42,4-48,3	64,0	25	●	50	●	75	●
63,5		60,3	77,5	25	●	50	●	75	●
76,1	70	76,1	91,0	20	●	40	●	60	●
	85	88,9	106,0	20	●	40	●	60	●
101,6	104		119,0	17	●	35	●	50	●
		114,3	130,0	15	●	30	●	45	●
	129		144,0			30	●		
	129	139,7	155,0			30	●	40	●
	154		167,0	15	●	30	●	40	●
	154	168,3	183,0			25	●	40	●
	204		218,0			20	●		
	204	219,1	233,5			20	●	30	●
	254		268,0			16	●		
		273,0	286,0			16	●		
	304		319,0			10	●		
		323,9	338,5			10	●		

Clampringe med 3.1 certifikat

8861
13GH single pin
(H-hængslet)

9865
13EU double pin
(som Type SH)

9866
13MHP
High Pressure

INOX Nr.
Type

Clampkrave dimensioner			Flange Ø	Max	AISI	Max	AISI	Max	AISI
DS/SMS	DIN	ISO	mm	Bar	304	Bar	316L	Bar	304
	6-18 (mini)	17,2	25,4	20	●	50	●	75	○
	13-23		34,0	20	●	50	●	75	○
25-38	29-41	21,3-33,7	50,5	20	●	50	●	70	○
51	53	42,4-48,3	64,0	20	●	50	●	70	○
63,5		60,3	77,5	15	●	50	●	70	○
76,1	70	76,1	91,0	10	●	40	●	55	○
	85	88,9	106,0	10	●	40	●	55	○
101,6	104		119,0	10	●	35	●	45	○
		114,3	130,0	8	●	30	●	40	○
	129	139,7	155,0	8	●	30	●	30	○
	154	168,3	183,0	6	●	25	●	25	○
	204	219,1	233,5	4	●	20	●	20	○

Overflade max Ra 0,8 my – alle pakninger er FDA godkendt

Clampkraver og pakninger

INOX nr. 9862 8863

ISO 2852 / SMS 3017

D x T	Flange Ø	Højde	316L	Pakninger NBR	EPDM	VITON	VMQ	PTFE	PTFE+FPM	PTFE+EDPM
25,6 x 1,5	50,5	21,5	●	●	●	●	●	●	●	●
38,6 x 1,5	50,5	21,5	●	●	●	●	●	●	●	●
51,6 x 1,5	64,0	21,5	●	●	●	●	●	●	●	●
64,1 x 1,9	77,5	21,5	●	●	●	●	●	●	●	●
76,7 x 1,9	91,0	21,5	●	●	●	●	●	●	●	●
102,5 x 2,45	119,0	21,5	●	●	●	●	●	●	●	●

DS / SMS 3008

D x T	Flange Ø	Højde	316L	Pakninger NBR	EPDM	VITON	VMQ	PTFE	PTFE+FPM	PTFE+EDPM
25,0 x 1,2	50,5	21,5 / 28,6	●/●	●	●	●	●	●	●	●
38,0 x 1,2	50,5	21,5 / 28,6	●/●	●	●	●	●	●	●	●
51,0 x 1,2	64,0	21,5 / 28,6	●/●	●	●	●	●	●	●	●
63,5 x 1,6	77,5	21,5 / 28,6	●/●	●	●	●	●	●	●	●
76,1 x 1,6	91,0	21,5 / 28,6	●/○	●	●	●	●	●	●	●
76,1 x 2,0	91,0	21,5 / 28,6	●/●	●	●	●	●	●	●	●
101,6 x 2,0	119,0	21,5 / 28,6	●/●	●	●	●	●	●	●	●

DIN 32676

D x T	Flange Ø	Højde	316L	Pakninger NBR	EPDM	VITON	VMQ	PTFE	PTFE+FPM	PTFE+EDPM
13,0 x 1,5	34,0	18,0	●	○	●	●	○	●	○	○
19,0 x 1,5	34,0	18,0	●	○	●	●	○	●	○	○
23,0 x 1,5	34,0	18,0	●	○	●	●	○	○	○	○
29,0 x 1,5	50,5	21,5	●	○	●	●	○	●	○	○
35,0 x 1,5	50,5	21,5	●	○	●	●	○	○	○	○
41,0 x 1,5	50,5	21,5	●	○	●	●	○	●	○	○
53,0 x 1,5	64,0	21,5	●	○	●	●	○	●	○	○
70,0 x 2,0	91,0	28,0	●	○	●	●	○	●	○	○
85,0 x 2,0	106,0	28,0	●	○	●	●	○	●	○	○
104,0 x 2,0	119,0	28,0	●	○	●	●	○	●	○	○
129,0 x 2,0	155,0	28,0	●	○	●	○	○	●	○	○
154,0 x 2,0	183,0	28,0	●	○	●	○	○	○	●	○
204,0 x 2,0	233,5	28,0	●	○	●	○	○	○	●	○

● = lagerdimension ○ = værkslager / skaffevare

Alle lagerførte pakninger er med læbe. Pakninger uden læbe er skaffevare.

Fortsættes side 14

04 Unioner & Clamps

INOX

Overflade max Ra 0,8 my – alle pakninger er FDA godkendt

Clampkraver og pakninger

INOX nr. 9862 8863

DIN (ikke standard)

D x T	Flange Ø	Højde	316L	Pakninger NBR	EPDM	VITON	VMQ	PTFE	PTFE+FPM	PTFE+EDPM
129,0 x 2,0	144,0	28,0	●	○	●	○	○	○	○	○
154,0 x 2,0	167,0	28,0	●	○	●	○	○	○	○	○
204,0 x 2,0	218,0	28,0	●	○	●	○	○	○	○	○
254,0 x 2,0	268,0	28,0	●	○	●	○	○	○	○	○
304,0 x 2,0	319,0	28,0	●	○	●	○	○	○	○	○

ISO 1127

D x T	Flange Ø	Højde	316L	Pakninger NBR	EPDM	VITON	VMQ	PTFE	PTFE+FPM	PTFE+EDPM
13,5 x 1,6	25,4	21,5	●	○	●	○	○	○	○	○
13,5 x 1,6	50,5	21,5	○	○	○	○	○	○	○	○
17,2 x 1,6	25,4	21,5	●	○	●	●	○	○	●	○
17,2 x 1,6	50,5	21,5	●	○	●	○	○	○	○	○
21,3 x 1,6	50,5	21,5	●	○	●	●	○	●	●	○
26,9 x 2,0	50,5	21,5	●	○	●	●	○	●	●	○
33,7 x 2,0	50,5	21,5	●	○	●	●	○	●	●	○
42,4 x 2,0	64,0	21,5	●	○	●	●	○	●	●	○
48,3 x 2,0	64,0	21,5	●	○	●	●	○	●	●	○
60,3 x 2,0	77,5	21,5/28,0	●/○	○	●	●	○	●	●	○
76,1 x 2,0	91,0	21,5/28,0	●/○	●	●	●	●	●	●	●
88,9 x 2,0	106,0	21,5/28,0	●/○	○	●	●	○	●	●	○
114,3 x 2,0	130,0	28,0	●	○	●	●	○	●	●	○
139,7 x 2,0	155,0	28,0	●	○	●	○	○	●	●	○
168,3 x 2,6	183,0	28,0	●	○	●	○	○	●	●	○
219,1 x 2,6	233,5	28,0	●	○	●	○	○	●	○	○
273,0 x 2,6	286,0	28,0	●	○	●	○	○	○	○	○
323,9 x 2,6	338,5	28,0	●	○	●	○	○	○	○	○

MINI

D x T	Flange Ø	Højde	316L	Pakninger NBR	EPDM	VITON	VMQ	PTFE	PTFE+FPM	PTFE+EDPM
6,0 x 1,0	25,4	21,5	●	○	●	○	○	○	○	○
8,0 x 1,0	25,4	21,5	●	○	●	○	○	○	○	○
10,0 x 1,0	25,4	21,5	●	○	●	●	○	●	○	○
12,0 x 1,0	25,4	21,5	●	○	●	●	○	●	○	○
14,0 x 1,0	25,4	21,5	●	○	●	●	○	●	○	○
16,0 x 1,0	25,4	21,5	●	○	●	●	○	●	○	○
18,0 x 1,0	25,4	21,5	●	○	●	●	○	●	○	●

● = lagerdimension ○ = værkslager / skaffevare

Alle lagerførte pakninger er med læbe. Pakninger uden læbe er skaffevare.

04 Unioner & Clamps

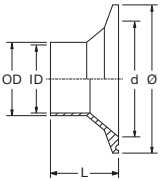
INOX

Overflade max Ra 0,8 my – alle pakninger er FDA godkendt

Clampkraver og pakninger

INOX nr. 9862 8863

ASME D x T	Flange Ø	Højde	316L	Pakninger NBR	EPDM	VITON	VMQ	PTFE	PTFE+FPM	PTFE+EDPM
6,35 x 0,89	25,4	21,5	○	○	○	○	○	○	○	○
9,53 x 0,89	25,4	21,5	○	○	○	○	○	○	○	○
12,7 x 1,65	25,4	21,5	●	○	●	○	○	○	○	○
19,05 x 1,65	25,4	21,5	●	○	●	○	○	○	○	○
25,4 x 1,65	50,5	21,5	○	○	○	○	○	○	○	○
38,1 x 1,65	50,5	21,5	○	○	○	○	○	○	○	○
50,8 x 1,65	64,0	28,0	○	○	○	○	○	○	○	○
63,5 x 1,65	77,5	28,0	○	○	○	○	○	○	○	○
76,2 x 1,65	91,0	28,0	○	○	○	○	○	○	○	○
101,6 x 2,1	119,0	28,0	○	○	○	○	○	○	○	○



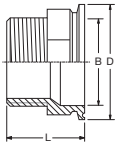
Clampkrave, reduceret DS/SMS/ISO

INOX Nr. 9869

Dim. mm	Flange Ø	Flange d	Clamp OD	Clamp T	Clamp ID	Højde L	316L
38,0 / 25,0	50,5	35,6	25,0	1,2	22,6	21,5	●
51,0 / 25,0	64,0	48,6	25,0	1,2	22,6	21,5	●
51,0 / 38,0	64,0	48,6	38,0	1,2	35,6	21,5	●
63,5 / 38,0	77,5	60,3	38,0	1,2	35,6	21,5	●
63,5 / 51,0	77,5	60,3	51,0	1,2	48,6	21,5	●
76,1 / 51,0	91,0	72,9	51,0	1,2	48,6	28,0	●
76,1 / 63,5	91,0	72,9	63,5	1,6	60,3	28,0	●
101,6 / 76,1	119,0	97,6	76,1	1,6	72,9	28,0	●

● = lagerdimension ○ = værkslager / skaffevare

Alle lagerførte pakninger er med læbe. Pakninger uden læbe er skaffevare.

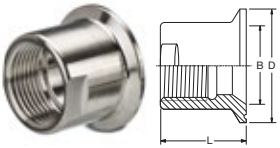


Clampkrave udvendig BSPT gevind

INOX Nr. 9867

Passer med clampkrave DS/SMS	MINI	Udv. gevind BSPT	Dimension (mm) Flange D	Indv. B	Længde L	AISI 316L
	10 mm	1/8"	25,4	8,0	25	●
	12 mm	1/4"	25,4	10,0	25	●
		1/4"	25,4	16,0	25	●
	18 mm	3/8"	25,4	16,0	25	●
		1/2"	25,4	16,0	30	●
		1/4"	50,5	22,6	30	●
		3/8"	50,5	22,6	30	●
25 mm		1/2"	50,5	22,6	30	●
		3/4"	50,5	22,6	30	●
		1"	50,5	22,6	35	●
		1/4"	50,5	35,6	35	●
		3/8"	50,5	35,6	35	●
		1/2"	50,5	35,6	35	●
38 mm		3/4"	50,5	35,6	35	●
		1"	50,5	35,6	35	●
		1 1/4"	50,5	35,6	40	●
		1 1/2"	50,5	35,6	40	●
		1/2"	64,0	47,6	35	●
		3/4"	64,0	47,6	40	●
		1"	64,0	47,6	40	●
51 mm		1 1/4"	64,0	47,6	40	●
		1 1/2"	64,0	47,6	40	●
		2"	64,0	47,6	45	●
63,5 mm		2 1/2"	77,5	60,3	45	●
76,1 mm		3"	91,0	72,9	50	●
101,6 mm		4"	119,0	97,6	55	●

● = lagerdimension ○ = værkslager / skaffevare

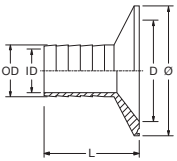


Clampkrave Indvendig BSPP gevind

INOX Nr. 9868

Passer med clampkrave		Indv. gevind	Dimension (mm)			AISI 316L
DS/SMS	**MINI**	**BSPP**	**Flange D**	**Indv. B**	**Længde L**	
	10 mm	1/8"	25,4	8,0	25	●
	12 mm	1/4"	25,4	10,0	25	●
		1/4"	25,4	16,0	25	●
	18 mm	3/8"	25,4	16,0	25	●
		1/2"	25,4	16,0	25	●
		1/4"	50,5	22,6	25	●
		3/8"	50,5	22,6	25	●
25 mm		1/2"	50,5	22,6	25	●
		3/4"	50,5	22,6	25	●
		1"	50,5	22,6	25	●
		1/4"	50,5	35,6	35	●
		3/8"	50,5	35,6	30	●
		1/2"	50,5	35,6	30	●
38 mm		3/4"	50,5	35,6	30	●
		1"	50,5	35,6	35	●
		1 1/4"	50,5	35,6	35	●
		1 1/2"	50,5	35,6	35	●
		1/2"	64,0	47,6	35	●
		3/4"	64,0	47,6	30	●
		1"	64,0	47,6	35	●
51 mm		1 1/4"	64,0	47,6	35	●
		1 1/2"	64,0	47,6	25	●
		2"	64,0	47,6	35	●
63,5 mm		2 1/2"	77,5	60,3	35	●
76,1 mm		3"	91,0	72,9	40	●
101,6 mm		4"	119,0	97,6	50	●

● = lagerdimension ○ = værkslager / skaffevare



Clampkrave med slangestuds

INOX Nr. 9869

Passer med clampkrave		Dimension (mm)					AISI 316L
DS/SMS	**MINI**	**Studs OD**	**Studs ID**	**Flange Ø**	**Flange D**	**Længde L**	
	12 mm	6,4	3,4	25,4	10,0	32	○
		9,5	6,5	25,4	10,0	32	○
		12,7	9,7	25,4	10,0	32	●
	18 mm	6,4	3,4	25,4	16,0	32	○
		9,5	6,5	25,4	16,0	32	○
		12,7	9,7	25,4	16,0	32	●
		19,0	16,0	25,4	16,0	32	●
25 mm		6,4	3,4	50,5	22,5	40	○
		9,5	6,5	50,5	22,5	40	○
		12,7	9,7	50,5	22,5	40	○
		19,0	16,0	50,5	22,5	40	●
		26,0	23,0	50,5	22,5	40	●
38 mm		6,4	3,4	50,5	35,0	40	○
		9,5	6,5	50,5	35,0	40	○
		12,7	9,7	50,5	35,0	40	○
		19,0	16,0	50,5	35,0	40	○
		26,0	23,0	50,5	35,0	40	●
		38,1	35,0	50,5	35,0	40	●
51 mm		12,7	9,7	64,0	47,6	60	○
		19,0	16,0	64,0	47,6	60	○
		26,0	23,0	64,0	47,6	60	○
		38,1	35,0	64,0	47,6	60	●
		50,8	47,0	64,0	47,6	60	●
63,5 mm		63,5	60,5	77,5	60,5	60	○
76,1 mm		77,1	72,1	91,0	72,1	70	○
101,6 mm		101,6	97,6	119,0	97,6	86,5	○

● = lagerdimension ○ = værkslager / skaffevare

Clamp blindskiver

INOX Nr. 9864

Passer til rør (mm)			Flange Ø mm	T mm	316L
DS/SMS	DIN	ISO			
	6-18 (mini)	13,5-17,2	25,4	6	●
	13-23		34,0	6	●
25-38	29-41	21,3-33,7	50,5	7	●
51	53	42,4-48,3	64,0	7	●
63,5		60,3	77,5	7	●
76,1	70	76,1	91,0	7	●
	85	88,9	106,0	7	●
101,6	104		119,0	8	●
		114,3	130,0	8	●
	129		144,0	8	●
	129	139,7	155,0	8	●
	154		167,0	11	●
	154	168,3	183,0	11	●
	204		218,0	11	●
	204	219,1	233,5	11	●
	254		268,0	11	●
		273,0	286,0	11	●
	304		319,0	11	●
		323,9	338,5	11	●

● = lagerdimension ○ = værkslager / skaffevare

Guide til valg af pakninger

Valget af pakning afhænger af mediet, samt driftsbetingelserne.
Nedenstående oversigt er en general guide til valg af pakninger.

EPDM

God bestandighed mod mange organiske væsker, herunder syrer og lud. Især velegnet til CIP.
Ikke velegnet til mineralolier og fedt.
Temperaturområde fra -40°C til 150°C.

FPM (Viton)

Overordentlig stor bestandighed mod mineralolier, syrer, alifatiske-, aromatiske og klorerede kulbrinter, samt de mest benyttede kemikalier indenfor fødevareindustrien. Ikke egnet til damp og lud.
Temperaturområde fra -30°C til 200°C.

NBR

God bestandighed mod mineralolier, fedt, vand og ætylenglycol. Ikke velegnet til CIP.
Temperaturområde fra -40° til 100°C.

VMQ (Silikone)

God bestandighed mod de fleste medier, som benyttes i fødevareindustrien.
Ikke egnet til stærke syrer og baser.
Temperaturområde fra -60° til 200°C.

PTFE (Teflon)

Overordentlig stor bestandighed mod de fleste kemikalier. Tager blivende form og må derfor ikke overspændes.
Temperaturområde fra -100° til 250°C.

PTFE+ (Kuvert)

Overordentlig stor bestandighed mod de fleste kemikalier. Kuvertpakningen består af en PTFE kappe, som er i kontakt med mediet, samt en FPM (Viton) eller EPDM kerne som giver elasticitet.
Temperaturområde med FPM fra -30°C til 200°C.
Temperaturområde med EPDM fra -40°C til 140°C.

05 Flanger

05 Flanger

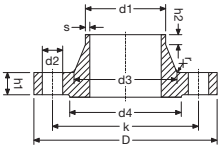
Flangepakninger DIN 2690 / EN 1514-1

INOX Nr.

Flange	Tryktrin	Pakning D x d		Tykkelse				6090U	6090ES	6090G	6090E	6090T	6090S
		flad	m/ stål	Universal A-NBR	EPDM m/ stål	Grafit-laminat	FDA godkendt	Universal A-NBR	EPDM m/ stål	Grafit-laminat	EPDM FDA	PTFE FDA	Silikone FDA
DN15	PN 10-40	50 x 22		1,5	4,0	2,0	2,0	●	●	●	●	●	●
DN20	PN 10-40	60 x 28		1,5	4,0	2,0	2,0	●	●	●	●	●	●
DN25	PN 10-40	70 x 35		1,5	4,0	2,0	2,0	●	●	●	●	●	●
DN32	PN 10-40	82 x 43		1,5	4,0	2,0	2,0	●	●	●	●	●	●
DN40	PN 10-40	92 x 49		1,5	4,0	2,0	2,0	●	●	●	●	●	●
DN50	PN 10-40	107 x 61		1,5	4,0	2,0	2,0	●	●	●	●	●	●
DN65	PN 10-40	127 x 77		1,5	4,0	2,0	2,0	●	●	●	●	●	●
DN80	PN 10-40	142 x 90	142 x 89	1,5	4,0	2,0	2,0	●	●	●	●	●	●
DN100	PN 10-16	162 x 115		1,5	5,0	2,0	2,0	●	●	●	●	●	●
DN125	PN 10-16	192 x 141		1,5	5,0	2,0	2,0	●	●	●	●	●	●
DN150	PN 10-16	218 x 169		1,5	5,0	2,0	2,0	●	●	●	●	●	●
DN200	PN 10-16	273 x 220		1,5	6,0	2,0	2,0	●	●	●	●	●	●
DN250	PN 10	330 x 274	328 x 274	1,5	6,0	2,0	2,0	●	●	●	○	○	○
DN300	PN 10	385 x 325	378 x 324	1,5	6,0	2,0	2,0	●	●	●	○	○	○
DN350	PN 10	445 x 368	438 x 356	1,5	7,0	2,0	2,0	●	●	●	○	○	○
DN400	PN 10	490 x 420	489 x 407	1,5	7,0	2,0	2,0	●	●	●	○	○	○
DN450	PN 10	540 x 470	539 x 458	1,5	7,0	2,0	2,0	●	●	○	○	○	○
DN500	PN 10	595 x 520	594 x 508	1,5	7,0	2,0	2,0	●	●	○	○	○	○
DN600	PN 10	696 x 620	695 x 610	1,5	7,0	2,0	2,0	●	●	○	○	○	○

● = lagerdimension ○ = få dages leveringstid
Pakninger efter specialmål eller med bolthuller kan leveres på få dage.

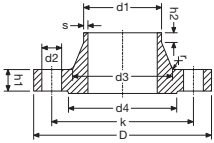
INOX Nr.	**Godkendelser**
6090U - Universal Aramid-NBR	BAM (Oxygen), DIN-DVGW DIN 3535-6, SVGW 3535-6, DVGW VP 401, DVGW KTW, DVGW W270, TA-Luft (VDI 440), WRAS, Germanische Lloyd og ABS EC 1935/2004 kategori 4, AGA 8140 G (Class III).
6090ES - EPDM m/ stålkerne	KTW (Drikkevand) og W270
6090G - Grafitlaminat	BAM (Oxygen), DIN-DVGW DIN 3535-6, DVGW VP 401, DVGW KTW, Germanische Lloyd og API 607
6090E - EPDM, FDA	FDA, 3-A hygieine standard Kl. III, EU1935/2004 og EU2023/2006
6090T - PTFE, FDA	FDA, TA-Luft, Blow-Out, Germanische Lloyd, ABS, EU1935/2004 og EU2023/2006
6090S - Silikone, FDA	FDA, EU1935/2004 og EU2023/2006



Flanger med krave EN 1092-1, Type 11B

Nom. dim.	d1 mm	Tryktrin	Flange D mm	b mm	k mm	h1	Ansats d3	s mm	r mm	h2 mm	Pakkefl. d4	f	Bolte Ant. stk.	Gev. M.	d2 mm	INOX nr.	EN 1.4307	EN 1.4404
ISO																		
DN 15	21,3	PN10/16/25/40	95	16	65	38	32	2,0	4	6	45	2	4	12	14	6035	●	●
DN 20	26,9	PN10/16/25/40	105	18	75	40	40	2,3	4	6	58	2	4	12	14	6035	●	●
DN 25	33,7	PN10/16/25/40	115	18	85	40	46	2,6	4	6	68	2	4	12	14	6035	●	●
DN 32	42,4	PN10/16/25/40	140	18	100	42	56	2,6	6	6	78	2	4	16	18	6035	●	●
DN 40	48,3	PN10/16/25/40	150	18	110	45	64	2,6	6	7	88	3	4	16	18	6035	●	●
DN 50	57,0	PN10/16	165	18	125	45	74	2,9	6	8	102	3	4	16	18	6030	○	●
DN 50	60,3	PN10/16	165	18	125	45	74	2,9	6	8	102	3	4	16	18	6030	●	●
DN 65	76,1	PN10/16	185	18	145	45	92	2,9	6	10	122	3	8	16	18	6030	●	●
DN 65-4h	76,1	PN10/16	185	18	145	45	92	2,9	6	10	122	3	4	16	18	6030	○	●
DN 80	88,9	PN10/16	200	20	160	50	105	3,2	8	10	138	3	8	16	18	6030	●	●
DN 100	114,3	PN10/16	220	20	180	52	131	3,6	8	12	158	3	8	16	18	6030	●	●
DN 125	139,7	PN10/16	250	22	210	55	156	4,0	8	12	188	3	8	16	18	6030	●	●
DN 150	168,3	PN10/16	285	22	240	55	184	4,5	10	12	212	3	8	20	22	6030	●	●
DN 50	60,3	PN25/40	165	20	125	48	75	2,9	6	8	102	3	4	16	18	6035	●	●
DN 65	76,1	PN25/40	185	22	145	52	90	2,9	6	10	122	3	8	16	18	6035	○	●
DN 80	88,9	PN25/40	200	24	160	58	105	3,2	8	12	138	3	8	16	18	6035	○	●
DN 100	114,3	PN25/40	235	24	190	65	134	3,6	8	12	162	3	8	20	22	6035	○	●
DN 125	139,7	PN25/40	270	26	220	68	162	4,0	8	12	188	3	8	24	26	6035	○	●
DN 150	168,3	PN25/40	300	28	250	75	192	4,5	10	12	218	3	8	24	26	6035	○	●
DN 200	219,1	PN 10	340	24	295	62	234	6,3	10	16	268	3	8	20	22	6029	●	●
DN 250	273,0	PN 10	395	26	350	68	292	6,3	12	16	320	3	12	20	22	6029	●	●
DN 300	323,9	PN 10	445	26	400	68	342	7,1	12	16	370	4	12	20	22	6029	●	●
DN 350	355,6	PN 10	505	26	460	68	385	7,1	12	16	430	4	16	20	22	6029	●	●
DN 400	406,4	PN 10	565	26	515	72	440	7,1	12	16	482	4	16	24	26	6029	●	●
DN 200	219,1	PN16	340	24	295	62	235	6,3	10	16	268	3	12	20	22	6030	●	●
DN 250	273,0	PN16	405	26	355	70	292	6,3	12	16	320	3	12	24	26	6030	●	●
DN 300	323,9	PN16	460	28	410	78	344	7,1	12	16	378	4	12	24	26	6030	●	●
DN 350	355,6	PN16	520	30	470	82	390	8,0	12	16	438	4	16	24	26	6030	●	●
DN 400	406,4	PN16	580	32	525	85	445	8,0	12	16	490	4	16	27	30	6030	●	●

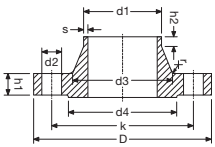
● = lagerdimension ○ = værkslager / skaffevare



Flanger med krave EN 1092-1, Type 11B

Nom. dim.	d1 mm	Tryktrin	Flange D mm	b mm	k mm	h1	Ansats d3	s mm	r mm	h2 mm	Pakkefl. d4	f	Bolte Ant. stk.	Gev. M.	d2 mm	INOX nr.	EN 1.4307	EN 1.4404
DIN/Metrisk																		
DN 20	25,0	PN10/16/25/40	105	18	75	40	40	1,5	4	6	58	2	4	12	14	6035	○	●
DN 32	35,0	PN10/16/25/40	140	18	100	42	56	1,5	6	6	78	2	4	16	18	6035	○	●
DN 32	38,0	PN10/16/25/40	140	18	100	42	56	1,5	6	6	78	2	4	16	18	6035	○	●
DN 40	44,5	PN10/16/25/40	150	18	110	45	64	2,0	6	7	88	3	4	16	18	6035	○	●
DN 50	54,0	PN10/16	165	18	125	45	74	2,0	6	8	102	3	4	16	18	6030	○	●
DN 65-4h	70,0	PN10/16	185	18	145	45	92	2,0	6	10	122	3	4	16	18	6030	○	●
DN 65	70,0	PN10/16	185	18	145	45	92	2,0	6	10	122	3	8	16	18	6030	○	●
DN 80	84,0	PN10/16	200	20	160	50	105	2,0	8	10	138	3	8	16	18	6030	○	●
DN 100	104,0	PN10/16	220	20	180	52	131	2,0	8	12	158	3	8	16	18	6030	○	●
DN 125	129,0	PN10/16	250	22	210	55	156	2,0	8	12	188	3	8	16	18	6030	○	●
DN 150	154,0	PN10/16	285	22	240	55	184	2,0	10	12	212	3	8	20	22	6030	○	●
DN 200	204,0	PN10	340	24	295	62	234	2,0	10	16	268	3	8	20	22	6029	○	●
DN 200	206,0	PN10	340	24	295	62	234	3,0	10	16	268	3	8	20	22	6029	○	●
DN 250	256,0	PN10	395	26	350	68	292	3,0	12	16	320	3	12	20	22	6029	○	●
DN 300	306,0	PN10	445	26	400	68	342	3,0	12	16	370	4	12	20	22	6029	○	●

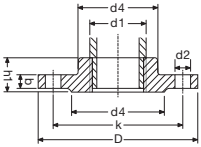
● = lagerdimension ○ = værkslager / skaffevare



Flanger med krave EN 1092-1, Type 11B

Nom. dim.	d1 mm	Tryktrin	Flange D mm	b mm	k mm	h1	d3	Ansats s mm	r mm	h2 mm	Pakke-flange d4	f	Bolte Ant. stk.	Gev. M.	d2 mm	INOX nr.	EN 1.4307	EN 1.4404
DS/SMS																		
DN 20	25,0	PN 10/16/25/40	105	18	75	40	40	1,5	4	6	58	2	4	12	14	6035	○	●
DN 32	38,0	PN 10/16/25/40	140	18	100	42	56	1,5	6	6	78	2	4	16	18	6035	○	●
DN 50	51,0	PN 10/16	165	18	125	45	74	1,5	6	8	102	3	4	16	18	6030	○	●
DN 65	63,5	PN 10/16	185	18	145	45	92	2,0	6	10	122	3	4	16	18	6030	○	●
DN 65	76,1	PN 10/16	185	18	145	45	92	2,0	6	10	122	3	8	16	18	6030	○	●
DN 100	101,6	PN 10/16	220	20	180	52	131	2,0	8	12	158	3	8	16	18	6030	○	●
DIN 11850																		
DN 10	13,0	PN10/16/25/40	90	16	60	35	28	1,5	4	6	40	2	4	12	14	6035	○	●
DN 15	19,0	PN10/16/25/40	95	16	65	38	32	1,5	4	6	45	2	4	12	14	6035	○	●
DN 20	23,0	PN10/16/25/40	105	18	75	40	40	1,5	4	6	58	2	4	12	14	6035	○	●
DN 25	29,0	PN10/16/25/40	115	18	85	40	46	1,5	4	6	68	2	4	12	14	6035	○	●
DN 32	35,0	PN10/16/25/40	140	18	100	42	56	1,5	6	6	78	2	4	16	18	6035	○	●
DN 40	41,0	PN10/16/25/40	150	18	110	45	64	1,5	6	7	88	3	4	16	18	6035	○	●
DN 50	53,0	PN10/16	165	18	125	45	74	1,5	6	8	102	3	4	16	18	6030	○	●
DN 65-4h	70,0	PN10/16	185	18	145	45	92	2,0	6	10	122	3	4	16	18	6030	○	●
DN 65	70,0	PN10/16	185	18	145	45	92	2,0	6	10	122	3	8	16	18	6030	○	●
DN 80	85,0	PN10/16	200	20	160	50	105	2,0	8	10	138	3	8	16	18	6030	○	●
DN 100	104,0	PN10/16	220	20	180	52	131	2,0	8	12	158	3	8	16	18	6030	○	●
DN 125	129,0	PN10/16	250	22	210	55	156	2,0	8	12	188	3	8	16	18	6030	○	●
DN 150	154,0	PN10/16	285	22	240	55	184	2,0	10	12	212	3	8	20	22	6030	○	●
DN 200	204,0	PN10	340	24	295	62	234	2,0	10	16	268	3	8	20	22	6029	○	●

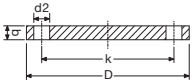
● = lagerdimension ○ = værkslager / skaffevare



Gevindflanger EN 1092-1, Type 13B

Nom. dim.	d1 mm ≈	Tryktrin	Flange D mm	b mm	k mm	h1 mm	Ansats d3 mm	Pakkeflange d4 mm	f mm	Bolte Ant. stk.	M	d2 mm	INOX Nr.	EN 1.4307	EN 1.4404
1/2"	21,3	PN10/16/25/40	95	16	65	22	35	45	2	4	12	14	6010	○	●
3/4"	26,9	PN10/16/25/40	105	16	75	26	45	58	2	4	12	14	6010	○	●
1"	33,7	PN10/16/25/40	115	18	85	28	52	68	2	4	12	14	6010	○	●
1 1/4"	42,4	PN10/16/25/40	140	18	100	30	60	78	2	4	16	18	6010	○	●
1 1/2"	48,3	PN10/16/25/40	150	18	110	32	70	88	3	4	16	18	6010	○	●
2"	60,3	PN10/16	165	18	125	28	85	102	3	4	16	18	6010	○	●
2 1/2"	76,1	PN10/16	185	18	145	32	105	122	3	8	16	18	6010	○	●
3"	88,9	PN10/16	200	20	160	34	118	138	3	8	16	18	6010	○	●
4"	114,3	PN10/16	220	20	180	40	140	158	3	8	16	18	6010	○	●

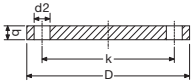
● = lagerdimension ○ = værkslager / skaffevare



Blindflanger EN 1092-1, Type 05A

Nom. dim.	Tryktrin	Flange D mm	b mm	k mm	Bolte Antal	M	d2 mm	INOX nr.	EN 1.4307	EN 1.4404
DN 15	PN10/16/25/40	95	16	65	4	12	14	6006	●	●
DN 20	PN10/16/25/40	105	18	75	4	12	14	6006	●	●
DN 25	PN10/16/25/40	115	18	85	4	12	14	6006	●	●
DN 32	PN10/16/25/40	140	18	100	4	16	18	6006	●	●
DN 40	PN10/16/25/40	150	18	110	4	16	18	6006	●	●
DN 50	PN10/16	165	18	125	4	16	18	6000	●	●
DN 65	PN10/16	185	18	145	8	16	18	6000	●	●
DN 65 - 4 h.	PN10/16	185	18	145	4	16	18	6000	○	●
DN 80	PN10/16	200	20	160	8	16	18	6000	●	●
DN 100	PN10/16	220	20	180	8	16	18	6000	●	●
DN 125	PN10/16	250	22	210	8	16	18	6000	●	●
DN 150	PN10/16	285	22	240	8	20	22	6000	●	●
DN 50	PN25/40	165	20	125	4	16	18	6006	○	●
DN 65	PN25/40	185	22	145	8	16	18	6006	○	●
DN 80	PN25/40	200	24	160	8	16	18	6006	○	●
DN 100	PN25/40	235	24	190	8	20	22	6006	○	●
DN 125	PN25/40	270	26	220	8	24	26	6006	○	●
DN 150	PN25/40	300	28	250	8	24	26	6006	○	●
DN 200	PN10	340	24	295	8	20	22	6005	●	●
DN 250	PN10	395	26	350	12	20	22	6005	●	●
DN 300	PN10	445	26	400	12	20	22	6005	●	●
DN 350	PN10	505	26	460	16	20	22	6005	●	●
DN 400	PN10	565	26	515	16	24	26	6005	●	●
DN 200	PN16	340	24	295	12	20	22	6000	●	●
DN 250	PN16	405	26	355	12	24	26	6000	○	●
DN 300	PN16	460	28	410	12	24	26	6000	○	●
DN 350	PN16	520	30	470	16	24	26	6000	○	●
DN 400	PN16	580	32	525	16	27	30	6000	○	●

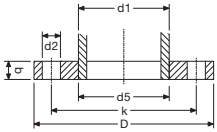
● = lagerdimension ○ = værkslager / skaffevare



Blindflanger, reduceret godstykkelse EN 1092-1, Type 05A

Nom. dim.	Dimensioner efter	Flange D mm	b mm	k mm	Bolte Antal	M	d2 mm	INOX nr.	EN 1.4307	EN 1.4404
DN 50	PN10	165	**10**	125	4	16	18	6000	○	●
DN 65	PN10	185	**10**	145	8	16	18	6000	○	●
DN 65 - 4 h.	PN10	185	**10**	145	4	16	18	6000	○	●
DN 80	PN10	200	**10**	160	8	16	18	6000	○	●
DN 100	PN10	220	**10**	180	8	16	18	6000	○	●
DN 125	PN10	250	**12**	210	8	16	18	6000	○	●
DN 150	PN10	285	**12**	240	8	20	22	6000	○	●
DN 200	PN10	340	**12**	295	8	20	22	6000	○	●
DN 250	PN10	395	**15**	350	12	20	22	6000	○	●
DN 300	PN10	445	**15**	400	12	20	22	6000	○	●
DN 350	PN10	505	**15**	460	16	20	22	6000	○	●
DN 400	PN10	565	**15**	515	16	24	26	6000	○	●
DN 500	PN10	670	**15**	620	20	24	26	6000	○	●
DN 600	PN10	780	**20**	725	20	27	30	6000	○	●

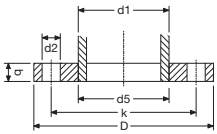
● = lagerdimension ○ = værkslager / skaffevare



Påsvejsningsflanger EN 1092-1, Type 01A

			Flange				Bolte					
Nom. dim.	**d1 mm**	**Tryktrin**	**d5 mm**	**D mm**	**b mm**	**k mm**	**Antal stk.**	**M**	**d2 mm**	INOX nr.	**EN 1.4307**	**EN 1.4404**
ISO												
DN 40	48,3	PN6	49,5	130	16	100	4	12	14	6015	○	●
DN 50	60,3	PN6	61,5	140	16	110	4	12	14	6015	○	●
DN 65	76,1	PN6	77,5	160	16	130	4	12	14	6015	○	●
DN 80	88,9	PN6	90,5	190	18	150	4	16	18	6015	○	●
DN 100	114,3	PN6	116,0	210	18	170	4	16	18	6015	○	●
DN 125	139,7	PN6	141,5	240	20	200	8	16	18	6015	○	●
DN 150	168,3	PN6	170,5	265	20	225	8	16	18	6015	○	●
DN 200	219,1	PN6	221,5	320	22	280	8	16	18	6015	○	●
DN 15	21,3	PN10/16/25/40	22,0	95	14	65	4	12	14	6020	●	●
DN 20	26,9	PN10/16/25/40	27,5	105	16	75	4	12	14	6020	●	●
DN 25	33,7	PN10/16/25/40	34,5	115	16	85	4	12	14	6020	●	●
DN 32	42,4	PN10/16/25/40	43,5	140	18	100	4	16	18	6020	●	●
DN 40	48,3	PN10/16/25/40	49,5	150	18	110	4	16	18	6020	●	●
DN 50	60,3	PN10/16	61,5	165	20	125	4	16	18	6020	●	●
DN 65	76,1	PN10/16	77,5	185	20	145	8	16	18	6020	●	●
DN 65-4h	76,1	PN10/16	77,5	185	20	145	4	16	18	6020	○	●
DN 80	88,9	PN10/16	90,5	200	20	160	8	16	18	6020	●	●
DN 100	114,3	PN10/16	116,0	220	22	180	8	16	18	6020	●	●
DN 125	139,7	PN10/16	141,5	250	22	210	8	16	18	6020	●	●
DN 150	168,3	PN10/16	170,5	285	24	240	8	20	22	6020	●	●
DN 200	219,1	PN10	221,5	340	24	295	8	20	22	6020	●	●
DN 200	219,1	PN16	221,5	340	26	295	12	20	22	6020	●	●
DN 250	273,0	PN10	276,5	395	26	350	12	20	22	6020	●	●
DN 300	323,9	PN10	327,5	445	26	400	12	20	22	6020	●	●
DN 350	355,6	PN10	359,5	505	30	460	16	20	22	6020	●	●
DN 400	406,4	PN10	411,0	565	32	515	16	24	26	6020	●	●

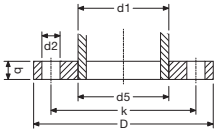
● = lagerdimension ○ = værkslager / skaffevare



Påsvejsningsflanger EN 1092-1, Type 01A

			Flange				Bolte					
Nom. dim.	**d1 mm**	**Tryktrin**	**d5 mm**	**D mm**	**b mm**	**k mm**	**Antal stk.**	**M**	**d2 mm**	INOX nr.	**EN 1.4307**	**EN 1.4404**
DIN/Metrisk												
DN 20	25,0	PN10/16/25/40	26,0	105	16	75	4	12	14	6025	○	●
DN 25	30,0	PN10/16/25/40	31,0	115	16	85	4	12	14	6025	○	●
DN 32	35,0	PN10/16/25/40	36,0	140	18	100	4	16	18	6025	○	●
DN 32	38,0	PN10/16/25/40	39,0	140	18	100	4	16	18	6025	○	●
DN 40	44,5	PN10/16/25/40	45,5	150	18	110	4	16	18	6025	○	●
DN 50	54,0	PN10/16	55,0	165	20	125	4	16	18	6025	○	●
DN 65	70,0	PN10/16	71,0	185	20	145	4	16	18	6025	○	●
DN 80	84,0	PN10/16	85,5	200	20	160	8	16	18	6025	○	●
DN 100	104,0	PN10/16	105,5	220	22	180	8	16	18	6025	○	●
DN 125	129,0	PN10/16	130,5	250	22	210	8	16	18	6025	○	●
DN 150	154,0	PN10/16	155,5	285	24	240	8	20	22	6025	○	●
DN 200	204,0	PN10	205,5	340	24	295	8	20	22	6025	○	●
DN 200	206,0	PN10	207,5	340	24	295	8	20	22	6025	○	●
DN 250	254,0	PN10	257,0	395	26	350	12	20	22	6025	○	●
DN 250	256,0	PN10	259,0	395	26	350	12	20	22	6025	○	●
DN 300	304,0	PN10	307,0	445	26	400	12	20	22	6025	○	●
DN 300	306,0	PN10	309,0	445	26	400	12	20	22	6025	○	●

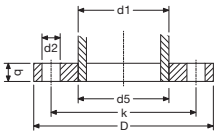
● = lagerdimension ○ = værkslager / skaffevare



Påsvejsningsflanger EN 1092-1, Type 01A

			Flange				Bolte					
Nom. dim.	**d1 mm**	**Tryktrin**	**d5 mm**	**D mm**	**b mm**	**k mm**	**Antal stk.**	**M**	**d2 mm**	INOX nr.	**EN 1.4307**	**EN 1.4404**
DS/SMS												
DN 20	25,0	PN10/16/25/40	26,0	105	16	75	4	12	14	6025	○	●
DN 32	38,0	PN10/16/25/40	39,0	140	18	100	4	16	18	6025	○	●
DN 50	51,0	PN 10/16	52,0	165	20	125	4	16	18	6025	○	●
DN 65	63,5	PN 10/16	64,5	185	20	145	4	16	18	6025	○	●
DN 65-4h	76,1	PN 10/16	77,5	185	20	145	4	16	18	6020	○	●
DN 65	76,1	PN 10/16	77,5	185	20	145	8	16	18	6020	●	●
DN 100	101,6	PN 10/16	102,6	220	22	180	8	16	18	6025	○	●
DIN 11850												
DN 15	19,0	PN10/16/25/40	20,0	95	14	65	4	12	14	6025	○	●
DN 20	23,0	PN10/16/25/40	24,0	105	16	75	4	12	14	6025	○	●
DN 25	29,0	PN10/16/25/40	30,0	115	16	85	4	12	14	6025	○	●
DN 32	35,0	PN10/16/25/40	36,0	140	18	100	4	16	18	6025	○	●
DN 40	41,0	PN10/16/25/40	42,0	150	18	110	4	16	18	6025	○	●
DN 50	53,0	PN10/16	54,0	165	20	125	4	16	18	6025	○	●
DN 65	70,0	PN10/16	71,5	185	20	145	4	16	18	6025	○	●
DN 80	85,0	PN10/16	85,5	200	20	160	8	16	18	6025	○	●
DN 100	104,0	PN10/16	105,5	220	22	180	8	16	18	6025	○	●
DN 125	129,0	PN10/16	130,5	250	22	210	8	16	18	6025	○	●
DN 150	154,0	PN10/16	155,5	285	24	240	8	20	22	6025	○	●
DN 200	204,0	PN10	205,5	340	24	295	8	20	22	6025	○	●

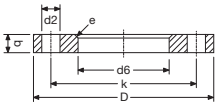
● = lagerdimension ○ = værkslager / skaffevare



Påsvejsningsflanger, reduceret godstykkelse EN 1092-1, Type 01A

			Flange				Bolte					
Nom. dim.	**d1 mm**	**Dimensioner efter**	**d5 mm**	**D mm**	**b mm**	**k mm**	**Antal stk.**	**M**	**d2 mm**	INOX nr.	**EN 1.4307**	**EN 1.4404**
ISO												
DN 50	60,3	PN10	61,5	165	**10**	125	4	16	18	6020	●	●
DN 65	76,1	PN10	77,5	185	**10**	145	8	16	18	6020	●	●
DN 65-4h	76,1	PN10	77,5	185	**10**	145	4	16	18	6020	○	●
DN 80	88,9	PN10	90,5	200	**10**	160	8	16	18	6020	●	●
DN 100	114,3	PN10	116,0	220	**10**	180	8	16	18	6020	●	●
DN 125	139,7	PN10	141,5	250	**12**	210	8	16	18	6020	●	●
DN 150	168,3	PN10	170,5	285	**12**	240	8	20	22	6020	●	●
DN 200	219,1	PN10	221,5	340	**12**	295	8	20	22	6020	●	●
DN 250	273,0	PN10	276,5	395	**15**	350	12	20	22	6020	●	●
DN 300	323,9	PN10	327,5	445	**15**	400	12	20	22	6020	●	●
DN 350	355,6	PN10	359,5	505	**15**	460	16	20	22	6020	●	●
DN 400	406,4	PN10	411,0	565	**15**	515	16	24	26	6020	●	●
DN 500	508,0	PN10	513,5	670	**15**	620	20	24	26	6020	○	●
DN 600	609,6	PN10	616,5	780	**20**	725	20	27	30	6020	○	●
DIN/Metrisk												
DN 100	104,0	PN10	105,5	220	**10**	180	8	16	18	6025	○	●
DN 125	129,0	PN10	130,5	250	**10**	210	8	16	18	6025	○	●
DN 150	154,0	PN10	155,5	285	**12**	240	8	20	22	6025	○	●
DN 200	204,0	PN10	205,5	340	**12**	295	8	20	22	6025	○	●
DN 250	254,0	PN10	257,0	395	**15**	350	12	20	22	6025	○	●

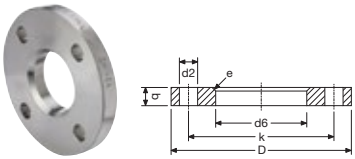
● = lagerdimension ○ = værkslager / skaffevare



Løsflanger EN 1092-1, Type 02A

Nom. dim.	d1 mm	Tryktrin	Flange D mm	d6 mm	b mm	k mm	e mm	Bolte Ant. stk.	M	d2 mm	INOX nr.	EN 1.4307	EN 1.4404
ISO													
DN 15	21,3	PN10/16/25/40	95	25	14	65	3	4	12	14	6040	●	●
DN 20	26,9	PN10/16/25/40	105	31	14	75	4	4	12	14	6040	●	●
DN 25	33,7	PN10/16/25/40	115	38	16	85	4	4	12	14	6040	●	●
DN 32	42,4	PN10/16/25/40	140	47	18	100	5	4	16	18	6040	●	●
DN 40	48,3	PN10/16/25/40	150	53	18	110	5	4	16	18	6040	●	●
DN 50	60,3	PN10/16	165	65	20	125	5	4	16	18	6040	●	●
DN 65	76,1	PN10/16	185	81	20	145	6	8	16	18	6040	●	●
DN 65-4h	76,1	PN10/16	185	81	20	145	6	4	16	18	6040	○	●
DN 80	88,9	PN10/16	200	94	20	160	6	8	16	18	6040	●	●
DN 100	114,3	PN10/16	220	120	22	180	6	8	16	18	6040	●	●
DN 125	139,7	PN10/16	250	145	22	210	6	8	16	18	6040	●	●
DN 150	168,3	PN10/16	285	174	24	240	6	8	20	22	6040	●	●
DN 200	219,1	PN10	340	226	24	295	6	8	20	22	6040	●	●
DN 200	219,1	PN16	340	226	26	295	6	12	20	22	6040	●	●
DN 250	273,0	PN10	395	281	26	350	8	12	20	22	6040	●	●
DN 300	323,9	PN10	445	333	26	400	8	12	20	22	6040	●	●
DN 350	355,6	PN10	505	365	30	460	8	16	20	22	6040	●	●
DN 400	406,4	PN10	565	416	32	515	8	16	24	26	6040	●	●
DIN/Metrisk													
DN 50	54-56	PN10/16	165	62	20	125	5	4	16	18	6045	○	●
DN 65	70-71	PN10/16	185	78	20	145	6	8	16	18	6045	○	●
DN 80	84-86	PN10/16	200	92	20	160	6	8	16	18	6045	○	●
DN 100	104-106	PN10/16	220	112	22	180	6	8	16	18	6045	○	●
DN 125	129-131	PN10/16	250	138	22	210	6	8	16	18	6045	○	●
DN 150	154-156	PN10/16	285	164	24	240	6	8	20	22	6045	○	●
DN 200	204-206	PN10	340	214	24	295	6	8	20	22	6045	○	●
DN 250	254-256	PN10	395	264	26	350	8	12	20	22	6045	○	●
DN 300	304-306	PN10	445	314	26	400	8	12	20	22	6045	○	●

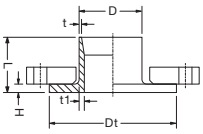
● = lagerdimension ○ = værkslager / skaffevare



Løsflanger, reduceret godstykkelse EN 1092-1, Type 01A

Nom. dim.	d1 mm	Dimensioner efter	Flange D mm	d6 mm	b mm	k mm	e mm	Bolte Ant. stk.	M	d2 mm	INOX nr.	EN 1.4307	EN 1.4404
ISO													
DN 50	60,3	PN10	165	65	**10**	125	5	4	16	18	6040	●	●
DN 65	76,1	PN10	185	81	**10**	145	6	8	16	18	6040	●	●
DN 65-4h	76,1	PN10	185	81	**10**	145	6	4	16	18	6040	○	●
DN 80	88,9	PN10	200	94	**10**	160	6	8	16	18	6040	●	●
DN 100	114,3	PN10	220	120	**10**	180	6	8	16	18	6040	●	●
DN 125	139,7	PN10	250	145	**12**	210	6	8	16	18	6040	●	●
DN 150	168,3	PN10	285	174	**12**	240	6	8	20	22	6040	●	●
DN 200	219,1	PN10	340	226	**12**	295	6	8	20	22	6040	●	●
DN 250	273,0	PN10	395	281	**15**	350	8	12	20	22	6040	●	●
DN 300	323,9	PN10	445	333	**15**	400	8	12	20	22	6040	●	●
DN 350	355,6	PN10	505	365	**15**	460	8	16	20	22	6040	●	●
DN 400	406,4	PN10	565	416	**15**	515	8	16	24	26	6040	●	●
DN 500	508,0	PN10	670	519	**15**	620	8	20	24	26	6040	○	●
DN 600	609,6	PN10	780	622	**20**	725	8	20	27	30	6040	○	●
DIN/Metrisk													
DN 100	104-106	PN10	220	112	**10**	180	6	8	16	18	6045	○	●
DN 125	129-131	PN10	250	138	**12**	210	6	8	16	18	6045	○	●
DN 150	154-156	PN10	285	164	**12**	240	6	8	20	22	6045	○	●
DN 200	204-206	PN10	340	214	**12**	295	6	8	20	22	6045	○	●
DN 250	254-256	PN10	395	264	**15**	350	8	12	20	22	6045	○	●
DN 300	304-306	PN10	445	314	**15**	400	8	12	20	22	6045	○	●

● = lagerdimension ○ = værkslager / skaffevare



Svejsering med krave EN1092-1, Type 35

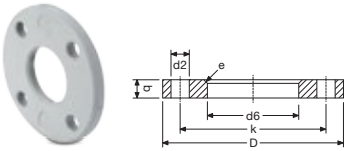
INOX Nr. 6041

DN	D	Tryktrin	Dt	t	t1	h	L	EN 1.4404
15	21,3	PN10/16/25/40	45	2	3	5	38	●
20	26,9	PN10/16/25/40	58	2	3	6	40	●
25	33,7	PN10/16/25/40	68	2	3	7	40	●
32	42,4	PN10/16/25/40	78	2	3	8	42	●
40	48,3	PN10/16/25/40	88	2	3	8	45	●
50	60,3	PN10/16	102	2	3	8	45	●
50	60,3	PN40	102	2,6	4	10	48	●
65	76,1	PN10/16	122	2	4	8	45	●
65	76,1	PN40	122	2,6	5	11	52	●
80	88,9	PN10/16	138	2	4	10	50	●
80	88,9	PN40	138	2,6	6	12	58	●
100	114,3	PN10/16	158	2	4	10	52	●
100	114,3	PN40	162	3,2	6	14	65	●
125	139,7	PN10/16	188	2	5	10	55	●
125	139,7	PN40	188	3,2	6	16	68	●
150	168,3	PN10/16	212	2	6	10	55	●
150	168,3	PN40	218	4	8	18	75	●
200	219,1	PN10/16	268	2,6	6	11	62	●
250	273,0	PN16	320	3,2	8	12	70	●
300	323,9	PN10	370	3,2	8	12	68	●
300	323,9	PN16	378	4	10	14	78	●
350	355,6	PN10	430	3,2	8	13	68	●
350	355,6	PN16	438	4	10	18	82	●
400	406,4	PN10	482	3,2	8	14	68	●
400	406,4	PN16	490	5	12	20	85	●

● = lagerdimension ○ = værkslager / skaffevare

05 Flanger

EN1092-1, Type 02A, PN10, med epoxy RAL 7035



Løsflanger, aluminium

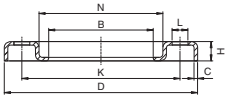
ISO

Nom. dim.	Udv. rørdim.	Flange D mm	Flange d6 mm	Flange b mm	Flange k mm	Bolte Antal stk.	Bolte Gevind M.	Bolte d2 mm	INOX nr.
DN 15	21,3	95	24	12	65	4	12	14	6050
DN 20	26,9	105	30	12	75	4	12	14	6050
DN 25	33,7	115	36	12	85	4	12	14	6050
DN 32	42,4	140	46	16	100	4	16	18	6050
DN 40	48,3	150	54	16	110	4	16	18	6050
DN 50	60,3	165	65	16	125	4	16	18	6050
DN 65	76,1	185	81	16	145	4	16	18	6050
DN 80	88,9	200	94	18	160	8	16	18	6050
DN 100	114,3	220	119	18	180	8	16	18	6050
DN 125	139,7	250	145	18	210	8	16	18	6050
DN 150	168,3	285	173	18	240	8	20	22	6050
DN 200	219,1	340	225	20	295	8	20	22	6050
DN 250	273,0	395	279	22	350	12	24	26	6050
DN 300	323,9	445	329	22	400	12	24	26	6050

DIN / Metrisk

Nom. dim.	Udv. rørdim.	Flange D mm	Flange d6 mm	Flange b mm	Flange k mm	Bolte Antal stk.	Bolte Gevind M.	Bolte d2 mm	INOX nr.
DN 32	38,0	140	42	16	100	4	16	18	6055
DN 40	44,5	150	48	16	110	4	16	18	6055
DN 50	54-56	165	60	16	125	4	16	18	6055
DN 65	70-71	185	75	16	145	4	16	18	6055
DN 80	84-86	200	90	18	160	8	16	18	6055
DN 100	104-106	220	111	18	180	8	16	18	6055
DN 125	129-131	250	136	18	210	8	16	18	6055
DN 150	154-156	285	161	18	240	8	20	22	6055
DN 200	204-206	340	212	20	295	8	20	22	6055
DN 250	254-256	395	264	22	350	12	20	22	6055
DN 300	304-306	445	315	22	400	12	20	22	6055
DN 350	356-358	505	362	22	460	16	20	22	6055
DN 400	406-408	565	413	25	515	16	24	26	6055
DN 450	456-458	615	465	25	565	20	24	26	6055
DN 500	506-508	670	517	28	620	20	24	26	6055
DN 600	606-610	780	618	30	725	20	28	30	6055

Alle dimensioner er lagerstandard.



Pressede løsflanger EN1092-1

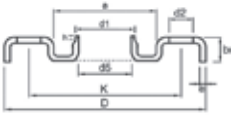
ISO

Nom. dim.	Udv. rørdim.	Tryktrin	Flange D mm	Flange K mm	Flange B mm	Flange C mm	Flange H mm	Bolte Antal stk.	Bolte L mm	INOX nr. 6060 EN 1.4307	INOX nr. 6065 EN 1.4404
DN 15	21,3	10/16	95	65	24	3	12	4	13,5	○	●
DN 20	26,9	10/16	105	75	30	3	14	4	13,5	●	●
DN 25	33,7	10/16	115	85	37	3	16	4	13,5	●	●
DN 32	42,4	10/16	140	100	46	3	16	4	17,5	●	●
DN 40	48,3	10/16	150	110	54	4	17,5	4	18	●	●
DN 50	60,3	10/16	165	125	65	4	19,5	4	18	●	●
DN 65	76,1	10/16	185	145	81	4	21,5	4	18	●	●
DN 80	88,9	10/16	200	160	94	4	21,5	8	18	●	●
DN 100	114,3	10/16	220	180	119	4	22	8	18	●	●
DN 125	139,7	10/16	250	210	145	5	22	8	18	●	●
DN 150	168,3	10/16	285	240	173	5	26	8	22	●	●
DN 200	219,1	10	340	295	225	6	28	8	22	●	●
DN 200	219,1	16	340	295	275	6	26	12	22	○	●
DN 250	273,0	10	395	350	279	6	31	12	22	●	●
DN 300	323,9	10	445	400	329	6	34	12	22	●	●

DIN / Metrisk

Nom. dim.	Udv. rørdim.	Tryktrin	Flange D mm	Flange K mm	Flange B mm	Flange C mm	Flange H mm	Bolte Antal stk.	Bolte L mm	INOX nr. 6060 EN 1.4307	INOX nr. 6065 EN 1.4404
DN 40	44,5	10/16	150	110	48	4	17,5	4	18	●	●
DN 50	54-56	10/16	165	125	58	4	19,5	4	18	●	●
DN 65	70-71	10/16	185	145	78	4	21,5	4	18	●	●
DN 80	84-86	10/16	200	160	90	4	21,5	8	18	●	●
DN 100	104-106	10/16	220	180	110	4	22	8	18	●	●
DN 125	129-131	10/16	250	210	135	5	22	8	18	●	●
DN 150	154-150	10/16	285	240	160	5	26	8	22	●	●
DN 200	204-206	10	340	295	212	6	28	8	22	●	●
DN 200	204-206	16	340	295	212	6	26	12	22	○	●
DN 250	254-256	10	395	350	262	6	31	12	22	●	●
DN 300	304-306	10	445	400	312	6	34	12	22	●	●
DN 350	356-358	10	505	460	362	8	36	16	22	●	●
DN 400	406-408	10	565	515	413	8	38	16	26	●	●
DN 450	456-458	10	615	565	465	8	41	20	26	●	●
DN 500	506-408	10	670	620	517	8	41	20	26	●	●
DN 600	606-610	10	780	725	618	8	50	20	30	●	●

● = lagerdimension ○ = værkslager / skaffevare



Pressede flanger med krave EN1092-1, PN10

DIN/Metrisk		Flange						Bolte		INOX nr. 6080	
Nom. dim.	**d1 mm**	**D mm**	**K mm**	**a mm**	**e**	**b**	**h**	**Ant. stk.**	**d2 mm**	**EN 1.4307**	**EN 1.4404**
80	86	200	160	123	5	22	5	8	17,5	○	●
100	106	220	180	141	6	23	5	8	17,5	○	●
125	131	250	210	168	6	25	5	8	17,5	○	●
150	156	285	240	192	6	27	5	8	21,5	○	●
200	206	340	295	245	6	31	5	8	21,5	○	●
250	256	395	350	295	6	31	5	12	22	○	●
300	306	445	400	345	6	34	5	12	22	○	●
350	356	505	460	393	8	36	5	16	22	○	●
400	406	565	515	443	8	38	5	16	26	○	●

● = lagerdimension ○ = værkslager / skaffevare

06 Kuglehaner

06 Kuglehaner

Generelle Specifikationer

Hanehuse og endestykker	støbte (investment casting), kvalitet CF8M/ASTM A 351 svarende til AISI 316/ASTM A 479.
Sæder	PTFE+GF = glasfiberarmeret teflon (15% glasfiber), dog ikke 7017.
Spindler og kugler	af valset materiale, kvalitet AISI 316/ASTM A 479. Spindler har udblæsningssikker konstruktion, med justérbar pakning.
Spindelpakninger	PTFE = ren teflon.
Håndgreb	rustfrie, aflåselige, plastbelagte.
Endestykker med gevind	Whitworth rørgevind (BSPP) / ISO 228-1
Endestykker for svejsning	ISO 1127
Driftstemperatur	TC Model: - 40 til + 230° C Light Model: - 20 til + 190° C
Prøvetryk	API 598 / EN 12266-1
Certifikat	EN 10204 3.1 inkl. PED 97/23/EC

06 Kuglehaner

Enkelt, DN 8-50

Gennemløb: reduceret Sæde: PTFE
Driftstryk: max. 65 bar Tilslutning: gevind

Model: TC (Ta Chen)

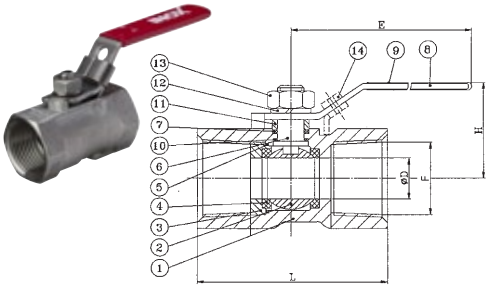
INOX Nr. 7017

DN	F	D	E	H	L
8	1/4"	5,0	60	31	39
10	3/8"	7,0	70	35	44
15	1/2"	9,2	86	43	56
20	3/4"	12,5	86	46	59
25	1"	16,0	104	50	71
32	1 1/4"	20,0	104	54	79
40	1 1/2"	24,5	126	65	83
50	2"	32,0	126	72	100

Model: Light

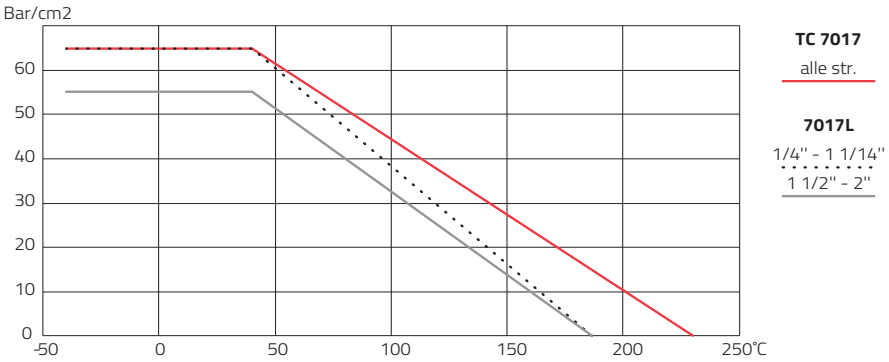
INOX Nr. 7017L

DN	F	D	E	H	L
8	1/4"	5,0	70	30	39
10	3/8"	6,8	90	34	44
15	1/2"	9,2	100	41	56
20	3/4"	12,5	100	44	59
25	1"	15,0	110	50	71
32	1 1/4"	20,0	110	55	78
40	1 1/2"	25,0	135	64	83
50	2"	32,0	145	70	100



Nr.	Del	Materiale
1	Hanehus	CF8M
2	Kugle	CF8M
3	Bøsning	CF8M
4	Sæde	PTFE
5	Huspakning	PTFE
6	Spindel	AISI 316
7	Spindelpakning	PTFE
8	Håndgreb	AISI 304
9	Belægning	Plast
10	Trykunderlagsskive	PTFE
11	Pakbøsning	AISI 304
12	Fjederskive	AISI 304
13	Møtrik	AISI 304
14	Lås	AISI 304

Tryktabel

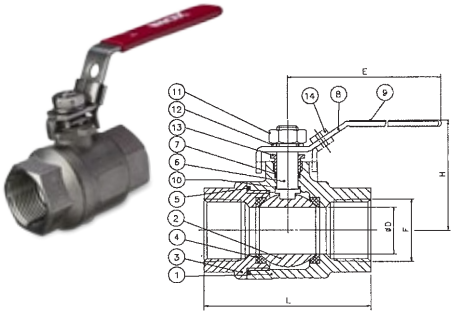


Alle dimensioner er lagerstandard.

06 Kuglehaner

Todelt, DN 8-100

Gennemløb: fuldt
Driftstryk: max. 65 bar
Sæde: PTFE + GF
Tilslutning: gevind



Model: TC (Ta Chen)

INOX Nr. 7019

DN	F	D	E	H	L
8	1/4"	11,0	103	57	58
10	3/8"	12,5	103	57	58
15	1/2"	15,0	103	59	62
20	3/4"	20,0	103	63	70
25	1"	25,0	127	71	81
32	1 1/4"	32,0	127	76	96
40	1 1/2"	38,0	153	89	113
50	2"	50,8	193	98	126
65	2 1/2"	65,0	193	111	169
80	3"	80,0	279	124	191
100	4"	100,0	335	169	217

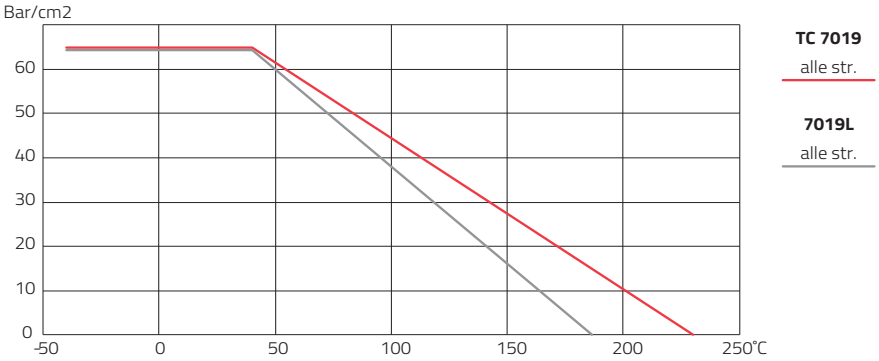
Model: Light

INOX Nr. 7019L

DN	F	D	E	H	L
8	1/4"	11,6	95	51	49
10	3/8"	12,7	95	51	49
15	1/2"	15,0	95	49	57
20	3/4"	20,0	108	55	65
25	1"	25,0	108	58	77
32	1 1/4"	32,0	130	71	90
40	1 1/2"	38,0	130	76	98
50	2"	50,0	150	84	121
65	2 1/2"	65,0	200	125	145
80	3"	80,0	200	136	166
100	4"	100,0	270	165	198

Nr.	Del	Materiale
1	Hanehus	CF8M
2	Kugle	CF8M
3	Endestykke	CF8M
4	Sæde	PTFE+GF
5	Huspakning	PTFE
6	Spindel	AISI 316
7	Spindelpakning	PTFE
8	Håndgreb	AISI 304
9	Belægning	Plast
10	Trykunderlagsskive	PTFE
11	Møtrik	AISI 304
12	Fjederskive	AISI 304
13	Pakbøsning	AISI 304
14	Lås	AISI 304

Tryktabel



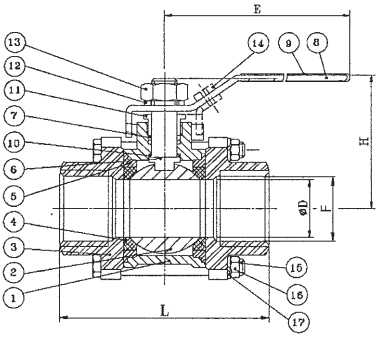
Alle dimensioner er lagerstandard.

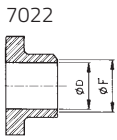
Tredelt, DN 8-100

Gennemløb: fuldt. Sæde: PTFE + GF
Driftstryk: max. 65 bar

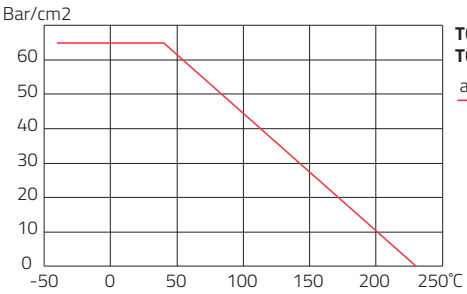
DN	D mm	E mm	H mm	L mm	Gevind INOX nr. 7021	Svejse INOX nr. 7022
8	11,0	102	54	65	1/4"	13,7
10	12,5	102	54	65	3/8"	17,2
15	15,0	102	55	71	1/2"	21,3
20	20,0	126	65	85	3/4"	26,7
25	25,4	126	71	95	1"	33,4
32	32,0	150	89	112	1 1/4"	42,2
40	38,0	150	94	123	1 1/2"	48,3
50	50,8	186	100	141	2"	60,3
65	65,0	272	121	173	2 1/2"	73,0
80	80,0	272	134	192	3"	88,9
100	100,0	335	172	225	4"	114,3

Nr.	Del	Materiale
1	Hanehus	CF8M
2	Kugle	CF8M
3	Endestykke	CF8M
4	Sæde	PTFE+GF
5	Huspakning	PTFE
6	Spindel	AISI 316
7	Spindelpakninger	PTFE
8	Håndgreb	AISI 316
9	Belægning	Plast
10	Trykunderlagsskive	PTFE
11	Pakbøsning	AISI 304
12	Fjederskive	AISI 304
13	Møtrik	AISI 304
14	Lås	AISI 304
15	Bolt	AISI 304
16	Møtrik	AISI 304
17	Fjederskive	





Tryktabel



Alle dimensioner er lagerstandard.

07 Stangstål

07 Stangstål

07 Stangstål

INOX

Vore leverandørers produktionsprogram af stangstål

Udførelse:	Skaldrejet
Dimensioner:	15-1000 mm
Tolerancer:	EN 10060, ISO h og k samt andre specialtolerancer
Udførelse:	Koldttrukket
Dimensioner:	3-80 mm
Tolerancer:	EN 10278 h9 og h10
Udførelse:	Drejet og poleret
Dimensioner:	15-180 mm
Tolerancer:	EN 10278 h9 og h10
Udførelse:	Centerless-slebet
Dimensioner:	3-155 mm
Tolerancer:	EN 10278 h6, 7, 8 og 9 samt andre specialtolerancer
Udførelse:	Koldttrukket
Dimensioner:	4-80 mm
Tolerancer:	EN 10278 h11
Udførelse:	Valset / bejdset
Dimensioner:	8-250 mm
Tolerancer:	EN 10059
Udførelse:	Koldttrukket
Dimensioner:	4-70 mm
Tolerancer:	EN 10278 h11
Valsetråd / Coils:	Dimensioner 5,5-27 mm
Koldtvalset tråd:	Dimensioner 0,2-16 mm

Koldttrukket

Varmtvalset

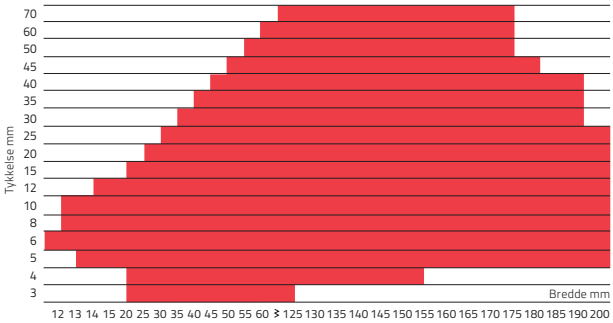
Armeringsstål:	Dimensioner 6-40 mm "REVAL"
Gevindstænger:	M6-M24

07 Stangstål

Vore leverandørers produktionsprogram af rustfrit og syrefast stangstål

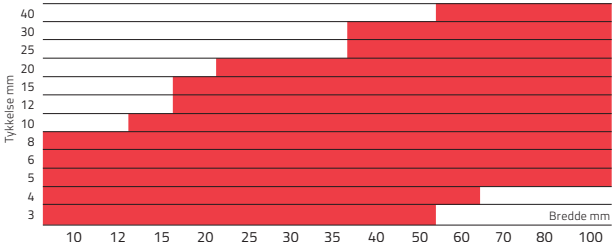
Varmtvalset

Udførelse: Bejdset
Tolerancer: EN 10058



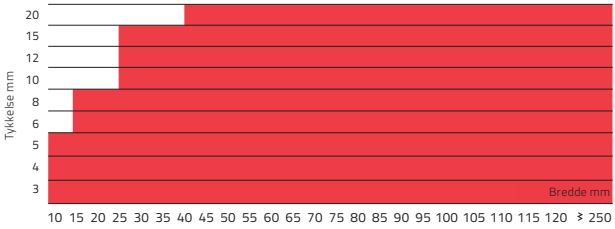
Koldttrukket

Tolerancer: EN 10278 h11

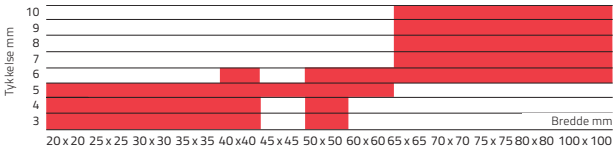


Klippet af plade

Udførelse: Bejdset
Tolerancer: EN 10058



Udførelse: Bejdset
Tolerancer: EN 10056



07 Stangstål

Tolerancetabeller

EN 10060

Diameter mm	Tolerance mm
10,0 - 15,9	+/- 0,40
16,0 - 25,9	+/- 0,50
26,0 - 35,9	+/- 0,60
36,0 - 50,9	+/- 0,80
51,0 - 80,9	+/- 1,00
81,0 - 100,9	+/- 1,30
101,0 - 124,9	+/- 1,50
125,0 - 160,9	+/- 2,00
161,0 - 200,0	+/- 2,50

ISO 286-2 - tol. k12/k13

Diameter mm	Tolerance mm
18,1 - 30,0	-0/+ 0,21
30,1 - 50,0	-0/+ 0,25
50,1 - 80,0	-0/+ 0,30
80,1 - 120,0	-0/+ 0,35
120,1 - 180,0	-0/+ 0,40
185,0 - 250,0	-0/+ 0,72
260,0 - 300,0	-0/+ 0,81
320,0 - 400,0	-0/+ 0,89

EN10278 / ISO 286-2 tolerancer, ''h'' er altid minustolerancer

Diameter mm	h6	h7	h8	h9	h10	h11	h12
≤ 3,00	0,006	0,010	0,014	0,025	0,040	0,060	0,100
3,01 - 6,00	0,008	0,012	0,018	0,030	0,048	0,075	0,120
6,01 - 10,00	0,009	0,015	0,022	0,036	0,058	0,090	0,150
10,01 - 18,00	0,011	0,018	0,027	0,043	0,070	0,110	0,180
18,01 - 30,00	0,013	0,021	0,033	0,052	0,084	0,130	0,210
30,01 - 50,00	0,016	0,025	0,039	0,062	0,100	0,160	0,250
50,01 - 80,00	0,019	0,030	0,046	0,074	0,120	0,190	0,300
80,01 - 120,00	0,022	0,035	0,054	0,087	0,140	0,220	0,350
120,01 - 180,00	0,025	0,040	0,063	0,100	0,160	0,250	0,400
180,01 - 200,00	0,029	0,046	0,072	0,115	0,185	0,290	0,460

EN 10058

Bredde mm	Tolerance mm	Tykkelse mm	Tolerance mm
10 - 40	+/-0,75	5-20	+/-0,50
41 - 80	+/-1,00	21-40	+/-1,00
81 - 100	+/-1,50	41-80	+/-1,50
101 - 120	+/-2,0		
121 - 150	+/-2,5		

EN 10059

Dimension mm	Tolerance mm
8-0 - 14,9	+/-0,40
15,0 - 25,9	+/-0,50
26,0 - 35,9	+/-0,60
36,0 - 50,9	+/-0,80
51,0 - 99,9	+/-1,00
100,0 - 109,9	+/-1,30
110,0 - 129,9	+/-1,50
130,0 - 150,0	+/-1,80

EN 10056

Bredde mm	Tolerance mm	Tykkelse mm	Tolerance mm
20 - 50	+/-1,0	3 - 5	+/-0,50
60 - 100	+/-2,0	6 - 10	+/-0,75

07 Stangstål

INOX

Skaldrejet Austenitisk & Martensitisk

Lagerlængde: 5-6 m. EN 1.4305 dog 3 m.

D mm	Tolerance mm	kg/m	EN 1.4307	EN 1.4404	EN 1.4305	EN 1.4021	EN 1.4057
16,0	-0/+0,18	1,6	○	○	○	◖	◖
20,0	-0/+0,21	2,5	○	●	○	○	○
22,0	-0/+0,21	3,0	●	●	○	◖	◖
25,0	-0/+0,21	3,9	● +3m	● +3m	●	◖	●
26,0	-0/+0,21	4,2	○	●	○	○	○
28,0	-0/+0,21	4,8	● +3m	●	●	◖	◖
30,0	-0/+0,21	5,5	● +3m	● +3m	●	◖	●
32,0	-0/+0,25	6,3	● +3m	●	●	◖	●
35,0	-0/+0,25	7,6	● +3m	● +3m	●	◖	●
36,0	-0/+0,25	8,0	● +3m	● +3m	●	○	○
38,0	-0/+0,25	8,9	● +3m	● +3m	●	○	◖
40,0	-0/+0,25	9,9	● +3m	● +3m	●	◖	●
42,0	-0/+0,25	10,9	● +3m	● +3m	●	○	○
45,0	-0/+0,25	12,5	● +3m	● +3m	●	◖	●
50,0	-0/+0,25	15,4	● +3m	● +3m	●	◖	●
51,0	-0/+0,30	16,0	○	● +3m	○	○	○
55,0	-0/+0,30	18,7	● +3m	● +3m	●	◖	●
60,0	-0/+0,30	22,2	● +3m	● +3m	●	◖	●
65,0	-0/+0,30	26,1	● +3m	● +3m	●	◖	●
70,0	-0/+0,30	30,2	● +3m	● +3m	●	◖	●
75,0	-0/+0,30	34,7	● +3m	● +3m	●	◖	●
80,0	-0/+0,30	39,5	● +3m	●	●	◖	●
85,0	-0/+0,35	44,6	●	●	●	◖	●
90,0	-0/+0,35	49,9	● +3m	●	●	◖	●
95,0	-0/+0,35	55,6	●	● +3m	●	○	●
100,0	-0/+0,35	61,7	●	●	●	◖	●
105,0	-0/+1,00	68,0	●	●	●	○	◖
110,0	-0/+1,00	74,6	●	●	●	◖	●
115,0	-0/+1,00	81,5	●	●	●	○	●
120,0	-0/+1,00	88,8	●	●	●	◖	●
125,0	-0/+1,00	96,3	●	●	●	○	●
130,0	-0/+1,00	104,2	●	●	●	○	●
135,0	-0/+1,00	112,4	●	●	●	○	○
140,0	-0/+1,00	120,8	●	●	●	◖	●
145,0	-0/+1,00	129,6	●	●	●	○	○
150,0	-0/+1,00	138,7	●	●	●	○	●
155,0	-0/+1,00	148,1	●	●	○	○	○
160,0	-0/+1,00	157,8	●	●	●	◖	◖
165,0	-0/+1,00	167,9	●	●	○	○	○
170,0	-0/ +1,0	178,2	●	●	●	○	○
175,0	-0/ +1,0	188,8	●	●	○	○	○
180,0	-0/ +1,0	200,0	●	●	●	○	○
185,0	-0/ +1,0	211,0	○	●	○	○	○
190,0	-0/ +1,0	223,0	●	●	●	○	○
200,0	-0/ +1,0	247,0	●	●	●	○	○
205,0	-0/ +1,0	259,1	○	●	○	○	○

Fortsættes side 5

Skaldrejet Austenitisk & Martensitisk

Lagerlængde: 5-6 m. EN 1.4305 dog 3 m.

D mm	Tolerance mm	kg/m	EN 1.4307	EN 1.4404	EN 1.4305	EN 1.4021	EN 1.4057
210,0	-0/ +2,0	272,0	●	●	○	○	○
220,0	-0/ +2,0	298,0	●	●	○	○	○
225,0	-0/ +2,0	312,0	○	○	○	○	○
230,0	-0/ +2,0	326,0	●	●	○	○	○
240,0	-0/ +2,0	355,0	●	●	○	○	○
250,0	-0/ +2,0	386,0	●	●	○	○	○
260,0	-0/ +2,0	417,0	●	●	○	○	○
270,0	-0/ +2,0	450,0	●	●	○	○	○
275,0	-0/ +2,0	466,0	○	○	○	○	○
280,0	-0/ +2,0	484,0	●	●	○	○	○
285,0	-0/ +2,0	501,0	●	●	○	○	○
290,0	-0/ +2,0	518,5	●	●	○	○	○
300,0	-0/ +2,0	555,0	●	●	○	○	○
310,0	-0/ +2,0	593,0	●	●	○	○	○
320,0	-0/ +2,0	631,0	●	●	○	○	○
325,0	-0/ +2,0	651,0	●	●	○	○	○
330,0	-0/ +2,0	671,4	●	●	○	○	○
340,0	-0/ +2,0	713,0	●	●	○	○	○
350,0	-0/ +2,0	755,0	●	●	○	○	○
360,0	-0/ +2,0	799,0	●	●	○	○	○
375,0	-0/ +2,0	867,0	●	●	○	○	○
380,0	-0/ +2,0	890,0	●	●	○	○	○
400,0	-0/ +2,0	987,0	●	●	○	○	○
425,0	-0/ +2,0	1113,6	●	●	○	○	○
450,0	-0/ +2,0	1249,0	●	●	○	○	○
475,0	-0/ +2,0	1391,0	●	●	○	○	○
500,0	-0/ +2,0	1541,0	●	●	○	○	○

● = lagerdimension ◖ = fjernlager ○ = værkslager

07 Stangstål

INOX

Skaldrejet Duplex, højlegeret og varmebestandig

Lagerlængde: 5-6 m.

D mm	Tolerance mm	kg/m	EN 1.4462 Duplex	EN 1.4410 Super Duplex	EN 1.4539 904L	EN 1.4835 253MA	EN 1.4547 254SMO
16,0	-0/ +0,18	1,6	○	○	◖	◖	◖
20,0	-0/ +0,21	2,5	●	●	◖	◖	◖
22,0	-0/ +0,21	3,0	○	○	○	○	○
25,0	-0/ +0,21	3,9	●	●	◖	◖	◖
26,0	-0/ +0,21	4,2	○	○	○	○	○
28,0	-0/ +0,21	4,8	○	○	○	○	○
30,0	-0/ +0,21	5,5	●	●	◖	○	○
32,0	-0/ +0,25	6,3	○	○	○	○	◖
35,0	-0/ +0,25	7,6	●	○	◖	◖	○
36,0	+0/ -0,25	8,0	○	○	○	○	○
38,0	-0/ +0,25	8,9	○	○	○	○	○
40,0	-0/ +0,25	9,9	●	●	◖	◖	◖
42,0	-0/ +0,25	10,9	○	○	○	○	○
45,0	-0/ +0,25	12,5	●	○	◖	○	○
46,0	+0/ -0,25	13,1	○	○	○	○	○
50,0	-0/ +0,25	15,4	●	●	◖	◖	◖
55,0	-0/ +0,30	18,7	●	●	○	○	○
60,0	-0/ +0,30	22,2	●	●	◖	◖	◖
65,0	-0/ +0,30	26,1	●	●	◖	○	◖
70,0	-0/ +0,30	30,2	●	●	○	◖	○
75,0	-0/ +0,30	34,7	●	●	○	○	◖
80,0	-0/ +0,30	39,5	●	●	◖	◖	◖
85,0	-0/ +0,35	44,6	●	●	○	○	○
90,0	-0/ +0,35	49,9	●	●	◖	◖	◖
95,0	-0/ +0,35	55,6	●	○	○	○	○
100,0	-0/ +0,35	61,7	●	●	◖	◖	◖
105,0	-0/ +1,00	68,0	○	○	○	○	○
110,0	-0/ +1,00	74,6	●	●	○	◖	○
115,0	-0/ +1,00	81,5	○	○	○	○	◖
120,0	-0/ +1,00	88,8	●	●	○	○	○
125,0	-0/ +1,00	96,3	●	●	◖	○	○
130,0	-0/ +1,00	104,2	●	●	○	◖	◖
135,0	-0/ +1,00	112,4	○	○	○	○	○
140,0	-0/ +1,00	120,8	●	●	○	○	◖
145,0	-0/ +1,00	129,6	○	○	○	○	○
150,0	-0/ +1,00	138,7	●	◖	◖	◖	○
155,0	-0/ +1,00	148,1	○	○	○	○	○
160,0	-0/ +1,00	157,8	●	◖	○	○	◖
165,0	-0/ +1,00	167,9	○	○	○	○	○
170,0	-0/ +1,0	178,2	●	●	○	○	○
175,0	-0/ +1,0	188,8	○	○	○	○	○
180,0	-0/ +1,0	200,0	●	●	○	○	◖
185,0	-0/ +1,0	211,0	○	○	○	○	○
190,0	-0/ +1,0	223,0	●	○	○	○	○
200,0	-0/ +1,0	247,0	●	●	○	◖	○

Fortsættes side 7

07 Stangstål

INOX

Skaldrejet Duplex, højlegeret og varmebestandig

Lagerlængde: 5-6 m.

D mm	Tolerance mm	kg/m	EN 1.4462 Duplex	EN 1.4410 Super Duplex	EN 1.4539 904L	EN 1.4835 253MA	EN 1.4547 254SMO
210,0	-0/ +2,0	272,0	●	○	○	○	◖
220,0	-0/ +2,0	298,0	●	○	○	○	○
225,0	-0/ +2,0	312,0	○	○	○	○	○
230,0	-0/ +2,0	326,0	●	○	○	○	○
240,0	-0/ +2,0	355,0	●	○	○	○	○
250,0	-0/ +2,0	386,0	●	○	○	○	◖
260,0	-0/ +2,0	417,0	●	○	○	○	○
270,0	-0/ +2,0	450,0	○	○	○	○	○
275,0	-0/ +2,0	466,0	○	○	○	○	○
280,0	-0/ +2,0	484,0	●	○	○	○	○
285,0	-0/ +2,0	501,0	○	○	○	○	○
290,0	-0/ +2,0	518,5	○	○	○	○	○
300,0	-0/ +2,0	555,0	●	○	○	○	○
310,0	-0/ +2,0	593,0	○	○	○	○	○
320,0	-0/ +2,0	631,0	○	○	○	○	○
325,0	-0/ +2,0	651,0	○	○	○	○	◖
330,0	-0/ +2,0	671,4	○	○	○	○	○
340,0	-0/ +2,0	713,0	○	○	○	○	○
350,0	-0/ +2,0	755,0	○	○	○	○	○
360,0	-0/ +2,0	799,0	○	○	○	○	○
375,0	-0/ +2,0	867,0	○	○	○	○	○
400,0	-0/ +2,0	987,0	○	○	○	○	○
425,0	-0/ +2,0	1113,6	●	○	○	○	○
450,0	-0/ +2,0	1249,0	○	○	○	○	○
500,0	-0/ +2,0	1541,0	○	○	○	○	○

● = lagerdimension ◖ = fjernlager ○ = værkslager

Skaldrejet EN1.4418 QT900 og EN1.4460 Duplex

Lagerlængder: 5-6 m. Tolerancer er altid minustolerancer.

D mm	Tolerance ISO	Tolerance mm	kg/m	EN 1.4418 QT900	EN 1.4460 Duplex
16,0	h12	+0/ -0,18	1,6	○	◖
17,5	h12	+0/ -0,18	1,9	○	●
19,0	h12	+0/ -0,21	2,2	○	◖
22,0	h12	+0/ -0,21	3,0	○	●
25,8	h12	+0/ -0,21	4,0	◖	●
28,0	h12	+0/ -0,21	4,8	◖	○
28,6	h12	+0/ -0,21	5,0	○	●
31,0	h12	+0/ -0,25	5,9	◖	●
33,0	h12	+0/ -0,25	6,7	○	◖
36,0	h12	+0/ -0,25	8,0	○	●
39,0	h12	+0/ -0,25	9,4	○	◖
41,0	h12	+0/ -0,25	10,4	◖	●
46,0	h12	+0/ -0,25	13,1	◖	●
51,2	h12	+0/ -0,30	16,2	◖	●
56,2	h12	+0/ -0,30	19,5	◖	●
61,2	h12	+0/ -0,30	23,1	◖	●
66,2	h12	+0/ -0,30	27,0	◖	●
71,4	h12	+0/ -0,30	31,4	◖	●
76,4	h12	+0/ -0,30	36,0	◖	●
81,4	h12	+0/ -0,35	40,9	◖	●
86,4	h12	+0/ -0,35	46,0	◖	●
91,4	h12	+0/ -0,35	51,5	◖	●
96,4	h12	+0/ -0,35	57,3	◖	●
102,0	h12	+0/ -0,35	64,1	◖	◖
107,0	h12	+0/ -0,35	70,6	◖	●
112,0	h12	+0/ -0,35	77,3	◖	●
117,0	h12	+0/ -0,35	84,4	◖	◖
122,0	h12	+0/ -0,40	91,8	◖	●
127,0	h12	+0/ -0,40	99,4	◖	◖
132,0	h12	+0/ -0,40	107,0	◖	◖
143,0	h12	+0/ -0,40	126,0	◖	◖
146,0	h12	+0/ -0,40	131,0	◖	○
153,0	h13	+0/ -0,63	144,0	◖	◖
163,0	h13	+0/ -0,63	164,0	○	◖
165,0	h13	+0/ -0,63	168,0	◖	○
173,0	h13	+0/ -0,63	185,0	◖	◖
184,0	h13	+0/ -0,72	209,0	◖	◖
190,0	h13	+0/ -0,72	223,0	◖	○
204,0	h13	+0/ -0,72	257,0	○	◖
206,0	h13	+0/ -0,72	262,0	◖	○
212,0	h13	+0/ -0,72	277,0	○	◖
224,0	h13	+0/ -0,72	309,0	○	◖
226,0	h13	+0/ -0,72	315,0	◖	○
244,0	h13	+0/ -0,72	367,0	○	◖
246,0	h13	+0/ -0,72	373,0	◖	○
256,0	h13	+0/ -0,81	404,0	◖	○
280,0	h13	+0/ -0,81	483,0	○	◖
286,0	h13	+0/ -0,81	504,0	◖	○
306,0	h13	+0/ -0,81	577,0	◖	○
335,0	h13	+0/ -0,89	692,0	◖	○
360,0	h13	+0/ -0,89	799,0	◖	○

● = lagerdimension
◖ = fjernlager
○ = værkslager

07 Stangstål

Koldttrukket tol. h9

D mm	kg/m	EN 1.4301/1.4307		EN 1.4404		EN 1.4305	EN 1.4462
		3M	6M	3M	6M	3M	3M
3,00	0,06	●	○	●	○	○	○
4,00	0,10	●	○	●	○	○	○
5,00	0,15	●	●	●	○	●	○
6,00	0,22	●	●	●	○	●	○
7,00	0,30	●	●	●	○	●	○
8,00	0,40	●	●	●	●	●	○
9,00	0,50	●	○	●	○	●	○
10,00	0,62	●	●	●	●	●	○
11,00	0,75	●	○	●	○	●	○
12,00	0,89	●	●	●	●	●	●
13,00	1,04	●	○	●	○	●	○
14,00	1,21	●	●	●	●	●	●
15,00	1,39	●	●	●	●	●	●
16,00	1,58	●	●	●	●	●	●
17,00	1,78	●	○	●	○	○	○
18,00	2,00	●	●	●	●	●	●
19,00	2,23	●	○	●	○	●	○
20,00	2,47	●	●	●	●	●	○
21.00	2,72	○	○	○	○	●	○
22,00	2,98	●	●	●	●	●	○
24,00	3,55	●	●	●	●	●	○
25,00	3,85	●	●	●	●	●	○
30,00	5,50	●	○	○	○	○	○

● = lagerdimension
◖ = fjernlager
○ = værkslager

Gevindstænger ISO 3506-1

Lagerlængde: 1000 mm

Dim.	kg/m	A2 AISI 304	A4 AISI 316L
		tol. g6	tol. g6
M 6	0,177	●	●
M 8	0,319	●	●
M10	0,500	●	●
M12	0,725	●	●
M14	0,970	○	○
M16	1,330	●	●
M18	1,650	○	○
M20	2,080	●	●
M22	2,540	○	○
M24	3,000	●	●

● = lagerdimension ○ = værkslager

Fra værkslager kan vi levere længder på 2000, 3000 og 4000 mm

Centerlessslebet og hårdforkromet

Lagerlængder: 3 eller 6 m.

D mm	kg/m	EN 1.4307 slebet h9	EN 1.4404 slebet h9	EN 1.4305 slebet h9	EN 1.4460 slebet h9	EN 1.4418 slebet h9	EN 1.4418 forkromet h9	EN 1.4462 slebet h9
4,00	0,10	○	○	●	○	○	○	○
5,00	0,15	○	○	●	○	○	○	○
6,00	0,22	●	○	●	○	○	○	○
7,00	0,30	○	○	●	○	○	○	○
8,00	0,40	●	●	●	◖	○	○	○
10,00	0,62	●	●	●	◖	○	○	○
11,00	0,75	○	○	●	○	○	○	○
12,00	0,89	●	●	●	◖	◖	○	○
14,00	1,21	●	●	●	○	○	○	○
15,00	1,39	●	●	●	◖	○	○	○
16,00	1,58	●	●	●	◖	◖	○	○
17,00	1,78	○	○	●	○	○	○	○
18,00	2,00	●	●	●	○	○	○	○
20,00	2,47	●	●	●	◖	◖	◖	○
22,00	2,98	●	●	●	◖	○	○	○
24,00	3,55	●	●	●	○	○	○	○
25,00	3,85	●	●	●	●	◖	●	○
26,00	4,17	●	○	●	○	○	○	○
28,00	4,83	●	●	●	○	○	○	○
30,00	5,55	●	●	●	◖	◖	●	●
32,00	6,31	●	●	●	◖	◖	◖	○
35,00	7,55	●	●	●	◖	◖	●	○
36,00	7,99	○	○	●	○	○	○	○
38,00	8,90	●	●	●	○	◖	○	○
40,00	9,87	●	●	●	◖	◖	●	●
45,00	12,50	●	●	●	◖	◖	●	●
50,00	15,40	●	●	●	◖	◖	●	●
55,00	18,70	●	●	●	◖	◖	●	○
56,00	19,30	○	○	○	○	◖	◖	○
60,00	22,20	●	●	●	◖	◖	●	●
63,00	24,50	○	○	○	○	◖	◖	○
65,00	26,10	●	●	●	○	◖	●	○
70,00	30,20	●	●	●	◖	◖	●	○
75,00	34,70	●	●	○	○	◖	○	○
80,00	39,50	●	●	●	◖	◖	●	○
90,00	49,90	●	●	○	◖	◖	●	○
100,00	61,70	●	●	●	○	◖	●	○
110,00	74,60	○	○	○	○	◖	●	○
120,00	88,80	○	○	○	○	◖	○	○
125,00	96,30	○	○	○	○	◖	●	○
140,00	120,80	○	○	○	○	◖	◖	○
160,00	157,80	○	○	○	○	○	◖	○

● = lagerdimension ◖ = fjernlager ○ = værkslager

Koldttrukket og varmtvalset Lagerlængder: 3-5 m.

H mm	kg/m	EN 1.4301/1.4307 koldtrukket tol. h11	EN 1.4301/1.4307 varmtvalset tol. EN 10059	EN 1.4404 varmtvalset tol. EN 10059	EN 1.4305 koldttrukket tol. h11
5,0	0,24	●	○	○	○
6,0	0,28	●	○	○	○
8,0	0,50	●	○	●	○
10,0	0,79	●	●	●	○
12,0	1,13	●	●	●	○
15,0	1,77	●	●	●	○
16,0	2,01	○	●	○	○
20,0	3,14	●	●	●	○
25,0	4,91	●	●	●	○
30,0	7,07	●	●	●	●
32,0	8,04	○	●	○	○
35,0	9,62	○	●	●	○
40,0	12,6	●	●	●	●
50,0	19,6	●	●	●	○
60,0	28,3	●	●	●	○
65,0	33,2	●	●	○	○
70,0	38,5	○	●	○	○
75,0	44,2	○	●	●	○
80,0	50,2	○	●	○	○

Koldttrukket, tol. h11 Lagerlængde: ca. 3 m.

NV mm	kg/m	EN 1.4301/1.4307	EN 1.4404	EN 1.4305
5,0	0,17	○	○	●
6,0	0,25	○	○	●
7,0	0,33	○	○	●
8,0	0,44	○	○	●
10,0	0,68	○	●	●
11,0	0,82	●	○	●
12,0	0,98	○	●	●
13,0	1,15	○	●	●
14,0	1,33	●	●	●
15,0	1,53	○	○	●
16,0	1,74	○	●	●
17,0	1,97	●	●	●
18,0	2,20	○	○	○
19,0	2,46	●	●	●
21,0	3,00	○	○	●
22,0	3,29	●	●	●
24,0	3,92	●	●	●
27,0	4,96	●	●	●
30,0	6,12	○	●	●
32,0	6,96	●	●	●
36,0	8,81	●	●	●
41,0	11,4	●	●	●
46,0	14,4	●	●	●
50,0	17,0	○	◖	●
55,0	20,6	○	◖	◖
60,0	24,5	○	◖	○
65,0	28,7	○	◖	○
70,0	33,3	○	◖	○

07 Stangstål

Bejdset tol. EN 10058

Lagerlængder: Varmtvalset, alle dim. 5-6 m. / Klippet af plade 4-6 m.

B x T mm	kg/m	EN 1.4301/ EN 1.4307		EN 1.4404	
		vv.	klip	vv.	klip
15 x 3	0,35	○	●	○	○
20	0,47	○	●	○	●
25	0,59	○	●	○	●
30	0,71	○	●	○	●
40	0,94	○	●	○	●
50	1,18	○	●	○	○
15 x 4	0,47	○	●	○	○
20	0,63	○	●	○	○
25	0,79	○	●	○	●
30	0,94	○	●	○	●
40	1,26	○	●	○	●
50	1,57	○	●	○	○
60	1,88	○	●	○	○
80	2,51	○	●	○	○
15 x 5	0,59	●	●	○	○
20	0,79	●	●	○	○
25	0,98	●	●	○	●
30	1,18	●	●	○	●
35	1,37	○	●	○	●
40	1,57	●	●	○	●
50	1,96	●	●	●	●
60	2,36	●	●	○	●
70	2,75	○	●	○	○
75	2,94	○	●	○	○
80	3,14	○	●	○	○
100	3,93	○	●	○	○
15 x 6	0,71	○	○	○	○
20	0,94	○	●	○	●
25	1,18	●	●	○	○
30	1,41	●	●	○	●
35	1,65	○	●	○	○
40	1,88	●	●	○	●
50	2,36	●	●	○	●
60	2,83	●	●	○	●
70	3,30	○	●	○	○
80	3,77	●	●	○	●
100	4,71	○	●	○	●
120	5,65	○	●	○	○

B x T mm	kg/m	EN 1.4301/ EN 1.4307		EN 1.4404	
		vv.	klip	vv.	klip
15 x 8	0,94	●	○	●	○
20	1,26	●	●	●	●
25	1,57	●	●	●	●
30	1,88	●	●	●	●
35	2,20	●	○	○	○
40	2,51	●	●	●	●
50	3,14	●	●	●	●
60	3,77	●	●	○	●
70	4,40	●	●	○	○
80	5,02	●	●	○	●
100	6,28	●	●	○	●
120	7,54	●	○	○	○
150	9,42	○	●	○	●
15 x 10	1,18	●	○	●	○
20	1,57	●	●	●	○
25	1,96	●	●	●	○
30	2,36	●	●	●	○
35	2,75	●	○	○	○
40	3,14	●	●	●	●
50	3,93	●	●	●	●
60	4,71	●	●	●	●
70	5,50	●	●	●	○
80	6,28	●	●	●	●
90	7,07	●	○	○	○
100	7,85	●	●	●	●
120	9,42	●	●	○	●
150	11,80	●	●	○	○
200	15,70	○	●	○	○
20 x 12	1,88	●	○	○	○
25	2,36	●	○	●	○
30	2,83	●	○	●	○
35	3,30	●	○	○	○
40	3,77	●	○	●	○
50	4,71	●	○	●	●
60	5,65	●	●	●	○
70	6,60	●	○	●	○
80	7,54	●	○	●	○
100	9,42	●	●	●	○
120	11,30	●	○	○	○
150	14,13	●	○	○	○

● = lagerdimension ◖ = fjernlager ○ = værkslager

Bejdset tol. EN 10058

Lagerlængde: Varmtvalset, alle dim. 4,5-6 m.

B x T mm	kg/m	EN 1.4301/ 1.4307	EN 1.4404
20x 15	2,36	●	○
25	2,94	●	●
30	3,53	●	●
35	4,12	●	○
40	4,71	●	●
45	5,30	●	○
50	5,89	●	●
60	7,07	●	●
70	8,24	●	●
80	9,42	●	●
90	10,60	●	○
100	11,80	●	●
120	14,13	●	●
150	17,70	●	●
25 x 20	3,93	●	●
30	4,71	●	●
35	5,50	○	○
40	6,28	●	●
50	7,85	●	●
60	9,42	●	●
65	10,21	●	○
70	11,00	●	●
80	12,56	●	●
90	14,13	●	○
100	15,70	●	●
120	18,84	●	●
150	23,60	●	●
30 x 25	5,89	●	○
40	7,85	●	●
50	9,81	●	●
60	11,78	●	●
70	13,74	●	●
75	14,72	●	●
80	15,60	●	●

Slebne flader korn 180

Lagerlængde: 4-6 m.

B x T mm	kg/m	EN 1.4301/ 1.4307
30 x 5	1,18	●
40	1,57	●
50	1,96	●
60	2,36	●
30 x 8	1,88	●
40	2,51	●

B x T mm	kg/m	EN 1.4301/ 1.4307	EN 1.4404
90 x 25	17,66	●	○
100	19,63	●	●
120	23,55	●	●
150	29,44	○	●
40 x 30	9,42	●	●
50	11,78	●	●
60	14,13	●	●
70	16,49	●	●
80	18,84	●	●
90	21,20	●	○
100	23,55	●	●
120	28,30	●	●
150	35,33	○	●
50 x 40	15,70	●	●
60	18,84	●	●
65	20,41	●	○
70	22,00	●	●
80	25,12	●	●
100	31,40	●	●
120	37,68	●	○
70 x 50	27,50	●	○
80	31,40	●	●
100	39,26	●	●
80 x 60	37,68	●	○
100	47,10	●	○
120	56,52	●	○

Bejdset tol. EN 10056

Lagerlængde: ca. 6 m.

B x T mm	kg/m	EN 1.4301/ 1.4307	EN 1.4404
20 x 20 x 3	0,88	●	●
25 x 25 x 3	1,12	●	●
4	1,45	●	●
30 x 30 x 3	1,36	●	●
4	1,78	●	●
35 x 35 x 3	2,10	●	●
40 x 40 x 4	2,42	●	●
40 x 40 x 5	3,00	●	●
50 x 50 x 5	3,80	●	●
6	4,47	●	●
60 x 60 x 6	5,47	●	●
70 x 70 x 7	7,47	●	●
80 x 80 x 8	9,73	●	●
100 x 100 x 10	15,20	●	●

08 Plader

08 Plader

Produktionsprogram og tolerancer

Koldtvalsede, rustfrie og syrefaste plader og coils, Austenitiske

Standardbredder 1000, 1250, 1500 og 2000 mm Andre bredder efter aftale

Længder, max.

Tykkelser mm	Plader mm	Coils kg
0,4 < 0,8 0,8 < 1,5 1,5 < 8,0	3000 6000 10000	30000

Længder, min.

Plader: 0,4 - 8,0 mm, 1000 mm
Coils: standardbredder min. 45 m / 5 tons
ikke standardbredder min. 18 kg / mm bredde

Tolerancer, Tykkelse

ISO 9445 (EN 10259)

Tykkelse i mm - T		Tolerance ved bredde - B		
Større eller lig med	Mindre end	B ≤ 1000	1000 < B ≤ 1300	1300 < B ≤ 2100
-	0,30	±0,03	-	-
0,30	0,50	±0,04	±0,04	-
0,50	0,60	±0,045	±0,05	-
0,60	0,80	±0,05	±0,05	-
0,80	1,00	±0,055	±0,06	±0,07
1,00	1,20	±0,06	±0,07	±0,08
1,20	1,50	±0,08	±0,08	±0,10
1,50	2,00	±0,08	±0,09	±0,11
2,00	2,50	±0,09	±0,11	±0,13
2,50	3,00	±0,11	±0,13	±0,15
3,00	4,00	±0,14	±0,15	±0,16
4,00	5,00	±0,15	±0,17	±0,19
5,00	6,50	±0,17	±0,20	±0,23
6,50	8,00	±0,17	±0,22	±0,25

Tolerancer, Bredde

Tykkelse i mm - T		Tolerance ved bredde - B				
Større eller lig med	Mindre end	B ≤ 125	125 < B ≤ 250	250 < B ≤ 600	600 < B ≤ 1000	1000 < B ≤ 2100
-	1,00	+0,5 / -0	+0,5 / -0	+0,7 / -0	+1,5 / -0	+2,0 / -0
1,00	1,50	+0,7 / -0	+0,7 / -0	+1,0 / -0	+1,5 / -0	+2,0 / -0
1,50	2,50	+1,0 / -0	+1,0 / -0	+1,2 / -0	+2,0 / -0	+2,5 / -0
2,50	3,50	+1,2 / -0	+1,2 / -0	+1,5 / -0	+3,0 / -0	+3,0 / -0
3,50	8,00	+2,0 / -0	+2,0 / -0	+2,0 / -0	+4,0 / -0	+4,0 / -0

Tolerancer, Længde

Længde i mm - L	Tolerance
≤ 2000	+5 mm / -0
> 2000	+0,25 % / -0

Diagonalafvigelse I henhold til ISO 9445 (EN 10259)

Kantrethed I henhold til ISO 9445 (EN 10259)

Anførte tolerancer er standardtolerancer, bedre kan eventuelt aftales.

Fortsættes side 2

Produktionsprogram og tolerancer

Koldtvalsede, rustfrie og syrefaste plader og coils, Austenitiske

Retningsgivende overfladeruhed

Bredde - i mm	
Tykkelse mm	Ra max. µm
0,4 < 1,0	0,25
1,0 < 3,0	0,3
3,0 < 4,0	0,35
4,0 < 5,0	0,4
5,0 < 6,0	0,7
6,0 < 7,0	0,9
7,0 < 8,0	1
8	1,2

Overflade-betegnelser for koldtvalsede plader

EN-norm 10088	USA-norm ASTM A 480	DIN-norm 17440/41	Overflade
2B	2B	IIIc	Koldtvalset, bejdset
1G/2G	No 4	IV	Slebet 1 eller 2 sider
2R	BA	2R	Koldtvalset, blankglødet

Koldtvalsede, rustfrie og syrefaste plader

Format T x B x L mm	Kvalitet	1.4301 1.4307	1.4404	1.4301 1.4307	1.4404	1.4301 1.4307	1.4301 1.4307	1.4301 1.4307	1.4301 1.4307
	Overflade	2B	2B	2B m/folie	2B m/folie	Våd-slebet m/folie	Tør-slebet m/folie	Blank-gløget m/folie	Børstet m/folie
	kg/stk								
0,5 x 1000 x 2000	8,0	●	●	○	○	○	○	○	○
1250 x 2500	12,5	●	○	○	○	○	○	○	○
0,6 x 1000 x 2000	9,6	○	○	○	○	○	○	○	○
1250 x 2500	15,0	○	○	○	○	○	○	○	○
0,7 x 1000 x 2000	11,2	●	●	○	○	●	○	○	○
1250 x 2500	17,5	●	○	○	○	●	●	○	○
0,8 x 1000 x 2000	12,8	●	●	●	○	●	○	●	○
1250 x 2500	20,0	●	●	●	○	●	●	●	○
1500 x 3000	29,0	●	○	●	○	●	○	○	○
0,9 x 1000 x 2000	14,4	○	○	○	○	○	○	○	○
1250 x 2500	22,5	○	○	○	○	○	○	○	○
1,0 x 1000 x 2000	16,0	●	●	●	●	●	●	●	●
1250 x 2500	25,0	●	●	●	●	●	●	●	●
1500 x 3000	36,0	●	●	●	●	●	●	●	●
2000 x 4000	64,0	○	○	○	○	○	○	○	○
1,2 x 1000 x 2000	20,0	●	●	●	○	●	●	●	●
1250 x 2500	31,3	●	●	●	○	●	●	●	●
1500 x 3000	45,0	●	●	●	○	●	●	●	●
1,5 x 1000 x 2000	24,0	●	●	●	●	●	●	●	●
1250 x 2500	37,5	●	●	●	●	●	●	●	●
1500 x 3000	54,0	●	●	●	●	●	●	●	●
2000 x 4000	96,0	○	○	○	○	○	○	○	○
2,0 x 1000 x 2000	32,0	●	●	●	●	●	○	●	●
1250 x 2500	50,0	●	●	●	●	●	●	●	●
1500 x 3000	72,0	●	●	●	●	●	●	●	●
2000 x 4000	128,0	○	○	○	○	○	○	○	○
2,5 x 1000 x 2000	40,0	●	●	●	○	●	○	○	○
1250 x 2500	62,5	●	●	●	○	●	○	○	○
1500 x 3000	90,0	●	●	●	○	●	○	○	○
2000 x 4000	160,0	○	○	○	○	○	○	○	○
3,0 x 1000 x 2000	48,0	●	●	●	●	●	○	○	○
1250 x 2500	75,0	●	●	●	●	●	○	○	○
1500 x 3000	108,0	●	●	●	●	●	●	○	○
2000 x 4000	192,0	○	○	○	○	○	○	○	○
4,0 x 1000 x 2000	64,0	●	●	○	○	○	○	○	○
1250 x 2500	100,0	●	●	○	○	○	○	○	○
1500 x 3000	144,0	●	●	●	○	○	●	○	○
2000 x 4000	256,0	○	○	○	○	○	○	○	○
5,0 x 1000 x 2000	80,0	●	●	○	○	○	○	○	○
1250 x 2500	125,0	●	●	○	○	○	○	○	○
1500 x 3000	180,0	●	●	●	○	○	●	○	○
2000 x 4000	320,0	○	○	○	○	○	○	○	○
6,0 x 1000 x 2000	96,0	●	●	○	○	○	●	○	○
1250 x 2500	150,0	●	●	○	○	○	●	○	○
1500 x 3000	216,0	●	●	○	○	○	●	○	○
2000 x 4000	384,0	○	○	○	○	○	○	○	○
8,0 x 1000 x 2000	128,0	○	○	○	○	○	○	○	○
1250 x 2500	200,0	○	○	○	○	○	○	○	○
1500 x 3000	288,0	○	○	○	○	○	○	○	○
2000 x 4000	512,0	○	○	○	○	○	○	○	○

● = lagerformat ○ = værkslager

Produktionsprogram og tolerancer Varmtvalsede, rustfrie og syrefaste plader og coils, glødede og bejdsede, Austenitiske

Standardbredder	1000, 1250, 1500 og 2000 mm		Andre bredder efter aftale
Længder, max.	Plader: Coils:	alle tykkelser alle tykkelser	6000 mm, andre længder efter forespørgsel 30000 kg
Længder, min.	Plader: Coils:	alle tykkelser standardbredder ikke standardbredder	2000 mm min. 45 m / 5 tons min. 18 kg / mm bredde

Tolerancer

EN ISO 9444 (EN 10051)

Tykkelse i mm - T

T mm			B mm ≤ 1500 Tolerance mm
≥ 3,0	<	5,0	-0,3 / +0,7
≥ 5,0	<	8,0	-0,3 / +0,9
≥ 8,0	<	15,0	-0,3 / +1,1
≥ 15,0	<	25,0	-0,3 / +1,3
≥ 25,0	<	40,0	-0,3 / +1,7
≥ 40,0	<	80,0	-0,3 / +2,3
≥ 80,0	<	150,0	-0,3 / +2,9

Længde i mm - L

L mm	Tolerance mm
1000 ≤ 4000	- 0 / + 20,0
4001 ≤ 6000	- 0 / + 30,0

Bredde i mm - B

T mm	Tolerance mm
3,0 - 40,0	- 0 / + 20,0
40,0 - 150,0	- 0 / + 25,0

Diagonalafvigelse/ Kantrethed

≤ 12 mm: EN ISO 9444
> 13 mm: EN 10029

Anførte tolerancer er standardtolerancer, bedre kan eventuelt aftales.

Overfladebetegnelser for varmtvalsede plader	**EN-norm 10088**	**USA-norm ASTM A 480**	**DIN-norm 17440/41**
	1 D	No 1	IIa

08 Plader

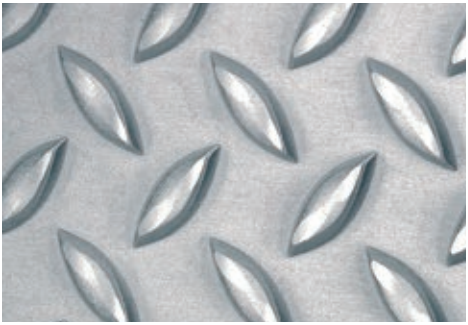
Varmtvalsede, rustfrie og syrefaste plader
Glødede og bejdsede, overflade 1 D

Format T X B X L mm	kg/stk	EN 1.4301 1.4307	EN 1.4404	EN 1.4462
3,0 x 1000 x 2000	48	●	○	○
1250 x 2500	75	●	○	○
1500 x 3000	108	●	○	○
4,0 x 1000 x 2000	64	●	●	○
1250 x 2500	100	●	●	○
1500 x 3000	144	●	●	●
5,0 x 1000 x 2000	80	●	●	○
1250 x 2500	125	●	●	○
1500 x 3000	180	●	●	●
6,0 x 1000 x 2000	96	●	●	○
1250 x 2500	150	●	●	○
1500 x 3000	216	●	●	●
8,0 x 1000 x 2000	128	●	●	○
1250 x 2500	200	●	●	○
1500 x 3000	288	●	●	●
10,0 x 1000 x 2000	160	●	●	○
1250 x 2500	250	●	●	○
1500 x 3000	360	●	●	●
12,0 x 1000 x 2000	192	●	●	○
1250 x 2500	300	●	●	○
1500 x 3000	432	●	●	●
15,0 x 1000 x 2000	240	●	●	○
1250 x 2500	375	●	●	○
1500 x 3000	540	●	●	●
20,0 x 1000 x 2000	320	●	●	○
1250 x 2500	500	●	●	○
1500 x 3000	720	●	●	●
25,0 x 1000 x 2000	400	●	●	○
1250 x 2500	625	●	●	○
1500 x 3000	900	●	●	●
30,0 x 1000 x 2000	480	●	●	○
1250 x 2500	750	●	●	○
1500 x 3000	1080	●	●	●
35,0 x 1500 x 3000	1260	●	●	●
40,0 x 1000 x 2000	640	●	●	○
1250 x 2500	1000	●	●	○
1500 x 3000	1440	●	●	●
50,0 x 1000 x 2000	800	●	●	○
1200 x 2500	1250	●	●	○
1500 x 3000	1800	●	●	●
60,0 x 1500 x 3000	2160	●	●	●

● = lagerformat ○ = værkslager

08 Plader

Tåreplader Varmtvalsede, rustfrie og syrefaste
Glødede og bejdsede



Tegning er ikke målfast

Kvaliteter AISI 304, 304L, 316L, 316Ti og 321

Pladetykkelser excl. tårer 3,0 - 3,5 - 4,0 - 4,5 - 5,0 og 6,0 mm
Tårehøjde ca. 1,5 mm, undersiden er plan

Standardbredder 1000, 1250 og 1500

Længder max. 6000 mm / min. 2000 mm

Vægte

T mm	kg/m²
3,0	27-33
3,5	30-36
4,0	34-40
4,5	38-45
5,0	42-49
6,0	50-57

Lagerformater Kvalitet AISI 304L

T x B x L
3,0 x 1000 x 3000
1250 x 3000
5,0 x 1500 x 3000

Andre formater kan skaffes med kort leveringstid.

Plader i fixmål

INOX

Vi har lagt coils på lager hos vores samarbejdspartner.
Det giver dig en række fordele:

Du kan få plader i længder fra 150 - 8000 mm
Leveringstiden er kun 5-7 dage
Du får mindre spild og materialeudgifter
Dine lagerbindinger bliver mindre
Fixpladerne kan indgå direkte i din produktion

Ring til vores salgsafdeling for at høre nærmere
om minimumsmængde og priser

Tlf. 86 89 22 11

09 Profilrør

09 Profilrør

1 Kvadratiske

3 Rektangulære

Børstede, metalblanke og slebne

Lagerlængde 6 m

A x B x T mm	kg/m	EN 1.4301/1.4307 Børstet / Metalblank	EN 1.4301/1.4307 Slebet	EN 1.4404/1.4571 Børstet / Metalblank
10 x 10 x 1,0	0,30	●	○	○
15 x 15 x 1,0	0,45	○	○	○
1,5	0,66	●	●	○
16 x 16 x 1,0	0,48	●	○	○
1,5	0,70	○	○	○
20 x 20 x 1,2	0,73	●	○	○
1,5	0,89	●	●	●
2,0	1,16	●	●	●
25 x 25 x 1,2	0,92	●	●	○
1,5	1,13	●	●	○
2,0	1,48	●	●	●
3,0	2,17	●	○	○
30 x 30 x 1,2	1,11	●	●	○
1,5	1,37	●	●	○
2,0	1,80	●	●	●
3,0	2,64	●	○	●
35 x 35 x 1,2	1,31	○	○	○
1,5	1,62	●	●	●
2,0	2,12	●	●	●
3,0	3,03	○	○	○
40 x 40 x 1,2	1,50	○	●	○
1,5	1,86	●	●	●
2,0	2,44	●	●	●
3,0	3,56	●	●	●
4,0	4,81	●	○	●
45 x 45 x 1,5	2,12	○	○	○
2,0	2,76	●	●	○
3,0	4,13	○	○	○
50 x 50 x 1,5	2,33	●	●	○
2,0	3,08	●	●	●
3,0	4,54	●	●	●
4,0	5,96	●	○	●
5,0	6,80	●	○	●
60 x 60 x 1,5	2,82	○	○	○
2,0	3,71	●	●	●
3,0	5,49	●	●	●
4,0	7,27	●	○	●
5,0	8,90	●	○	●
70 x 70 x 2,0	4,32	○	○	○
3,0	6,53	●	○	○
4,0	8,39	●	○	○
5,0	10,00	●	○	○

● = lagerdimension ○ = værkslager = teleskoperbar, nedvalset svejsesøm

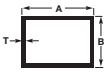
Fortsættes side 2

Børstede, metalblanke og slebne

Lagerlængde 6 m

A x B x T mm	kg/m	EN 1.4301/1.4307 Børstet / Metalblank	EN 1.4301/1.4307 Slebet	EN 1.4404/1.4571 Børstet / Metalblank
80 x 80 x 2,0	5,04	●	●	●
3,0	7,49	●	●	●
4,0	9,88	● ⊂⊃	●	●
5,0	12,35	●	○	●
6,0	13,92	●	○	●
90 x 90 x 3,0	8,39	●	○	○
4,0	11,08	●	○	○
100 x 100 x 2,0	6,40	●	○	○
3,0	9,53	●	●	●
4,0	11,07	● ⊂⊃	●	●
5,0	15,62	●	○	●
6,0	17,76	●	○	●
8,0	23,92	○	○	○
120 x 120 x 2,0	7,91	○	○	○
3,0	11,80	●	○	○
4,0	15,03	●	○	●
5,0	18,66	●	○	○
6,0	21,60	●	○	●
8,0	29,09	○	○	○
150 x 150 x 3,0	13,82	●	○	○
4,0	18,17	●	○	○
5,0	22,40	●	○	○
6,0	26,49	●	○	●
8,0	36,68	●	○	○
200 x 200 x 3,0	18,87	○	○	○
4,0	25,03	○	○	○
5,0	30,80	●	○	○
6,0	37,96	●	○	○
8,0	49,43	○	○	○
250 x 250 x 6,0	46,95	○	○	○
8,0	62,19	○	○	○
10,0	77,24	○	○	○

● = lagerdimension ○ = værkslager ⊂⊃ = teleskoperbar, nedvalset svejsesøm



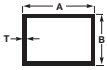
Børstede, metalblanke og slebne

Lagerlængde 6 m

A x B x T mm	kg/m	EN 1.4301/1.4307 Børstet / Metalblank	EN 1.4301/1.4307 Slebet	EN 1.4404/1.4571 Børstet / Metalblank
20 x 10 x 1,0	0,45	○	○	○
1,5	0,66	●	○	○
20 x 15 x 1,0	0,55	○	○	○
1,5	0,81	○	○	○
25 x 10 x 1,5	0,76	○	○	○
25 x 15 x 1,5	0,88	○	○	○
25 x 20 x 1,5	1,00	○	○	○
2,0	1,28	○	○	○
30 x 10 x 1,5	0,88	○	●	○
30 x 15 x 1,5	1,00	●	●	○
2,0	1,34	●	○	○
30 x 20 x 1,5	1,13	●	●	●
2,0	1,50	●	○	○
40 x 10 x 1,5	1,14	○	○	○
40 x 15 x 1,5	1,27	○	○	○
40 x 20 x 1,5	1,37	●	●	●
2,0	1,80	●	●	●
3,0	2,65	●	○	○
40 x 25 x 1,5	1,48	○	○	○
2,0	1,92	●	○	○
40 x 30 x 1,5	1,62	○	●	○
2,0	2,15	●	○	○
3,0	3,03	○	○	○
50 x 10 x 1,5	1,38	○	○	○
50 x 15 x 1,5	1,54	○	○	○
50 x 20 x 1,5	1,60	○	○	○
2,0	2,08	●	●	○
50 x 25 x 1,5	1,74	●	○	○
2,0	2,28	●	●	○
3,0	3,27	○	○	○
50 x 30 x 1,5	1,86	●	○	○
2,0	2,44	●	●	○
3,0	3,76	●	○	●
50 x 40 x 1,5	2,12	○	○	○
2,0	2,80	○	○	○
3,0	3,98	●	○	○
60 x 10 x 1,5	1,62	○	○	○
60 x 20 x 1,5	1,86	●	○	○
2,0	2,45	●	○	○
60 x 30 x 1,5	2,09	○	○	○
2,0	2,76	●	●	●
3,0	4,13	●	●	●

● = lagerdimension ○ = værkslager

Fortsættes side 4



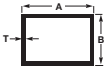
Børstede, metalblanke og slebne

Lagerlængde 6 m

A x B x T mm	kg/m	EN 1.4301/1.4307 Børstet / Metalblank	EN 1.4301/1.4307 Slebet	EN 1.4404/1.4571 Børstet / Metalblank
60 x 40 x 2,0	3,08	●	●	●
3,0	4,54	●	●	●
4,0	5,96	●	○	○
80 x 20 x 2,0	3,04	●	○	○
80 x 40 x 2,0	3,71	●	●	○
3,0	5,49	●	●	●
4,0	7,22	●	○	○
5,0	8,90	●	○	○
80 x 50 x 3,0	5,99	●	○	○
80 x 60 x 2,0	4,38	○	○	○
3,0	6,53	●	○	○
4,0	8,39	○	○	○
5,0	10,00	○	○	○
100 x 40 x 2,0	4,38	●	○	○
3,0	6,50	●	●	○
4,0	8,39	○	○	○
5,0	10,00	○	○	○
100 x 50 x 2,0	4,68	●	●	○
3,0	6,95	●	●	●
4,0	9,09	●	●	●
5,0	11,24	●	○	●
6,0	12,50	○	○	○
100 x 60 x 2,0	4,99	○	○	○
3,0	7,55	●	○	○
4,0	9,82	●	○	○
5,0	12,40	●	○	○
100 x 80 x 2,0	5,60	○	○	○
3,0	8,39	○	○	○
4,0	11,05	●	○	○
5,0	13,75	○	○	○
120 x 40 x 2,0	4,99	●	●	○
3,0	7,53	●	○	○
4,0	9,67	○	○	○
120 x 60 x 2,0	5,62	○	○	○
3,0	8,39	●	●	●
4,0	11,06	●	○	○
5,0	13,75	●	○	○
6,0	15,40	○	○	○
120 x 80 x 2,0	6,40	○	○	○
3,0	9,53	●	○	○
4,0	12,40	●	○	○
5,0	15,38	●	○	○
6,0	17,50	○	○	○

● = lagerdimension ○ = værkslager

Fortsættes side 5



Børstede, metalblanke og slebne

Lagerlængde 6 m

A x B x T mm	kg/m	EN 1.4301/1.4307 Børstet / Metalblank	EN 1.4301/1.4307 Slebet	EN 1.4404/1.4571 Børstet / Metalblank
140 x 60 x 3,0	9,27	○	○	○
4,0	12,23	○	○	○
140 x 80 x 3,0	9,98	○	○	○
4,0	13,51	○	○	○
5,0	16,40	●	○	○
150 x 50 x 2,0	6,40	●	○	○
3,0	9,53	●	○	○
4,0	12,40	●	○	○
5,0	15,38	●	○	○
150 x 100 x 3,0	11,24	●	○	○
4,0	14,97	●	○	○
5,0	18,40	●	○	○
6,0	21,69	●	○	○
8,0	27,90	○	○	○
160 x 80 x 3,0	11,18	●	●	○
4,0	14,79	○	○	○
5,0	18,00	●	○	○
200 x 50 x 3,0	11,67	○	○	○
200 x 100 x 3,0	14,07	●	●	○
4,0	18,62	○	○	○
5,0	22,80	●	○	○
6,0	27,36	●	○	○
250 x 100 x 5,0	27,28	●	○	○
250 x 150 x 3,0	18,87	○	○	○
4,0	25,03	○	○	○
5,0	30,96	●	○	○
6,0	36,96	●	○	○

● = lagerdimension ○ = værkslager

10 Svejste rør

10 Svejste rør

1 Metalblanke/bejdsede

4 Mejerirør

5 Dekorationsrør

Svejste, rustfrie og syrefaste stålrør

Lagerlængde 6 m, EN 10217-7. Svejsefaktor V = 1,0

Tolerancer: ISO 1127 - D3/T3 og D2/T3
≤ 114,3 mm D3 = +/- 0,75%, min. +/- 0,30 mm. T3 = +/- 10%, min +/ - 0,20 mm
> 114,3 mm D2 = +/- 1,00%, min. +/- 0,30 mm. T3 = +/- 10%, min +/ - 0,20 mm
Rethedstol.: ≤ 114,3 mm max. 2,0 mm/m
> 114,3 mm max. 2,5 mm/m

D x T mm	kg/m	EN 1.4307 ej glød.	EN 1.4307 glød.	EN 1.4404 ej glød.	EN 1.4404 glød.
6,0 x 1,0	0,13	○	●	○	○
8,0 x 1,0	0,18	○	●	○	●
1,5	0,24	○	○	○	○
10,0 x 1,0	0,23	○	●	○	●
1,5	0,32	○	●	○	●
12,0 x 1,0	0,28	○	●	●	●
1,5	0,39	○	○	○	●
2,0	0,51	○	○	○	○
13,0 x 1,0	0,30	○	○	○	○
1,5	0,43	○	●	○	○
13,5 x 2,0	0,58	○	○	○	●
2,3	0,65	○	●	○	●
14,0 x 1,0	0,33	○	○	○	○
1,5	0,47	○	●	○	○
2,0	0,60	○	○	○	○
15,0 x 1,0	0,35	○	●	○	●
1,5	0,50	○	●	○	●
2,0	0,65	○	○	○	○
16,0 x 1,0	0,38	○	●	●	○
1,2	0,46	●	○	○	○
1,5	0,55	○	●	●	●
2,0	0,70	○	●	○	●
17,2 x 1,6	0,63	●	○	●	●
2,0	0,76	○	●	○	●
2,3	0,86	○	●	●	●
18,0 x 1,0	0,43	○	○	○	●
1,5	0,62	●	○	●	●
2,0	0,80	○	●	○	●
19,0 x 1,5	0,65	○	○	●	○
20,0 x 1,0	0,48	●	○	●	○
1,2	0,58	○	○	○	○
1,5	0,70	●	●	●	●
2,0	0,90	●	●	●	●
21,3 x 1,6	0,79	●	○	●	○
2,0	0,97	●	●	●	○
2,6	1,22	●	●	●	●

D x T mm	kg/m	EN 1.4307 ej glød.	EN 1.4307 glød.	EN 1.4404 ej glød.	EN 1.4404 glød.
22,0 x 1,0	0,53	●	○	○	○
1,2	0,63	●	○	○	○
1,5	0,77	●	●	●	○
2,0	1,00	●	●	●	●
23,0 x 1,5	0,81	●	○	●	○
25,0 x 1,0	0,60	○	○	○	○
1,2	0,74	●	●	●	●
1,5	0,88	●	●	●	●
2,0	1,15	●	●	●	●
2,5	1,41	○	○	○	○
25,4 x 1,6	0,95	○	○	○	○
26,9 x 1,6	1,01	●	○	●	○
2,0	1,25	●	○	●	○
2,6	1,58	●	●	●	●
28,0 x 1,0	0,68	○	○	○	○
1,5	1,00	●	●	●	●
2,0	1,30	●	●	●	●
29,0 x 1,5	1,03	○	○	●	●
30,0 x 1,0	0,73	○	○	○	○
1,5	1,07	●	○	○	○
2,0	1,40	●	●	●	●
2,5	1,72	○	○	○	○
3,0	2,03	○	○	○	○
32,0 x 1,2	0,93	●	○	●	○
1,5	1,15	●	○	●	○
2,0	1,50	●	●	●	○
33,7 x 1,6	1,29	●	○	●	○
2,0	1,59	●	○	●	●
2,6	2,03	●	○	●	○
3,0	2,24	○	○	○	○
3,2	2,44	●	●	●	●
34,0 x 1,0	0,83	○	○	○	○
1,5	1,22	○	○	○	○
35,0 x 1,5	1,26	●	○	○	○
2,0	1,65	●	●	○	○
2,5	2,04	○	●	○	○

● = lagerdimension ○ = værkslager

Fortsættes side 2

Svejste, rustfrie og syrefaste stålrør

Lagerlængde 6 m, EN 10217-7. Svejsefaktor V = 1,0

D x T mm	kg/m	EN 1.4307 ej glød.	EN 1.4307 glød.	EN 1.4404 ej glød.	EN 1.4404 glød.
38,0 x 1,0	0,93	○	○	○	○
1,2	1,11	●	●	●	●
1,5	1,37	○	●	○	○
2,0	1,80	●	●	●	○
2,5	2,22	●	○	●	○
40,0 x 1,0	0,98	●	○	○	○
1,5	1,45	●	○	●	○
2,0	1,90	●	○	●	○
3,0	2,78	○	○	○	○
41,0 x 1,5	1,48	●	○	●	●
42,4 x 1,6	1,64	●	○	●	○
2,0	2,02	●	●	●	●
2,6	2,59	●	○	●	○
3,2	3,14	●	●	●	●
43,0 x 1,5	1,56	●	○	○	○
44,5 x 1,5	1,62	○	○	○	○
2,0	2,13	●	○	●	○
48,3 x 1,6	1,87	●	○	●	○
2,0	2,32	●	○	●	●
2,6	2,98	●	○	●	○
3,0	3,30	○	○	○	○
3,2	3,61	●	●	●	●
3,6	4,03	○	○	○	○
50,0 x 1,5	1,82	●	●	○	○
2,0	2,40	●	○	○	○
50,8 x 1,5	1,85	○	●	○	○
2,0	2,45	●	○	●	○
51,0 x 1,2	1,50	●	●	●	●
1,5	1,86	●	○	○	○
2,0	2,45	●	○	○	○
2,6	3,15	●	○	○	○
52,0 x 1,5	1,90	●	○	○	○
2,0	2,50	○	○	○	○
53,0 x 1,5	1,93	●	○	●	●
54,0 x 1,5	1,97	○	○	○	○
2,0	2,60	●	●	●	○
57,0 x 1,5	2,09	●	○	○	○
2,0	2,75	●	○	●	○
3,0	4,06	○	○	●	○
60,3 x 1,6	2,35	●	○	●	○
2,0	2,92	●	●	●	●

D x T mm	kg/m	EN 1.4307 ej glød.	EN 1.4307 glød.	EN 1.4404 ej glød.	EN 1.4404 glød.
60,3 x 2,6	3,76	●	○	●	○
3,0	4,17	●	○	●	○
3,2	4,58	○	○	○	○
3,6	5,11	●	●	●	●
63,5 x 1,6	2,48	●	●	●	●
3,0	4,54	●	○	○	○
70,0 x 1,5	2,57	○	○	○	○
2,0	3,41	●	●	●	●
3,0	4,87	○	○	●	○
76,1 x 1,6	2,99	●	○	●	○
2,0	3,71	●	○	●	●
2,6	4,79	●	○	●	○
3,0	5,31	●	○	●	○
3,2	5,84	○	○	○	○
3,6	6,54	●	●	●	○
4,0	7,22	○	○	○	○
83,0 x 1,5	3,06	○	○	○	○
84,0 x 2,0	4,11	●	○	●	○
85,0 x 2,0	4,16	●	●	●	●
88,9 x 1,6	3,50	●	○	●	○
2,0	4,35	●	○	●	○
2,6	5,62	●	○	●	○
3,0	6,56	●	○	●	○
3,2	6,87	○	○	●	○
4,0	8,50	●	○	●	○
101,6 x 2,0	4,99	●	●	●	●
3,0	7,53	○	○	●	○
3,6	8,83	●	○	○	○
4,0	9,98	○	○	○	○
104,0 x 2,0	5,11	●	○	●	○
106,0 x 3,0	7,70	●	○	●	○
108,0 x 2,0	5,31	○	○	●	○
3,0	7,89	●	○	●	○
4,0	10,42	●	○	●	○
114,3 x 1,6	4,15	●	○	●	○
2,0	5,62	●	○	●	○
2,6	7,27	●	○	●	○
3,0	8,36	●	○	●	○
4,0	11,05	●	○	●	○
5,0	13,68	●	○	○	○

● = lagerdimension ○ = værkslager

Fortsættes side 3

Svejste, rustfrie og syrefaste stålrør

Lagerlængde 6 m, EN 10217-7. Svejsefaktor V = 1,0

D x T mm	kg/m	EN 1.4307 ej glødede	EN 1.4404 ej glødede
129,0 x 2,0	6,36	●	●
133,0 x 2,0	6,56	○	○
4,0	12,92	●	○
139,7 x 2,0	6,90	●	●
3,0	10,27	●	●
4,0	13,59	●	●
154,0 x 2,0	7,61	●	●
156,0 x 3,0	11,49	●	●
168,3 x 2,0	8,33	●	●
3,0	12,42	●	●
4,0	16,46	○	○
204,0 x 2,0	10,12	●	●
206,0 x 3,0	15,25	●	●
219,1 x 2,0	10,87	●	●
3,0	16,23	●	●
4,0	21,50	○	○
254,0 x 2,0	12,62	●	●
256,0 x 3,0	19,00	●	●
273,0 x 2,0	13,58	●	●
3,0	20,28	●	●
4,0	26,94	○	○
304,0 x 2,0	15,10	●	●
306,0 x 3,0	22,80	●	●
323,9 x 3,0	24,10	●	●
4,0	32,04	○	○
354,0 x 2,0	17,63	○	○
355,6 x 4,0	35,22	○	○
356,0 x 3,0	26,50	●	●
406,4 x 3,0	30,30	●	●
4,0	40,30	○	○
456,0 x 3,0	34,03	○	●
457,2 x 4,0	45,39	○	○
458,0 x 4,0	45,47	○	○
506,0 x 3,0	37,80	●	●
508,0 x 3,0	37,94	●	●
4,0	50,48	○	○
606,0 x 3,0	45,30	●	●
609,6 x 3,0	45,57	●	●
4,0	60,64	○	○
711,2 x 4,0	70,83	○	○
5,0	88,42	○	○
812,8 x 4,0	81,01	○	○
5,0	101,14	○	○
914,4 x 5,0	113,86	○	○
1016,0 x 6,0	151,74	○	○

D x T mm	kg/m	EN 1.4432 ej glødede
33,7 x 2,0	1,59	○
48,3 x 2,0	2,32	○
54,0 x 2,0	2,60	○
70,0 x 2,0	3,41	○
60,3 x 2,0	2,92	●
76,1 x 2,0	3,71	●
84,0 x 2,0	4,11	●
88,9 x 2,0	4,35	○
104,0 x 2,0	5,11	●
106,0 x 3,0	7,70	○
129,0 x 2,0	6,36	●
154,0 x 2,0	7,61	●
156,0 x 3,0	11,49	○
204,0 x 2,0	10,12	●
206,0 x 3,0	15,25	●
254,0 x 2,0	12,62	●
256,0 x 3,0	19,00	●
304,0 x 2,0	15,10	●
306,0 x 3,0	22,80	●
356,0 x 3,0	26,50	●
406,0 x 3,0	30,30	●
456,0 x 3,0	34,03	○
506,0 x 3,0	37,80	○
606,0 x 3,0	45,30	○

● = lagerdimension ○ = værkslager

10 Svejste rør

Svejste, rustfrie og syrefaste mejerirør

Lagerlængde 6 m, EN 10357. Svejsefaktor V = 1,0

Tolerancer: EN 10357
Udførelser: Udvendig: Uslebet / Slebet
Indvendig: Glat svejsesøm, max. Ra 0,8 µm (v. svejsesøm max. Ra 1,6 µm)

DS / SMS Mejerirør

Tomme	D x T mm	kg/m	EN 1.4307 ej glødede		EN 1.4307 glødede		EN 1.4404 ej glødede		EN 1.4404 glødede	
			uslebet	slebet	uslebet	slebet	uslebet	slebet	uslebet	slebet
1"	25,0 x 1,2	0,74	●	●	●	●	●	●	●	●
1 1/4"	32,0 x 1,2	0,96	●	●	○	○	●	●	○	○
1 1/2"	38,0 x 1,2	1,15	●	●	●	●	●	●	●	●
2"	51,0 x 1,2	1,89	●	●	●	●	●	●	●	●
2 1/2"	63,5 x 1,6	2,48	●	●	●	●	●	●	●	●
3"	76,1 x 1,6	2,99	●	●	●	●	●	●	●	●
	76,1 x 2,0	3,71	●	●	●	●	●	●	●	●
4"	101,6 x 2,0	4,99	●	●	●	●	●	●	●	●

DIN Mejerirør

D x T mm	kg/m	EN 1.4307 ej glødede		EN 1.4307 glødede		EN 1.4404 ej glødede		EN 1.4404 glødede	
		uslebet	slebet	uslebet	slebet	uslebet	slebet	uslebet	slebet
12,0 x 1,0	0,27	○	○	○	○	○	○	○	○
13,0 x 1,5	0,43	○	○	○	○	●	●	○	○
18,0 x 1,5	0,62	○	○	○	○	●	●	○	○
19,0 x 1,5	0,66	○	○	○	○	●	●	○	○
22,0 x 1,0	0,51	●	○	○	○	○	○	○	○
22,0 x 1,5	0,77	●	○	○	○	●	●	○	○
23,0 x 1,5	0,81	●	○	○	○	●	●	○	○
28,0 x 1,5	1,00	●	●	○	○	●	●	●	○
29,0 x 1,5	1,03	●	●	○	○	●	●	●	●
34,0 x 1,5	1,22	○	○	○	○	○	○	○	○
35,0 x 1,5	1,26	●	○	○	○	●	●	○	○
40,0 x 1,0	0,97	●	●	○	○	○	○	○	○
40,0 x 1,5	1,45	●	●	○	○	●	●	○	○
41,0 x 1,5	1,48	●	●	○	○	●	●	●	●
52,0 x 1,5	1,90	●	●	○	○	●	●	○	○
53,0 x 1,5	1,93	●	●	○	○	●	●	●	●
70,0 x 2,0	3,43	●	●	○	○	●	●	●	●
85,0 x 2,0	4,16	●	●	○	○	●	●	●	●
104,0 x 2,0	5,03	●	●	○	○	●	●	●	●
129,0 x 2,0	6,36	●	●	○	○	●	●	○	○
154,0 x 2,0	7,49	●	●	○	○	●	●	○	○
204,0 x 2,0	10,12	●	●	○	○	●	●	○	○

● = lagerdimension ○ = værkslager

10 Svejste rør

Svejste, rustfrie "dekorationsrør"

Ej glødede, Lagerlængde 6 m, EN 10296-2

Tolerancer:	ISO 1127 - D3/T3.	
	Udvendig diameter	D3 = +/- 0,75%, min. +/- 0,30 mm
	Godstykkelse	+/- 10%, min. +/- 0,2mm
	Rethedstol.:	max. 2 mm/m
Udførelse:	Udvendig slebne, indvendig let svejsesøm	

D x T mm	kg/m	EN 1.4301/1.4307
21,3 x 2,0	0,97	●
26,9 x 2,0	1,25	●
33,7 x 2,0	1,59	●
42,4 x 2,0	2,00	●
48,3 x 2,0	2,32	●
60,3 x 2,0	2,92	●

● = lagerdimension

Andre dimensioner kan leveres indenfor få dage.

11 Sømløse rør

11 Sømløse rør

11 Sømløse rør

Sømløse, rustfrie og syrefaste stålrør

Lagerlængde 4-7 m, EN 10216-5 / ASTM A312

Tolerancer: EN ISO 1127
Standard: D3 = +/- 0,75%, min. +/- 0,30 mm. T3 = +/- 10%, min. +/- 0,20 mm
Hydrauliske: D4 = +/- 0,50%, min. +/- 0,10 mm. T3 = +/- 10%, min. +/- 0,20 mm

Udførelse: Standard sømløse rør er glødede og bejdsede
Hydrauliske sømløse rør er blankglødede

Driftstryk: Formlen til beregning af driftstryk ved 20°C: $\frac{200 \times 12 \times T}{D}$ T = godstykkelse
D = udvendig diameter

D x T mm	kg/m	EN 1.4301/ 1.4307	EN 1.4404/ 1.4571	D x T mm	kg/m	EN 1.4301/ 1.4307	EN 1.4404/ 1.4571
4,00 x 1,00	0,08	○	○	15,00 x 1,00	0,35	○	●
5,00 x 1,00	0,10	●	○	1,50	0,51	●	●
6,00 x 1,00	0,13	●	●	2,00	0,65	●	●
1,50	0,17	●	●	2,50	0,78	○	○
2,00	0,20	○	○	3,00	0,90	○	○
7,00 x 1,00	0,07	○	○	15,00 x 4,00	1,10	○	○
8,00 x 1,00	0,18	●	●	16,00 x 1,00	0,38	○	○
1,50	0,24	●	●	1,50	0,55	●	●
2,00	0,30	●	○	2,00	0,70	●	●
9,00 x 1,00	0,20	○	○	2,50	0,85	●	○
10,00 x 1,00	0,23	●	●	3,00	0,98	○	○
1,50	0,32	●	●	3,50	1,10	○	○
2,00	0,40	●	●	4,00	1,20	○	○
2,50	0,47	●	●	17,00 x 1,00	0,40	○	○
3,00	0,53	○	○	1,50	0,58	○	○
10,20 x 1,60	0,35	○	○	17,20 x 1,60	0,63	○	○
2,00	0,41	●	○	2,00	0,76	○	○
12,00 x 1,00	0,28	●	●	2,30	0,86	●	○
1,50	0,39	●	●	2,90	1,12	○	○
2,00	0,50	●	●	18,00 x 1,00	0,43	○	○
2,50	0,60	○	○	1,50	0,62	●	●
3,00	0,68	○	○	2,00	0,80	●	●
13,00 x 1,00	0,30	○	○	2,50	0,97	○	○
1,50	0,43	○	○	3,00	1,13	○	○
2,50	0,66	○	○	3,50	1,27	○	○
13,50 x 1,60	0,48	○	○	4,00	1,40	○	○
2,00	0,58	○	○	20,00 x 1,00	0,48	○	○
2,30	0,65	○	●	1,50	0,70	●	●
2,60	0,71	○	○	2,00	0,90	●	●
13,72 x 2,24	0,64	○	○	2,50	1,10	●	●
3,02	0,81	○	○	3,00	1,28	●	●
14,00 x 1,00	0,33	●	●	4,00	1,60	●	○
1,50	0,47	○	○	5,00	1,88	●	○
2,00	0,60	●	●	21,30 x 1,60	0,79	○	○
2,50	0,72	○	○	2,00	0,97	○	○
3,00	0,83	○	○	2,60	1,22	○	●

● = lagerdimension ○ = værkslager

Fortsættes side 2

11 Sømløse rør

D x T mm	kg/m	EN 1.4301/ 1.4307	EN 1.4404/ 1.4571
21,30 x 2,90	1,34	○	○
3,20	1,45	○	○
21,34 x 2,11	1,02	○	○
2,77	1,29	○	○
3,73	1,65	○	○
4,78	1,98	○	○
22,00 x 1,00	0,53	○	○
1,50	0,77	●	●
2,00	1,00	●	●
3,00	1,43	○	○
4,00	1,80	○	○
23,00 x 1,50	0,81	○	○
2,00	1,05	○	○
24,00 x 1,50	0,85	●	○
2,00	1,10	○	○
3,50	1,80	○	○
4,00	2,00	○	○
25,00 x 1,00	0,60	●	○
1,50	0,88	○	○
2,00	1,15	●	●
2,50	1,41	○	●
3,00	1,61	●	●
4,00	2,10	○	○
5,00	2,50	●	○
26,70 x 2,11	1,30	○	○
2,87	1,71	○	○
3,91	2,23	○	○
5,56	2,93	○	○
26,90 x 1,60	1,04	○	○
2,00	1,25	○	○
2,30	1,42	○	○
2,60	1,58	○	○
2,90	1,58	○	○
3,20	1,90	○	○
28,00 x 1,00	0,77	○	○
1,50	1,00	○	●
2,00	1,30	●	●
2,50	1,60	○	●
3,00	1,88	●	●
4,00	2,40	○	○
5,00	2,88	○	○
30,00 x 1,50	1,07	○	○
2,00	1,40	○	○
2,50	1,72	○	○
3,00	2,03	●	●
4,00	2,60	●	●
5,00	3,13	○	○

D x T mm	kg/m	EN 1.4301/ 1.4307	EN 1.4404/ 1.4571
32,00 x 1,50	1,15	○	○
2,00	1,50	●	○
2,50	1,85	○	○
3,00	2,18	○	○
4,00	2,80	○	○
33,00 x 1,50	1,18	○	○
33,40 x 2,77	2,12	○	○
3,38	2,54	○	○
4,55	3,29	●	○
6,35	4,30	○	○
33,70 x 1,60	1,32	○	○
2,00	1,59	○	○
2,60	2,03	○	○
2,90	2,24	○	○
3,20	2,44	○	●
3,60	2,71	○	○
35,00 x 1,50	1,26	○	○
2,00	1,65	●	●
2,50	2,04	●	●
3,00	2,40	●	●
4,00	3,11	○	○
5,00	3,76	●	○
36,00 x 2,00	1,70	○	○
38,00 x 2,00	1,80	○	○
2,60	2,31	○	○
3,00	2,63	●	●
4,00	3,41	●	●
4,50	3,78	○	○
5,00	4,13	○	●
40,00 x 2,00	1,90	●	○
2,50	2,35	○	○
3,00	2,78	○	○
4,00	3,61	○	○
5,00	4,38	○	○
42,00 x 2,00	2,00	○	○
3,00	2,93	●	●
42,16 x 2,77	2,73	○	○
3,56	3,44	○	○
4,85	4,53	○	○
6,35	5,69	○	○
42,40 x 2,00	2,02	○	○
2,60	2,59	○	○
2,90	2,87	○	○
3,20	3,14	●	○
3,60	3,50	○	○
4,05	3,89	○	○
44,50 x 2,00	2,13	○	○

● = lagerdimension ○ = værkslager

Fortsættes side 3

11 Sømløse rør

D x T mm	kg/m	EN 1.4301/ 1.4307	EN 1.4404/ 1.4571
44,50 x 2,60	2,73	○	○
2,90	3,02	○	○
4,00	4,06	○	○
5,50	5,37	○	○
45,00 x 1,60	1,74	○	○
2,00	2,15	○	○
3,00	3,16	○	○
3,50	3,64	○	○
5,00	5,01	○	○
48,26 x 2,77	3,16	○	○
3,68	4,11	○	○
5,08	5,49	○	○
7,14	7,35	○	○
48,30 x 2,00	2,32	○	○
2,60	2,98	○	○
2,90	3,30	○	○
3,20	3,61	○	●
3,60	4,03	○	○
4,05	4,49	○	○
50,00 x 2,00	2,40	○	○
2,50	2,97	○	○
3,00	3,53	○	○
4,00	4,60	○	○
5,00	5,63	●	●
51,00 x 2,00	2,45	●	○
2,60	3,15	●	○
4,00	4,71	○	○
52,00 x 1,50	1,90	○	○
2,00	2,50	○	○
4,00	4,81	○	○
53,00 x 1,50	1,93	○	○
3,00	3,76	○	○
4,00	4,91	○	○
55,00 x 2,50	3,29	○	○
5,00	6,26	●	○
57,00 x 2,60	3,54	○	○
2,90	3,93	○	○
3,50	4,69	○	○
4,00	5,31	○	○
4,50	5,92	○	○
5,00	6,51	○	○
6,50	8,22	○	○
60,00 x 5,00	6,89	●	○
60,30 x 2,00	2,92	○	○
2,60	3,76	○	○
2,77	3,99	○	○
2,90	4,17	○	○

D x T mm	kg/m	EN 1.4301/ 1.4307	EN 1.4404/ 1.4571
60,30 x 3,20	4,58	○	○
3,60	5,11	○	●
3,91	5,52	○	○
4,00	5,64	○	○
4,50	6,23	○	○
5,00	6,92	○	○
5,54	7,60	●	●
6,30	8,52	○	○
8,74	11,29	○	○
63,50 x 2,50	3,82	○	○
5,00	7,32	○	○
64,00 x 2,00	3,11	○	○
65,00 x 2,50	3,91	○	○
3,00	4,66	○	○
68,00 x 4,00	6,41	○	○
70,00 x 2,90	4,87	○	○
3,00	5,03	○	○
4,00	6,61	○	○
5,00	8,14	●	○
73,03 x 3,05	5,34	○	○
5,16	8,77	○	○
7,01	11,59	○	○
9,53	15,15	○	○
76,10 x 2,00	3,71	○	○
2,30	4,25	○	○
2,60	4,79	○	○
76,10 x 2,90	5,32	○	○
3,20	5,84	○	○
3,60	6,54	○	●
4,00	7,22	○	○
4,50	8,07	○	○
5,00	8,90	○	○
6,30	11,01	○	○
7,10	12,27	○	○
8,00	13,64	○	○
10,00	16,55	○	○
80,00 x 2,00	3,91	○	○
2,50	4,85	○	○
4,00	7,61	○	○
5,00	9,39	●	○
85,00 x 2,50	5,17	○	○
88,90 x 2,00	4,35	○	○
2,30	4,99	○	○
2,60	5,41	○	○
2,90	6,25	○	○
3,05	6,56	○	○
3,20	6,87	○	○

● = lagerdimension ○ = værkslager

Fortsættes side 4

11 Sømløse rør

D x T mm	kg/m	EN 1.4301/ 1.4307	EN 1.4404/ 1.4571
88,90 x 3,60	7,69	○	○
4,05	8,61	○	○
4,50	9,51	○	○
5,00	10,50	○	○
5,49	11,47	●	●
6,30	13,03	○	○
7,62	15,51	○	○
11,13	21,67	○	○
90,00 x 5,00	10,64	○	○
97,00 x 4,00	9,32	○	○
100,00 x 3,00	7,29	○	○
5,00	11,89	○	○
101,60 x 3,05	7,53	○	○
3,60	8,83	○	○
4,05	9,89	○	○
5,00	12,10	○	○
5,74	13,78	○	○
8,08	18,92	○	●
108,00 x 3,00	7,89	○	○
4,00	10,42	○	○
5,00	12,90	○	○
6,30	16,04	○	○
8,00	20,00	○	○
114,30 x 3,05	8,50	○	○
3,60	9,98	○	○
4,00	11,05	○	○
4,50	12,37	○	○
5,00	13,68	○	○
6,02	16,32	○	○
6,30	17,04	○	○
7,11	19,08	○	○
8,56	22,67	○	●
121,00 x 4,00	11,72	○	○

D x T mm	kg/m	EN 1.4301/ 1.4307	EN 1.4404/ 1.4571
127,00 x 4,00	12,32	○	○
133,00 x 4,00	12,92	○	○
5,00	16,03	○	○
6,30	19,99	○	○
139,70 x 4,00	13,59	○	○
5,00	16,86	○	○
6,30	21,04	○	○
141,30 x 3,40	11,74	○	○
6,55	22,10	○	○
9,53	31,44	○	●
159,00 x 4,50	17,41	○	○
5,00	19,28	○	○
6,30	24,09	○	○
168,30 x 3,40	14,03	○	○
4,50	18,46	○	○
5,00	20,45	○	○
6,30	25,56	○	○
7,11	28,69	○	○
10,97	43,21	○	●
18,26	68,60	○	○
219,10 x 3,76	20,27	○	○
6,35	33,82	○	○
8,18	43,20	○	○
12,70	66,02	○	●
273,00 x 6,35	42,39	○	○
9,27	61,22	○	○
12,70	82,77	○	○
323,90 x 6,35	50,49	○	○
9,52	74,94	○	○
10,31	80,94	○	○
12,70	98,96	○	○
406,40 x 9,52	94,60	○	○
12,70	125,20	○	○

● = lagerdimension ○ = værkslager

12 Emnerør

12 Emnerør

1 Rustfrie og syrefaste emnerør

Rustfrie og syrefaste emnerør

Lagerlængde 2-7 m, EN 10294-2, glødede og bejdsede

Tolerancer:

Udvendig diameter	Tolerance mm	Indvendig diameter	Tolerance mm
D < 50	+ 1 / -0	d < 50	0 / -1
D ≥ 50	+ 0,02*D / -0	d ≥ 50	0 / -0,02*d

Rendrejning: Dimensioner for rendrejning findes i EN10294-2

D x d mm	kg/m	EN 1.4301 1.4306 1.4307	EN 1.4404	D x d mm	kg/m	EN 1.4301 1.4306 1.4307	EN 1.4404
32 x 20	4,2	●	○	56	16,7	○	○
16	5,1	●	●	50	20,6	○	●
36 x 25	4,6	●	●	45	23,5	○	○
20	6,0	●	●	40	26,1	●	●
16	6,8	○	●	76 x 58	15,1	○	○
40 x 28	5,5	●	●	80 x 63	16,5	●	●
25	6,5	●	●	56	21,6	○	○
20	7,9	●	●	50	25,5	●	●
45 x 32	6,7	●	●	45	28,5	●	○
28	8,2	●	●	40	31,1	●	●
25	8,9	○	○	85 x 67	18,6	○	○
20	10,6	●	●	61	23,3	○	○
50 x 40	5,6	○	○	55	27,6	●	●
36	8,1	●	●	50	30,8	○	●
32	9,8	●	●	45	33,7	●	●
28	10,7	○	○	90 x 71	20,8	●	●
25	12,2	●	●	68	21,8	○	○
56 x 45	6,9	○	○	67	24,2	○	○
40	10,3	●	●	63	27,4	●	●
36	12,1	●	●	56	32,5	●	●
30	14,0	○	○	50	36,4	●	●
28	15,3	●	●	95 x 75	23,1	○	○
25	15,7	○	○	67	29,9	○	●
20	17,1	○	○	63	33,3	○	○
60 x 45	9,9	○	○	56	38,4	○	○
40	12,3	○	○	50	42,3	●	○
63 x 50	10,0	●	●	100 x 80	23,8	●	○
45	12,9	●	○	75	29,3	○	○
40	15,6	●	●	71	32,9	●	●
36	17,5	●	○	63	39,5	●	●
32	19,1	●	●	56	44,6	●	○
70 x 50	15,0	○	○	106 x 90	19,6	○	○
71 x 56	12,9	●	●	85	27,4	○	○
50	16,8	●	○	80	32,5	●	●
45	19,8	●	●	71	40,8	●	●
40	22,4	●	●	63	47,4	●	●
36	24,3	●	●	56	52,5	●	●
75 x 60	13,8	○	○	112 x 95	22,0	○	○

● = lagerdimension ○ = værkslager

Fortsættes side 2

Rustfrie og syrefaste emnerør

Lagerlængde 2-7 m, EN 10294-2, glødede og bejdsede

D x d mm	kg/m	EN 1.4301 1.4306 1.4307	EN 1.4404
112 x 90	30,4	●	●
85	35,8	○	○
80	40,8	●	●
71	49,2	●	○
63	55,7	●	○
118 x 95	33,5	○	○
90	39,2	●	●
80	49,6	●	●
71	58,0	○	○
63	64,5	●	●
125 x 100	38,4	●	●
95	44,4	○	○
90	50,1	●	●
80	60,5	●	○
71	68,8	●	●
132 x 106	42,3	●	●
90	61,6	●	●
80	72,0	●	○
71	80,3	●	●
140 x 112	48,2	●	●
106	56,2	●	●
100	63,8	●	●
90	75,4	○	○
80	85,9	●	●
150 x 132	31,8	○	●
125	47,8	●	●
118	58,2	○	○
112	62,3	○	○
106	74,7	●	●
95	88,3	●	●
80	104,4	●	●
160 x 132	56,6	●	●
122	72,1	●	●
112	86,5	●	○
100	102,1	○	○
90	113,7	●	●
170 x 140	64,3	●	●
130	80,8	●	○
118	99,1	●	●
106	114,6	●	●
100	123,2	○	○
175 x 145	60,1	○	○
180 x 150	68,8	●	○

D x d mm	kg/m	EN 1.4301 1.4306 1.4307	EN 1.4404
180 x 140	86,6	●	○
130	97,0	○	○
125	111,0	●	●
112	129,9	○	○
100	145,5	●	○
190 x 160	73,4	●	●
150	92,5	●	●
140	107,7	●	○
132	123,6	●	●
123	129,3	○	○
118	145,1	○	○
106	161,5	○	○
200 x 170	69,5	●	○
160	98,3	●	●
150	117,4	●	○
140	135,1	●	●
130	151,7	○	○
112	178,4	○	○
106	180,1	○	○
212 x 180	78,5	○	○
170	109,7	○	●
150	148,9	○	○
130	183,3	○	●
125	191,1	○	○
224 x 180	121,6	●	●
170	143,1	○	○
160	163,3	○	○
140	200,1	●	●
132	213,4	○	○
236 x 190	134,1	●	●
170	178,3	○	○
150	217,6	●	●
140	235,3	○	○
240 x 190	146,3	○	○
170	190,5	○	○
250 x 200	153,7	●	●
186	186,8	○	○
275 x 200	223,0	○	○
300 x 200	313,0	○	○
340 x 200	473,3	○	○
380 x 230	572,8	○	○
400 x 300	438,2	○	○
420 x 300	540,9	○	○

● = lagerdimension ○ = værkslager

Rustfri Info

Rustfri Info

Rustfri Info

Rustfrie og syrefaste standardkvaliteter

Farvemærkning af lagerkvaliteter

Type	EN 10088	Tilsvarende normer* AISI	SS	% min. - max. C	Cr	Ni	Mo	Andre	Farve-mrk.
Rustfri	1.4301	304	2333	≤ 0,07	17,5-19,5	8,0-10,5			
	1.4306	304L	2352	≤ 0,03	18,0-20,0	10,0-12,0			
	1.4307	304L	2352	≤ 0,03	17,5-19,5	8,0-10,5			
	1.4541	321	2337	≤ 0,08	17,0-19,0	9,0-12,0		Ti 5 x C ≤ 0,7	
Automat	1.4305	303	2346	≤ 0,10	17,0-19,0	8,0-10,0		S 0,15-0,35	
Syrefast	1.4401	316	2347	≤ 0,07	16,5-18,5	10,0-13,0	2,0-2,5		
	1.4404	316L	2348	≤ 0,03	16,5-18,5	10,0-13,0	2,0-2,5		
	1.4432	-	2343	≤ 0,03	16,5-18,5	10,5-13,0	2,5-3,0		
	1.4435	-	2353	≤ 0,03	17,0-19,0	12,5-15,0	2,5-3,0		
	1.4436	-	2343	≤ 0,05	16,5-18,5	10,5-13,0	2,5-3,0		
	1.4571	316Ti	2350	≤ 0,08	16,5-18,5	10,5-13,0	2,0-2,5	Ti 5 x C ≤ 0,7	
Højlegeret	1.4539	904L	2562	≤ 0,02	19,0-21,0	24,0-26,0	4,0-5,0	Cu 1,2-2,0	
	1.4547	(254SMO)	2378	≤ 0,02	19,5-20,5	17,5-18,5	6,0-7,0	N 0,18-0,25	
Duplex	1.4410	(SAF2507)	2328	≤ 0,03	24,0-26,0	6,0- 8,0	3,5-5,0	N 0,24-0,32	
	1.4460	329	2324	≤ 0,05	25,0-28,0	4,5- 6,5	1,3-2,0		
	1.4462	(SAF2205)	2377	≤ 0,03	21,0-23,0	4,5- 6,5	2,5-3,5	N 0,1-0,22	
Varme-bestandig	1.4828	309		≤ 0,2	19,0-21,0	11,0-13,0		Si 1,5-2,0	
	1.4835	(253MA)	2368	0,05-0,12	20,0-22,0	10,0-12,0		N 0,12-0,20 / Ce 0,03-0,08	
	1.4841	314		≤ 0,2	24,0-26,0	19,0-22,0		Si 1,5-2,5	
Ferritisk	1.4016	430	2320	≤ 0,08	16,0-18,0				
Martensitisk	1.4006	410	2302	0,08-0,15	11,5-13,5	≤ 0,75			
	1.4021	420	2303	0,16-0,25	12,0-14,0				
	1.4034	-	2304	0,43-0,50	12,5-14,5				
	1.4057	431	2321	0,12-0,22	15,0-17,0	1,5- 2,5			
	1.4104	430F	2383	0,10-0,17	15,5-17,5		0,2-0,6	S 0,15-0,35	
	1.4112	440B		0,85-0,95	17,0-19,0		0,8-1,3		
Martensitisk / Austinitisk	1.4418	-	2387	≤ 0,06	15,0-17,0	4,0- 6,0	0,8-1,5		
	1.4542	630		≤ 0,07	15,0-17,0	3,0- 5,0	≤ 0,6	Cu 3-5 / Nb	

* Sammenligningerne er orienterende, da der er forskelle mellem de internationale normer

Mekaniske værdier ved 20° C for dimensioner ≤ 160 mm

Type	EN 10088-1	Tilstand	Rp 0,2 N/mm² min. strækgrænse	Rp 1,0 N/mm² min. strækgrænse	Rm N/mm² brudstyrke	A5 % min. forlængelse	HB max hårdhed
Rustfrit	1.4301	Glødet	190	225	500-700	45	215
	1.4306	Glødet	180	215	460-680	45	215
	1.4307	Glødet	175	210	500-700	45	215
	1.4541	Glødet	190	225	500-700	40	215
Automat	1.4305	Glødet	190	225	500-750	35	230
Syrefast	1.4401	Glødet	200	235	500-700	40	215
	1.4404	Glødet	200	235	500-700	40	215
	1.4432	Glødet	200	235	500-700	40	215
	1.4435	Glødet	200	235	500-700	40	215
	1.4436	Glødet	200	235	500-700	40	215
	1.4571	Glødet	200	235	500-700	40	215
Højlegeret	1.4539	Glødet	230	260	530-730	30	230
	1.4547	Glødet	300	340	650-850	35	260
Duplex	1.4410	Glødet	550	640	800-1000	20	250
	1.4460	Glødet	460	-	620-880	20	260
	1.4462	Glødet	450	-	650-880	25	270
Varme-bestandig	1.4828	Glødet	230	270	550-750	30	223
	1.4835	Glødet	310	350	650-850	40	210
	1.4841	Glødet	230	270	550-750	30	223

Type	EN 10088-1	Tilstand	Hærdet QT	Rp 0,2 N/mm² min. strækgrænse	Rm N/mm² brudstyrke	A5 % min. forlængelse	HB max hårdhed
Ferritisk	1.4016	Glødet		240	400-630	20	200
Martensitisk	1.4006	Glødet			max. 730		220
		Hærdet	650	450	650-850	12	
	1.4021	Glødet			max. 760		230
		Hærdet	700	500	700- 850	13	
		Hærdet	800	600	800- 950	12	
	1.4034	Hærdet	650	650	850-1000	10	
	1.4057	Glødet			max. 950		295
		Hærdet	800	600	800- 950	12	
		Hærdet	900	700	900-1050	10	
	1.4104	Glødet			max. 730		220
		Hærdet	650	500	650-850	10	
	1.4112	Glødet					265
Martensitisk / Austenitisk	1.4418	Glødet			max. 1100		320
		Hærdet	900	700	900-1100	14	
	1.4542	Hærdet	H1150	725	930-1100	16	

Angivne data er uddrag af EN-normen 10088-1

Sammenligningstabel

Rustfrit stål - egenskaber

Type	EN 10088	Magnetisk	Max. bearbejdningstemperatur - Co	Generel korrosionsbestandighed	Mekaniske egenskaber	Svejsbarhed	Spåntagning
Rustfri	1.4301	Nej	700	***	**	*****	**
	1.4306	Nej	700	***	**	*****	**
	1.4307	Nej	700	***	**	*****	**
	1.4541	Nej	850	***	**	****	*
Automat	1.4305	Nej	500	**	**		*****
Syrefast	1.4401	Nej	700	****	**	****	**
	1.4404	Nej	700	****	**	****	**
	1.4432	Nej	700	****	**	****	**
	1.4435	Nej	700	****	**	*****	**
	1.4436	Nej	700	****	**	****	**
	1.4571	Nej	750	****	**	****	*
Højlegeret	1.4539	Nej	400	*****	**	***	*
	1.4547	Nej	400	******	**	***	*
Duplex	1.4410	Ja	280	******	****	*	*
	1.4460	Ja	280	*****	****	*	*
	1.4462	Ja	280	*****	****	*	*
Varme-bestandig	1.4828	Nej	1000	***	**	****	*
	1.4835	Nej	1100	****	**	****	*
	1.4841	Nej	1150	****	**	****	*
Ferritisk	1.4016	Ja	600	***	***	*	**
Martensitisk	1.4006	Ja	600	***	***	***	***
	1.4021	Ja	550	**	****	*	***
	1.4028	Ja	550	**	****	*	**
	1.4034	Ja	400	**	****		**
	1.4057	Ja	600	***	***	*	*
	1.4104	Ja	400	*	**		****
	1.4112	Ja	500	**	****		*
	1.4313	Ja	350	***	***	***	*
Martensitisk / Austenitisk	1.4418	Ja	550	***	***	***	*
	1.4542	Ja	550	***	*****	***	**

Materialecertifikater / Inspektionsdokumenter

Efter EN 10204

Standard	Dokument	Inspektions-type	Dokumentindhold	Leveringsbetingelser	Dokumentets gyldighed bekræftet af
"2.1"	Værkserklæring	Ikke-specifik	Uden angivelse af prøvningsresultater	I overensstemmelse med købsaftalens specifikationer og, hvis det kræves, også med myndigheds-regler og tilsvarende tekniske regler	Producenten
"2.2"	Værksattest	Ikke-specifik	Med angivelse af prøvnings-resultater opnået ved ikke-specifik inspek-tion og prøvning		Producenten
"3.1"	Inspektions-certifikat 3.1	Specifik	Med angivelse af prøvnings-resultater opnået ved specifik inspektion og prøvning	I overensstemmelse med købsaftalens specifikationer og, hvis det kræves, også med myndigheds-regler og tilsvarende tekniske regler	Producentens autori-serede repræsentant, som er uafhængig af produktionsafde-lingen
"3.2"	Inspektions-certifikat / rapport 3.2	Specifik		I overensstemmelse med købsaftalens specifikationer	Producentens autori-serede repræsentant, som er uafhængig af produktions-afdelingen og købers autoriserede repræ-sentant

For 3.2 certfikater skal det ved ordreafgivelse entydigt specificeres, hvad købers autoriserede repræsentant skal bekræfte. For disse certifikater betales et honorar.

Certifikater på lagerleverancer

3.1-certifikat er altid til disposition. Omkostninger for levering heraf debiteres separat, eller kan hentes gratis på www.inox.dk
PED findes på visse materialer, hvor materialeproducentens kvalitetsstyringssystem er certificeret i overensstemmelse med PED 2014/68/EU

Omstempling

Arbejdstilsynets tilladelse af 09.04.2004, på basis af vores interne kvalitetsmanual.

Ikke-destruktiv prøvning

Penetrantprøvning (DPI, Dye-pen Inspection)
Overfladesprækker, porer i overfladen

Ultralydsprøvning (UT, Ultrasonic Testing)
Indvendige sprækker / hulrum, indeslutninger, svejsefejl.
Metoden bruges også for at måle godstykkelse på f.eks. rør og rørdele.

Røntgenprøvning (RT, Radiographic Testing, X-ray)
Indvendige sprækker / hulrum, indeslutninger, svejsefejl.
Metoden bruges også for at måle godstykkelse på f.eks. rør og rørdele.
Påviser f.eks. korrosionsangreb

Magnetpulverprøvning (MPI, Magnetic Powder Inspection)
Tester overfladefejl som sprækker, bindingsfejl i svejsning og laminering i overfladen.

Hvirvelstrømsprøvning (EC, Eddy Current Testing)
Måler sprækker ned til 1 mm i materialets overflade, tykkelsesmåling incl. korrosion og coating, måling af elektrisk ledningsevne, påvisning af varmepåvirkede zoner.

Materialeidentificering (PMI, Positive Material Inspection)
Er kontrol af legerings-/materialetype

Mekaniske egenskaber på 3.1 certifikat

		Engelsk	Dansk
Rp 0,2%	MPa = N/mm2	Yield strength	Spænding (Flydespænding)
Rp 1%	MPa = N/mm2	Yield strength	Spænding
Rm	MPa = N/mm2	Tensile strength	Brudstyrke eller Trækstyrke
A%		Elongation	Brudforlængelse
KV (J)	ISO-V	Impact value	Slagsejhed
HB	HV	Hardness	Hårdhed HB = Brinell / HV = Vickers
Z%		Reduction of area	(Indsnøring)

Rustfrie standarder og normer

Stang

Udførelse	DIN-norm (gammel)	EN-norm (ny)	Note
Stang (generelt)	til trykformål	DIN 17440	EN 10272	EN 10222-5 (smedet)
Rund	varm	DIN 1013 (+/- tol)	EN 10060	
Rund	kold/slebet	DIN 671 (h9)	EN 10278	
Rund	kold/slebet	DIN 670 (h8)	EN 10278	
Rund	kold/slebet	DIN 59360 (h7)	EN 10278	
Firkant	varm	DIN 1014 (+/- tol)	EN 10059	
Firkant	kold	DIN 178 (h11)	EN 10278	
Sekskant	varm	DIN 1015 (+/- tol)	EN 10061	
Sekskant	kold	DIN 176 (h11)	EN 10278	
Flad	varm	DIN 1017 (+/- tol)	EN 10058	
Flad	kold	DIN 174 (h11)	EN 10278	
Flad	klippet	se pladenormer	se pladenormer	
Vinkel	varm	DIN 1028	EN 10056	
Vinkel ulige	varm	DIN 1029	EN 10056	
I-Profil	varm	DIN 1025	EN 10034	
U-Profil	varm	DIN 1026	EN 10279	
T-Profil	varm	DIN 1024	EN 10055	
Armeringsstål		DIN 488		
Gevindstang				ISO 3506-1

Rør

Udførelse	DIN-norm (gammel)	EN-norm (ny)	Note
Svejste rør	V = 1,0	DIN 17457	EN 10217-7	TC1 = stikprøve TC2 = test af alle rør
Sømløse rør		DIN 17458	EN 10216-5	TC1 = stikprøve TC2 = test af alle rør
Sømløse Hydraulikrør		DIN 2391	EN 10305-4	
Mejerirør	V = 1,0	DIN 11850	EN 10357	
HF- / deko-rør	V = 0,8	DIN 17455	EN 10296-2	
Emnerør		DIN 17458	EN 10294-2	

Rustfrie standarder og normer

Generelle materialenormer

EN 10088-1	Liste over rustfrie kvaliteter
EN 10088-2	Tekniske leveringsbestemmelser for flade produkter til almindelige formål
EN 10088-3	Tekniske leveringsbestemmelser for stang, tråd og profiler til almindelige formål
EN 10088-4	Tekniske leveringsbestemmelser for flade produkter til konstruktionsformål CE
EN 10088-5	Tekniske leveringsbestemmelser for stang, tråd og profiler til konstruktionsformål CE

Generelle materialenormer til trykformål

EN 10028-7	Standard for plader til trykformål (erstatter DIN 17440 + ADW2)
EN 10272	Standard for stangstål til trykformål (erstatter DIN 17440 + ADW2)
EN 10222-5	Standard for smedet materiale til trykformål
EN 10213-4	Standard for støbt materiale til trykformål
EN 10217-7	Standard for svejste rør til trykformål (erstatter DIN 17457 + ADW2)
EN 10216-5	Standard for sømløse rør til trykformål (erstatter DIN 17458 + ADW2)
ADW2	Standard for trykformål (bruges som tillæg til DIN 17440, DIN 17457 og DIN 17458)
PED 2014/68/EU	Standard for trykformål (erstatter ADW2)

Tolerancenormer

ISO 286-2	Tolerance standard for stang (indeholder h- og k-tolerancer)
ISO 1127	Tolerance standard for rør (indeholder D- og T-tolerancer)
ISO 9445	Tolerance standard for koldtvalsede plader
ISO 9444	Tolerance standard for varmtvalsede plader ≤ 12 mm
EN 10029	Tolerance standard for varmtvalsede plader > 13 mm
ISO 2938	Tolerance standard for emnerør
DIN 7527-6	Tolerance standard for smedet stang

Certifikatnorm

EN 10204	Certifikat standard (erstatter DIN 50049)

Flanger

Udførelse	DIN-norm (gammel)	EN-norm (ny)
Blindflanger	DIN 2527	EN 1092-1 Type 05
Gevindflanger	DIN 2566	EN 1092-1 Type 13
Påsvejsningsflanger	DIN 2576	EN 1092-1 Type 01
Flanger m/krave	DIN 2631 - 2637	EN 1092-1 Type 11
Løsflanger	DIN 2642	EN 1092-1 Type 02

PED 2014/68/EU Tidligere PED 97/23/EC

PED står for "Pressure Equipment Directive" og er den fælles EU-norm for materialer og udstyr til trykbærende anlæg. For at et materiale kan være PED-godkendt, skal 2 ting være opfyldt:

1. Værket skal have en PED-godkendelse.
2. Materialet skal være produceret efter en harmoniseret EN-standard.

Følgende EN-standarder er godkendt til trykbærende formål i PED 2014/68/EU

- EN 10028-7 Plader
- EN 10272 Stang
- EN 10216-5 Sømløse Rør
- EN 10217-7 Svejste Rør
- EN 10213-4 Støbegods
- EN 10222-5 Smedegods
- EN 1092-1 Flanger
- EN 10253-4 Svejsefittings
- EN 12516-3 Kuglehaner
- EN 10204 Certifikater

Hvis materialet ikke er produceret efter én af ovenstående EN-normer, er PED-godkendelsen for værket ikke gyldig på det pågældende materiale.

Værket skal ikke foretage ekstra tests af materialet på 3.1 certifikat i forhold til normalt, det er nok at værket er PED-godkendt og at materialet produceres efter en harmoniseret standard.

Service Center

Service Center

1 Skæring

2 Savning

Skæring

I Skærecenteret kan du selv levere tegninger eller vi kan tegne emnerne for dig.

Produkter

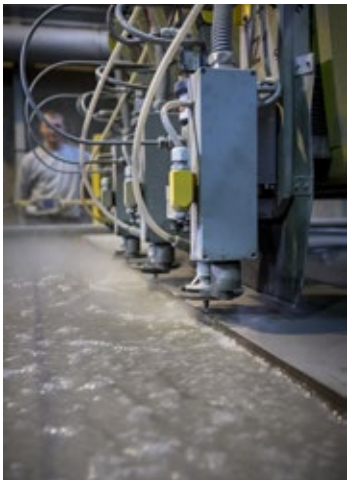
Plade	Plasmaskæring	Vandstråleskæring
Tykkelse mm	8 - 150	8 - 150
Format mm	7000 x 2500	4000 x 3000

Vandstråleskæring

Teknologien bag vandstråleskæring tager udgangspunkt i en højtrykspumpe - Intensifieren.
I denne Intensifier påføres skærevandet et tryk på op til ca. 4000 bar. Det høje vandtryk accelererer vandet op til hastigheder på 750 - 1000 m/sek. når strålen forlader selve skæredysen. Dermed er det muligt at skære i stort set alle former for materiale. Blødt såvel som hårdt.

Ved hårde materialer som glas. kobber, aluminium, rustfri stål, beton osv. tilsættes vandet fint sand, abrasiv middel, typisk garnet sand. Derved skærer/sliber vandet sig gennem materialer.

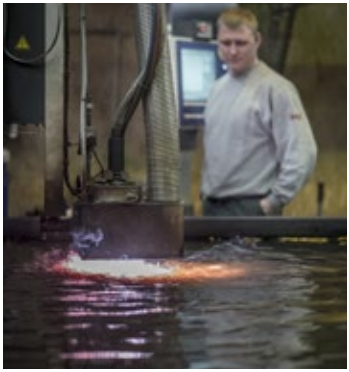
- Vandstråleskæring giver kun lidt eller ingen efterbearbejdning
- Vi kan lave markeringer i emnerne
- Vi skærer også i andet end rustfrit
- Vi kan skære emner i op til 150 mm tykkelse



Plasmaskæring

Plasmaskæring er en elektrisk lysbueproces.
Snitfugen dannes ved smeltning og delvis fordampning.
Der benyttes en plasmastråle, der består af en strøm af luftarter med stor hastighed, høj elektrisk spænding og en temperatur på ca. 20.000oC.

Vi skærer under vand op til 60 mm, hvilket betyder, at emnet
- bliver mindre ophærdet i skærekanten
- er nemmere at efterbearbejde



Savning

I Savecenteret saver vi skiver af alle vores standardkvaliteter, dog ikke materialer med slebet overflade.

Produkt	Dimension mm
Skaldrejet rundstål	65 - 500
Emnerør	Min. 63

Vores hårdmetalklinger giver en pæn overflade
Vi kan stemple chargenr. i skiverne
Vi saver skiver ned til 10 mm tykkelse.

Italiensk passion
Dansk struktur
International klasse

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