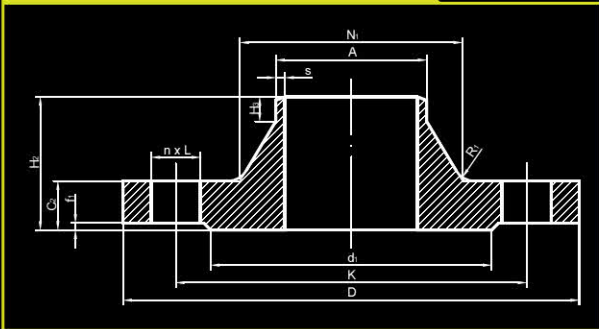




**Flanschen**

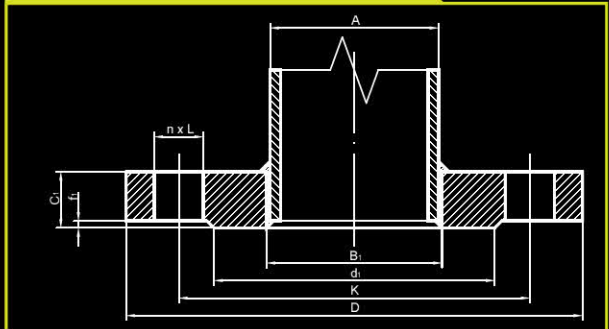
**B**  **CAR**  
GMBH

## VORSCHWEIßFLANSCH



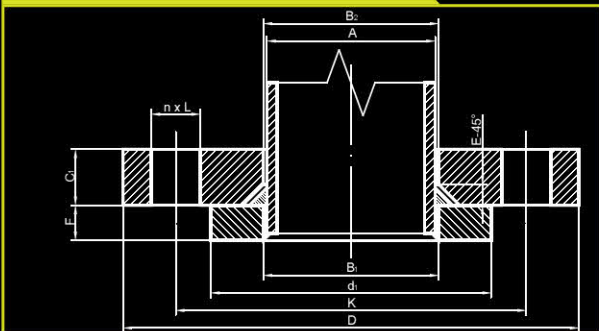
- gem. Norm**
- |                 |                    |
|-----------------|--------------------|
| DIN 2631 PN 6   | DIN 2638 PN 160    |
| DIN 2632 PN 10  | DIN 2628 PN 250    |
| DIN 2633 PN 16  | DIN 2629 PN 320    |
| DIN 2634 PN 25  | DIN 2627 PN 400    |
| DIN 2635 PN 40  | EN 1092-1, Typ 11  |
| DIN 2636 PN 64  | ISO 7005-1, Typ 11 |
| DIN 2637 PN 100 |                    |

## GLATTE FLANSCH



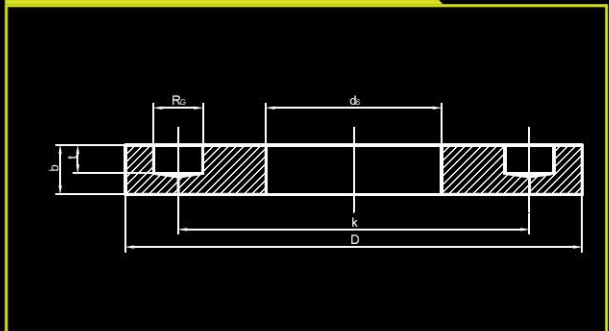
- gem. Norm**
- |                    |
|--------------------|
| DIN 2573 PN 6      |
| DIN 2576 PN 10     |
| EN 1092-1, Typ 01  |
| ISO 7005-1, Typ 01 |

## LOSE FLANSCH



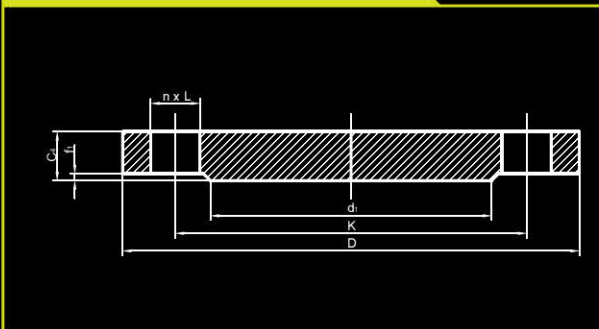
- gem. Norm**
- |                    |
|--------------------|
| DIN 2641 PN 6      |
| DIN 2642 PN 10     |
| DIN 2655 PN 25     |
| DIN 2656 PN 40     |
| EN 1092-1, Typ 02  |
| ISO 7005-1, Typ 02 |

## BLOCKFLANSCH



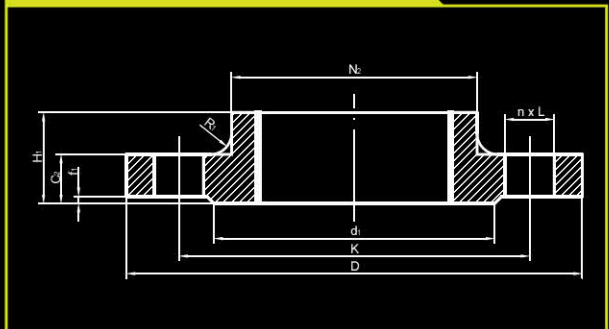
- gem. Norm**
- |                     |
|---------------------|
| DIN 28117 / A PN 10 |
| DIN 28117 / A PN 16 |
| DIN 28117 / A PN 40 |

## BLINDFLANSCH



- gem. Norm**
- |                         |                    |
|-------------------------|--------------------|
| DIN 2527 PN 6, PN 10    |                    |
| DIN 2527 PN 16, PN 25   | EN 1092-1, Typ 05  |
| DIN 2527 PN 40, PN 64   | ISO 7005-1, Typ 05 |
| DIN 2527 PN 100, PN 160 |                    |
| DIN 2527 PN 250, PN 300 |                    |
| DIN 2527 PN 400         |                    |

## GEWINDEFLANSCH



- gem. Norm**
- |                    |
|--------------------|
| DIN 2565 PN 6      |
| DIN 2566 PN 16     |
| DIN 2567 PN 40     |
| DIN 2568 PN 64     |
| EN 1092-1, Typ 13  |
| ISO 7005-1, Typ 13 |

# ASME / ASTM ANSI B 16.5 ANSI B 16.47 ANSI B 16.36

WELDING NECK FLANGES

BLIND FLANGES

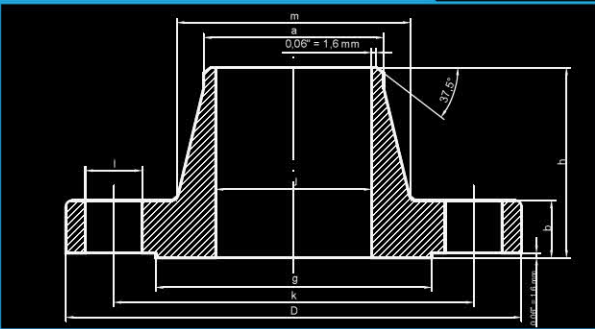
THREADED FLANGES

LAP JOINT FLANGES

SLIP-ON FLANGES

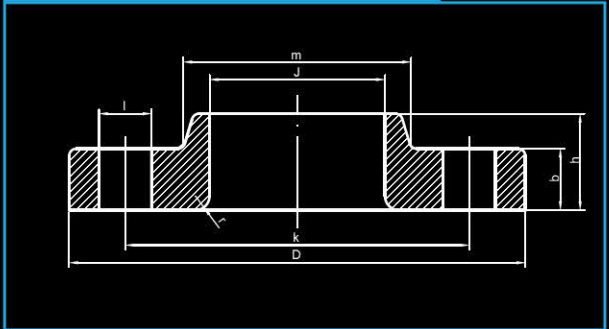
SOCKET WELDING FL

## WELDING NECK FL.



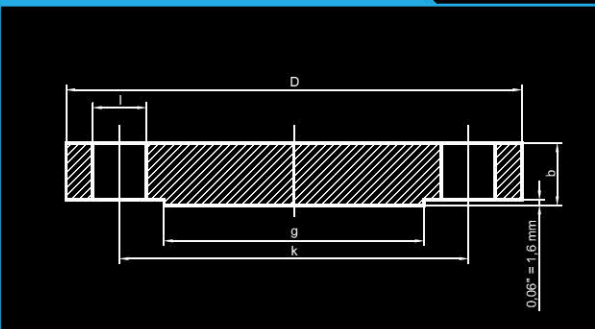
- gem. Norm**
- WN - Class 150 lbs
  - WN - Class 300 lbs
  - WN - Class 400 lbs
  - WN - Class 600 lbs
  - WN - Class 900 lbs
  - WN - Class 1500 lbs
  - WN - Class 2500 lbs

## LAP JOINT FLANGES



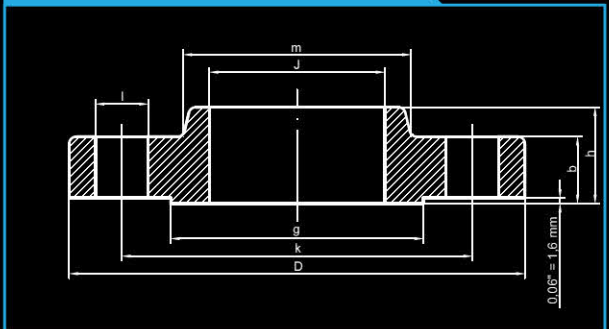
- gem. Norm**
- LJ - Class 150 lbs
  - LJ - Class 300 lbs
  - LJ - Class 400 lbs
  - LJ - Class 600 lbs
  - LJ - Class 900 lbs

## BLIND FLANGES



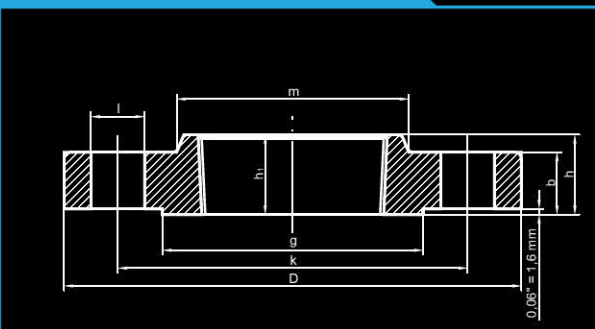
- gem. Norm**
- BL - Class 150 lbs
  - BL - Class 300 lbs
  - BL - Class 400 lbs
  - BL - Class 600 lbs
  - BL - Class 900 lbs
  - BL - Class 1500 lbs
  - BL - Class 2500 lbs

## SLIP-ON FLANGES



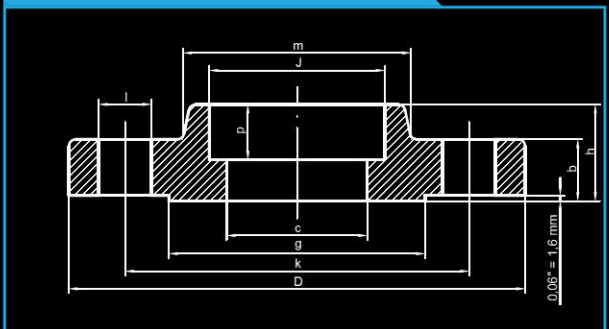
- gem. Norm**
- SO - Class 150 lbs
  - SO - Class 300 lbs
  - SO - Class 400 lbs
  - SO - Class 600 lbs
  - SO - Class 900 lbs
  - SO - Class 1500 lbs

## THREADED FLANGES



- gem. Norm**
- TH - Class 150 lbs
  - TH - Class 300 lbs
  - TH - Class 400 lbs
  - TH - Class 600 lbs
  - TH - Class 900 lbs
  - TH - Class 1500 lbs
  - TH - Class 2500 lbs

## SOCKET WELDING FL



- gem. Norm**
- SW - Class 150 lbs
  - SW - Class 300 lbs
  - SW - Class 600 lbs
  - SW - Class 1500 lbs



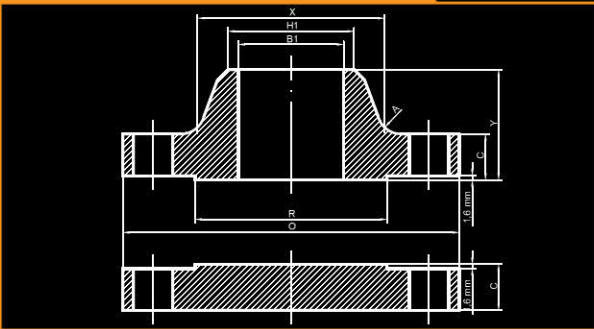
# MSS SP - 44 BS 2393

WELDING NECK FLANGES

# API STD 605

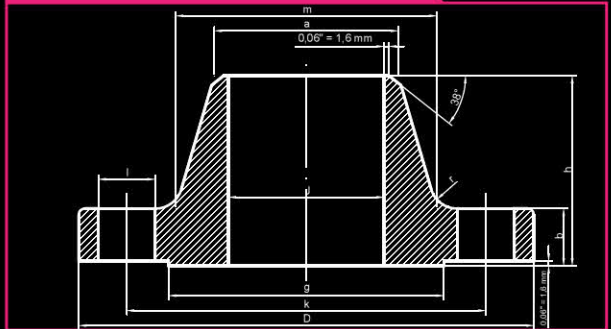
WELDING NECK FLANGES

## WELDING NECK FL.



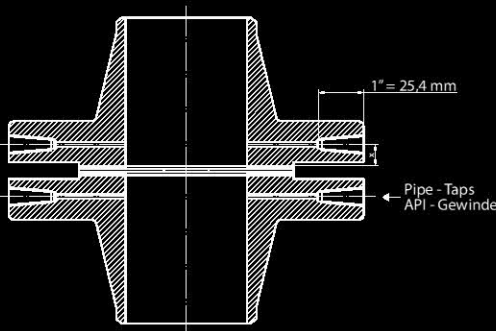
- gem. Norm**
- WN - Class 150 lbs
  - WN - Class 300 lbs
  - WN - Class 400 lbs
  - WN - Class 600 lbs
  - WN - Class 900 lbs

## WELDING NECK FL.



- gem. Norm**
- WN - Class 75 lbs
  - WN - Class 150 lbs
  - WN - Class 300 lbs
  - WN - Class 400 lbs
  - WN - Class 600 lbs
  - WN - Class 900 lbs

## ORIFACE FLANGES

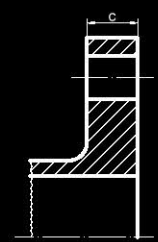


Form: A - Glatte Dichtfläche

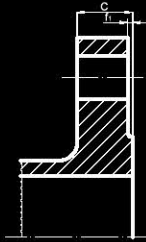
Form: B - Dichtleiste (B1 und B2)

Form: C - mit Feder

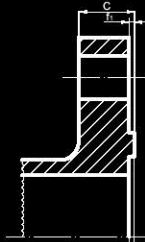
Form: D - mit Nut



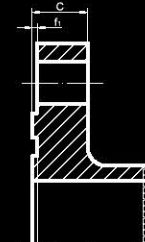
Form: E - mit Vorsprung



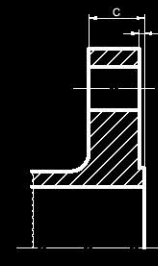
Form: F - mit Rücksprung



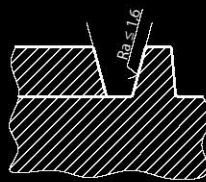
Form: G - mit O-Ring Vorsprung



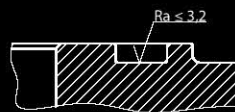
Form: H - mit O-Ring Nut



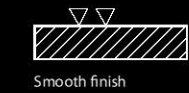
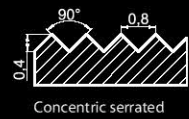
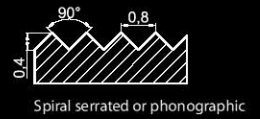
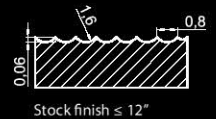
Ring Joint Facings  
Flächenbearbeitung mit Ringnut



Tongue / Groove  
Small Male / Female Facings  
Flächenbearbeitung Feder / Nut  
kleiner Vor- und Rücksprung



Raised Face  
Large Male / Female Facings  
Flächenbearbeitung Dichtleiste  
(Stock Finish), großer Vor- und Rücksprung



## DIN / EN / ISO STANDARD

**Abmessungen:** DN 10 – DN 2000

**Wandstärken:** nach Vereinbarung

**Druckstufen:** PN 6 – PN 250

### DIN - MATERIAL

#### Edelbaustähle / DIN 17243

C 22.8	( 1.0460 )
15Mo3	( 1.5415 )
13CrMo44	( 1.7335 )
10CrMo9-10	( 1.7380 )

#### DIN 17102 / DIN 17103

TStE 355	( 1.0546 )
WStE 355	( 1.0565 )

### EN - MATERIAL

#### Niedriglegierte St. / DIN EN 10222-2

P250 GH	( 1.0460 )
P280 GH	( 1.0426 )
16Mo3	( 1.5415 )
13CrMo4-5	( 1.7335 )
11CrMo 9-10	( 1.7383 )
X10CrMoVNb9-1	( 1.4903 )
X20CrMoV11-1	( 1.4922 )

#### Feinkornstähle / DIN EN 10222-4

P285 NH	( 1.0477 )
P285 QH	( 1.0478 )
P355 NH	( 1.0565 )
P355 QH	( 1.0571 )

#### Edelstähle / DIN EN 10222-5

X5CrNi18-10	( 1.4301 )
X6CrNiTi18-10	( 1.4541 )
X2CrNiMo17-12-2	( 1.4404 )
X6CrNiMoTi17-12-2	( 1.4571 )
X2CrNiMo18-14-3	( 1.4435 )
X2CrNiMoN22-5-3	( 1.4462 )
X2CrNiMoN25-7-4	( 1.4410 )
X1NiCrMoN25-20-7	( 1.4529 )
X1NiCrMoCu25-20-5	( 1.4539 )
X1CrNiMoCuN20-18-7	( 1.4547 )

#### Hitze- und Säurebeständig DIN EN 10095

X10NiCrAlTi32-21	( 1.4876 )
X15CrNiSi20-12	( 1.4828 )
X15CrNiSi25-21	( 1.4841 )

#### Zertifikate:

- Zertifikat gem. EN 10204 - 3.1 nach PED 97/23/EG und NACE MR 0175  
Zertifikat gem. EN 10204 - 3.2 von unabhängigen Gesellschaften:  
- LRS ( Lloyd's Reg. of Shipping )  
- TÜV , - DNV , - GL , - ABS , - BV , . . .

#### Sondergütern:

- ALLOY -20, -59, -200  
MONEL -400  
INCONEL -600, -601, -625  
INCOLOY -800, -825  
TITAN Gr. 2, Gr. 3, Gr. 5, Gr. 12

## ASME / ASTM STANDARD

**Abmessungen:** 1/2" – 72"

**Wandstärken:** Sch. 5 - XXS

**Druckstufen:** 150, 300, ... 2500 lbs

### MATERIAL

#### Kohlen-Stähle

ASME SA 105 N

#### Stähle für Tief-Temp.-Einsatz

ASME SA 350 Grade LF 2  
ASME SA 350 Grade LF 3

#### Niedriglegierte-Stähle

ASME SA 182 Grade F 5  
ASME SA 182 Grade F 6  
ASME SA 182 Grade F 9  
ASME SA 182 Grade F 11  
ASME SA 182 Grade F 12  
ASME SA 182 Grade F 22  
ASME SA 182 Grade F 91

ASME SA 694 Grade F 42  
ASME SA 694 Grade F 44  
ASME SA 694 Grade F 52  
ASME SA 694 Grade F 65

#### Edel-Stähle

ASME SA 182 Grade F 304 ( L ) ( H )  
ASME SA 182 Grade F 310  
ASME SA 182 Grade F 316 ( L )  
ASME SA 182 Grade F 321 ( H )  
ASME SA 182 Grade F 347 ( H )  
ASME SA 182 Grade F 904 L

#### Duplex- Stähle

ASME SA 182 F 51 ( Duplex )  
ASME SA 182 F 53 ( SuperDuplex )  
ASME SA 182 F 55 ( SuperDuplex )

#### Hochlegierte Ni-Stähle

ALLOY -20, -59, -200  
MONEL -400  
INCONEL -600, -601, -625  
INCOLOY -800, -825  
TITAN Gr. 2, Gr. 3, Gr. 5, Gr. 12

#### Zertifikate:

- Zertifikat gem. EN 10204 - 3.1 nach PED 97/23/EG und NACE MR 0175  
Zertifikat gem. EN 10204 - 3.2 von unabhängigen Gesellschaften:  
- LRS ( Lloyd's Reg. of Shipping )  
- TÜV , - DNV , - GL , - ABS , - BV . . .







**BOCAR GmbH**  
JOSEF-BAUMANN-STR. 21  
D-44805 BOCHUM

TEL. +49 / 234 / 978887-0  
FAX. +49 / 234 / 978887-29

E-MAIL: [INFO@BOCAR.EU](mailto:INFO@BOCAR.EU)  
[WWW.BOCAR.EU](http://WWW.BOCAR.EU)