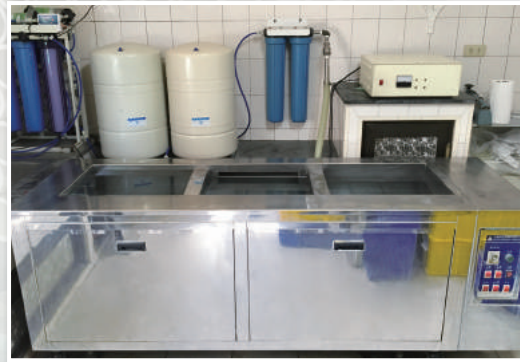




HAOYI



**A**

CENTERRING RING

5

**B**

KF NW FLANGE

27

**C**

KF NW CLAMP

41

**D**

ISO FLANGE

53

**E**

CF CR FLANGE

61

**F**

HOSES & BELLOWS

73

# A CENTERING RING

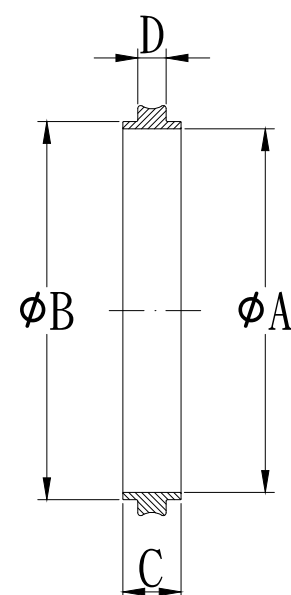
- 06 KF NW Centering Ring
- 07 KF NW Centering Ring With O-ring
- 08 ISO Centering Ring(SUS304)
- 09 ISO Centering Ring(AL)
- 10 ISO Centering Ring(SUS304) With O-ring
- 11 ISO Centering Ring(AL) With O-ring
- 12 ISO Centering Ring(SUS304) & O-ring With Outer Ring
- 13 ISO Centering Ring(AL) & O-ring With Outer Ring
- 14 KF NW Centering Ring
- 15 KF NW Outer Ring
- 16 KF NW Centering Ring & O-ring With Outer Ring
- 17 KF NW Reducer Centering Ring
- 18 KF NW Reducer Centering Ring With O-ring
- 19 KF NW Sceened Centering Ring
- 20 KF NW Sceened Centering Ring With O-ring
- 21 ISO Sceened Centering Ring & O-ring With Outer Ring
- 22 KF NW Overpressure Ring
- 23 KF NW ISO Viton / NBR O'Ring





# CENTERING RING

HAOYI KF NW Centering Ring



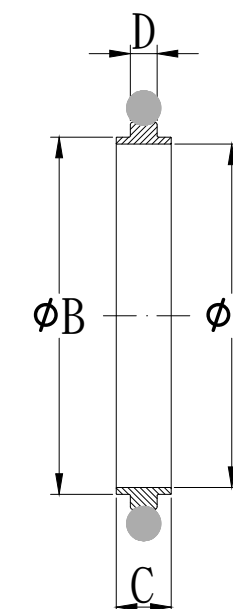
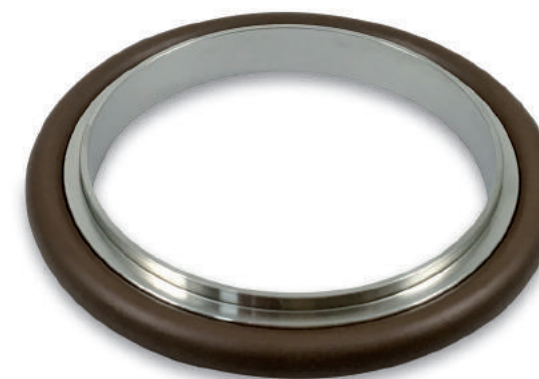
| Model No. | C/R Material | A  | B  | C | D   |
|-----------|--------------|----|----|---|-----|
| KF-10-CRS | SUS304       | 10 | 12 | 8 | 3.9 |
| KF-16-CRS | SUS304       | 16 | 17 | 8 | 3.9 |
| KF-25-CRS | SUS304       | 25 | 26 | 8 | 3.9 |
| KF-40-CRS | SUS304       | 40 | 41 | 8 | 3.9 |
| KF-50-CRS | SUS304       | 50 | 52 | 8 | 3.9 |

| Model No. | C/R Material | A  | B  | C | D   |
|-----------|--------------|----|----|---|-----|
| KF-10-CRA | AL           | 10 | 12 | 8 | 3.9 |
| KF-16-CRA | AL           | 16 | 17 | 8 | 3.9 |
| KF-25-CRA | AL           | 25 | 26 | 8 | 3.9 |
| KF-40-CRA | AL           | 40 | 41 | 8 | 3.9 |
| KF-50-CRA | AL           | 50 | 52 | 8 | 3.9 |



# CENTERING RING

HAOYI KF NW Centering Ring With O-ring



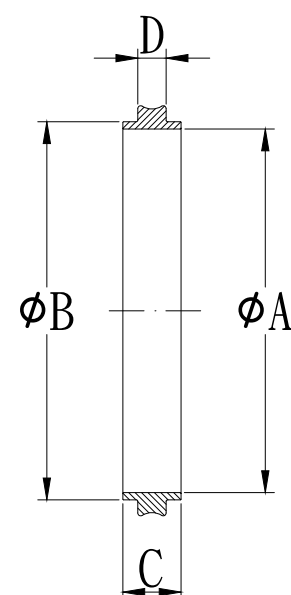
| Model No.   | C/R Material | O-ring Material | O-ring Size | A  | B  | C | D   |
|-------------|--------------|-----------------|-------------|----|----|---|-----|
| KF-10-CRS-V | SUS304       | VITON           | AS-311      | 10 | 12 | 8 | 3.9 |
| KF-16-CRS-V | SUS304       | VITON           | AS-314      | 16 | 17 | 8 | 3.9 |
| KF-25-CRS-V | SUS304       | VITON           | AS-320      | 25 | 26 | 8 | 3.9 |
| KF-40-CRS-V | SUS304       | VITON           | AS-326      | 40 | 41 | 8 | 3.9 |
| KF-50-CRS-V | SUS304       | VITON           | AS-330      | 50 | 52 | 8 | 3.9 |

| Model No.   | C/R Material | O-ring Material | O-ring Size | A  | B  | C | D   |
|-------------|--------------|-----------------|-------------|----|----|---|-----|
| KF-10-CRA-V | AL           | VITON           | AS-311      | 10 | 12 | 8 | 3.9 |
| KF-16-CRA-V | AL           | VITON           | AS-314      | 16 | 17 | 8 | 3.9 |
| KF-25-CRA-V | AL           | VITON           | AS-320      | 25 | 26 | 8 | 3.9 |
| KF-40-CRA-V | AL           | VITON           | AS-326      | 40 | 41 | 8 | 3.9 |
| KF-50-CRA-V | AL           | VITON           | AS-330      | 50 | 52 | 8 | 3.9 |



# CENTERING RING

HAOYI ISO Centering Ring(SUS304)

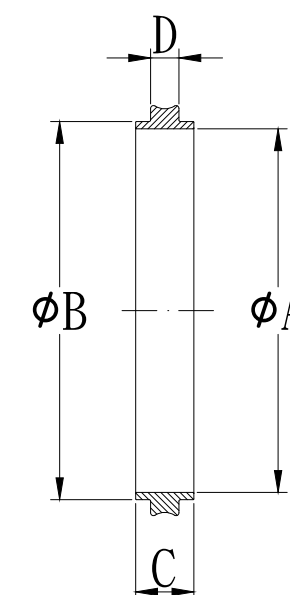


| Model No.   | C/R Material | A     | B     | C  | D   |
|-------------|--------------|-------|-------|----|-----|
| ISO-63-CRS  | SUS304       | 67    | 69.6  | 8  | 3.9 |
| ISO-80-CRS  | SUS304       | 80    | 82.6  | 8  | 3.9 |
| ISO-100-CRS | SUS304       | 99    | 101.6 | 8  | 3.9 |
| ISO-160-CRS | SUS304       | 150   | 152.6 | 8  | 3.9 |
| ISO-200-CRS | SUS304       | 210   | 212.6 | 8  | 3.9 |
| ISO-250-CRS | SUS304       | 257.5 | 260.4 | 8  | 3.9 |
| ISO-320-CRS | SUS304       | 312   | 317.3 | 12 | 5.6 |
| ISO-400-CRS | SUS304       | 394   | 399.2 | 12 | 5.6 |
| ISO-500-CRS | SUS304       | 494   | 500.2 | 12 | 5.6 |



# CENTERING RING

HAOYI ISO Centering Ring(AL)

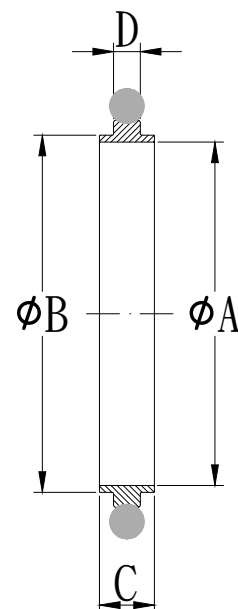


| Model No.   | C/R Material | A     | B     | C  | D   |
|-------------|--------------|-------|-------|----|-----|
| ISO-63-CRA  | AL           | 67    | 69.6  | 8  | 3.9 |
| ISO-80-CRA  | AL           | 80    | 82.6  | 8  | 3.9 |
| ISO-100-CRA | AL           | 99    | 101.6 | 8  | 3.9 |
| ISO-160-CRA | AL           | 150   | 152.6 | 8  | 3.9 |
| ISO-200-CRA | AL           | 210   | 212.6 | 8  | 3.9 |
| ISO-250-CRA | AL           | 257.5 | 260.4 | 8  | 3.9 |
| ISO-320-CRA | AL           | 312   | 317.3 | 12 | 5.6 |
| ISO-400-CRA | AL           | 394   | 399.2 | 12 | 5.6 |
| ISO-500-CRA | AL           | 494   | 500.2 | 12 | 5.6 |



## CENTERING RING

HAOYI ISO Centering Ring(SUS304) With O-ring

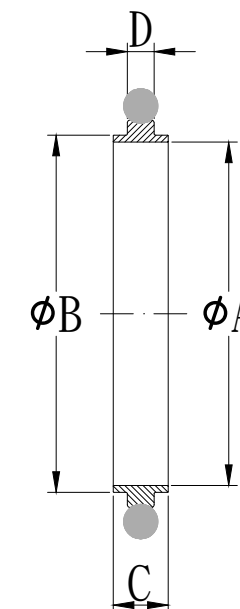


| Model No.     | C/R Material | O-ring Material | O-ring Size | A     | B     | C  | D   |
|---------------|--------------|-----------------|-------------|-------|-------|----|-----|
| ISO-63-CRS-V  | SUS304       | VITON           | AS-337      | 67    | 69.6  | 8  | 3.9 |
| ISO-80-CRS-V  | SUS304       | VITON           | AS-341      | 80    | 82.6  | 8  | 3.9 |
| ISO-100-CRS-V | SUS304       | VITON           | AS-347      | 99    | 101.6 | 8  | 3.9 |
| ISO-160-CRS-V | SUS304       | VITON           | AS-362      | 150   | 152.6 | 8  | 3.9 |
| ISO-200-CRS-V | SUS304       | VITON           | AS-371      | 210   | 212.6 | 8  | 3.9 |
| ISO-250-CRS-V | SUS304       | VITON           | AS-378      | 257.5 | 260.4 | 8  | 3.9 |
| ISO-320-CRS-V | SUS304       | VITON           | AS-454      | 312   | 317.3 | 12 | 5.6 |
| ISO-400-CRS-V | SUS304       | VITON           | AS-461      | 394   | 399.2 | 12 | 5.6 |
| ISO-500-CRS-V | SUS304       | VITON           | AS-469      | 494   | 500.2 | 12 | 5.6 |



## CENTERING RING

HAOYI ISO Centering Ring(AL) With O-ring



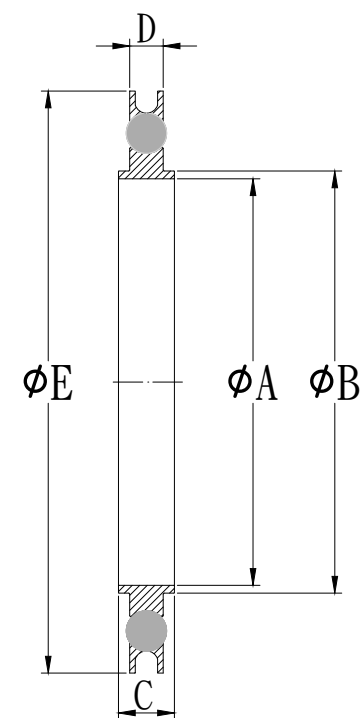
| Model No.     | C/R Material | O-ring Material | O-ring Size | A     | B     | C  | D   |
|---------------|--------------|-----------------|-------------|-------|-------|----|-----|
| ISO-63-CRA-V  | AL           | VITON           | AS-337      | 67    | 69.6  | 8  | 3.9 |
| ISO-80-CRA-V  | AL           | VITON           | AS-341      | 80    | 82.6  | 8  | 3.9 |
| ISO-100-CRA-V | AL           | VITON           | AS-347      | 99    | 101.6 | 8  | 3.9 |
| ISO-160-CRA-V | AL           | VITON           | AS-362      | 150   | 152.6 | 8  | 3.9 |
| ISO-200-CRA-V | AL           | VITON           | AS-371      | 210   | 212.6 | 8  | 3.9 |
| ISO-250-CRA-V | AL           | VITON           | AS-378      | 257.5 | 260.4 | 8  | 3.9 |
| ISO-320-CRA-V | AL           | VITON           | AS-454      | 312   | 317.3 | 12 | 5.6 |
| ISO-400-CRA-V | AL           | VITON           | AS-461      | 394   | 399.2 | 12 | 5.6 |
| ISO-500-CRA-V | AL           | VITON           | AS-469      | 494   | 500.2 | 12 | 5.6 |



## CENTERING RING

HAOYI

ISO Centering Ring(SUS304) & O-ring With Outer Ring



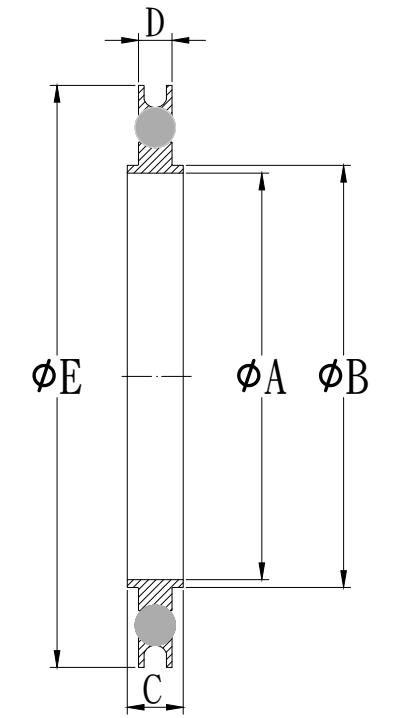
| Model No.        | O/R Material | C/R Material | O-ring Material | O-ring Size | A     | B     | C  | D   | E   |
|------------------|--------------|--------------|-----------------|-------------|-------|-------|----|-----|-----|
| ISO-63-OCRA-S-V  | AL           | SUS304       | VITON           | AS-337      | 67    | 69.6  | 8  | 3.9 | 94  |
| ISO-80-OCRA-S-V  | AL           | SUS304       | VITON           | AS-341      | 80    | 82.6  | 8  | 3.9 | 109 |
| ISO-100-OCRA-S-V | AL           | SUS304       | VITON           | AS-347      | 99    | 101.6 | 8  | 3.9 | 128 |
| ISO-160-OCRA-S-V | AL           | SUS304       | VITON           | AS-362      | 150   | 152.6 | 8  | 3.9 | 179 |
| ISO-200-OCRA-S-V | AL           | SUS304       | VITON           | AS-371      | 210   | 212.6 | 8  | 3.9 | 238 |
| ISO-250-OCRA-S-V | AL           | SUS304       | VITON           | AS-378      | 257.5 | 260.4 | 8  | 3.9 | 287 |
| ISO-320-OCRA-S-V | AL           | SUS304       | VITON           | AS-454      | 312   | 317.3 | 12 | 5.6 | 344 |
| ISO-400-OCRA-S-V | AL           | SUS304       | VITON           | AS-461      | 394   | 399.2 | 12 | 5.6 | 446 |
| ISO-500-OCRA-S-V | AL           | SUS304       | VITON           | AS-469      | 494   | 500.2 | 12 | 5.6 | 535 |



## CENTERING RING

HAOYI

ISO Centering Ring(AL) & O-ring With Outer Ring

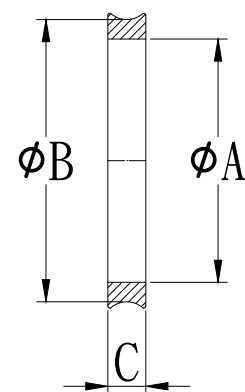


| Model No.        | O/R Material | C/R Material | O-ring Material | O-ring Size | A     | B     | C  | D   | E   |
|------------------|--------------|--------------|-----------------|-------------|-------|-------|----|-----|-----|
| ISO-63-OCRA-A-V  | AL           | AL           | VITON           | AS-337      | 67    | 69.6  | 8  | 3.9 | 94  |
| ISO-80-OCRA-A-V  | AL           | AL           | VITON           | AS-341      | 80    | 82.6  | 8  | 3.9 | 109 |
| ISO-100-OCRA-A-V | AL           | AL           | VITON           | AS-347      | 99    | 101.6 | 8  | 3.9 | 128 |
| ISO-160-OCRA-A-V | AL           | AL           | VITON           | AS-362      | 150   | 152.6 | 8  | 3.9 | 179 |
| ISO-200-OCRA-A-V | AL           | AL           | VITON           | AS-371      | 210   | 212.6 | 8  | 3.9 | 238 |
| ISO-250-OCRA-A-V | AL           | AL           | VITON           | AS-378      | 257.5 | 260.4 | 8  | 3.9 | 287 |
| ISO-320-OCRA-A-V | AL           | AL           | VITON           | AS-454      | 312   | 317.3 | 12 | 5.6 | 344 |
| ISO-400-OCRA-A-V | AL           | AL           | VITON           | AS-461      | 394   | 399.2 | 12 | 5.6 | 446 |
| ISO-500-OCRA-A-V | AL           | AL           | VITON           | AS-469      | 494   | 500.2 | 12 | 5.6 | 535 |



# CENTERING RING

HAOYI KF NW Centering Ring



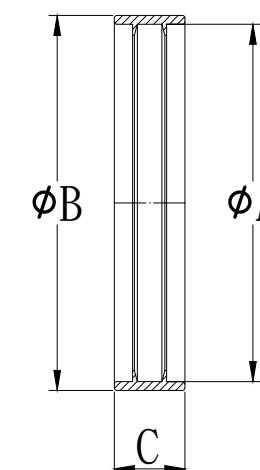
| Model No.    | C/R Material | A  | B  | C   |
|--------------|--------------|----|----|-----|
| KF-16-OCRS-1 | SUS304       | 16 | 19 | 3.9 |
| KF-25-OCRS-1 | SUS304       | 25 | 29 | 3.9 |
| KF-40-OCRS-1 | SUS304       | 40 | 42 | 3.9 |
| KF-50-OCRS-1 | SUS304       | 50 | 55 | 3.9 |

| Model No.    | C/R Material | A  | B  | C   |
|--------------|--------------|----|----|-----|
| KF-16-OCRS-1 | SUS316L      | 16 | 19 | 3.9 |
| KF-25-OCRS-1 | SUS316L      | 25 | 29 | 3.9 |
| KF-40-OCRS-1 | SUS316L      | 40 | 42 | 3.9 |
| KF-50-OCRS-1 | SUS316L      | 50 | 55 | 3.9 |



# CENTERING RING

HAOYI KF NW Outer Ring



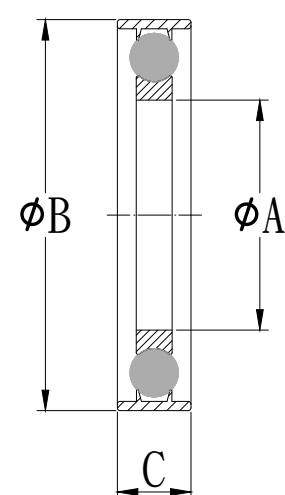
| Model No.    | C/R Material | A    | B    | C |
|--------------|--------------|------|------|---|
| KF-16-OCRA-2 | SUS304       | 30.5 | 32.5 | 8 |
| KF-25-OCRA-2 | SUS304       | 40.5 | 42.5 | 8 |
| KF-40-OCRA-2 | SUS304       | 55.5 | 57.5 | 8 |
| KF-50-OCRA-2 | SUS304       | 75.5 | 77.5 | 8 |

| Model No.    | C/R Material | A    | B    | C |
|--------------|--------------|------|------|---|
| KF-16-OCRS-2 | AL           | 30.5 | 32.5 | 8 |
| KF-25-OCRS-2 | AL           | 40.5 | 42.5 | 8 |
| KF-40-OCRS-2 | AL           | 55.5 | 57.5 | 8 |
| KF-50-OCRS-2 | AL           | 75.5 | 77.5 | 8 |



# CENTERING RING

KF NW Centering Ring & O-ring With Outer Ring



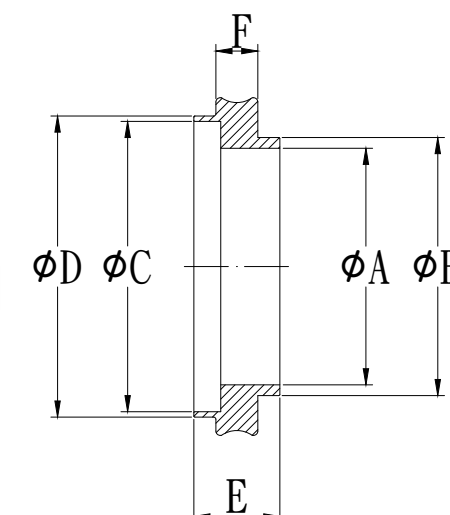
| Model No.      | O/R Material | C/R Material | O-ring Material | O-ring Size | A  | B    | C |
|----------------|--------------|--------------|-----------------|-------------|----|------|---|
| KF-16-OCRS-S-V | SUS304       | SUS304       | VITON           | 5018        | 16 | 32.5 | 8 |
| KF-25-OCRS-S-V | SUS304       | SUS304       | VITON           | 5028        | 25 | 42.5 | 8 |
| KF-40-OCRS-S-V | SUS304       | SUS304       | VITON           | 5042        | 40 | 57.5 | 8 |
| KF-50-OCRS-S-V | SUS304       | SUS304       | VITON           | AS-330      | 50 | 77.5 | 8 |

| Model No.      | O/R Material | C/R Material | O-ring Material | O-ring Size | A  | B    | C |
|----------------|--------------|--------------|-----------------|-------------|----|------|---|
| KF-16-OCRA-S-V | AL           | SUS304       | VITON           | 5018        | 16 | 32.5 | 8 |
| KF-25-OCRA-S-V | AL           | SUS304       | VITON           | 5028        | 25 | 42.5 | 8 |
| KF-40-OCRA-S-V | AL           | SUS304       | VITON           | 5042        | 40 | 57.5 | 8 |
| KF-50-OCRA-S-V | AL           | SUS304       | VITON           | AS-330      | 50 | 77.5 | 8 |



# CENTERING RING

KF NW Reducer Centering Ring



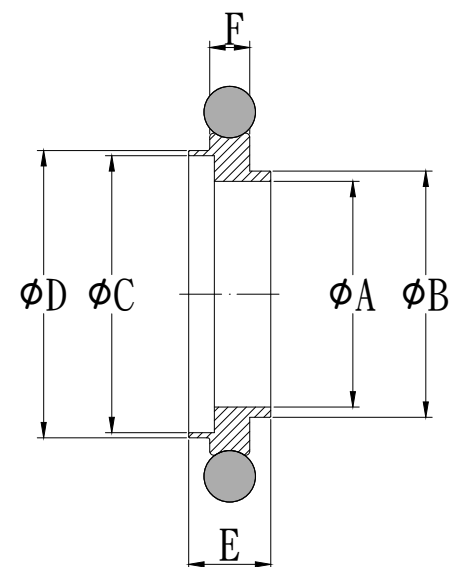
| Model No.    | C/R Material | A  | B  | C  | D  | E | F   |
|--------------|--------------|----|----|----|----|---|-----|
| KF-10/16-CRS | SUS304       | 10 | 12 | 16 | 17 | 8 | 3.9 |
| KF-20/25-CRS | SUS304       | 20 | 22 | 25 | 26 | 8 | 3.9 |
| KF-32/40-CRS | SUS304       | 32 | 34 | 40 | 41 | 8 | 3.9 |

| Model No.    | C/R Material | A  | B  | C  | D  | E | F   |
|--------------|--------------|----|----|----|----|---|-----|
| KF-10/16-CRA | AL           | 10 | 12 | 16 | 17 | 8 | 3.9 |
| KF-20/25-CRA | AL           | 20 | 22 | 25 | 26 | 8 | 3.9 |
| KF-32/40-CRA | AL           | 32 | 34 | 40 | 41 | 8 | 3.9 |



## CENTERING RING

KF NW Reducer Centering Ring With O-ring



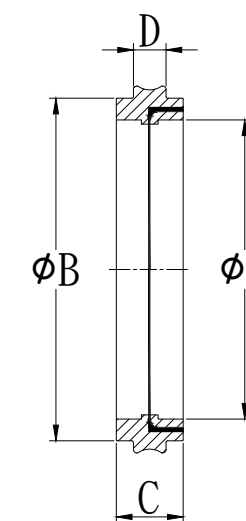
| Model No.      | C/R Material | O-ring Material | O-ring Size | A  | B  | C  | D  | E | F   |
|----------------|--------------|-----------------|-------------|----|----|----|----|---|-----|
| KF-10/16-CRS-V | SUS304       | VITON           | AS-314      | 10 | 12 | 16 | 17 | 8 | 3.9 |
| KF-20/25-CRS-V | SUS304       | VITON           | AS-320      | 20 | 22 | 25 | 26 | 8 | 3.9 |
| KF-32/40-CRS-V | SUS304       | VITON           | AS-326      | 32 | 34 | 40 | 41 | 8 | 3.9 |

| Model No.      | C/R Material | O-ring Material | O-ring Size | A  | B  | C  | D  | E | F   |
|----------------|--------------|-----------------|-------------|----|----|----|----|---|-----|
| KF-10/16-CRA-V | AL           | VITON           | AS-314      | 10 | 12 | 16 | 17 | 8 | 3.9 |
| KF-20/25-CRA-V | AL           | VITON           | AS-320      | 20 | 22 | 25 | 26 | 8 | 3.9 |
| KF-32/40-CRA-V | AL           | VITON           | AS-326      | 32 | 34 | 40 | 41 | 8 | 3.9 |



## CENTERING RING

KF NW ISO Sceened Centering Ring



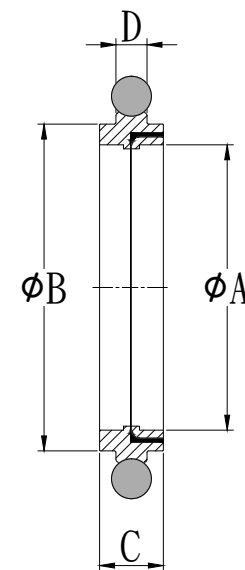
| Model No.     | C/R Material | A     | B     | C | D   |
|---------------|--------------|-------|-------|---|-----|
| KF-16-M-CRS   | SUS304       | 12    | 17    | 8 | 3.9 |
| KF-25-M-CRS   | SUS304       | 20.5  | 26    | 8 | 3.9 |
| KF-40-M-CRS   | SUS304       | 35.8  | 41    | 8 | 3.9 |
| KF-50-M-CRS   | SUS304       | 46.3  | 52    | 8 | 3.9 |
| ISO-63-M-CRS  | SUS304       | 60.5  | 69.6  | 8 | 3.9 |
| ISO-80-M-CRS  | SUS304       | 73.6  | 82.6  | 8 | 3.9 |
| ISO-100-M-CRS | SUS304       | 91.8  | 101.6 | 8 | 3.9 |
| ISO-160-M-CRS | SUS304       | 143.5 | 152.6 | 8 | 3.9 |



# CENTERING RING

HAOYI

KF NW ISO Sceened Centering Ring With O-ring



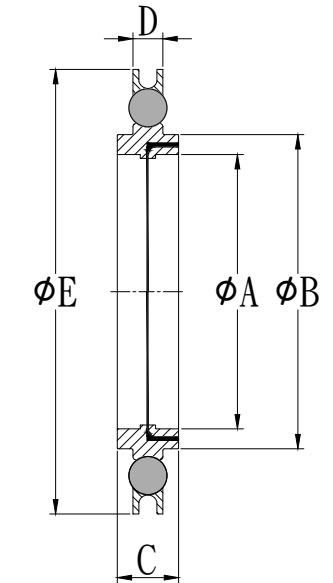
| Model No.       | C/R Material | O-ring Material | O-ring Size | A     | B     | C | D   |
|-----------------|--------------|-----------------|-------------|-------|-------|---|-----|
| KF-16-M-CRS-V   | SUS304       | VITON           | AS-314      | 12    | 17    | 8 | 3.9 |
| KF-25-M-CRS-V   | SUS304       | VITON           | AS-320      | 20.5  | 26    | 8 | 3.9 |
| KF-40-M-CRS-V   | SUS304       | VITON           | AS-326      | 35.8  | 41    | 8 | 3.9 |
| KF-50-M-CRS-V   | SUS304       | VITON           | AS-330      | 46.3  | 52    | 8 | 3.9 |
| ISO-63-M-CRS-V  | SUS304       | VITON           | AS-337      | 60.5  | 69.6  | 8 | 3.9 |
| ISO-80-M-CRS-V  | SUS304       | VITON           | AS-341      | 73.6  | 82.6  | 8 | 3.9 |
| ISO-100-M-CRS-V | SUS304       | VITON           | AS-347      | 91.8  | 101.6 | 8 | 3.9 |
| ISO-160-M-CRS-V | SUS304       | VITON           | AS-362      | 143.5 | 152.6 | 8 | 3.9 |



# CENTERING RING

HAOYI

ISO Sceened Centering Ring & O-ring With Outer Ring



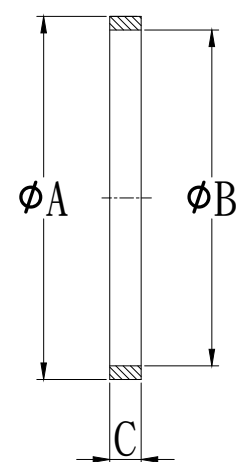
| Model No.          | O/R Material | C/R Material | O-ring Material | O-ring Size | A     | B     | C | D   | E   |
|--------------------|--------------|--------------|-----------------|-------------|-------|-------|---|-----|-----|
| ISO-63-M-OCRA-S-V  | AL           | SUS304       | VITON           | AS-337      | 60.5  | 69.6  | 8 | 3.9 | 94  |
| ISO-80-M-OCRA-S-V  | AL           | SUS304       | VITON           | AS-341      | 73.6  | 82.6  | 8 | 3.9 | 109 |
| ISO-100-M-OCRA-S-V | AL           | SUS304       | VITON           | AS-347      | 91.8  | 101.6 | 8 | 3.9 | 128 |
| ISO-160-M-OCRA-S-V | AL           | SUS304       | VITON           | AS-362      | 143.5 | 152.6 | 8 | 3.9 | 179 |



## CENTERING RING

HAOYI

KF NW ISO Overpressure Ring



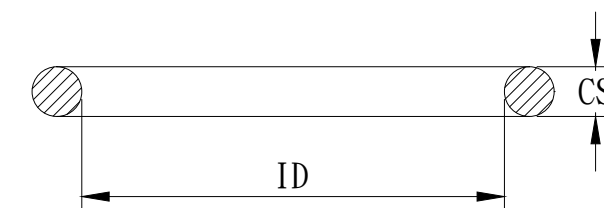
| Model No.   | C/R Material | A     | B     | C   |
|-------------|--------------|-------|-------|-----|
| KF-10-OPR   | SUS304       | 28    | 23.5  | 3.7 |
| KF-16-OPR   | SUS304       | 31.75 | 30.12 | 3.7 |
| KF-25-OPR   | SUS304       | 40.4  | 38.86 | 3.7 |
| KF-40-OPR   | SUS304       | 57.15 | 54    | 3.7 |
| KF-50-OPR   | SUS304       | 69.85 | 66.55 | 3.7 |
| ISO-80-OPR  | SUS304       | 106   | 100.2 | 3.9 |
| ISO-100-OPR | SUS304       | 125.3 | 119.3 | 3.9 |
| ISO-160-OPR | SUS304       | 176.4 | 170.4 | 3.9 |



## CENTERING RING

HAOYI

KF NW ISO Viton / NBR O'Ring



| Model No.      | O'Ring Size | ID     | $\pm$ | CS   | $\pm$ |
|----------------|-------------|--------|-------|------|-------|
| KF-10 O-ring   | AS-311      | 13.64  | 0.18  | 5.33 | 0.13  |
| KF-16 O-ring   | AS-314      | 18.42  | 0.25  | 5.33 | 0.13  |
| KF-25 O-ring   | AS-320      | 27.94  | 0.3   | 5.33 | 0.13  |
| KF-40 O-ring   | AS-326      | 40.64  | 0.38  | 5.33 | 0.13  |
| KF-50 O-ring   | AS-330      | 53.34  | 0.46  | 5.33 | 0.13  |
| ISO-63 O-ring  | AS-337      | 75.57  | 0.61  | 5.33 | 0.13  |
| ISO-80 O-ring  | AS-341      | 88.27  | 0.61  | 5.33 | 0.13  |
| ISO-100 O-ring | AS-347      | 107.32 | 0.76  | 5.33 | 0.13  |
| ISO-160 O-ring | AS-361      | 158.13 | 1.02  | 5.33 | 0.13  |
| ISO-200 O-ring | AS-371      | 215.27 | 1.27  | 5.33 | 0.13  |
| ISO-250 O-ring | AS-378      | 266.07 | 1.52  | 5.33 | 0.13  |
| ISO-320 O-ring | AS-454      | 316.87 | 1.52  | 5.33 | 0.13  |
| ISO-400 O-ring | AS-461      | 405.26 | 1.91  | 5.33 | 0.13  |
| ISO-500 O-ring | AS-469      | 506.86 | 2.41  | 5.33 | 0.13  |



Centering Ring & O-ring With Outer Ring(Anodizing)



Centering Ring & O-ring With Outer Ring(Anodizing)



Centering Ring(Teflon) & O-ring With Outer Ring

Centering Ring(Cutting) & O-ring With Outer Ring

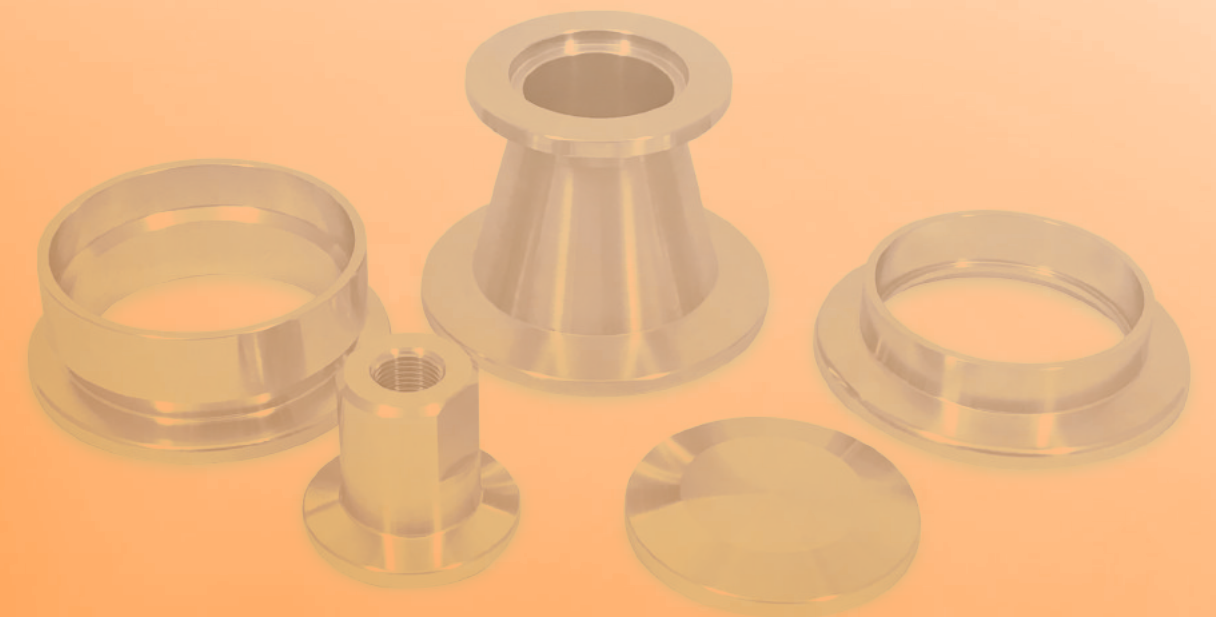


Centering Ring & O-ring With Outer Ring

Centering Ring & O-ring With Outer Ring

# B KF NW FLANGE

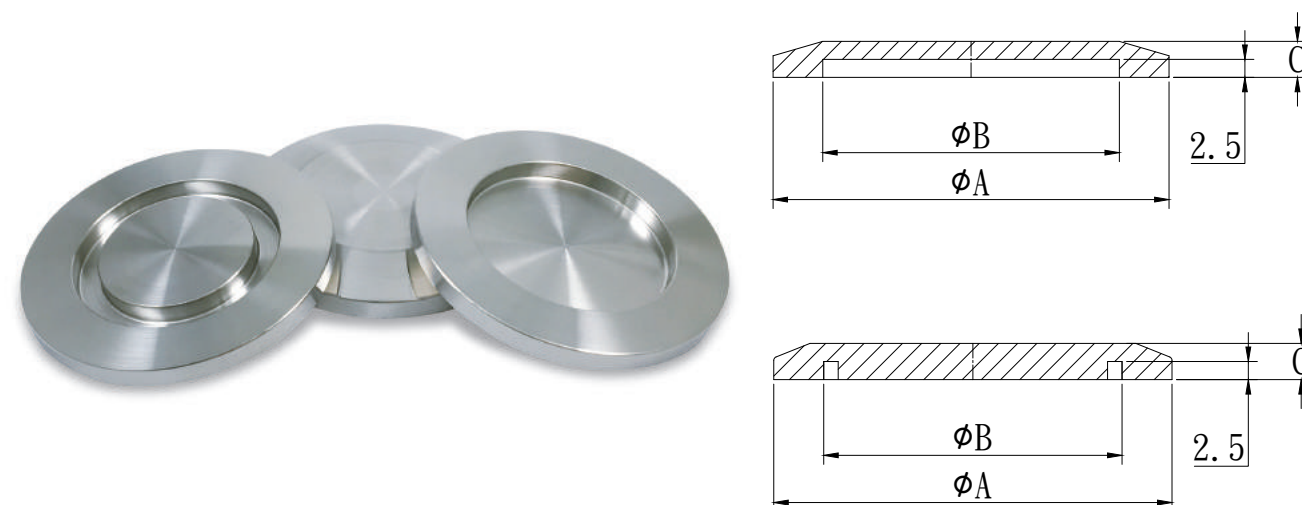
- 28 KF NW Blank Flange
- 29 KF NW Bored Blank Flange
- 30 KF NW Half Nipple Flange (Short)
- 31 KF NW Half Nipple Flange (Long)
- 32 KF NW Socket Weld Flange(U.S.A Pipe)
- 33 KF NW Socket Weld Flange(JIS Pipe)
- 34 KF NW Half Nipple Flange (Short for JIS Pipe)
- 35 KF NW Half Nipple Flange (Long for JIS Pipe)
- 36 KF NW Rubber Hose Adaptor
- 37 KF NW Conical Reducing Adaptor
- 38 KF NW Female Thread Adaptor
- 39 KF NW Male Thread Adaptor





# KF NW FLANGE

KF NW Blank Flange

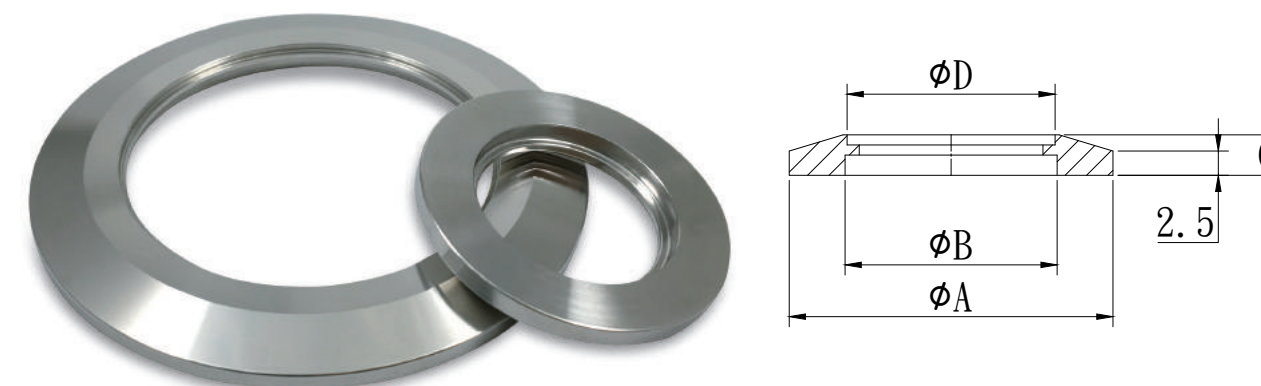


| Model No. | Material | A   | B    | C  |
|-----------|----------|-----|------|----|
| KF-10-BS  | SUS304   | 30  | 12.2 | 5  |
| KF-16-BS  | SUS304   | 30  | 17.2 | 5  |
| KF-25-BS  | SUS304   | 40  | 26.2 | 5  |
| KF-40-BS  | SUS304   | 55  | 41.2 | 5  |
| KF-50-BS  | SUS304   | 75  | 52.2 | 5  |
| KF-63-BS  | SUS304   | 87  | 70   | 5  |
| KF-80-BS  | SUS304   | 114 | 83   | 12 |
| KF-100-BS | SUS304   | 134 | 102  | 12 |
| KF-160-BS | SUS304   | 190 | 153  | 12 |



# KF NW FLANGE

KF NW Bored Blank Flange



| Model No.   | Material | A   | B    | C  | D     |
|-------------|----------|-----|------|----|-------|
| KF-10-B13   | SUS304   | 30  | 12.2 | 5  | 12.9  |
| KF-16-B19   | SUS304   | 30  | 17.2 | 5  | 19.3  |
| KF-25-B26   | SUS304   | 40  | 26.2 | 5  | 25.7  |
| KF-40-B38   | SUS304   | 55  | 41.2 | 5  | 38.4  |
| KF-50-B51   | SUS304   | 75  | 52.2 | 5  | 51    |
| KF-63-B64   | SUS304   | 87  | 70   | 5  | 63.7  |
| KF-80-B76   | SUS304   | 114 | 83   | 12 | 76.4  |
| KF-100-B102 | SUS304   | 134 | 102  | 12 | 101.8 |
| KF-160-B153 | SUS304   | 190 | 153  | 12 | 152.9 |



## KF NW FLANGE

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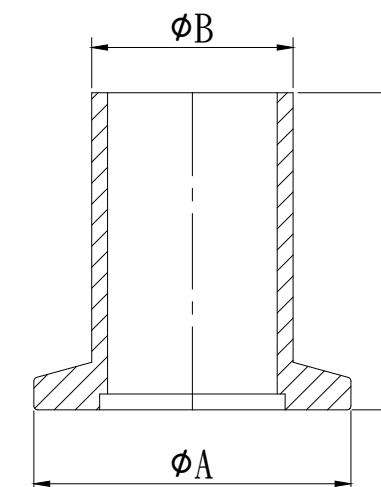
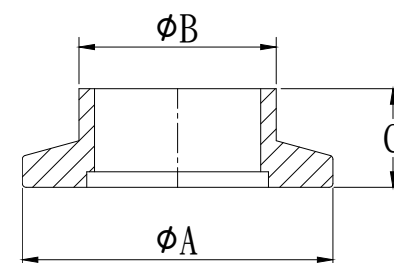
KF NW Half Nipple Flange (Short)



## KF NW FLANGE

HAOYI

KF NW Half Nipple Flange (Long)



| Model No.      | Material | A  | B     | C    | Type   |
|----------------|----------|----|-------|------|--------|
| KF-10-SHNA127  | SUS304   | 30 | 12.7  | 12.7 | U.S.A  |
| KF-16-SHNA191  | SUS304   | 30 | 19.05 | 12.7 |        |
| KF-25-SHNA254  | SUS304   | 40 | 25.4  | 12.7 |        |
| KF-40-SHNA381  | SUS304   | 55 | 38.1  | 19.1 |        |
| KF-50-SHNA508  | SUS304   | 75 | 50.8  | 19.1 |        |
| KF-10-SHNE14   | SUS304   | 30 | 14    | 30   | Europe |
| KF-16-SHNE20   | SUS304   | 30 | 20    | 30   |        |
| KF-25-SHNE28   | SUS304   | 40 | 28    | 30   |        |
| KF-40-SHNE45   | SUS304   | 55 | 45    | 30   |        |
| KF-50-SHNE57   | SUS304   | 75 | 57    | 30   |        |
| KF-25-SH NJ272 | SUS304   | 40 | 27.2  | 20   | Japan  |
| KF-40-SH NJ427 | SUS304   | 55 | 42.7  | 20   |        |
| KF-50-SH NJ605 | SUS304   | 75 | 60.5  | 20   |        |

| Model No.      | Material | A  | B     | C  | Type   |
|----------------|----------|----|-------|----|--------|
| KF-10-LHNA127  | SUS304   | 30 | 12.7  | 40 | U.S.A  |
| KF-16-LHNA191  | SUS304   | 30 | 19.05 | 40 |        |
| KF-25-LHNA254  | SUS304   | 40 | 25.4  | 40 |        |
| KF-40-LHNA381  | SUS304   | 55 | 38.1  | 40 |        |
| KF-50-LHNA508  | SUS304   | 75 | 50.8  | 40 |        |
| KF-10-LHNE14   | SUS304   | 30 | 14    | 70 | Europe |
| KF-16-LHNE20   | SUS304   | 30 | 20    | 70 |        |
| KF-25-LHNE28   | SUS304   | 40 | 28    | 70 |        |
| KF-40-LHNE45   | SUS304   | 55 | 45    | 70 |        |
| KF-50-LHNE57   | SUS304   | 75 | 57    | 70 |        |
| KF-25-LH NJ272 | SUS304   | 40 | 27.2  | 40 | Japan  |
| KF-40-LH NJ427 | SUS304   | 55 | 42.7  | 40 |        |
| KF-50-LH NJ605 | SUS304   | 75 | 60.5  | 40 |        |



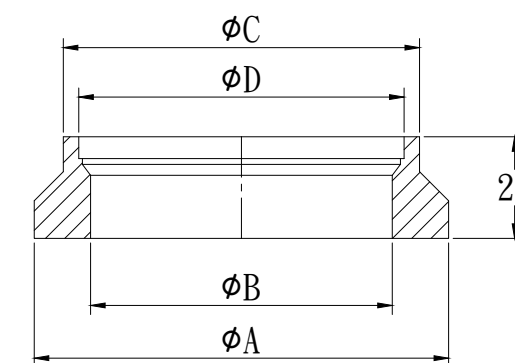
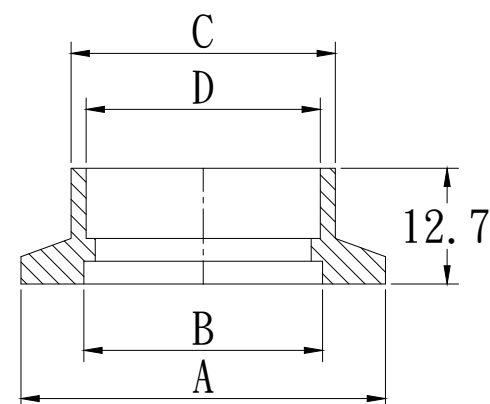
## KF NW FLANGE

KF NW Socket Weld Flange(U.S.A Pipe)



## KF NW FLANGE

KF NW Socket Weld Flange(JIS Pipe)



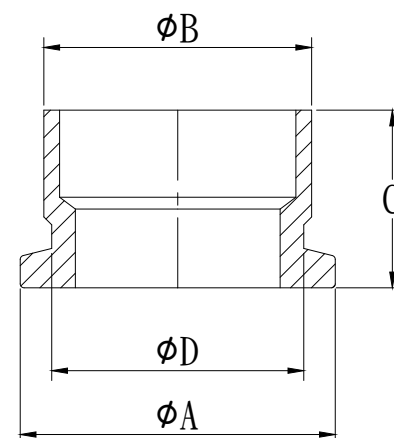
| Model No.  | Material | A  | B    | C    | D    |
|------------|----------|----|------|------|------|
| KF-10-SW13 | SUS304   | 30 | 12.2 | 16.5 | 13   |
| KF-16-SW19 | SUS304   | 30 | 17.2 | 20.5 | 19.3 |
| KF-25-SW26 | SUS304   | 40 | 26.2 | 29   | 25.7 |
| KF-40-SW38 | SUS304   | 55 | 41.2 | 44.7 | 38.4 |
| KF-50-SW51 | SUS304   | 75 | 52.2 | 57.4 | 51.1 |
| KF-63-SW64 | SUS304   | 87 | 70   | 67.5 | 63.7 |

| Model No.    | Material | A   | B   | C   | D     |
|--------------|----------|-----|-----|-----|-------|
| KF-80-SW90   | SUS304   | 114 | 83  | 98  | 89.5  |
| KF-100-SW115 | SUS304   | 134 | 102 | 118 | 114.5 |
| KF-160-SW166 | SUS304   | 190 | 153 | 174 | 165.5 |



## KF NW FLANGE

KF NW Half Nipple Flange (Short for JIS Pipe)

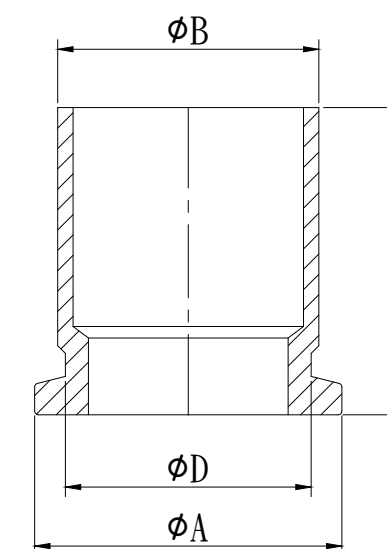


| Model No.     | Material | A  | B    | C  | D  |
|---------------|----------|----|------|----|----|
| KF-25-SHNJ34  | SUS304   | 40 | 34   | 20 | 32 |
| KF-40-SHNJ486 | SUS304   | 55 | 48.6 | 20 | 45 |



## KF NW FLANGE

KF NW Half Nipple Flange (Long for JIS Pipe)

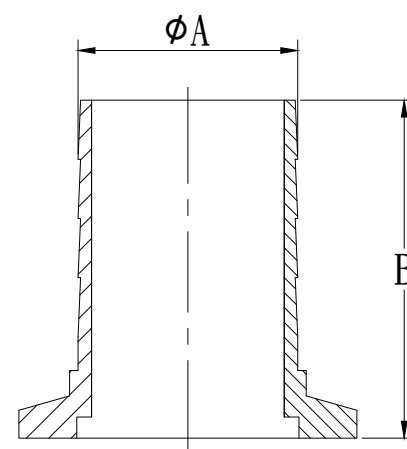


| Model No.     | Material | A  | B    | C  | D  |
|---------------|----------|----|------|----|----|
| KF-25-LHNJ34  | SUS304   | 40 | 34   | 40 | 32 |
| KF-40-LHNJ486 | SUS304   | 55 | 48.6 | 40 | 45 |



## KF NW FLANGE

KF NW Rubber Hose Adaptor

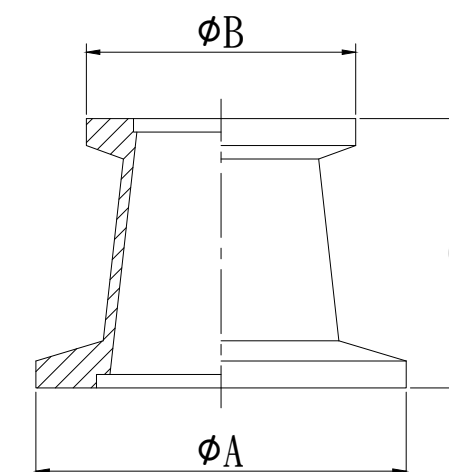


| Model No. | Material | A    | B  |
|-----------|----------|------|----|
| KF-10-RHA | SUS304   | 16   | 40 |
| KF-16-RHA | SUS304   | 19.1 | 40 |
| KF-25-RHA | SUS304   | 22.2 | 40 |
| KF-40-RHA | SUS304   | 41.3 | 40 |
| KF-50-RHA | SUS304   | 47.7 | 40 |



## KF NW FLANGE

KF NW ISO Conical Reducing Adaptor

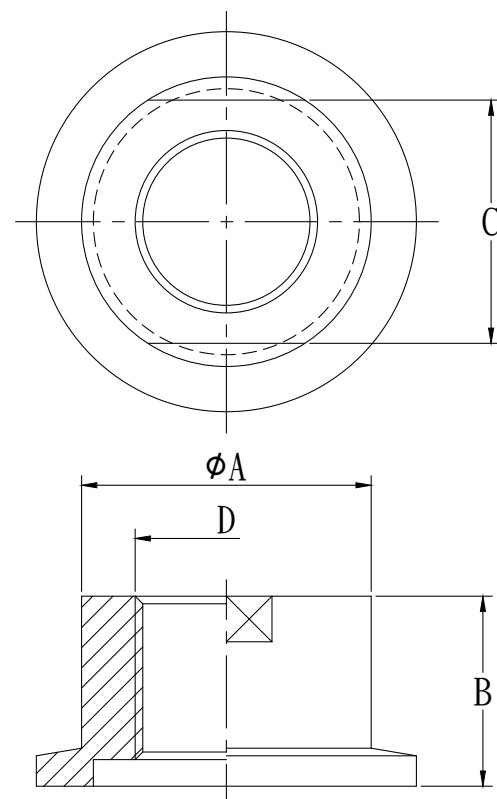


| Model No.    | Material | A   | B  | C  |
|--------------|----------|-----|----|----|
| KF-25-RA16   | SUS304   | 40  | 30 | 40 |
| KF-40-RA16   | SUS304   | 55  | 30 | 40 |
| KF-40-RA25   | SUS304   | 55  | 40 | 40 |
| KF-50-RA16   | SUS304   | 75  | 30 | 40 |
| KF-50-RA25   | SUS304   | 75  | 40 | 40 |
| KF-50-RA40   | SUS304   | 75  | 55 | 40 |
| ISO-80-RA40  | SUS304   | 110 | 55 | 63 |
| ISO-80-RA50  | SUS304   | 110 | 75 | 63 |
| ISO-100-RA40 | SUS304   | 130 | 55 | 63 |
| ISO-100-RA50 | SUS304   | 130 | 75 | 63 |



## KF NW FLANGE

### KF NW Female Thread Adaptor

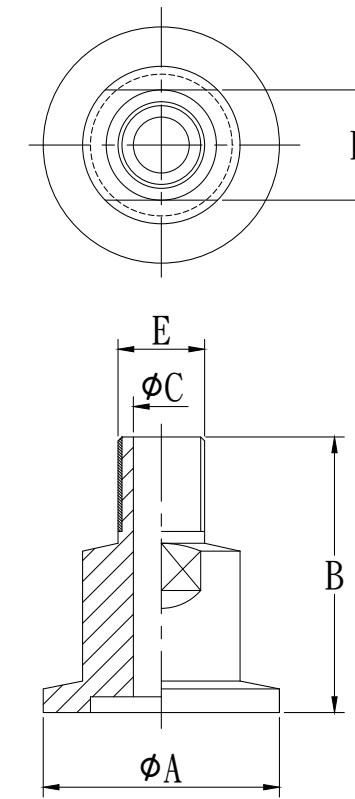


| Model No.    | Material | A     | B  | C  | D       |
|--------------|----------|-------|----|----|---------|
| KF-16-FPT01  | SUS304   | 19.05 | 25 | 17 | PT1/8"  |
| KF-25-FPT01  | SUS304   | 25.4  | 25 | 19 | PT1/8"  |
| KF-40-FPT01  | SUS304   | 38.1  | 25 | 32 | PT1/8"  |
| KF-50-FPT01  | SUS304   | 50.8  | 25 | 46 | PT1/8"  |
| KF-16-FPT02  | SUS304   | 19.05 | 25 | 17 | PT1/4"  |
| KF-25-FPT02  | SUS304   | 25.4  | 25 | 19 | PT1/4"  |
| KF-40-FPT02  | SUS304   | 38.1  | 25 | 32 | PT1/4"  |
| KF-50-FPT02  | SUS304   | 50.8  | 25 | 46 | PT1/4"  |
| KF-16-FNPT01 | SUS304   | 19.05 | 25 | 17 | NPT1/8" |
| KF-25-FNPT01 | SUS304   | 25.4  | 25 | 19 | NPT1/8" |
| KF-40-FNPT01 | SUS304   | 38.1  | 25 | 32 | NPT1/8" |
| KF-50-FNPT01 | SUS304   | 50.8  | 25 | 46 | NPT1/8" |
| KF-16-FNPT02 | SUS304   | 19.05 | 25 | 17 | NPT1/4" |
| KF-25-FNPT02 | SUS304   | 25.4  | 25 | 19 | NPT1/4" |
| KF-40-FNPT02 | SUS304   | 38.1  | 25 | 32 | NPT1/4" |
| KF-50-FNPT02 | SUS304   | 50.8  | 25 | 46 | NPT1/4" |



## KF NW FLANGE

### KF NW Male Thread Adaptor



| Model No.    | Material | A  | B  | C    | D  | E       |
|--------------|----------|----|----|------|----|---------|
| KF-16-MPT01  | SUS304   | 30 | 35 | 4.7  | 10 | PT1/8"  |
| KF-16-MPT02  | SUS304   | 30 | 35 | 7.1  | 14 | PT1/4"  |
| KF-25-MPT02  | SUS304   | 40 | 35 | 7.1  | 14 | PT1/4"  |
| KF-25-MPT04  | SUS304   | 40 | 40 | 11.9 | 22 | PT1/2"  |
| KF-40-MPT02  | SUS304   | 55 | 35 | 7.1  | 14 | PT1/4"  |
| KF-40-MPT04  | SUS304   | 55 | 40 | 11.9 | 22 | PT1/2"  |
| KF-16-MNPT01 | SUS304   | 30 | 35 | 4.7  | 10 | NPT1/8" |
| KF-16-MNPT02 | SUS304   | 30 | 35 | 7.1  | 14 | NPT1/4" |
| KF-25-MNPT02 | SUS304   | 40 | 35 | 7.1  | 14 | NPT1/4" |
| KF-25-MNPT04 | SUS304   | 40 | 40 | 11.9 | 22 | NPT1/2" |
| KF-40-MNPT02 | SUS304   | 55 | 35 | 7.1  | 14 | NPT1/4" |
| KF-40-MNPT04 | SUS304   | 55 | 40 | 11.9 | 22 | NPT1/2" |

# C KF NW CLAMP

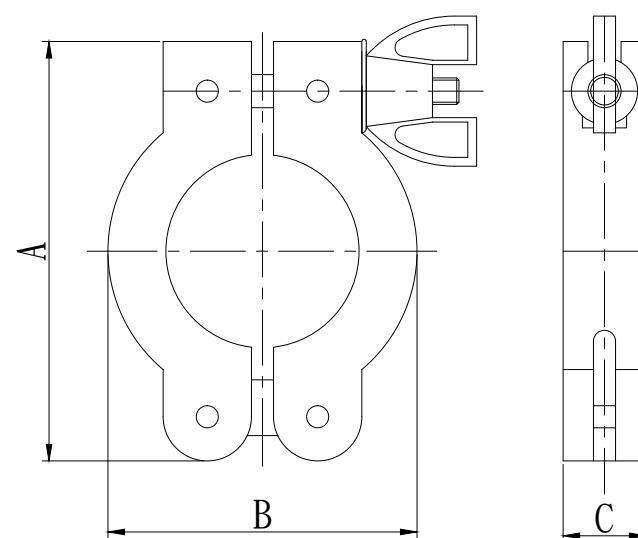
- 42 KF NW Wing Nut Clamp(ADC12) / KF NW Double Pin Clamp
- 43 KF NW Wing Nut Clamp(ADC12) / KF NW Single Pin Clamp
- 44 KF NW Wing Nut Clamp(SUS304)
- 45 KF NW Toggle Clamp With Lanyard
- 46 KF NW Chain Clamp(Body:ADC12/Knob:ABS)
- 47 KF NW Chain Clamp(Body:ADC12/Nut:Steel+Zn Plated)
- 48 KF NW Chain Clamp(Body:A6061t6,Knob:Nylon Fiber)
- 49 KF NW Chain Clamp(Body:A6061t6,Knob:SUS304)
- 50 KF NW Chain Clamp(Body:A6061t6,Knob:SUS304)





## KF NW CLAMP

KF NW Wing Nut Clamp(ADC12)



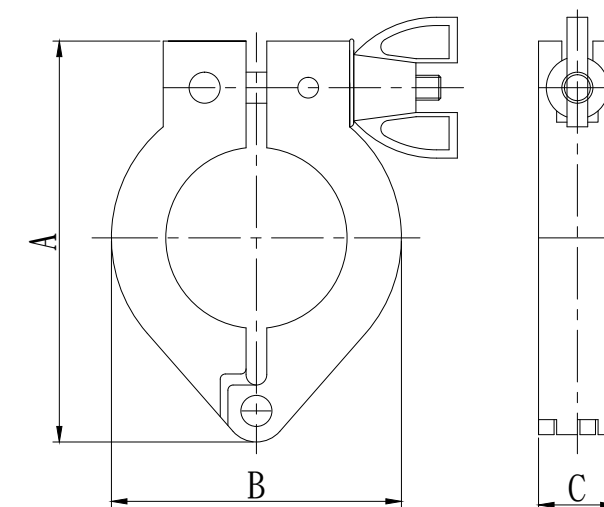
KF NW Double Pin Clamp

| Model No.   | Material | A    | B    | C    |
|-------------|----------|------|------|------|
| KF-16-WCDAL | ADC12    | 62   | 42   | 16.5 |
| KF-25-WCDAL | ADC12    | 72   | 53.5 | 16.5 |
| KF-40-WCDAL | ADC12    | 89.5 | 69.5 | 16.5 |
| KF-50-WCDAL | ADC12    | 113  | 90   | 20   |



## KF NW CLAMP

KF NW Wing Nut Clamp(ADC12)



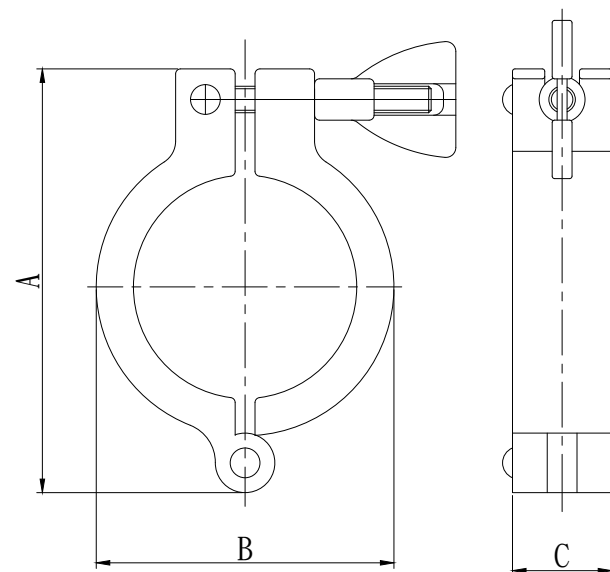
KF NW Single Pin Clamp

| Model No.   | Material | A     | B    | C    |
|-------------|----------|-------|------|------|
| KF-16-WCSAL | ADC12    | 63    | 41   | 17.5 |
| KF-25-WCSAL | ADC12    | 72    | 52.5 | 17.5 |
| KF-40-WCSAL | ADC12    | 90    | 70   | 17.5 |
| KF-50-WCSAL | ADC12    | 113.5 | 89   | 20   |



## KF NW CLAMP

HAOYI KF NW Wing Nut Clamp(SUS304)

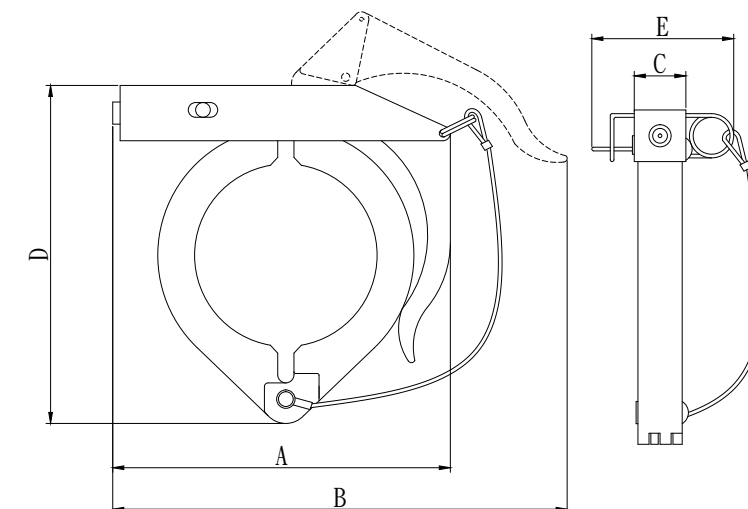


| Model No.   | Material | A     | B    | C  |
|-------------|----------|-------|------|----|
| KF-16-WCSSS | SUS304   | 59.5  | 33.5 | 16 |
| KF-25-WCSSS | SUS304   | 73    | 48   | 16 |
| KF-40-WCSSS | SUS304   | 89    | 63   | 16 |
| KF-50-WCSSS | SUS304   | 112.5 | 80   | 20 |



## KF NW CLAMP

HAOYI KF NW Toggle Clamp With Lanyard



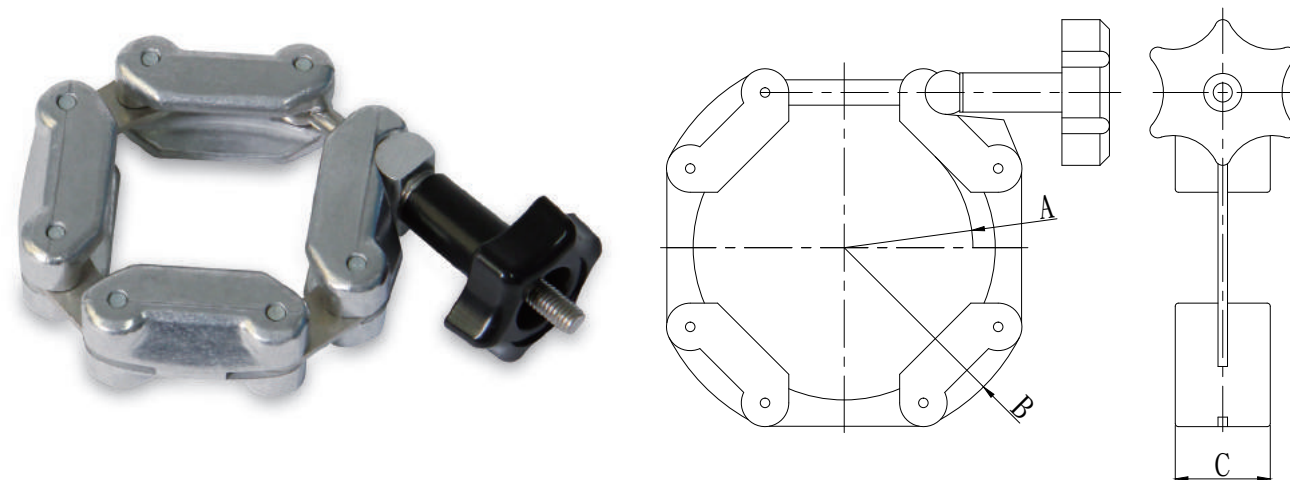
| Model No.    | Material     | A   | B   | C  | D   | E  |
|--------------|--------------|-----|-----|----|-----|----|
| KF-16-TCLSAL | ADC12/SUS304 | 69  | 97  | 20 | 63  | 43 |
| KF-25-TCLSAL | ADC12/SUS304 | 75  | 106 | 20 | 74  | 43 |
| KF-40-TCLSAL | ADC12/SUS304 | 85  | 123 | 20 | 90  | 43 |
| KF-50-TCLSAL | ADC12/SUS304 | 118 | 165 | 23 | 115 | 43 |



## KF NW CLAMP

HAOYI

KF NW Chain Clamp(Body:ADC12/Knob:ABS)



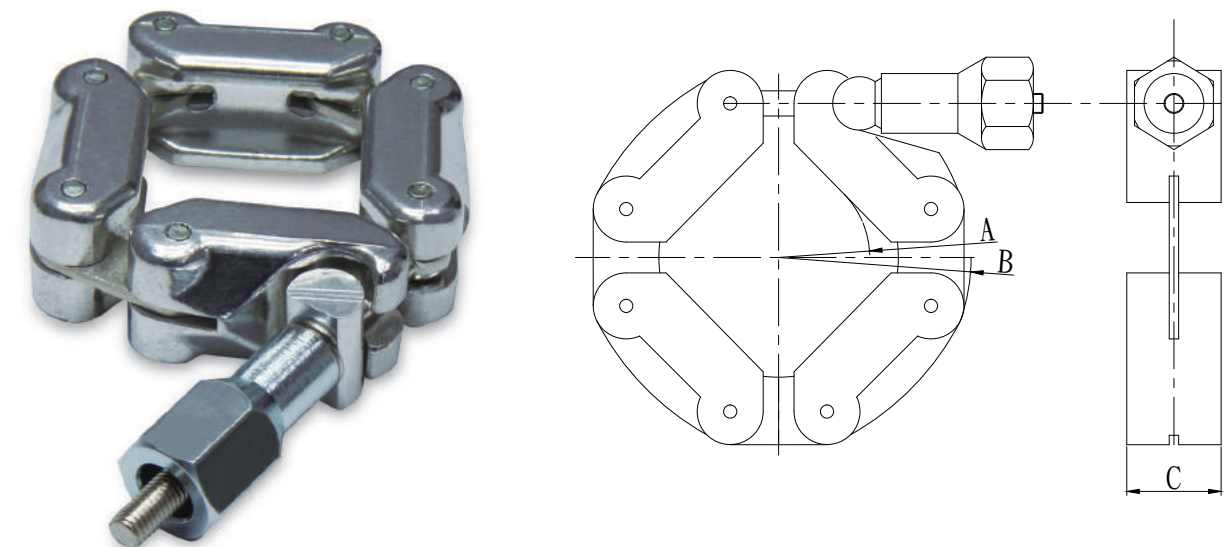
| Model No.    | Material | A  | B   | C    |
|--------------|----------|----|-----|------|
| KF-16-CCALAK | ADC12    | 22 | 56  | 20.5 |
| KF-25-CCALAK | ADC12    | 32 | 66  | 20.5 |
| KF-40-CCALAK | ADC12    | 46 | 80  | 20.5 |
| KF-50-CCALAK | ADC12    | 69 | 100 | 20.5 |
| KF-63-CCALAK | ADC12    | 78 | 112 | 20.5 |



## KF NW CLAMP

HAOYI

KF NW Chain Clamp(Body:ADC12/Nut:Steel+Zn Plated)



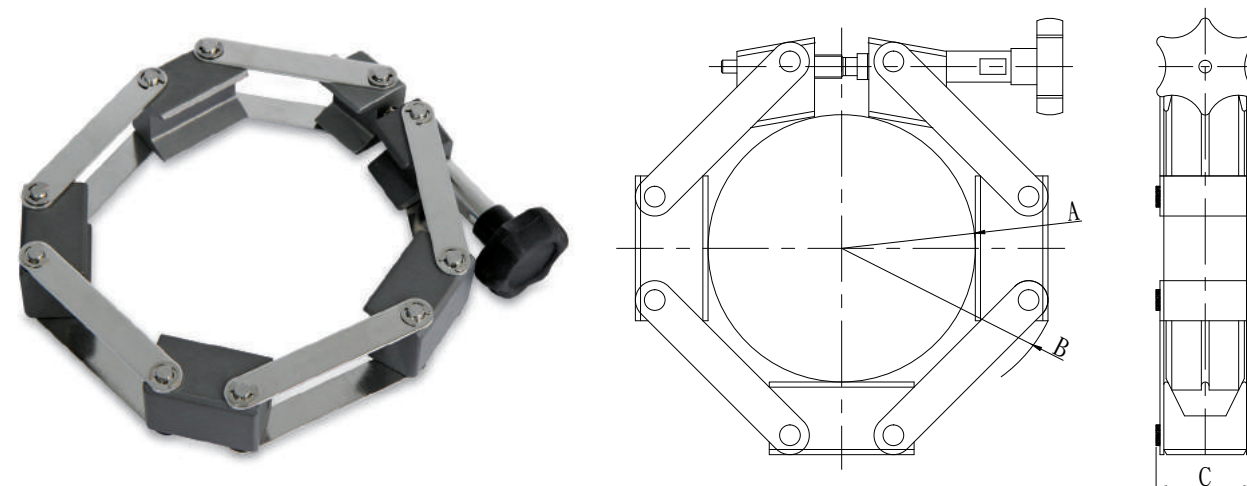
| Model No.    | Material | A  | B   | C    |
|--------------|----------|----|-----|------|
| KF-16-CCALZN | ADC12    | 22 | 56  | 20.5 |
| KF-25-CCALZN | ADC12    | 32 | 66  | 20.5 |
| KF-40-CCALZN | ADC12    | 46 | 80  | 20.5 |
| KF-50-CCALZN | ADC12    | 69 | 100 | 20.5 |
| KF-63-CCALZN | ADC12    | 78 | 112 | 20.5 |



## KF NW CLAMP

HAOYI

KF NW Chain Clamp(Body:A6061t6,Knob:Nylon Fiber)



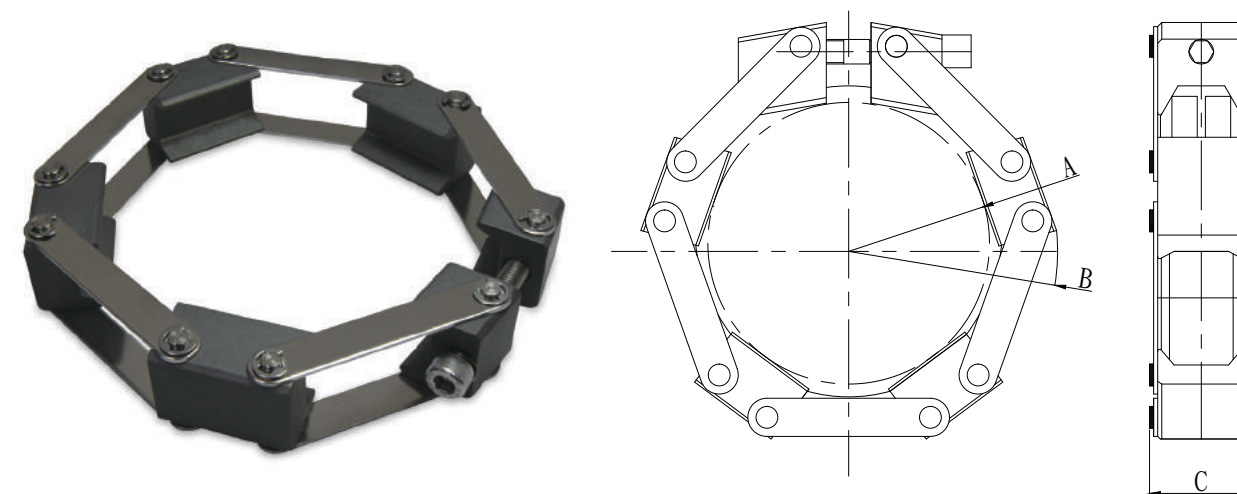
| Model No.      | Material | A     | B     | C  |
|----------------|----------|-------|-------|----|
| KF-80-CCAHNK   | SUS304   | 100   | 165   | 38 |
| KF-100-CCAHNK  | SUS304   | 122   | 185   | 38 |
| KF-125-CCAHNK  | SUS304   | 162   | 205   | 38 |
| KF-160-CCAHNK  | SUS304   | 174   | 235   | 38 |
| KF-160-CCAHNKX | SUS304   | 178.5 | 231.5 | 38 |
| KF-200-CCAHNK  | SUS304   | 240   | 293   | 38 |
| KF-250-CCAHNK  | SUS304   | 289   | 301   | 38 |



## KF NW CLAMP

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KF NW Chain Clamp(Body:A6061t6,Knob:SUS304)

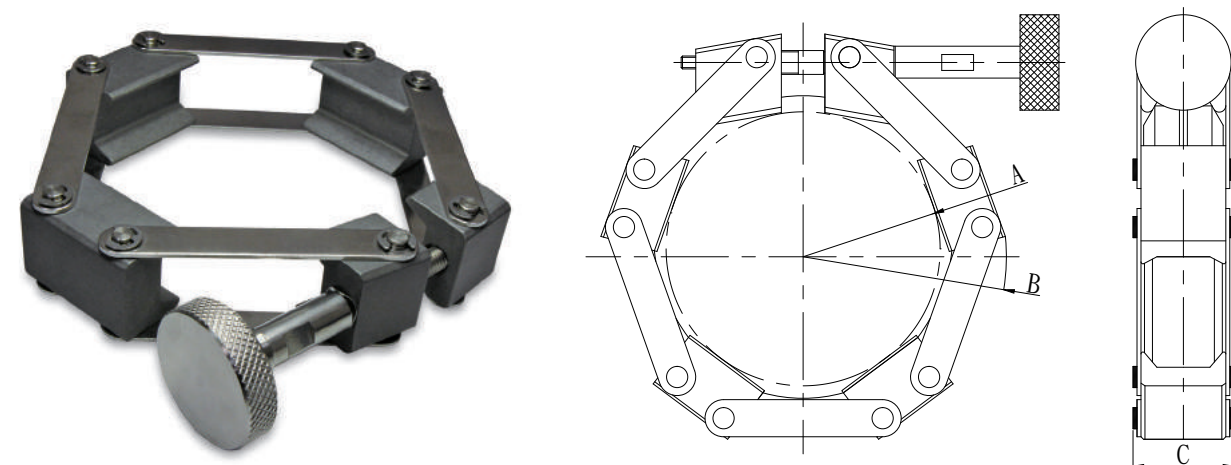


| Model No.      | Material | A     | B     | C  |
|----------------|----------|-------|-------|----|
| KF-80-CCAHSB   | SUS304   | 100   | 165   | 38 |
| KF-100-CCAHSB  | SUS304   | 122   | 185   | 38 |
| KF-125-CCAHSB  | SUS304   | 162   | 205   | 38 |
| KF-160-CCAHSB  | SUS304   | 174   | 235   | 38 |
| KF-160-CCAHSBX | SUS304   | 178.5 | 231.5 | 38 |
| KF-200-CCAHSB  | SUS304   | 240   | 293   | 38 |
| KF-250-CCAHSB  | SUS304   | 289   | 301   | 38 |



# KF NW CLAMP

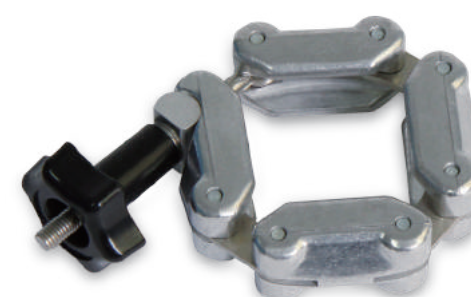
KF NW Chain Clamp(Body:A6061t6,Knob:SUS304)



| Model No.      | Material | A     | B     | C  |
|----------------|----------|-------|-------|----|
| KF-80-CCAGSK   | SUS304   | 100   | 165   | 38 |
| KF-100-CCAGSK  | SUS304   | 122   | 185   | 38 |
| KF-125-CCAGSK  | SUS304   | 162   | 205   | 38 |
| KF-160-CCAGSK  | SUS304   | 174   | 235   | 38 |
| KF-160-CCAGSKX | SUS304   | 178.5 | 231.5 | 38 |
| KF-200-CCAGSK  | SUS304   | 240   | 293   | 38 |
| KF-250-CCAGSK  | SUS304   | 289   | 301   | 38 |



# KF NW CLAMP



KF NW Chain Clamp  
(Body:ADC12/Knob:ABS)



KF NW Chain Clamp  
(Body:ADC12/Nut:Steel+Zn Plated)



KF NW Chain Clamp  
(Body:A6061t6,Knob:Nylon Fiber)



KF NW Chain Clamp  
(Body:A6061t6,Knob:SUS304)

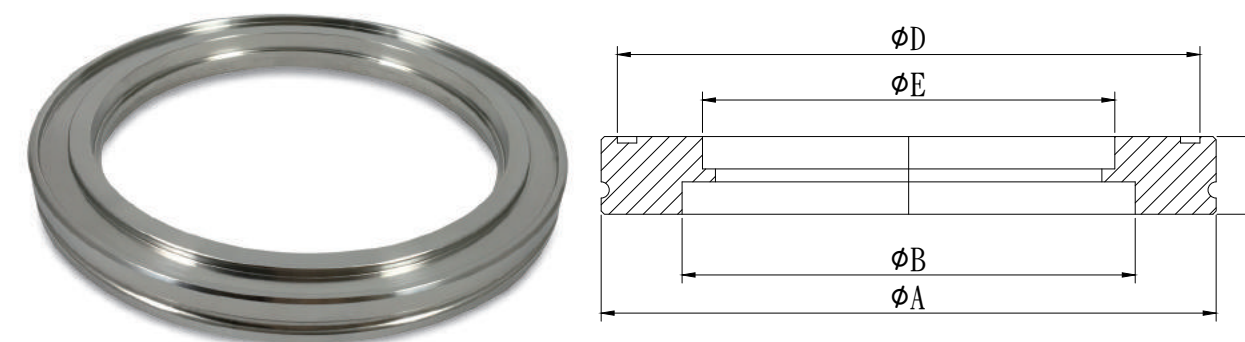
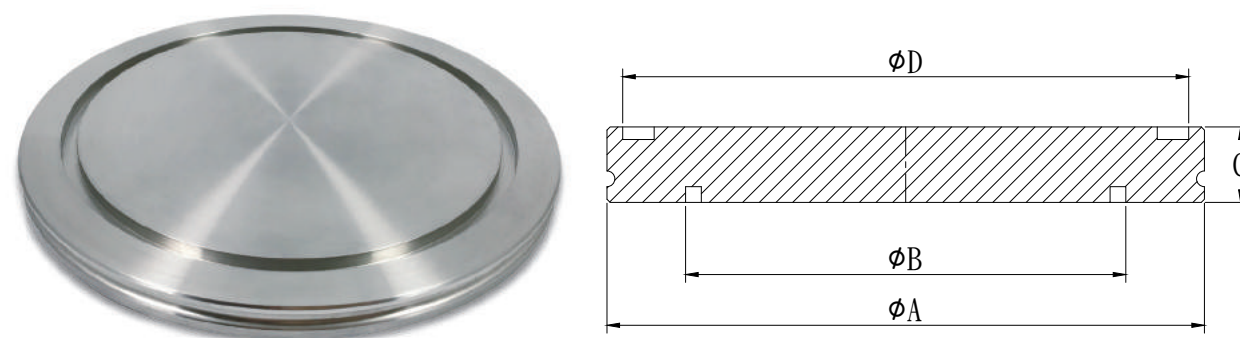


KF NW Chain Clamp  
(Body:A6061t6,Knob:SUS304)

# D ISO FLANGE

- 54 ISO Blank Flange
- 55 ISO Bored Blank Flange
- 56 ISO Single Claw Clamp(Bolt:SUS304)
- 57 ISO Double Claw Clamp(Body:AL,Bolt:SUS304)
- 58 ISO-Double Claw Clamp





| Model No. | Material | A   | B   | C  | D   |
|-----------|----------|-----|-----|----|-----|
| ISO-63-B  | SUS304   | 95  | 70  | 12 | 90  |
| ISO-80-B  | SUS304   | 110 | 83  | 12 | 105 |
| ISO-100-B | SUS304   | 130 | 102 | 12 | 125 |
| ISO-160-B | SUS304   | 180 | 153 | 12 | 175 |
| ISO-200-B | SUS304   | 240 | 213 | 12 | 235 |
| ISO-250-B | SUS304   | 290 | 261 | 12 | 285 |
| ISO-320-B | SUS304   | 370 | 318 | 17 | 365 |
| ISO-400-B | SUS304   | 450 | 400 | 17 | 445 |
| ISO-500-B | SUS304   | 550 | 501 | 17 | 545 |

| Model No.    | Material | A   | B   | C  | D   | E     |
|--------------|----------|-----|-----|----|-----|-------|
| ISO-63-B637  | SUS304   | 95  | 70  | 12 | 90  | 63.7  |
| ISO-80-B764  | SUS304   | 110 | 83  | 12 | 105 | 76.4  |
| ISO-100-B102 | SUS304   | 130 | 102 | 12 | 125 | 101.8 |
| ISO-160-B153 | SUS304   | 180 | 153 | 12 | 175 | 152.9 |
| ISO-200-B204 | SUS304   | 240 | 213 | 12 | 235 | 203.7 |
| ISO-250-B255 | SUS304   | 290 | 261 | 12 | 285 | 254.5 |
| ISO-320-B305 | SUS304   | 370 | 318 | 17 | 365 | 305.3 |
| ISO-400-B407 | SUS304   | 450 | 400 | 17 | 445 | 406.9 |
| ISO-500-B509 | SUS304   | 550 | 501 | 17 | 545 | 508.8 |



## ISO FLANGE

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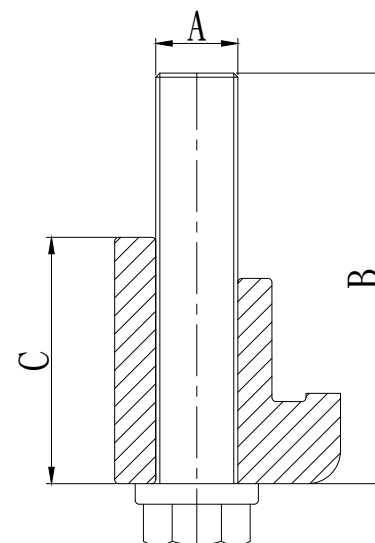
ISO Single Claw Clamp(Bolt:SUS304)



## ISO FLANGE

HAOYI

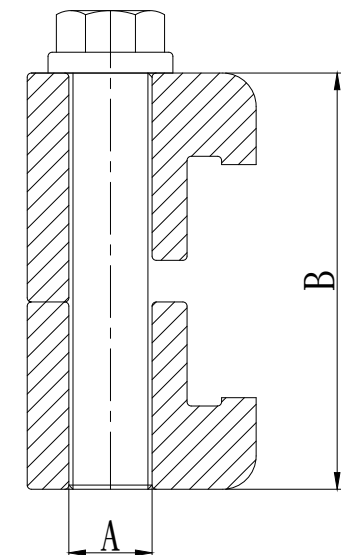
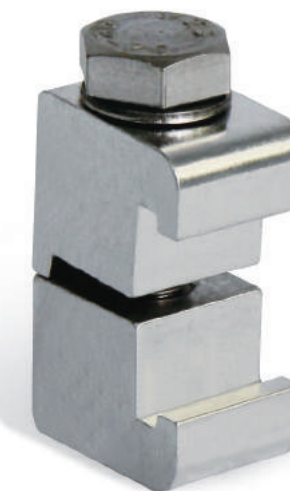
ISO Double Claw Clamp(Body:AL,Bolt:SUS304)



| Model No.        | Body Material | A   | B  | C    |
|------------------|---------------|-----|----|------|
| ISO-63/100-SCCA  | AL            | M8  | 35 | 23.5 |
| ISO-160/250-SCCA | AL            | M10 | 35 | 23.5 |
| ISO-320/500-SCCA | AL            | M12 | 50 | 30   |

| Model No.        | Body Material | A   | B  | C    |
|------------------|---------------|-----|----|------|
| ISO-63/100-SCCS  | SUS304        | M8  | 35 | 23   |
| ISO-160/250-SCCS | SUS304        | M10 | 35 | 23   |
| ISO-320/500-SCCS | SUS304        | M12 | 50 | 30   |
| ISO-630-SCCS     | SUS304        | M12 | 60 | 41.5 |

| Model No.         | Body Material   | A   | B  | C    |
|-------------------|-----------------|-----|----|------|
| ISO-63/100-SCCZP  | Steel+Zn Plated | M8  | 35 | 23   |
| ISO-160/250-SCCZP | Steel+Zn Plated | M10 | 35 | 23   |
| ISO-320/500-SCCZP | Steel+Zn Plated | M12 | 50 | 30   |
| ISO-630-SCCZP     | Steel+Zn Plated | M12 | 60 | 41.5 |

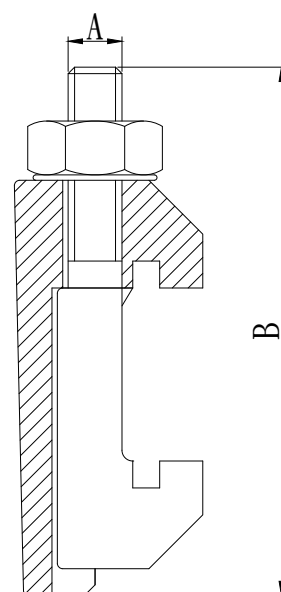


| Model No.        | Body Material | A   | B  |
|------------------|---------------|-----|----|
| ISO-63/100-DCCA  | Al            | M8  | 45 |
| ISO-160/250-DCCA | Al            | M10 | 45 |
| ISO-320/500-DCCA | Al            | M12 | 60 |



# ISO FLANGE

## ISO Double Claw Clamp



| Model No.        | Material | A   | B    |
|------------------|----------|-----|------|
| ISO-63/250-DCCS  | SUS304   | M10 | 61.5 |
| ISO-320/500-DCCS | SUS304   | M12 | 76   |
| ISO-630-DCCS     | SUS304   | M12 | 86   |

| Model No.         | Material        | A   | B    |
|-------------------|-----------------|-----|------|
| ISO-63/250-DCCZP  | Steel+Zn Plated | M10 | 61.5 |
| ISO-320/500-DCCZP | Steel+Zn Plated | M12 | 76   |
| ISO-630-DCCZP     | Steel+Zn Plated | M12 | 86   |



# ISO FLANGE



ISO Blank Flange



ISO Bored Blank Flange



ISO Single Claw Clamp(Bolt:SUS304)



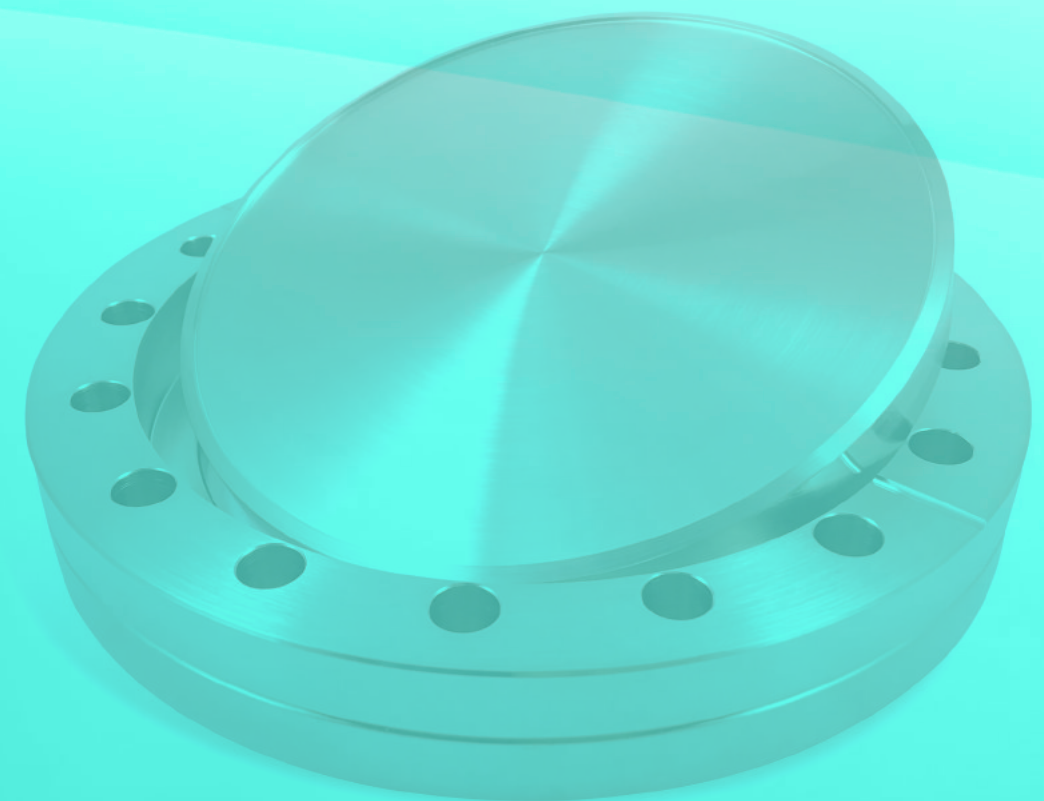
ISO Double Claw Clamp  
(Body:AL,Bolt:SUS304)



ISO-Double Claw Clamp

# E CF CR FLANGE

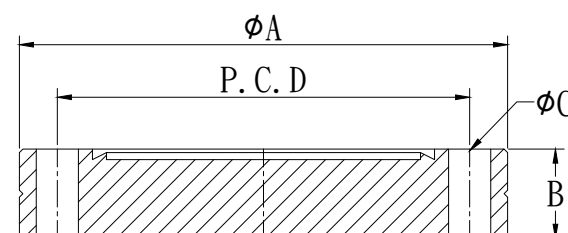
- 62 CF Blank Flang-Nonrotatable
- 63 CF Blank Flang-Nonrotatable with Tapped Bolt Holes
- 64 CR Blank Flange-Rotatable
- 65 CR Blank Flange-Rotatable with Tapped Bolt Holes
- 66 CF Bored Flange-Nonrutatable
- 67 CF Bored Flange-Nonrutatable with Tapped Bolt Holes
- 68 CR Bored Flange-Rotatable
- 69 CR Bored Flange-Rotatable With Tapped Bolt Holes
- 70 CF Reducing Flange





## CF CR FLANGE

HAOYI CF Blank Flang-Nonrotatable

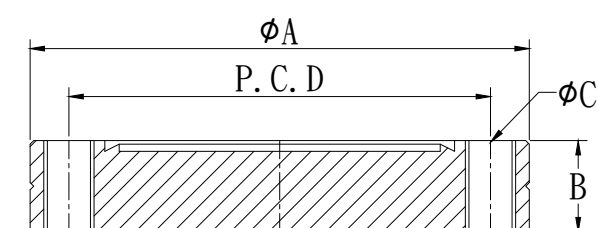


| Model No. | Material | A     | B    | C       | P.C.D |
|-----------|----------|-------|------|---------|-------|
| CF-16-B   | SUS304   | 33.8  | 7.5  | 4.4*6   | 26.9  |
| CF-35-B   | SUS304   | 69.5  | 12.7 | 6.7*6   | 58.7  |
| CF-63-B   | SUS304   | 113.6 | 18   | 8.4*8   | 92.1  |
| CF-100-B  | SUS304   | 151.6 | 20   | 8.4*16  | 130.3 |
| CF-150-B  | SUS304   | 202.5 | 22   | 8.4*20  | 181   |
| CF-200-B  | SUS304   | 253.2 | 24.7 | 8.4*24  | 231.8 |
| CF-250-B  | SUS304   | 304   | 28.5 | 8.4*32  | 284   |
| CF-275-B  | SUS304   | 336.5 | 28.5 | 10.3*30 | 306.5 |
| CF-300-B  | SUS304   | 355.6 | 28.5 | 10.3*30 | 325.7 |
| CF-350-B  | SUS304   | 419.1 | 28.5 | 10.3*36 | 388.9 |



## CF CR FLANGE

HAOYI CF Blank Flang-Nonrotatable with Tapped Bolt Holes

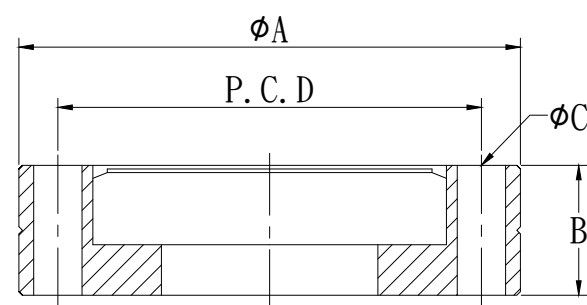
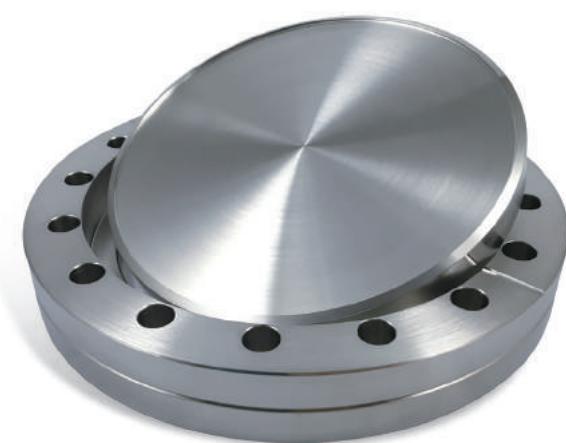


| Model No. | Material | A     | B    | C      | P.C.D |
|-----------|----------|-------|------|--------|-------|
| CF-16-BT  | SUS304   | 33.8  | 7.5  | M4*6   | 26.9  |
| CF-35-BT  | SUS304   | 69.5  | 12.7 | M6*6   | 58.7  |
| CF-63-BT  | SUS304   | 113.6 | 18   | M8*8   | 92.1  |
| CF-100-BT | SUS304   | 151.6 | 20   | M8*16  | 130.3 |
| CF-150-BT | SUS304   | 202.5 | 22   | M8*20  | 181   |
| CF-200-BT | SUS304   | 253.2 | 24.7 | M8*24  | 231.8 |
| CF-250-BT | SUS304   | 304   | 28.5 | M8*32  | 284   |
| CF-275-BT | SUS304   | 336.5 | 28.5 | M10*30 | 306.5 |
| CF-300-BT | SUS304   | 355.6 | 28.5 | M10*30 | 325.7 |
| CF-350-BT | SUS304   | 419.1 | 28.5 | M10*36 | 388.9 |



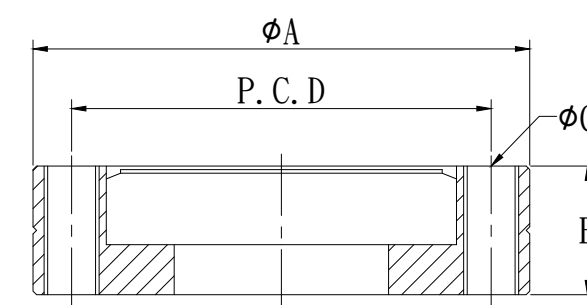
## CF CR FLANGE

CR Blank Flange-Rotatable



## CF CR FLANGE

CR Blank Flange-Rotatable with Tapped Bolt Holes



| Model No. | Material | A     | B    | C       | P.C.D |
|-----------|----------|-------|------|---------|-------|
| CR-16-B   | SUS304   | 33.8  | 7.5  | 4.4*6   | 26.9  |
| CR-35-B   | SUS304   | 69.5  | 12.7 | 6.7*6   | 58.7  |
| CR-63-B   | SUS304   | 113.6 | 19   | 8.4*8   | 92.1  |
| CR-100-B  | SUS304   | 151.6 | 21.5 | 8.4*16  | 130.3 |
| CR-150-B  | SUS304   | 202.5 | 24   | 8.4*20  | 181   |
| CR-200-B  | SUS304   | 253.2 | 24.7 | 8.4*24  | 231.8 |
| CR-250-B  | SUS304   | 304   | 28.5 | 8.4*32  | 284   |
| CR-275-B  | SUS304   | 336.5 | 28.5 | 10.3*30 | 306.5 |
| CR-300-B  | SUS304   | 355.6 | 28.5 | 10.3*30 | 325.7 |
| CR-350-B  | SUS304   | 419.1 | 28.5 | 10.3*36 | 388.9 |

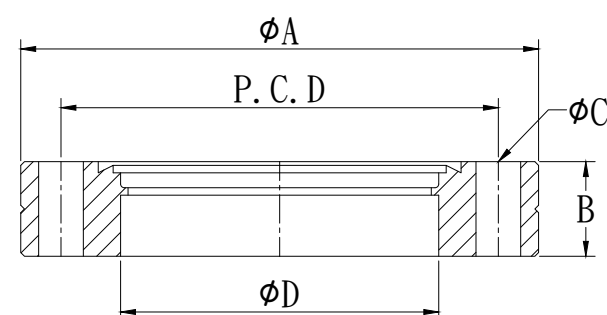
| Model No. | Material | A     | B    | C      | P.C.D |
|-----------|----------|-------|------|--------|-------|
| CR-16-BT  | SUS304   | 33.8  | 7.5  | M4*6   | 26.9  |
| CR-35-BT  | SUS304   | 69.5  | 12.7 | M6*6   | 58.7  |
| CR-63-BT  | SUS304   | 113.6 | 19   | M8*8   | 92.1  |
| CR-100-BT | SUS304   | 151.6 | 21.5 | M8*16  | 130.3 |
| CR-150-BT | SUS304   | 202.5 | 24   | M8*20  | 181   |
| CR-200-BT | SUS304   | 253.2 | 24.7 | M8*24  | 231.8 |
| CR-250-BT | SUS304   | 304   | 28.5 | M8*32  | 284   |
| CR-275-BT | SUS304   | 336.5 | 28.5 | M10*30 | 306.5 |
| CR-300-BT | SUS304   | 355.6 | 28.5 | M10*30 | 325.7 |
| CR-350-BT | SUS304   | 419.1 | 28.5 | M10*36 | 388.9 |



## CF CR FLANGE

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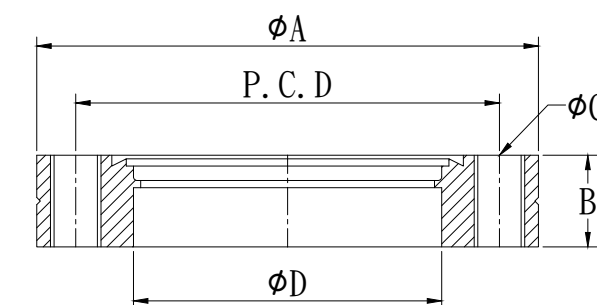
CF Bored Flange-Nonrutatable



## CF CR FLANGE

HAOYI

CF Bored Flange-Nonrutatable with Tapped Bolt Holes



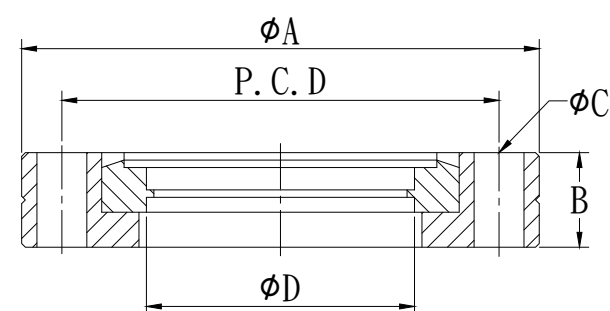
| Model No.   | Material | A     | B    | C       | D     | P.C.D |
|-------------|----------|-------|------|---------|-------|-------|
| CF-16-B7    | SUS304   | 33.8  | 7.5  | 4.4*6   | 6.5   | 26.9  |
| CF-16-B12   | SUS304   | 33.8  | 7.5  | 4.4*6   | 12.9  | 26.9  |
| CF-16-B19   | SUS304   | 33.8  | 7.5  | 4.4*6   | 19.15 | 26.9  |
| CF-35-B25   | SUS304   | 69.5  | 12.7 | 6.7*6   | 25.6  | 58.7  |
| CF-35-B38   | SUS304   | 69.5  | 12.7 | 6.7*6   | 38.3  | 58.7  |
| CF-35-B43   | SUS304   | 69.5  | 12.7 | 6.7*6   | 42.9  | 58.7  |
| CF-63-B51   | SUS304   | 113.6 | 18   | 8.4*8   | 51.1  | 92.1  |
| CF-63-B64   | SUS304   | 113.6 | 18   | 8.4*8   | 63.7  | 92.1  |
| CF-100-B102 | SUS304   | 151.6 | 20   | 8.4*16  | 101.8 | 130.3 |
| CF-150-B153 | SUS304   | 202.5 | 22   | 8.4*20  | 153.1 | 181   |
| CF-200-B204 | SUS304   | 253.2 | 24.7 | 8.4*24  | 203.7 | 231.8 |
| CF-250-B255 | SUS304   | 304   | 28.5 | 8.4*32  | 255   | 284   |
| CF-275-B255 | SUS304   | 336.5 | 28.5 | 10.3*30 | 255   | 306.5 |
| CF-300-B305 | SUS304   | 355.6 | 28.5 | 10.3*30 | 305.4 | 325.7 |
| CF-350-B356 | SUS304   | 419.1 | 28.5 | 10.3*36 | 356.1 | 388.9 |

| Model No.    | Material | A     | B    | C      | D     | P.C.D |
|--------------|----------|-------|------|--------|-------|-------|
| CF-16-B7T    | SUS304   | 33.8  | 7.5  | M4*6   | 6.5   | 26.9  |
| CF-16-B12T   | SUS304   | 33.8  | 7.5  | M4*6   | 12.9  | 26.9  |
| CF-16-B19T   | SUS304   | 33.8  | 7.5  | M4*6   | 19.15 | 26.9  |
| CF-35-B25T   | SUS304   | 69.5  | 12.7 | M6*6   | 25.6  | 58.7  |
| CF-35-B38T   | SUS304   | 69.5  | 12.7 | M6*6   | 38.3  | 58.7  |
| CF-35-B43T   | SUS304   | 69.5  | 12.7 | M6*6   | 42.9  | 58.7  |
| CF-63-B51T   | SUS304   | 113.6 | 18   | M8*8   | 51.1  | 92.1  |
| CF-63-B64T   | SUS304   | 113.6 | 18   | M8*8   | 63.7  | 92.1  |
| CF-100-B102T | SUS304   | 151.6 | 20   | M8*16  | 101.8 | 130.3 |
| CF-150-B153T | SUS304   | 202.5 | 22   | M8*20  | 153.1 | 181   |
| CF-200-B204T | SUS304   | 253.2 | 24.7 | M8*24  | 203.7 | 231.8 |
| CF-250-B255T | SUS304   | 304   | 28.5 | M8*32  | 255   | 284   |
| CF-275-B255T | SUS304   | 336.5 | 28.5 | M10*30 | 255   | 306.5 |
| CF-300-B305T | SUS304   | 355.6 | 28.5 | M10*30 | 305.4 | 325.7 |
| CF-350-B356T | SUS304   | 419.1 | 28.5 | M10*36 | 356.1 | 388.9 |



## CF CR FLANGE

HAOYI CR Bored Flange-Rotatable

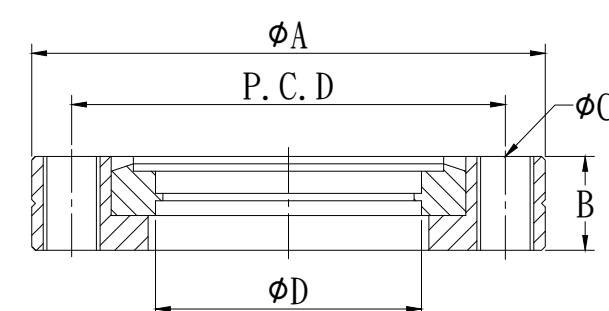


| Model No.   | Material | A     | B    | C       | D     | P.C.D |
|-------------|----------|-------|------|---------|-------|-------|
| CR-35-B25   | SUS304   | 69.5  | 12.7 | 6.7*6   | 25.6  | 58.7  |
| CR-35-B38   | SUS304   | 69.5  | 12.7 | 6.7*6   | 38.3  | 58.7  |
| CR-35-B43   | SUS304   | 69.5  | 12.7 | 6.7*6   | 42.9  | 58.7  |
| CR-63-B64   | SUS304   | 113.6 | 19   | 8.4*8   | 51.1  | 92.1  |
| CR-63-B64   | SUS304   | 113.6 | 19   | 8.4*8   | 63.7  | 92.1  |
| CR-100-B102 | SUS304   | 151.6 | 21.5 | 8.4*16  | 101.8 | 130.3 |
| CR-150-B153 | SUS304   | 202.5 | 24   | 8.4*20  | 153.1 | 181   |
| CR-200-B204 | SUS304   | 253.2 | 24.7 | 8.4*24  | 203.7 | 231.8 |
| CR-250-B255 | SUS304   | 304   | 28.5 | 8.4*32  | 255   | 284   |
| CR-275-B255 | SUS304   | 336.5 | 28.5 | 10.3*30 | 255   | 306.5 |
| CR-300-B305 | SUS304   | 355.6 | 28.5 | 10.3*30 | 305.4 | 325.7 |
| CR-350-B356 | SUS304   | 419.1 | 28.5 | 10.3*36 | 356.1 | 388.9 |

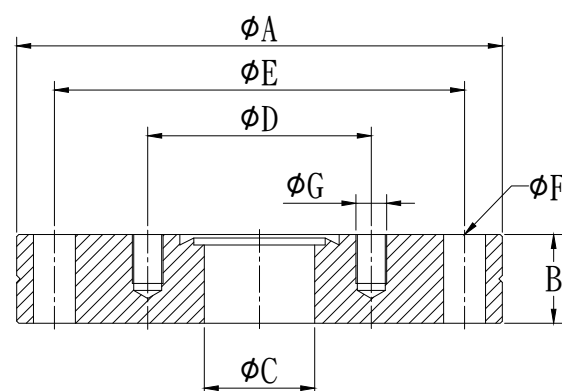
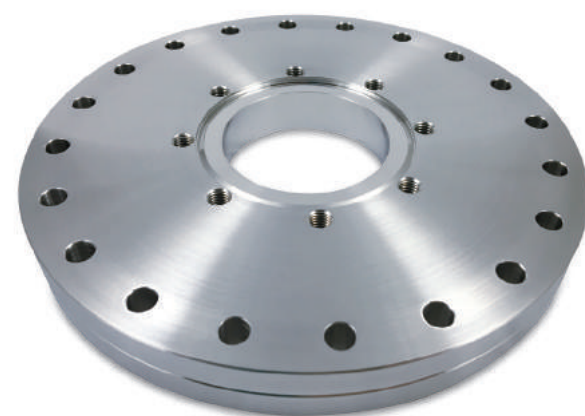


## CF CR FLANGE

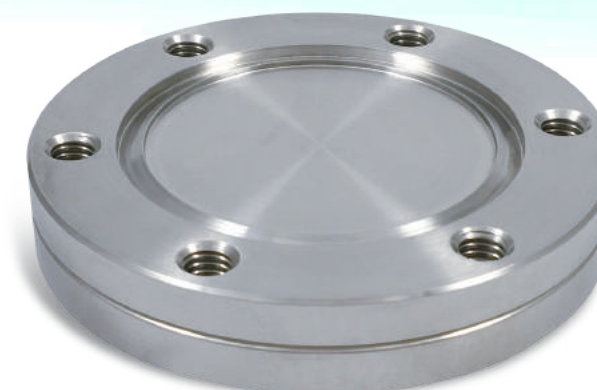
HAOYI CR Bored Flange-Rotatable With Tapped Bolt Holes



| Model No.    | Material | A     | B    | C      | D     | P.C.D |
|--------------|----------|-------|------|--------|-------|-------|
| CR-35-B25T   | SUS304   | 69.5  | 12.7 | M6*6   | 25.6  | 58.7  |
| CR-35-B38T   | SUS304   | 69.5  | 12.7 | M6*6   | 38.3  | 58.7  |
| CR-35-B43T   | SUS304   | 69.5  | 12.7 | M6*6   | 42.9  | 58.7  |
| CR-63-B64T   | SUS304   | 113.6 | 19   | M8*8   | 51.1  | 92.1  |
| CR-63-B64T   | SUS304   | 113.6 | 19   | M8*8   | 63.7  | 92.1  |
| CR-100-B102T | SUS304   | 151.6 | 21.5 | M8*16  | 101.8 | 130.3 |
| CR-150-B153T | SUS304   | 202.5 | 24   | M8*20  | 153.1 | 181   |
| CR-200-B204T | SUS304   | 253.2 | 24.7 | M8*24  | 203.7 | 231.8 |
| CR-250-B255T | SUS304   | 304   | 28.5 | M8*32  | 255   | 284   |
| CR-275-B255T | SUS304   | 336.5 | 28.5 | M10*30 | 255   | 306.5 |
| CR-300-B305T | SUS304   | 355.6 | 28.5 | M10*30 | 305.4 | 325.7 |
| CR-350-B356T | SUS304   | 419.1 | 28.5 | M10*36 | 356.1 | 388.9 |



| Model No.   | Material | A     | B    | C     | D     | E     | F       | G     |
|-------------|----------|-------|------|-------|-------|-------|---------|-------|
| CF-35-R16   | SUS304   | 69.5  | 12.7 | 15.8  | 26.9  | 58.7  | 6.7*6   | M4*6  |
| CF-63-R16   | SUS304   | 113.6 | 18   | 15.8  | 26.9  | 92.1  | 8.4*8   | M4*6  |
| CF-63-R35   | SUS304   | 113.6 | 18   | 38.1  | 58.7  | 92.1  | 8.4*8   | M6*6  |
| CF-100-R35  | SUS304   | 151.6 | 20   | 38.1  | 58.7  | 130.3 | 8.4*16  | M6*6  |
| CF-100-R63  | SUS304   | 151.6 | 20   | 63.5  | 92.1  | 130.3 | 8.4*16  | M8*8  |
| CF-150-R35  | SUS304   | 202.5 | 22   | 38.1  | 58.7  | 181   | 8.4*20  | M6*6  |
| CF-150-R63  | SUS304   | 202.5 | 22   | 63.5  | 92.1  | 181   | 8.4*20  | M8*8  |
| CF-150-R100 | SUS304   | 202.5 | 22   | 101.6 | 130.3 | 181   | 8.4*20  | M8*16 |
| CF-200-R35  | SUS304   | 253.2 | 24.7 | 38.1  | 58.7  | 231.8 | 8.4*24  | M6*6  |
| CF-200-R63  | SUS304   | 253.2 | 24.7 | 63.5  | 92.1  | 231.8 | 8.4*24  | M8*8  |
| CF-200-R100 | SUS304   | 253.2 | 24.7 | 101.6 | 130.3 | 231.8 | 8.4*24  | M8*16 |
| CF-200-R150 | SUS304   | 253.2 | 24.7 | 152.4 | 181   | 231.8 | 8.4*24  | M8*20 |
| CF-275-R35  | SUS304   | 336.5 | 28.5 | 38.1  | 58.7  | 306.5 | 10.3*30 | M6*6  |
| CF-275-R63  | SUS304   | 336.5 | 28.5 | 63.5  | 92.1  | 306.5 | 10.3*30 | M8*8  |
| CF-275-R100 | SUS304   | 336.5 | 28.5 | 101.6 | 130.3 | 306.5 | 10.3*30 | M8*16 |
| CF-275-R150 | SUS304   | 336.5 | 28.5 | 152.4 | 181   | 306.5 | 10.3*30 | M8*20 |
| CF-275-R200 | SUS304   | 336.5 | 28.5 | 203.2 | 231.8 | 306.5 | 10.3*30 | M8*24 |



CF Blank Flange-Nonrotatable  
CF Blank Flange-Nonrotatable with Tapped Bolt Holes



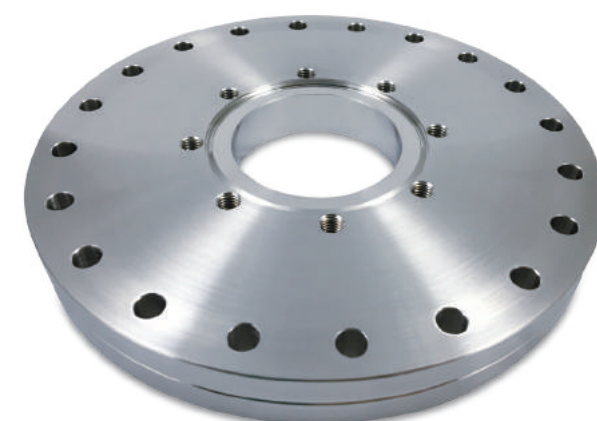
CR Blank Flange-Rotatable  
CR Blank Flange-Rotatable with Tapped Bolt Holes



CF Bored Flange-Nonrotatable  
CF Bored Flange-Nonrotatable with Tapped Bolt Holes



CR Bored Flange-Rotatable  
CR Bored Flange-Rotatable With Tapped Bolt Holes



CF Reducing Flange

# F HOSES & BELLOWS

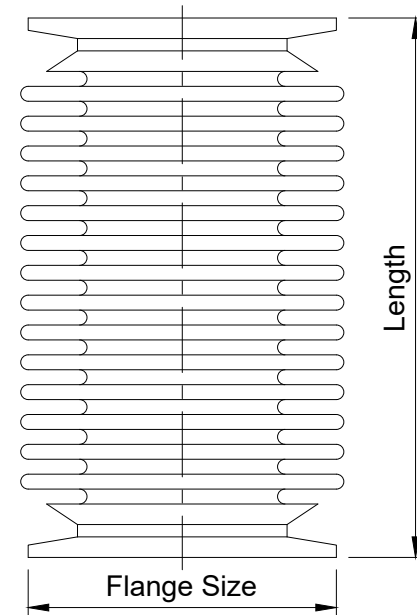
- 74 KF NW Flexible Hoses
- 75 KF NW Compressible Bellows Connections
- 76 KF NW ISO Compressible Bellows Connections
- 77 CF CR Compressible Bellows Connections





# HOSES & BELLOWS

KF NW Flexible Hoses

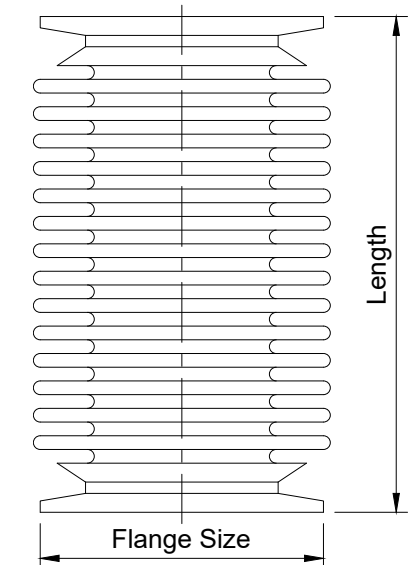


| Model No.    | Flange Size | Length |
|--------------|-------------|--------|
| KF-16-FH250  | KF NW 16    | 250    |
| KF-25-FH250  | KF NW 25    | 250    |
| KF-40-FH250  | KF NW 40    | 250    |
| KF-50-FH250  | KF NW 50    | 250    |
| KF-16-FH500  | KF NW 16    | 500    |
| KF-25-FH500  | KF NW 25    | 500    |
| KF-40-FH500  | KF NW 40    | 500    |
| KF-50-FH500  | KF NW 50    | 500    |
| KF-16-FH750  | KF NW 16    | 750    |
| KF-25-FH750  | KF NW 25    | 750    |
| KF-40-FH750  | KF NW 40    | 750    |
| KF-50-FH750  | KF NW 50    | 750    |
| KF-16-FH1000 | KF NW 16    | 1000   |
| KF-25-FH1000 | KF NW 25    | 1000   |
| KF-40-FH1000 | KF NW 40    | 1000   |
| KF-50-FH1000 | KF NW 50    | 1000   |

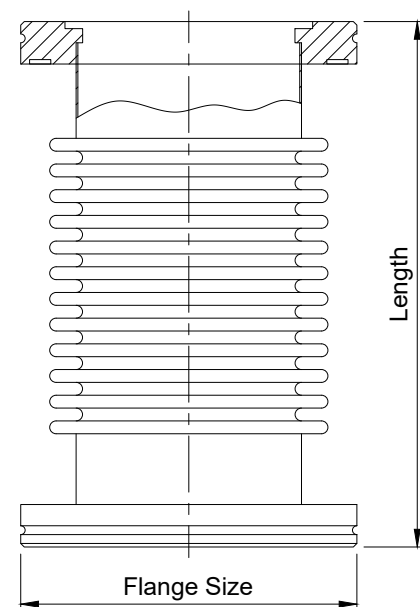


# HOSES & BELLOWS

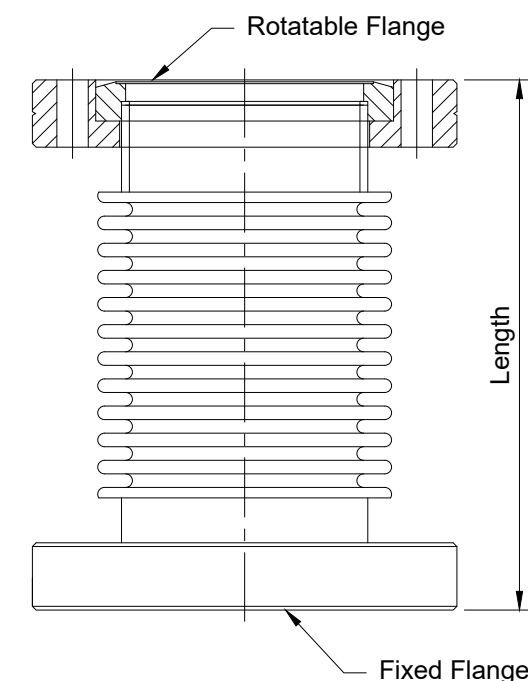
KF NW Compressible Bellows Connections



| Model No.    | Flange Size | Length |
|--------------|-------------|--------|
| KF-16-FS100  | KF NW 16    | 100    |
| KF-25-FS100  | KF NW 25    | 100    |
| KF-40-FS100  | KF NW 40    | 100    |
| KF-50-FS100  | KF NW 50    | 100    |
| KF-16-FS250  | KF NW 16    | 250    |
| KF-25-FS250  | KF NW 25    | 250    |
| KF-40-FS250  | KF NW 40    | 250    |
| KF-50-FS250  | KF NW 50    | 250    |
| KF-16-FS500  | KF NW 16    | 500    |
| KF-25-FS500  | KF NW 25    | 500    |
| KF-40-FS500  | KF NW 40    | 500    |
| KF-50-FS500  | KF NW 50    | 500    |
| KF-16-FS750  | KF NW 16    | 750    |
| KF-25-FS750  | KF NW 25    | 750    |
| KF-40-FS750  | KF NW 40    | 750    |
| KF-50-FS750  | KF NW 50    | 750    |
| KF-16-FS1000 | KF NW 16    | 1000   |
| KF-25-FS1000 | KF NW 25    | 1000   |
| KF-40-FS1000 | KF NW 40    | 1000   |
| KF-50-FS1000 | KF NW 50    | 1000   |



| Model No.     | Flange Size | Length |
|---------------|-------------|--------|
| ISO-63-FS180  | ISO 63      | 180    |
| ISO-80-FS180  | ISO 80      | 180    |
| ISO-100-FS180 | ISO 100     | 180    |
| ISO-160-FS200 | ISO 160     | 200    |
| KF-63-FS180   | KF NW 63    | 180    |
| KF-80-FS180   | KF NW 80    | 180    |
| KF-100-FS180  | KF NW 100   | 180    |
| KF-160-FS200  | KF NW 160   | 180    |



| Model No.    | Flange Size | Length |
|--------------|-------------|--------|
| CF-16-FS150  | 33.8        | 150    |
| CF-35-FS180  | 69.5        | 180    |
| CF-63-FS210  | 113.6       | 210    |
| CF-100-FS250 | 151.6       | 250    |
| CF-160-FS250 | 202.5       | 250    |
| CF-200-FS300 | 253.2       | 300    |

memo

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[illegible]