

# Flange Charts

## Ductile to Ductile NP16

Nominal diameter	PN16
mm	No x dia x length
50	4 M16 x 65
80	8 M16 x 65
100	8 M16 x 65
150	8 M20 x 70
200	12 M20 x 70
250	12 M24 x 90
300	12 M24 x 90
350	16 M24 x 90
400	16 M27 x 100
450	20 M27 x 100
500	20 M30 x 110
600	20 M33 x 120
700	24 M33 x 130
800	24 M36 x 140
900	28 M36 x 140
1000	28 M39 x 160
1100	32 M39 x 160
1200	32 M45 x 180
1400	36 M45 x 180
1600	40 M52 x 200
2000	48 x M56 x 240

## Ductile to Ductile NP10

Nominal diameter	PN10
mm	No x dia x length
50	4 M16 x 65
80	8 M16 x 65
100	8 M16 x 65
150	8 M20 x 70
200	8 M20 x 70
250	12 M20 x 80
300	12 M20 x 80
350	16 M20 x 80
400	16 M24 x 85
450	20 M24 x 85
500	20 M24 x 85
600	20 M27 x 100
700	24 M27 x 100
800	24 M30 x 110
900	28 M30 x 120
1000	28 M33 x 130
1100	32 M33 x 130
1200	32 M36 x 140
1400	36 M39 x 150
1600	40 M45 x 160
2000	

## Ductile to Ductile NP25

Nominal diameter	PN25
mm	No x dia x length
50	4 M16 x 65
80	8 M16 x 65
100	8 M20 x 70
150	8 M24 x 85
200	12 M24 x 85
250	12 M27 x 100
300	16 M27 x 100
350	16 M30 x 110
400	16 M33 x 120
450	20 M33 x 120
500	20 M33 x 120
600	20 M36 x 140
700	24 M39 x 150
800	24 M45 x 100
900	28 M45 x 180
1000	28 M52 x 200
1100	32 M52 x 200
1200	32 M52 x 200
1400	36 M56 x 220
1600	40 M55 x 240
2000	

## Steel to Steel NP16

Nominal diameter	Bolt Size
mm	No x dia x length
50	4 M16 x 70
80	8 M16 x 70
100	8 M16 x 70
150	8 M20 x 75
200	12 M20 x 80
250	12 M24 x 100
300	12 M24 x 110
350	16 M24 x 120
400	16 M27 x 120
450	20 M27 x 130
500	20 M30 x 150
600	20 M33 x 160
700	24 M33 x 170
800	24 M36 x 190
900	28 M36 x 210
1000	28 M39 x 220

## Ductile-PE NP16

Nominal diameter	Bolt Size
mm	No x dia x length
50	4 M16 x 70
80	8 M16 x 75
100	8 M16 x 80
150	8 M20 x 90
200	12 M20 x 100
250	12 M24 x 120
300	12 M24 x 120
350	16 M24 x 130
400	16 M27 x 130
450	20 M27 x 150
500	20 M30 x 160
600	20 M33 x 180
700	24 M33 x 200
800	24 M36 x 210
900	28 M36 x 230
1000	28 M39 x 280

## PE-PE NP16

Nominal diameter	Bolt Size
mm	No x dia x length
50	4 M16 x 80
80	8 M16 x 80
100	8 M16 x 100
150	8 M20 x 120
200	12 M20 x 120
250	12 M24 x 150
300	12 M24 x 150
350	16 M24 x 160
400	16 M27 x 160
450	20 M27 x 190
500	20 M30 x 200
600	20 M33 x 240
700	24 M33 x 260
800	24 M36 x 280
900	28 M36 x 310

