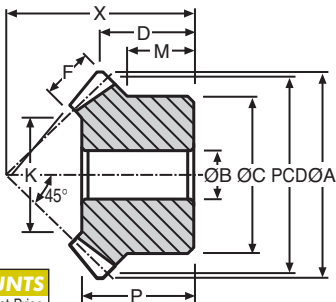


Materials

Spiral Bevel Gears 1:1

STD : Steel S45C with Induction
Hardened Tooth Surfaces

1-3 MOD



20° Pressure Angle

Right Hand Gear, Left Hand Pinion

NOTE: Other ratios available 2:1, 3:1, 4:1.

Please consult telesales for further information.

DISCOUNTS

| | |
|-----------|------------|
| 1 - 5 | List Price |
| 6 - 19 | - 12% |
| 20 - 39 | - 25% |
| 40 - 59 | - 33% |
| 60 - 99 | - 37% |
| 100 - 200 | - 42% |

| PART NUMBER | TEETH | MOD | PCD | ØA | ØB | ØC | X | D | M | P | F | K | WEIGHT Kgf | PRICE EA. 1-5 |
|-------------|-------|-----|-------|-------|----|-----|-----|------|------|----|----|-------|------------|---------------|
| SMS1-20R | 20 | 1 | 20.0 | 21.2 | 6 | 16 | 20 | 10.6 | 8.0 | 12 | 5 | 9.86 | 0.02 | £26.37 |
| SMS1-20L | 20 | 1 | 20.0 | 21.2 | 6 | 16 | 20 | 10.6 | 8.0 | 12 | 5 | 9.86 | 0.02 | £26.37 |
| SMS1-25R | 25 | 1 | 25.0 | 26.2 | 6 | 20 | 23 | 11.1 | 8.0 | 14 | 6 | 15.03 | 0.05 | £37.35 |
| SMS1-25L | 25 | 1 | 25.0 | 26.2 | 6 | 20 | 23 | 11.1 | 8.0 | 14 | 6 | 15.03 | 0.05 | £37.35 |
| SMS1.5-20R | 20 | 1.5 | 30.0 | 31.8 | 8 | 26 | 30 | 15.9 | 13.0 | 19 | 8 | 15.37 | 0.07 | £39.69 |
| SMS1.5-20L | 20 | 1.5 | 30.0 | 31.8 | 8 | 26 | 30 | 15.9 | 13.0 | 19 | 8 | 15.37 | 0.07 | £39.69 |
| SMS1.5-25R | 25 | 1.5 | 37.0 | 39.3 | 10 | 30 | 34 | 16.2 | 11.5 | 19 | 9 | 19.54 | 0.12 | £57.52 |
| SMS1.5-25L | 25 | 1.5 | 37.0 | 39.3 | 10 | 30 | 34 | 16.2 | 11.5 | 19 | 9 | 19.54 | 0.12 | £57.52 |
| SMS2-20R | 20 | 2 | 40.0 | 42.4 | 12 | 34 | 37 | 18.2 | 14.0 | 22 | 10 | 21.72 | 0.15 | £50.99 |
| SMS2-20L | 20 | 2 | 40.0 | 42.4 | 12 | 34 | 37 | 18.2 | 14.0 | 22 | 10 | 21.72 | 0.15 | £50.99 |
| SMS2.5-20R | 20 | 2.5 | 50.0 | 52.9 | 14 | 42 | 48 | 24.5 | 19.0 | 29 | 12 | 28.06 | 0.3 | £86.46 |
| SMS2.5-20L | 20 | 2.5 | 50.0 | 52.9 | 14 | 42 | 48 | 24.5 | 19.0 | 29 | 12 | 28.06 | 0.3 | £86.46 |
| SMS3-20R | 20 | 3 | 60.0 | 63.7 | 16 | 50 | 58 | 29.9 | 23.0 | 35 | 15 | 31.57 | 0.5 | £115.96 |
| SMS3-20L | 20 | 3 | 60.0 | 63.7 | 16 | 50 | 58 | 29.9 | 23.0 | 35 | 15 | 31.57 | 0.5 | £115.96 |
| SMS3.5-20R | 20 | 3.5 | 70.0 | 74.4 | 20 | 60 | 65 | 32.2 | 25.0 | 40 | 18 | 39.09 | 0.8 | £162.59 |
| SMS3.5-20L | 20 | 3.5 | 70.0 | 74.4 | 20 | 60 | 65 | 32.2 | 25.0 | 40 | 18 | 39.09 | 0.8 | £162.59 |
| SMS4-20R | 20 | 4 | 80.0 | 84.8 | 20 | 64 | 75 | 37.4 | 27.0 | 45 | 20 | 43.43 | 1.1 | £197.23 |
| SMS4-20L | 20 | 4 | 80.0 | 84.8 | 20 | 64 | 75 | 37.4 | 27.0 | 45 | 20 | 43.43 | 1.1 | £197.23 |
| SMS5-20R | 20 | 5 | 100.0 | 105.9 | 25 | 80 | 90 | 42.9 | 30.0 | 54 | 26 | 54.46 | 2.1 | £274.67 |
| SMS5-20L | 20 | 5 | 100.0 | 105.9 | 25 | 80 | 90 | 42.9 | 30.0 | 54 | 26 | 54.46 | 2.1 | £274.67 |
| SMS6-20R | 20 | 6 | 120.0 | 127.1 | 28 | 100 | 104 | 47.6 | 34.0 | 60 | 30 | 67.15 | 3.6 | £452.38 |
| SMS6-20L | 20 | 6 | 120.0 | 127.1 | 28 | 100 | 104 | 47.6 | 34.0 | 60 | 30 | 67.15 | 3.6 | £452.38 |
| SMS8-20R | 20 | 8 | 160.0 | 169.9 | 30 | 130 | 125 | 50.0 | 30.0 | 62 | 35 | 95.00 | 7.1 | £669.57 |
| SMS8-20L | 20 | 8 | 160.0 | 169.9 | 30 | 130 | 125 | 50.0 | 30.0 | 62 | 35 | 95.00 | 7.1 | £669.57 |

Bevel Gears Steel MOD 1-3



Spiral Bevel Gears 1:1

Materials

1-3 MOD

STD : Steel S45C - Induction
Hardened Tooth Surfaces



Spiral Angle : 35°

Pitch Angle : 45°

Face Angle : 20 teeth - 49° 12'

: 25 teeth - 48° 22'

: 30 teeth - 47° 48'

DISCOUNTS

| 1 - 5 | List Price |
|-----------|------------|
| 6 - 19 | - 12% |
| 20 - 39 | - 25% |
| 40 - 59 | - 33% |
| 60 - 99 | - 37% |
| 100 - 200 | - 42% |

Note : Gears can be supplied with larger bores and other modifications such as keyways and tapped holes. Teeth are available in larger sizes please ring our technical department for alternative sizes.

20° Pressure Angle

| PART NUMBER | TEETH H | MOD | PCD | ØA | ØB | ØC | X | D | M | P | F | K | WEIGHT Kgf | PRICE EA. 1-5 |
|--------------------------|---------|-----|-------|--------|----|-----|-----|-------|------|----|----|-------|------------|--------------------|
| SMS2-25R SMS2-25L | 25 | 2 | 50.0 | 52.4 | 12 | 40 | 40 | 16.2 | 10.0 | 20 | 12 | 31 | 0.20 | £76.24 £76.24 |
| SMS2.5-25R SMS2.5-25L | 25 | 2.5 | 62.5 | 65.5 | 16 | 50 | 50 | 20.3 | 12.5 | 26 | 15 | 39 | 0.40 | £101.25 £101.25 |
| SMS3-25R SMS3-25L | 25 | 3 | 75.0 | 78.8 | 20 | 60 | 60 | 24.4 | 15.0 | 32 | 20 | 44 | 0.70 | £134.78 £134.78 |
| SMS3.5-25R SMS3.5-25L | 25 | 3.5 | 87.5 | 91.81 | 25 | 70 | 70 | 28.41 | 17.5 | 37 | 22 | 46.77 | 1.14 | £193.06 £193.06 |
| SMS4-25R SMS4-25L | 25 | 4 | 100.0 | 104.7 | 28 | 80 | 80 | 32.35 | 20 | 43 | 25 | 55.29 | 1.71 | £233.96 £233.96 |
| SMS5-25R SMS5-25L | 25 | 5 | 125.0 | 130.86 | 28 | 100 | 100 | 40.43 | 25 | 50 | 30 | 65.15 | 3.39 | £354.90 £354.90 |
| SMS6-25R SMS6-25L | 25 | 6 | 150.0 | 157.17 | 28 | 120 | 120 | 48.58 | 30 | 61 | 35 | 83 | 5.99 | £541.47 £541.47 |
| SMS1-30R SMS1-30L | 30 | 1 | 30.0 | 31.2 | 8 | 24 | 28 | 13.6 | 10.0 | 16 | 6 | 19.03 | 0.05 | £39.85 £39.85 |
| SMS1.5-30R SMS1.5-30L | 30 | 1.5 | 45.0 | 46.8 | 10 | 35 | 43 | 21.4 | 16.0 | 25 | 10 | 25.72 | 0.20 | £59.74 £59.74 |
| SMS2-30R SMS2-30L | 30 | 2 | 60.0 | 62.4 | 12 | 45 | 50 | 21.2 | 12.5 | 25 | 12 | 36.06 | 0.37 | £109.67 £109.67 |
| SMS2.5-30R SMS2.5-30L | 30 | 2.5 | 75.0 | 78.0 | 16 | 60 | 62 | 26.0 | 17.0 | 32 | 15 | 47.57 | 0.77 | £140.06 £140.06 |
| SMS3-30R SMS3-30L | 30 | 3 | 90.0 | 93.6 | 20 | 70 | 75 | 31.8 | 20.0 | 40 | 20 | 53.43 | 1.30 | £191.87 £191.87 |
| SMS3.5-30R SMS3.5-30L | 30 | 3.5 | 105.0 | 109.2 | 25 | 90 | 85 | 34.6 | 25.0 | 45 | 22 | 67.77 | 2.3 | £239.13 £239.13 |
| SMS4-30R SMS4-30L | 30 | 4 | 120.0 | 124.7 | 28 | 100 | 95 | 37.3 | 25.0 | 50 | 25 | 79.29 | 3.2 | £322.81 £322.81 |
| SMS5-30R SMS5-30L | 30 | 5 | 150.0 | 155.9 | 28 | 130 | 120 | 47.9 | 35.0 | 62 | 30 | 99.15 | 6 | £597.99 £597.99 |

Bevel Gears Steel MOD 1:3

14.24



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