

ES 120 K

1.2083 EST, soft-annealed
X 40 Cr 14

Characteristic or application:

hardenable, corrosion-resistant steel for compression and injection moulds for processing aggressive plastics

| Diameter in mm | Availability: peeled or machined | | | | | | | | | | | | | | | | | | |
|----------------|----------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|-----|-----|-----|-----|-----|-----|
| | 20,5 | 26 | 31 | 36 | 41 | 46 | 51 | 56 | 61 | 66 | 71 | 81 | 91 | 101 | 111 | 121 | 131 | 141 | 151 |
| | 161 | 172 | 182 | 202 | 222 | 252 | 282 | 303 | 353 | | | | | | | | | | |

| Thickness in mm | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 100 |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | 200 | 160 | 160 | 1010 | 160 | 1010 | 60 | 1010 | 160 | 1010 | 200 | 1250 | 100 | 1010 | 200 | 200 |
| | 250 | 200 | 200 | 1250 | 200 | 1250 | 80 | 1250 | 200 | 1300 | 250 | | 160 | | 250 | 250 |
| | 300 | 250 | 250 | | 250 | | 160 | | 250 | | 300 | | 200 | | 300 | 300 |
| | 400 | 300 | 300 | | 300 | | 200 | | 300 | | 350 | | 250 | | 400 | 350 |
| | 500 | 400 | 400 | | 350 | | 250 | | 350 | | 400 | | 300 | | 1010 | 400 |
| | 1010 | 1010 | 1010 | | 400 | | 300 | | 400 | | 1010 | | 350 | | 1250 | 450 |
| | 1250 | 1250 | 1250 | | 1010 | | 350 | | 1010 | | 1250 | | 400 | | | 1010 |
| | 1600 | | 1600 | | 1250 | | 400 | | 1250 | | | | 450 | | | 1300 |
| | | | | | 1600 | | 1010 | | 1600 | | | | 1010 | | | |
| | | | | | | | 1250 | | | | | | 1300 | | | |
| | | | | | | | 1600 | | | | | | | | | |

| Thickness in mm | 110 | 130 | 150 | 160 | 205 | 255 | 305 |
|-----------------|------|------|------|------|------|------|------|
| | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 | 1010 |

ES 120 K ESR

1.2083 ESR soft-annealed
X 40 Cr 14

Characteristic or application:

highly polishable, corrosion-resistant steel for compression and injection moulds for processing aggressive plastics

| Thickness in mm | 205 | 225 | 250 | 300 |
|-----------------|-----|-----|-----|-----|
| | 850 | 850 | 900 | 900 |