

| Thread Size<br>d |                  | M8   | M10 | M12  | M16 | M20 | M24 | M30 | M36 | M42 | M48 | M56 | M64 | M72×6 |
|------------------|------------------|------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| <b>a</b>         | Nominal Size     | 16   | 20  | 24   | 32  | 40  | 48  | 60  | 72  | 85  | 98  | /   | /   | /     |
|                  | max              | 19   | 23  | 27   | 35  | 43  | 51  | 63  | 75  | 88  | 101 | /   | /   | /     |
|                  | min              | 13   | 17  | 21   | 29  | 37  | 45  | 57  | 69  | 82  | 95  | /   | /   | /     |
| <b>c</b>         | Nominal Size     | 12   | 15  | 18   | 24  | 30  | 36  | 45  | 54  | 63  | 72  | 84  | 96  | 110   |
|                  | max              | 17   | 20  | 23   | 29  | 35  | 41  | 50  | 59  | 68  | 77  | 89  | 101 | 115   |
|                  | min              | 7    | 10  | 13   | 19  | 25  | 31  | 40  | 49  | 58  | 67  | 79  | 91  | 105   |
| <b>g</b>         | ≈                | 5    | 7   | 8    | 11  | 14  | 18  | 24  | 30  | 34  | 40  | 45  | 50  | 60    |
| <b>b</b>         | min=nominal size | 20   | 25  | 30   | 40  | 50  | 60  | 75  | 90  | 105 | 120 | 140 | 160 | 180   |
|                  | max              | 22.5 | 28  | 33.5 | 44  | 55  | 66  | 82  | 98  | 114 | 130 | 151 | 172 | 192   |