

## STEEL MEASURING BALLS



- To measure angle and diameter of taper holes
- Material: tool steel
- Hardness: HRC63
- Diameter accuracy:  $\pm 3\mu\text{m}$
- Roundness:  $1\mu\text{m}$
- Supplied with manufacturer inspection certificate

### Individual

| Code    | Diameter |
|---------|----------|
| 4168-01 | 1mm      |
| 4168-02 | 2mm      |
| 4168-03 | 3mm      |
| 4168-04 | 4mm      |
| 4168-05 | 5mm      |
| 4168-06 | 6mm      |
| 4168-07 | 7mm      |
| 4168-08 | 8mm      |
| 4168-09 | 9mm      |
| 4168-10 | 10mm     |
| 4168-11 | 11mm     |
| 4168-12 | 12mm     |
| 4168-13 | 13mm     |

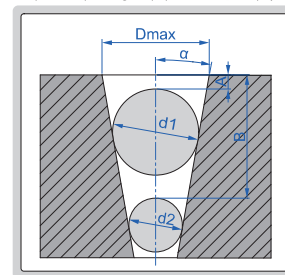
### Individual

| Code    | Diameter |
|---------|----------|
| 4168-14 | 14mm     |
| 4168-15 | 15mm     |
| 4168-16 | 16mm     |
| 4168-17 | 17mm     |
| 4168-18 | 18mm     |
| 4168-19 | 19mm     |
| 4168-20 | 20mm     |
| 4168-21 | 21mm     |
| 4168-22 | 22mm     |
| 4168-23 | 23mm     |
| 4168-24 | 24mm     |
| 4168-25 | 25mm     |



4168-S25

calculate angle ( $\alpha$ ) and diameter ( $D_{\text{max}}$ ) according to the ball diameter ( $d_1$ ,  $d_2$ ), height ( $A$ ) and depth ( $B$ )



### Set (25 pairs)

| Code     | Steel balls included (one pair per size)                                                    |
|----------|---------------------------------------------------------------------------------------------|
| 4168-S25 | 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25mm |