

GAUGE BLOCKS

Gauge Block Set M32, M47, M88, M112 and M122.

Nominal lengths 1 ÷ 100 mm in steel, carbide or ceramic.

Grades K, 0, 1 and 2 available in all sets. Steel gauges to all grades with DAkkS certificate. Carbide or ceramic gauges to all grades with UKAS certificate.

ISO 3650

Limit deviations t_s , see Table

Tolerances t_s , see Table

see Table

Steel: highly alloyed, wear resistant.
 Tungsten carbide: wear resistant and stable.
 Ceramic: stabilised zirconia, extremely resistant to wear and scratches

Steel: $(11,5 \pm 1,0) \times 10^{-8} K^{-1}$
 Tungsten carbide: $(4,23 \pm 0,1) \times 10^{-8} K^{-1}$
 Ceramic: $(9,7 \pm 0,8) \times 10^{-8} K^{-1}$

Steel gauges to all grades with DAkkS certificate. Carbide or ceramic gauges to all grades with UKAS certificate

TESA Gauge Block Set M32, Metric

No			Grade
0651516027	Steel	K	K
0651515027	Steel	0	0
0651511027	Steel	1	1
0651512028	Steel	2	2

Set compositions

mm	Steps, mm	Pieces
1,005	–	1
1,01 ÷ 1,09	0,01	9
1,1 ÷ 1,9	0,1	9
1,0 ÷ 9,0	1,0	9
10, 20, 30, 60	–	4

TESA Gauge Block Set M47, Metric

No			Grade
0651516021	Steel	K	K
0651515021	Steel	0	0
0651511021	Steel	1	1
0651512021	Steel	2	2

Set compositions

mm	Steps, mm	Pieces
1,005	–	1
1,01 ÷ 1,09	0,01	9
1,1 ÷ 1,9	0,1	9
1,0 ÷ 24,0	1,0	24
25 ÷ 100	25	4

TESA Gauge Block Set M88, Metric

No			Grade
0651516014	Steel	K	K
0651515014	Steel	0	0
0651511014	Steel	1	1
0651512014	Steel	2	2

Set compositions

mm	Steps, mm	Pieces
1,0005	–	1
1,001 ÷ 1,009	0,001	9
1,01 ÷ 1,49	0,01	49
0,5 ÷ 9,5	0,5	19
10 ÷ 100	10	10

