



Tombstones

Superior Clamping and Gripping



Product Overview



Gripping Systems

Clamping Technology



Chuck Jaws



Lathe Chucks



Stationary Workholding



Toolholders



Hydraulic Expansion Technology



VERO-S



TANDEM



ROTA



KONTEC



Tombstones

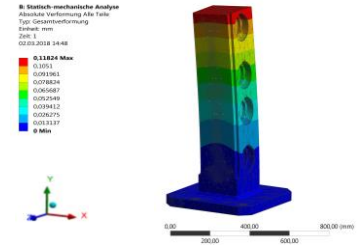


MAGNOS

SCHUNK Services

Engineering

- Dimensioning of special plates designed to the manufacturing specifications
- Development of special solutions together with the customer
- FEM analysis for critical components



Testing

- Endurance tests with all new developments
- Abrasion checking
- Measurement of accuracy



Service

- Initial operation of customer's solution
- Inspection and maintenance
- Repairs



Overview

Tombstones

Hybrid Tombstones

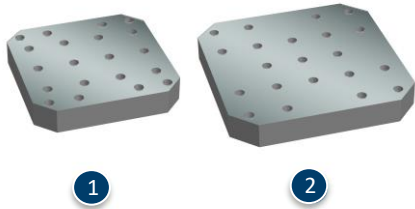


Tombstones



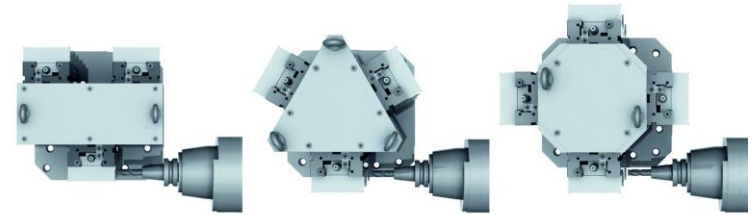
Tombstones

Selection of pallet size



- 1 Pallet size 400 x 400 mm
- 2 Pallet size 500 x 500 mm

Selection of the base profile



Selection of bore hole grid



- 1 Rough clamping surfaces without bore holes for finishing by customer
- 2 Standard bore hole grid, finely milled, with through-hole grid 50 mm
- 3 SCHUNK bore hole grid finely milled, reduced grid, for SCHUNK clamping devices
- 4 VERO-S tombstones with integrated clamping modules, clearance 200 mm

Tombstones

Selection of insertion



1



2

- 1 Without clamping devices
- 2 With clamping devices

Tombstones with clamping vises



VERO-S tombstones



Double angle tombstones



Tombstones

Triangle tombstones



Cube tombstones



Octangle tombstones



Variants of Tombstones



Technical Data	Palett size [mm]	Weight [kg]
Tombstones wiht Clamping Vises		
SAT-KSD 4V 100 - 400	400 x 400	202
SAT-KSD 4V 125 - 400	400 x 400	236
SAT-KSD 4V 125 - 500	500 x 500	262
SAT-KSM2 4V 90 - 400	400 x 400	193
SAT-KSM2 4V 90 - 500	500 x 500	193
SAT-KSM2 8V 90 - 400	400 x 400	242
SAT-KSM2 8V 90 - 500	500 x 500	267
SAT-KSG 2V 100	250 x 250	56
SAT-KSG 2V 125	250 x 250	92
SAT-KSG 4V 100 - 400	400 x 400	148
SAT-KSG 4V 125 - 400	400 x 400	224
SAT-KSG 4V 125 - 500	500 x 500	252

Technical Data	Palett size [mm]	Weight [kg]
Tombstones wiht Clamping Vises		
SAT-KSO 65 4V		18.5
SAT-KSF plus 100 - 400	400 x 400	160
SAT-KSF plus 100 - 500	500 x 500	188
SAT-KSF plus 160 - 500	500 x 500	355
VERO-S Tombstones		
VAT3-DW 400	400 x 400	220
VAT3-DW 500	500 x 500	248
VAT3-DR 400	400 x 400	196
VAT3-DR 500	500 x 500	223
VAT3-AE 400	400 x 400	197
VAT3-AE 500	500 x 500	224

Variants of Tombstones

Technical Data	Palett size [mm]	Weight [kg]
Double Angle Tombstones		
SAT-DW-R 400	400 x 400	221
SAT-DW-R 500	500 x 500	235
SAT-DW-BR 400	400 x 400	220
SAT-DW-BR 500	500 x 500	225
SAT-DW-BRS 400	400 x 400	203
SAT-DW-BRS 500	500 x 500	228
Triangle Tombstones		
SAT-DR-R 400	400 x 400	195
SAT-DR-R 500	500 x 500	225
SAT-DR-BR 400	400 x 400	175
SAT-DR-BR 500	500 x 500	205
SAT-DR-BRS 400	400 x 400	178
SAT-DR-BRS 500	500 x 500	208

Technical Data	Palett size [mm]	Weight [kg]
Cube Tombstones		
SAT-W-R 400	400 x 400	180
SAT-W-R 500	500 x 500	320
SAT-W-BR 400	400 x 400	155
SAT-W-BR 500	500 x 500	262
SAT-W-BRS 400	400 x 400	157
SAT-W-BRS 500	500 x 500	265
Octangle Tombstones		
SAT-AE-R 400	400 x 400	195
SAT-AE-R 500	500 x 500	220
SAT-AE-BRS4 400	400 x 400	180
SAT-AE-BRS4 500	500 x 500	205
SAT-AE-BRS8 400	400 x 400	160
SAT-AE-BRS8 500	500 x 500	185

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