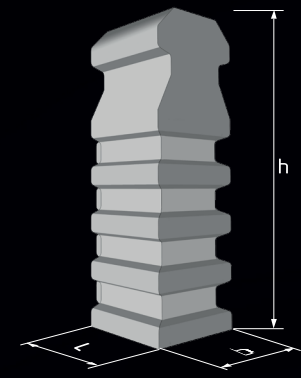
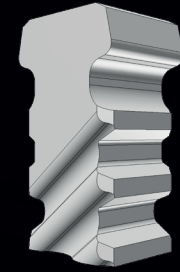


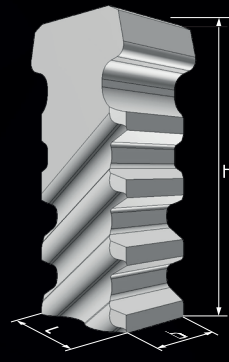
ANCHOR BRICKS WITH BRACKETS



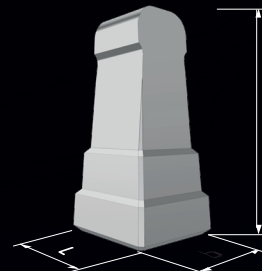
A 305



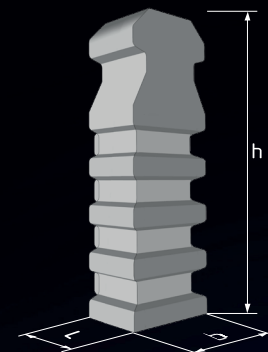
AT 21



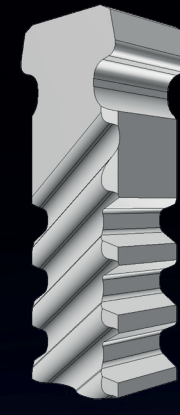
AT 27



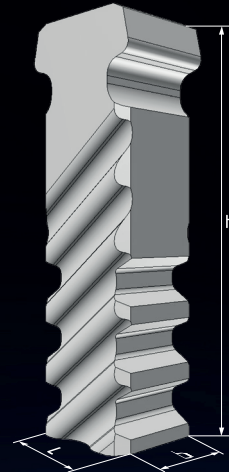
A 401



A 402



AT 33 N



AT 39 N

Chemical analysis							BD	Po	CCS	TSR	RUL-105
	Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	Cr ₂ O ₃	ZrO ₂	P ₂ O ₅				H ₂ O	
	%						g/cm ³	Vol. %	N/mm ²	n	°C
Suprema SA 601 AS	60	37	1				2,6	14	90	>30	1600
Suprema SA 605 P	60	36	0,9			1,5	2,6	13	120	>30	1620
Suprema SA 70	70	27	0,8				2,7	15	90	>30	1650
Antelco 60	61	35	1,1				2,55	15	90	30	1540
Suprema T 50	52	44	1,1				2,42	15	60	36	1360
Suprema T 60	61	34	1,3				2,55	15	70	30	1410
Suprema T 70	69	25	1,4				2,7	16	70	30	1440
Suprema CZK 825 P	81	8	0,4	6		1,5	3,15	13	130	>30	>1670
Suprema CZK 810 P	82	2	0,2	10	4	1,5	3,43	12	150	>30	1670
Suprema KE 85 P	85	12	0,4			1,6	3,05	14	150	>30	>1670
Suprema B 80	81	18	1,4				2,8	18	90	30	1510
Suprema ME 901	90	9	0,2				3,05	15	130	>30	>1670
Suprema KE 99	99,5	0,2	0,1				3,35	15	120	15	>1670

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All data results to our current state of knowledge. They do not represent quality specifications. Technical details subject to change. **PF 0088 0100 EN** Printed in Germany

Application temperature, operating temperature, the composition of the monolithic lining materials, the wear profile of the plant, extreme temperature load or aggressive chemical attack, the furnace chamber atmosphere, comprehensive thermomechanical computations – these are the criteria that influence the design of the support structure for hanging ceilings, ceiling boxes and walls.

DESIGN AND PRODUCTION BRICK ANCHOR SYSTEMS

Steuler anchor bricks are used to fix unformed materials and prefabricated elements in place. They are in turn supported by C-clips, retaining brackets or threaded L-studs. Steuler supplies not only the respective standard formats, but custom designs for the iron and steel industry, non-ferrous metals industry, cement industry, chemical industry and hazardous waste incineration plants too.

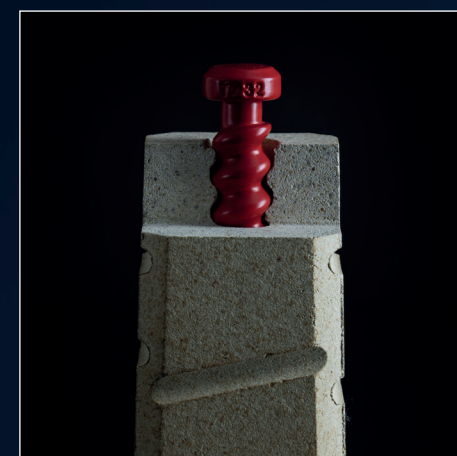
- **High retention and load-bearing capacity at temperatures of up to 1700 °C**
- **Good thermomechanical properties, volume stability and thermal shock resistance**
- **Straightforward installation of the anchor bricks to the structural steelwork or external wall by means of C-clips, brackets or L-studs**
- **Corrugated geometry for better attachment to unformed materials**
- **Anchor brick heads reliably transfer large retaining forces**
- **Wide choice of materials and formats to suit the application in question**

Steuler manufactures anchor bricks in Germany using the plastic and dry pressing method and is thus able to produce complex geometries quickly and reliably. Thanks to our extensive choice of materials ranging from 40% up to 99% Al₂O₃ and other speciality grades, such as chrome corundum or zirconium oxide, we have a solution for almost every application environment. With our in-house mould-making department and CAD support, Steuler is able to quickly and reliably accommodate special customer requirements not met by the standard formats and materials as well.

Anchor bricks in various designs and material qualities. The attachment to the steel structure can be done with C-clips, brackets or L-studs.



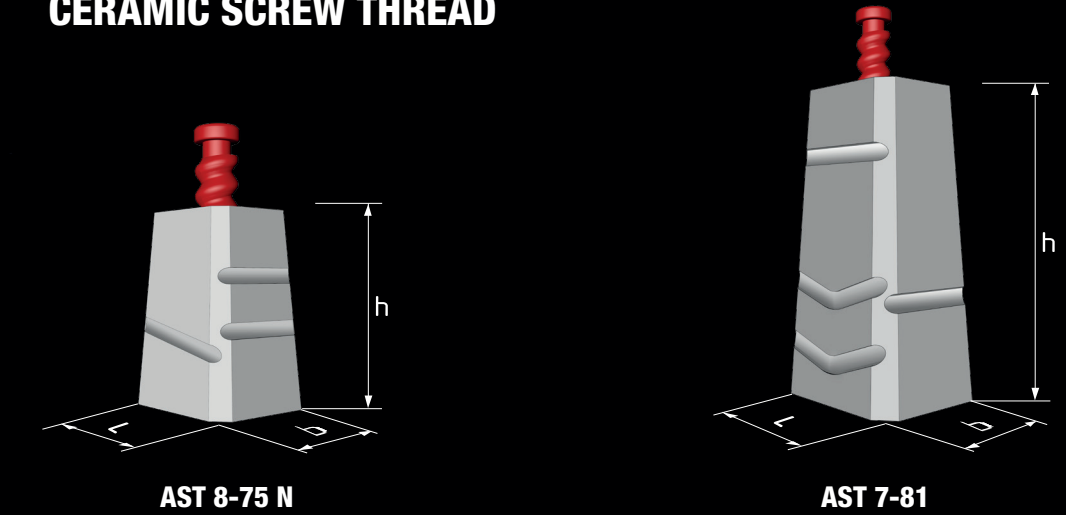
Cross section through an anchor brick with ceramic screw thread



Anchor brick for prefabricated ceilings



ANCHOR BRICKS WITH CERAMIC SCREW THREAD



Chemical analysis				BD	Po	CCS	TSR	RUL-t05
	Al ₂ O ₃	SiO ₂	Fe ₂ O ₃				H ₂ O	
	%			g/cm ³	Vol. %	N/mm ²	n	°C
Suprema K 55	57	38	1,3	2,22	23	50	30	1460
Suprema K 70	70	26	0,9	2,35	24	50	30	1560
Suprema KE 80	85	13	0,4	2,58	25	50	30	1560

Type	Dimensions in mm			Volume
	b	l	h	dm ³
AT 21	98	112	219	1,965
AT 27	98	112	276	2,418
AT 33 N	98	112	333	2,965
AT 39 N	98	112	390	3,510
A 305	118	120	350	3,910
A 401	160	160	350	5,278
A 402	118	90	350	2,843
AST 7-81	130	120	265	2,800
AST 8-75 N	115,2	117,2	180	1,430