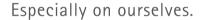




We place high demands.







Economical, flexible, high-quality solutions – you can count on these with Stolle. From the manufacture of the cast through development and planning to production with CNC-controlled machines, we provide you with complete clamping technology solutions from a single source. The wide range of possibilities we offer, provides you with numerous options in all aspects of cast iron plate manufacture.

Thanks to our extensive experience in the field of clamping technology, we are able to offer high-precision solutions to fully satisfy even your highest demands. This catalogue offers you the right products to meet your demands. Our own capacity is adjusted to ensure that we can also handle large orders from key accounts in the ideal manner with guaranteed delivery deadlines.

As a family owned company now in its fourth generation, with more than 110 years of tradition and experience in clamping technology, we know our business just as well as we know your demands. You can rely on that!







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Blueing plates



Blueing plates, Type TLN

		,	71 17 17				
Plate s	ize	Plate height	Weight		Price €		
approx.	mm	approx. mm	approx.	DIN III	DIN II	DIN I	DIN 0
			kg	DIN III	DIN II	DINT	DINO
200 x	200	65	7	123,00	216,00	327,00	352,00
300 x	200	65	10	153,00	263,00	375,00	409,00
300 x	300	85	19	174,00	304,00	403,00	428,00
400 x	300	85	25	198,00	345,00	449,00	491,00
400 x	400	85	27	224,00	379,00	503,00	544,00
500 x	400	95	37	267,00	457,00	591,00	636,00
500 x	500	100	50	323,00	564,00	700,00	770,00
600 x	400	100	55	354,00	579,00	725,00	797,00
600 x	500	100	59	403,00	664,00	828,00	930,00
600 x	600	125	81	560,00	804,00	1.010,00	1.144,00
700 x	500	125	88	571,00	816,00	1.031,00	1.189,00
800 x	500	125	100	587,00	851,00	1.086,00	1.296,00
800 x	600	145	127	682,00	968,00	1.204,00	1.414,00
800 x	800	150	176	895,00	1.192,00	1.429,00	1.714,00
1000 x	600	150	164	888,00	1.225,00	1.478,00	1.734,00
1000 x	800	175	236	1.111,00	1.457,00	1.712,00	2.206,00
1000 x	1000	175	290	1.210,00	1.556,00	1.870,00	2.411,00
1200 x	800	175	287	1.315,00	1.658,00	1.925,00	2.416,00

Stolle blueing plates are made from a special cast iron / steel alloy. The plate surface is machined to different levels of accuracy according to DIN 876 and the edges are machined angular.

DIN 876/III planed / milled DIN 876/II, I, 0 milled / scraped

The plates can be equipped with protective covers, handles, or table bearings if required.

The plates are delivered standard in RAL 6011 (green) paint. Other RAL colours are available on request.

The blueing plates are mounted on support frames UU with adjustment bolts or cabinets. Supports type VS/VSK can be used for larger dimensions.

Accessories for blueing plates

	up to plate size mm	Price €
Handles for TLN	400 x 400	39,00 / pair
	700 x 500	52,00 / pair
Table bearing	Consisting of a supporting bolt with a ball head, that is mounted in a lower part and is adjustable in height, locked with a nut. Adjustable from approx. 95 to 120 mm. We recommend 3, 4, or 5 pieces per plate.	99,00 / piece

Tolerance tables

L mm	200	300	500	800	1000	1200	1500	2000	2500
DIN 876 / III	48	52	60	72	80	88	100	120	140
DIN 876 / II	24	26	30	36	40	44	50	60	70
DIN 876 / I	12	13	15	18	20	22	25	30	35
DIN 876 / 0	4,8	5,2	6	7,2	8	8,8	10	12	14
L mm	3000	3500	4000	4500	5000	5500	6000	6500	7000
L mm DIN 876 / III	3000 160	3500 180	4000 200	4500 220	5000 240	5500 260	6000 280	6500 300	7000 320
	_				_			_	
DIN 876 / III	160	180	200	220	240	260	280	300	320

Deviation in μm

The surfaces of clamping, marking, and surface plates are machined according DIN 876. A minimum of 3 points are used for measuring the surface accuracy of the plates. The ribbing designed for the specific application transmits the forces occurring during use to the supporting points, providing a correspondingly small level of deformation in the surface to be measured and a high level of surface accuracy.

Stolle marking-off tables are distinguished by their highly dense and plain surface structure. Exceptional strength and durability of the surface are guaranteed by a special cast iron / steel alloy. Our special casting process and the rib design with T-form reinforcements ensure high stiffness against bending and twisting of the plate.

Provided the plates are stored and supported correctly subsequent distortion of the plate surface is eliminated due to the various finishing stages.

The plate surface can be machined to DIN 876/III, II or I. The edges are machined square to the surface. The measuring plates can be marked with a precise grid pattern lines or T slots according to DIN 650. Special machining of the sides for fitting measuring machines is also possible. The plates are mounted on supports type VS/VSK.

Marking-off tables, Typ ARP

Plate	Plate	Rib	Plate	Weight	Number	Pric	:e €
size approx. mm	thickness approx. mm	height approx. mm	height approx. mm	approx. kg	of required supports	DIN 876 / III	DIN 876 / II
1500 × 1000	40	175	215		5		
1500 x 1000		175	215	820		2.890,00	3.330,00
2000 x 1000	40	205	245	1120	5	3.670,00	4.120,00
2000 x 1250	50	200	250	1600	6	4.420,00	4.920,00
2000 x 1500	50	200	250	2040	5	5.060,00	5.610,00
2000 x 2000	50	200	250	2530	5	6.130,00	6.770,00
2500 x 1000	50	200	250	1730	6	4.460,00	4.950,00
2500 x 1250	50	200	250	2020	6	5.210,00	5.760,00
2500 x 1500	50	200	250	2470	8	5.940,00	6.550,00
2500 x 2000	50	200	250	3050	8	7.390,00	8.120,00
3000 x 1000	50	200	250	2100	6	5.140,00	5.680,00
3000 x 1500	50	200	250	2980	8	6.900,00	7.580,00
3000 x 2000	50	250	300	3940	8	8.730,00	9.530,00
3000 x 2500	50	250	300	5100	9	10.740,00	11.700,00
3000 x 3000	50	300	350	6190	13	13.020,00	14.090,00
3500 x 1000	50	200	250	2460	8	5.850,00	6.440,00
3500 x 1500	50	200	250	3500	11	7.910,00	8.660,00
3500 x 2000	50	250	300	4630	11	10.030,00	10.920,00
3500 x 2500	50	250	300	5970	12	12.600,00	13.670,00
4000 x 1000	50	200	250	2820	8	6.530,00	7.170,00
4000 x 1500	50	200	250	4000	11	8.870,00	9.690,00
4000 x 2000	50	250	300	5300	11	11.390,00	12.370,00
4000 x 2500	50	250	300	6850	12	14.190,00	15.370,00
4000 x 3000	50	300	350	8320	18	17.200,00	18.530,00
4500 x 1500	50	200	250	4450	11	9.710,00	10.590,00
4500 x 2000	50	250	300	5850	11	12.930,00	14.000,00
4500 x 2500	50	250	300	7600	12	15.560,00	16.840,00
4500 x 3000	50	300	350	9200	18	18.850,00	20.300,00
5000 x 1000	50	250	300	3780	10	8.330,00	9.080,00
5000 x 1500	50	250	300	5330	14	11.100,00	12.050,00
5000 x 2000	50	250	300	6540	14	13.910,00	15.050,00
5000 x 2500	50	250	300	8500	15	17.490,00	18.870,00
5000 x 3000	50	300	350	10230	23	20.830,00	22.410,00





Solid straightening plate



Solid straightening plate, Type RM

Plate size approx. mm	Plate thickness approx. mm	Weight approx. kg	Price €
200 x 200	40	12	180,00
300 x 300	50	34	251,00
400 x 400	50	60	381,00
600 x 600	60	160	911,00

Other sizes on request.

Stolle straightening plates are made from a special cast iron / steel alloy. This produces a wear-resistant surface appropriate to the high demands.

The surface is planed / milled and the side surfaces are square to this. Plates for bending pipes, ribs, etc. can be produced with cast or drilled holes. A version with T-slots is also possible!

The straightening plates are also outstandingly suitable for use as welding and work tables.

For installation, we recommend using our universal support frames or our supports type VS.



Straightening plate with ribs, Type RR

Plate size approx. mm	Plate thickness approx. mm	Rib height approx. mm	Weight approx. kg	Price €
200 x 200	20	40	9	155,00
300 x 300	20	40	16	226,00
400 x 400	30	50	42	309,00
500 x 500	40	40	84	500,00
600 x 600	40	40	120	1.000,00
800 x 800	40	40	216	1.881,00
1000 x 800	40	60	270	2.168,00
1000 x 1000	40	60	340	2.442,00
1200 x 800	40	60	325	2.343,00
1200 x 1000	40	60	410	2.635,00
1500 x 1000	60	60	735	3.132,00
2000 x 1000	40	60	680	3.413,00
2000 x 1000	60	60	980	3.653,00
2000 x 1500	50	65	1380	4.642,00

Stolle ribbed straightening plates are made from a special cast iron / steel alloy. This produces a wear-resistant surface appropriate to high demands. The ribs are arranged to provide high stability, allowing the plates to be universally used for straightening, welding, and assembly purposes. The surface is planed / milled and the side surfaces are square to this.

The plates can be provided with holes or T-slots on request. A sound insulated version of the straightening plates is also available. The ribbing is cast with an insulating mass and then closed underneath with a wooden sheet.

For installation, we recommend using our universal support frames or our supports type VS.

Parallel pieces, Type PAS

The Stolle parallel pieces have four prismatic cutouts of different sizes. This allows exact placement of a wide range of shafts with different diameters.

The parts are dimensioned to allow even heavy shafts to be placed without problems.

The parallel pieces are milled in pairs to an accuracy conforming to DIN 876/II.

No.	Length approx. mm	Width approx. mm	Height approx. mm	Weight / pair approx. kg	Price € / pair milled
1	60	120	100	6	163,00
2	75	150	130	10	188,00
3	90	200	170	20	335,00



These Stolle vee blocks are well suited for exact clamping of shafts or for measuring round workpieces.

The vee blocks are machined with a 90° prismatic cutout, which is milled parallel to the placement surface.

Vee block, Type PRI

No.	Length approx. mm	Width approx. mm	Height approx. mm	For shaft-ø of approx. mm	Weight approx. kg	Price € / piece milled
1	100	40	30	7 - 35	0,6	48,00
2	150	50	40	8 - 45	1,4	61,00
3	200	70	50	10 - 70	2,7	79,00
3a	250	85	60	10 - 80	6,5	115,00
4	300	100	65	10 - 90	7,3	149,00



Support frame / Cabinets



Universal support frame, Type UU

			7.1	
Plate size approx. mm	Number of legs	Weight approx. kg	Price €	Price € per adjustment bolt
400 x 400	4	16	429,00	37,00
500 x 500	4	27	457,00	37,00
600 x 600	4	29	463,00	37,00
800 x 800	4	46	584,00	37,00
1000 x 800	4	50	594,00	37,00
1000 x 1000	4	54	645,00	37,00
1200 x 800	4	54	685,00	37,00
1200 x 1000	4	65	752,00	37,00
1500 x 1000	4	72	808,00	37,00
2000 x 1000	4	86	1.011,00	37,00
2000 x 1500	6	105	1.036,00	37,00

blueing plates and marking-off plates with a working height of approx. 800 mm. Other working heights are available on request.

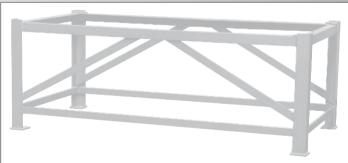
For larger straightening plates we

Sturdy welded iron-support frame for supporting straightening plates,

For larger straightening plates we recommend supporting using the VS/VSK supports. For blueing plates we recommend supporting on a frame with adjustment bolts.

Other dimensions on request.







Cabinets

The cabinets are made of sheet metal, with lockable doors and internal shelves available on request.

These cast supports are suitable for the installation of marking-off and measuring tables as well as larger straightening and welding plates.

An adjustable M 30 supporting bolt (M 20 for small plates) allows exact alignment of the plate.

Please find the correct number of supports required for marking-off tables in the appropriate table. The number of supports must be increased for extremely heavy loads. The supports can also be supplied with a machined base. Additional cost 30_r - €.

Adjustable height supports, Type VS

No.	Support height h approx. mm	Weight approx. kg	Price €
0	220 - 270	15	122,00
1	270 - 320	24	149,00
2	340 - 390	29	170,00
3	425 - 475	32	173,00
4	530 - 580	38	218,00
5	575 - 625	43	225,00
6	630 - 680	47	233,00
7	695 - 745	49	250,00



Support - Type VSK

Support with ball-bearings for precise adjustment of measuring and marking-off plates to high levels of accuracy. Additional cost 35,- €.

The BE provides a solid connection between marking-off or clamping plates and the foundation.

It is used for (e.g.) measuring plates with side-oriented measuring machines with horizontal arm to prevent the plate from tipping over. The plate surface can be aligned to the desired tolerance by pulling and pushing. The alignment support is anchored to the foundation and the surface alignment occurs at the underside of the plate.

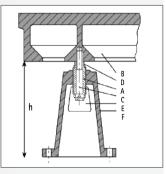
Levelling utilizing the forcing screw A. The fastening bolt C is used to secure the plate and counter pressure is applied using the forcing screw at the same time.

Levelling units, Type BE

No.	Support height h approx. mm	Weight approx. kg	Price €
1	320	45	397,00
2	420	52	404,00
3	520	60	420,00



A: Forcing screw
B: Plate
C: Fastening bolt
D: Hardened ball socket joint
E: Access opening
F: Support
h: Block height including screw



Angle plates





Angle plates, Type WN

No.	Vertical clamping surface approx. mm A x B	Base surface approx. mm B x C	T-slots DIN 650-H12	Number of slots	Weight approx. kg	Price €
1	500 x 400	400 x 400	22	4	180	1.371,00
2	550 x 550	550 x 500	22	4	215	1.619,00
3	700 x 550	550 x 500	22	4	250	2.125,00
4	700 x 700	700 x 600	22	4	380	2.859,00
5	900 x 700	700 x 600	22	5	430	3.358,00
6	1000 x 800	800 x 800	22	5	720	4.177,00

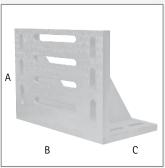
The Stolle type WN angle plates are produced in six standard sizes providing a wide range of uses. The angle plates are reinforced with ribs to ensure deformation free clamping of the workpiece.

The clamping and base surfaces are machined to the DIN 876/III standard T-slots according DIN 650-22 H 12 are provided across the clamping surface. The base surface is machined square to the clamping surface but without slots or holes. These can be provided on request.



Angle plates, Type WS





Nr.	A approx.	B approx.	C approx.	Slot width approx.	Weight approx.	Price €			
	mm	mm	mm	mm	kg	DIN 876 III	DIN 876 II	DIN 876 I	
1	100	150	75	16	3	125,00	152,00	173,00	
2	150	200	100	16	6	158,00	208,00	248,00	
3	200	275	150	20	12	245,00	307,00	369,00	
3a	250	300	150	20	16	276,00	389,00	450,00	
4	300	400	225	20	38	387,00	625,00	726,00	
5	400	500	300	24	75	576,00	960,00	1.121,00	
5a	500	600	350	24	146	Price a	available on r	equest	
6	520	700	390	24	156	Price a	available on r	equest	
7	600	800	450	24	220	Price available on request			
8	800	1000	600	30	431	Price available on request			
9	1000	1200	700	30	850	Price available on request			
10	1250	1500	900	30	1370	Price available on request			

These lightweight Stolle angle plates have cast slots in the clamping and base surfaces. The arrangement and distribution of the slots allow the angle plates to be used on floor plates with a wide range of slot and hole distance. The angle plates have two reinforcing ribs on the rear side. The outer surfaces are milled to a range of different accuracies according to DIN 876, with squareness accuracy according to DIN 875. The edges are also machined rectangular.

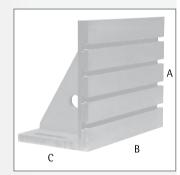
Angle plates, Type WSN

With its relatively light weight this angle plate is suitable for use on machine tools and can also be used for monitoring and marking purposes. The clamping and base surfaces are machined according to DIN 876 and the squareness accuracy conforms to DIN 875.

T-slots according to DIN 650 H 12 are provided in the clamping surface. The base surface has clamping slots. The rear side of this angle plate is reinforced with sturdy ribbing.

No.	A approx.	B approx.	C approx.	Weight approx.	Number of	T-slots	Slot clearance	from edge	Slot width		Price €	
	mm	mm	mm	kg	T-slots	DIN 650	approx. mm	approx. mm	approx. mm	DIN 876 III	DIN 876 II	DIN 876 I
1	100	150	75	5	2	10	40	30	18	233,00	262,00	272,00
2	150	200	100	12	2	12	70	40	18	277,00	324,00	349,00
3	250	300	150	32	3	12	75	50	18	433,00	570,00	659,00
4	300	400	225	58	3	18	100	50	22	750,00	794,00	923,00
5	400	500	300	115	4	18	100	50	22	1.169,00	1.252,00	1.462,00
6	500	600	350	180	4	18	100	100	22	2.077,00	Price availab	e on request
7	520	700	390	260	4	22	100	110	24	2.458,00	Price availab	e on request
8	600	800	450	350	5	22	100	100	24	3.053,00	Price availab	e on request
9	800	1000	600	605	5	22	150	100	30	5.235,00	Price availab	e on request





Angle plates, Type SW

Angle plates in a box shape cast design are used for vertically clamping workpieces when using large machine tools of the appropriate power.

The clamping surfaces of the standard angle plates are manufactured according DIN 876/III. They usually have T-slot with a center distance of 250 mm and 125 mm according to DIN 650 22 H 12.

The base surfaces of the angle plates have clamping slots and holes that can be adapted to suit the clamping features of the machine table.

Other sizes of T-slots from 12 – 42 mm are also possible.

	Alligic pi	ates, Type Svv
А	В	С
1500	800	800
1500	1000	800
1500	1200	800
2000	800	800
2000	1000	800
2000	1200	1000
2000	1500	1000
2500	800	1200
2500	1000	1200
2500	1200	1200
2500	1500	1200
3000	800	1200
3000	1000	1200
3000	1200	1200
3000	1500	1200
3500	1000	1500
3500	1200	1500
3500	1500	1500



Box cube



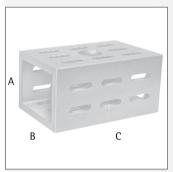


No.	Length approx. mm	Width approx. mm	Height approx. mm	Slot widht approx. mm	Weight approx. kg	Price €
1	250	150	100	18	10	210,00
2	300	200	150	18	20	385,00
3	400	250	200	20	50	539,00
4	500	300	250	22	85	802,00
5	600	350	250	22	120	1.195,00
6	800	500	400	24	400	2.615,00
7	1000	600	500	30	600	3.924,00

Stolle box cubes are made of special cast iron. The clamping slots on 4 sides allows workpieces easily to clamp.

The four clamping surfaces are machined to DIN 876/III and the other two surfaces are machined square to them.

The box cubes are very suitable for use as parallel pieces. If required, several box cubes can be manufactured with isometric dimensions at additional cost.



Box cube, Type AW



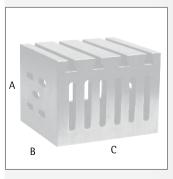
No.	Length approx. mm	Width approx.	Height approx. mm	T-slots DIN 650 approx. mm	Slot width approx. mm	Weight approx. kg	Price €
1	250	180	150	14	16	26	526,00
2	300	220	200	14	18	40	701,00
3	350	280	250	22	22	75	900,00
4	400	350	300	22	22	120	1.179,00
5	500	450	400	22	24	200	1.508,00

Other dimensions available on request.

The Stolle box cubes have 5 clamping surfaces. 4 T-slots according to DIN 650 are provided in the upper clamping surface, four sides are equipped with clamping slots and one side is open.

The surfaces are machined to an accuracy conforming to DIN 876/III and the squareness conforms to DIN 875/II. Customers design and special dimensions are also possible.

On request we can manufacture several boxcubes with isometric dimensions with extra charge.



Made of sturdy, special cast iron these Stolle box cubes are suitable for extreme heavy loadings.

The side surfaces (length and width) are grinded in accuracy of 0,02 mm.

The box cubes are machined pairwise in the same height, so they can excellent be used as parallel pieces.

If neccesary, bores can be supplied by the customer later on. Other machining is also possible on request.

Box cube Type SK

No.	Length approx. mm	Width approx. mm	Height approx. mm	Wall thickness approx. mm	Weight approx. kg	Price €
1	250	150	100	28	22	858,00
2	300	200	150	35	46	1.179,00
3	400	250	200	38	86	1.681,00

Other dimensions available on request.



The special design and construction of the Stolle box table guarantees a high loading capacity and it is perfectly suited for use with radial machines and similar machining

equipment.

Both clamping surfaces are exactly square to each other, the surface accuracy conforms to DIN 876/III and the underside is machined parallel to the upper surface.

T-slots with a center distance of 150 mm are provided in the upper and side clamping surfaces. Clamping slots for fastening to the machine are provided to the underside. The drilling table can be provided with or without oil/water channels as desired. We can manufacture Box tables with isometric dimensions on request.

Box table, Type BT

No.	Clamping surface approx. mm top side		Height of table approx. mm		ber of slots side	T-slots DIN 650 approx. mm	Weight approx. kg	Price €
1	600 x 500	600 x 500	500	3	3	22	300	2.119,00
2	750 x 600	750 x 500	500	4	3	22	380	2.665,00
3	1000 x 750	1000 x 500	500	5	3	22	620	4.340,00
4	1000 x 1000	1000 x 500	500	6	3	22	1000	5.600,00
5	1000 x 1200	1200 x 500	500	6	3	22	1250	6.594,00

Other dimensions available on request.



Safety and security for the energy industry

Made in Germany. Used all over the world.



With a workforce of more than 150, we manufacture clamping technology products for mechanical engineering and toolmaking applications at our 3 plants in Bonn-Bad Godesberg, Bonn-Beuel and Baarlo/NL. In addition to the planning, construction and production of the cast parts, assembly all over the world is another of our fields of expertise.

We would be pleased to support you with the planning of your projects as a part of the many services we offer as a matter of course.



Know-how for special solutions



Flexibility for mechanical engineering

Our expertise is not limited to clamping technology. Whether as standard slabs or special solutions, Stolle offers a wide range of cast plates and special constructions made of cast iron.

We also manufacture and deliver test stand plates for the automobile industry and its suppliers – turnkey product solutions in top quality and precision are our speciality here. Our customers in the measuring industry have come to rely on precise, flexible and economically produced measuring and surface plates from Stolle.

We offer individual high-end solutions in top quality for the construction of special machinery. In other industrial sectors too, we plan, construct, manufacture and assemble complete solutions that convince through their stability and quality.



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