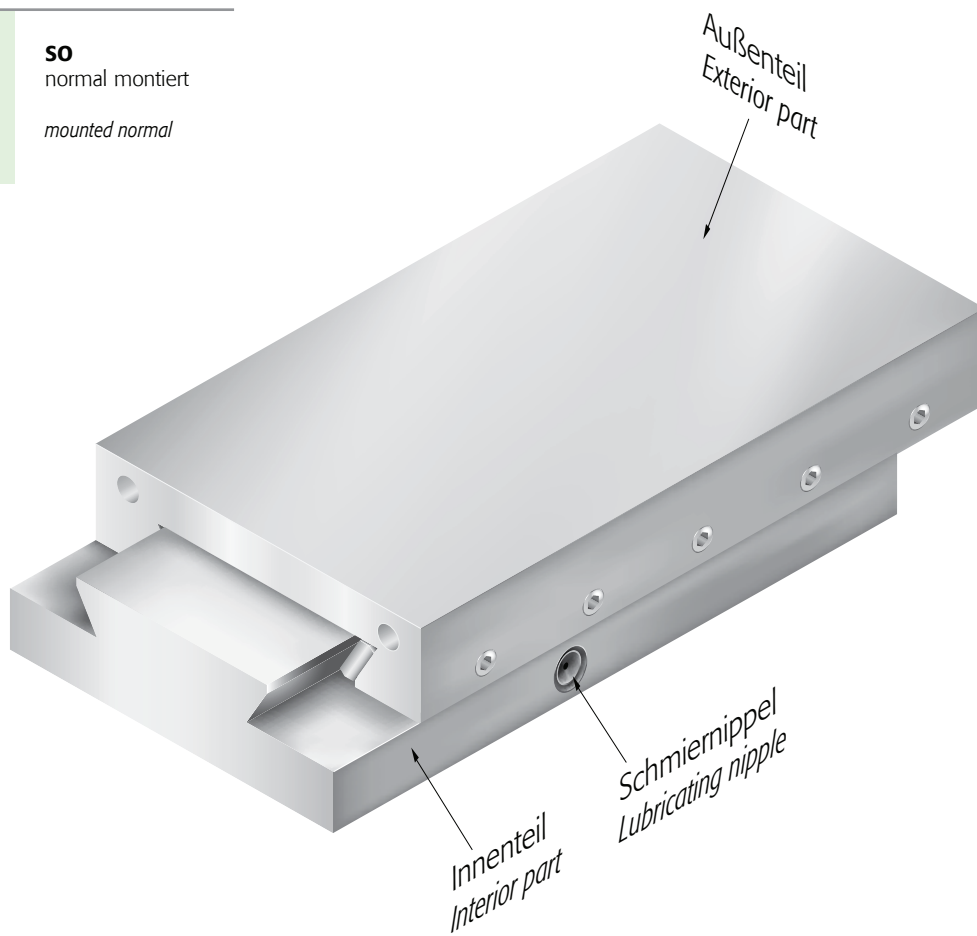


Schwalbenschwanz-Schlitten sind robuste aber dennoch präzise Positioniermodule für die unterschiedlichsten Anwendungen. Standardschlitten sind aus GG 25 gefertigt, andere Werkstoffe sind auf Anfrage erhältlich. Die Tischauflagefläche ist geschliffen. Die Führungen sind feingefräst. Alle Baugrößen sind mit Schmiernuten ausgestattet.

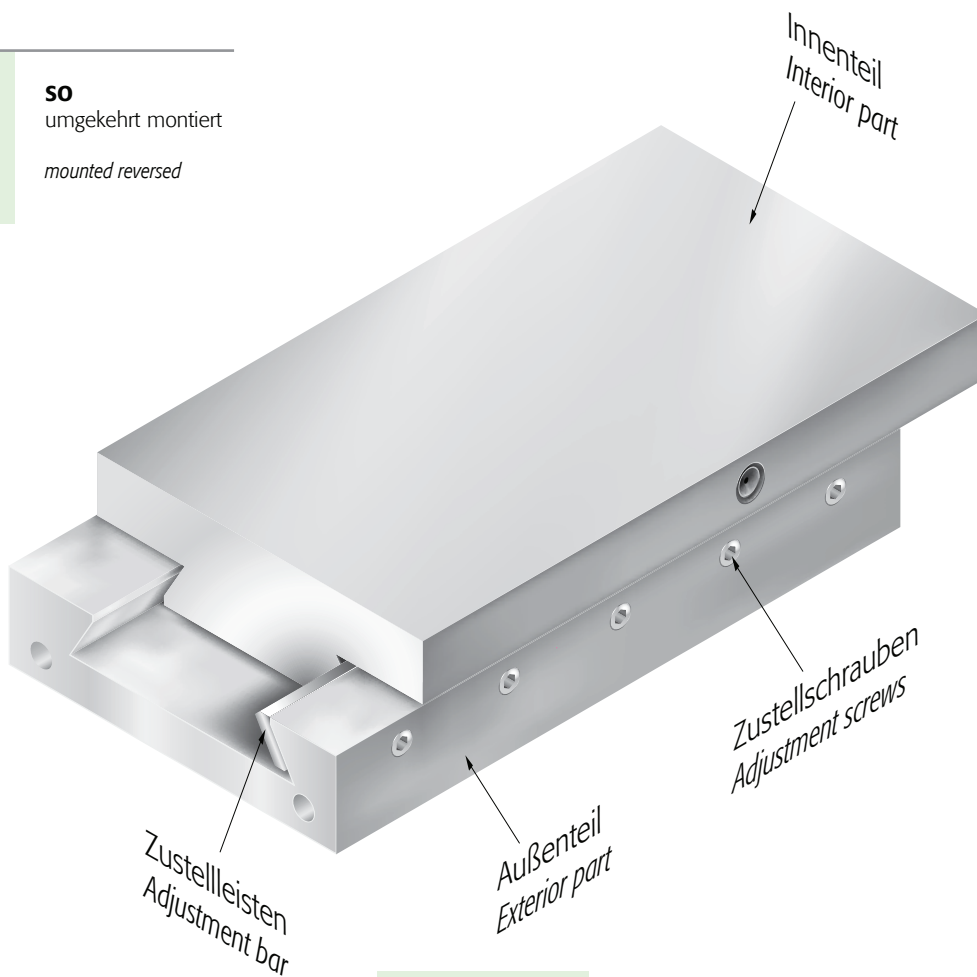
The dovetail guides are robust, but nevertheless highly precise positioning modules for the most different applications and tasks. The standard dovetail guides are made of grey cast iron (GG 25), but makes of other materials are possible, too. All table supporting surfaces are ground. The guides are milled fine and all types are equipped with greasing grooves.

	<p>SO</p> <p>offene Ausführung</p> <p><i>open type</i></p>
	<p>SE</p> <p>Die Baureihe SE mit Endplatten eignet sich zum Anbau von Anschlägen, Mikrometern, Zylindern etc.</p> <p><i>The SE line is equipped with end plates and suits for attachment of stops, micrometers, cylinders etc.</i></p>
	<p>SS</p> <p>Die Baureihe SS ist mit einer Gewindespindel ausgestattet. Nähere Informationen zu den verwendeten Spindeln finden Sie auf Seite 30.</p> <p><i>The SS line is equipped with a threaded spindle. As for further detailed information on the spindle types used please refer to page 30</i></p>
	<p>SM</p> <p>Die Baureihe SM ist mit einer Mikrometer- randel mit Skalenteilung 0,02 mm ausgestattet, die Baugrößen 075 bis 200 können optional auch mit Skalenteilung 0,01 mm geliefert werden.</p> <p><i>The SM line is equipped with a knurled micrometer knob with a 0.02 mm scale gradation. Sizes 075 up to 200 can, on option, also be furnished with a 0.01 scale gradation.</i></p>
	<p>SK</p> <p>Die Baureihe SK ist mit einer Kreuzkurbel, ab Baugröße 300 mit einem Handrad ausgestattet.</p> <p><i>The SK line is equipped with a cross type crank handle and, from size 300 on, with a hand wheel.</i></p>

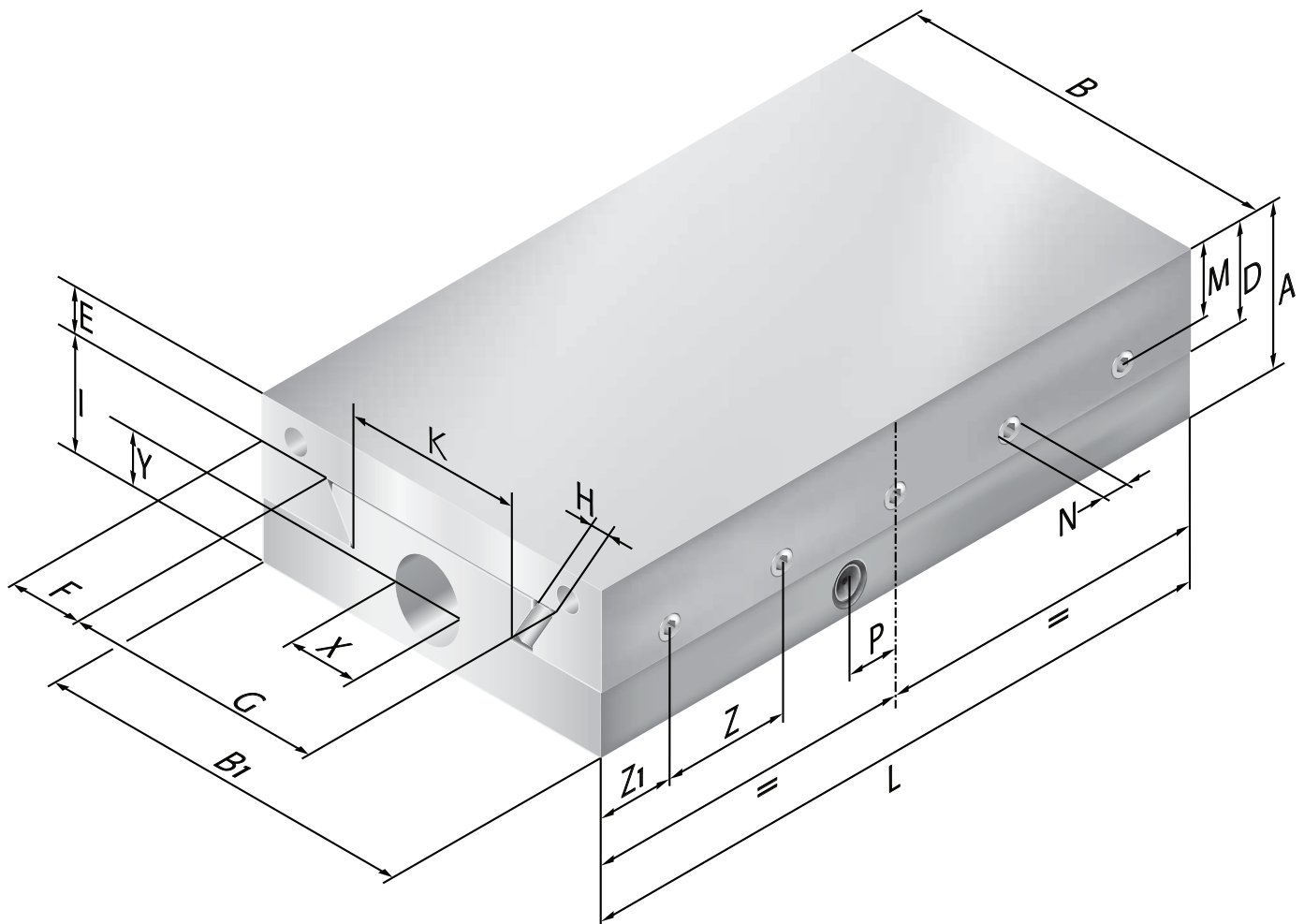
SO
normal montiert
mounted normal



SO
umgekehrt montiert
mounted reversed



Schwalbenschwanz-Schlitten, Grundmaße für alle Baureihen
Dovetail slides, standard sizes for all lines



* nicht bei SO
 * not with SO

Größe Size	B	A	B1	D	E	F	G	H	I	K	M	N	X*	Y*
050	50	25	49,5	15,0	7	10,0	33,5	3,0	17,6	21,0	11,0	M 5	9	12,3
075	75	32	74,5	19,5	9	14,0	51,5	3,7	22,5	34,6	14,5	M 5	14	15,0
100	100	40	99,5	24,0	12	18,0	69,5	4,6	27,5	50,0	18,5	M 6	14	19,0
150	150	50	149,0	29,5	14	27,0	103,0	5,7	35,5	79,0	22,5	M 8	20	24,0
200	200	60	199,0	37,0	18	35,0	138,5	7,5	41,5	107,5	28,0	M 8	20	25,0
300	300	75	299,0	50,0	25	50,0	210,0	9,0	49,0	170,0	38,0	M 10	26	34,5
400	400	100	399,0	70,0	38	71,5	270,5	11,8	61,0	220,0	54,0	M 10	26	36,0

1.1 SO offene Ausführung

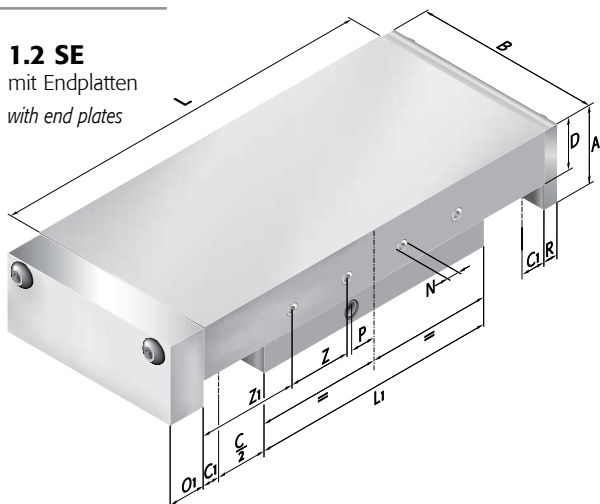
open type



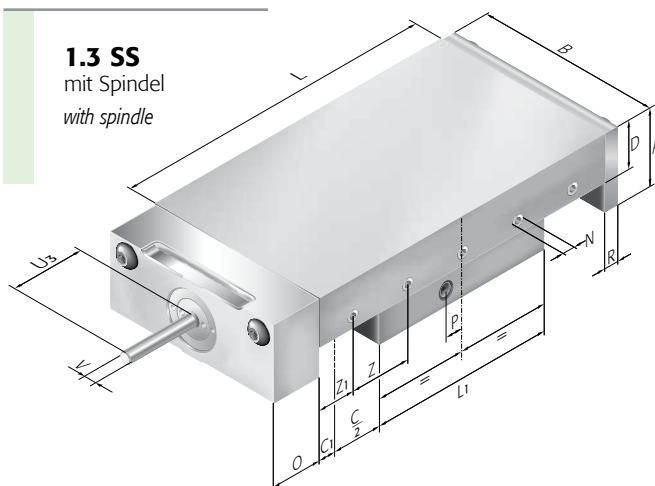
Schwalbenschwanz-Schlitten, Baureihe SO Dovetail slides, SO line

Größe Size	Länge Length	Hub Stroke	Höhe Height	Höhe m. T-Nuten Height incl. T-slots	Schmierbohrung Greasing hole	Mögl. Stand.-Bohrbild Possible standard drilling plan			Gewicht Weight	Gewicht mit T-Nuten Weight incl. T-slots	
B	L	C	A	A	P	Z	Z1	AR**	Ba* + Bi*	kg	kg
050	080	030	25	35	10	25 x 2	15,0	1	2 x a	0,71	0,95
050	105	040	25	35	10	25 x 3	15,0	1	3 x a	0,93	1,24
050	130	050	25	35	10	25 x 4	15,0	1	4 x a	1,15	1,53
050	155	060	25	35	10	25 x 5	15,0	1	5 x a	1,37	1,83
050	180	070	25	35	10	25 x 6	15,0	1	6 x a	1,60	2,13
050	205	080	25	35	10	25 x 7	15,0	1	7 x a	1,83	2,43
075	105	040	32	44	10	25 x 3	15,0	1	1 x a	1,77	2,38
075	130	050	32	44	10	25 x 4	15,0	1	1 x a	2,19	3,04
075	155	060	32	44	10	25 x 5	15,0	1	2 x a	2,62	3,52
075	180	070	32	44	10	25 x 6	15,0	1	2 x a	3,03	4,08
075	205	080	32	44	10	25 x 7	15,0	1	3 x a	3,45	4,64
075	255	100	32	44	10	25 x 9	15,0	1	3 x a	4,30	5,78
075	305	120	32	44	10	25 x 11	15,0	1	4 x a	5,13	6,91
100	110	040	40	50	10	25 x 3	17,5	1	1 x a	3,12	3,77
100	135	050	40	50	10	25 x 4	17,5	1	1 x a	3,82	4,62
100	160	060	40	50	10	25 x 5	17,5	1	1 x a	4,53	5,48
100	210	080	40	50	10	25 x 7	17,5	1	2 x a	5,96	7,19
100	260	100	40	50	10	25 x 9	17,5	1	2 x a	7,37	8,90
100	310	120	40	50	10	25 x 11	17,5	1	3 x a	8,79	10,61
100	360	140	40	50	10	25 x 13	17,5	1	3 x a	10,20	12,32
100	410	160	40	50	10	25 x 15	17,5	1	4 x a	11,62	14,03
100	460	180	40	50	10	25 x 17	17,5	1	5 x a	13,03	15,74
100	510	200	40	50	10	25 x 19	17,5	1	5 x a	14,45	17,45
150	160	060	50	66	15	50 x 2	30,0	1	1 x a	8,53	10,91
150	210	080	50	66	15	50 x 3	30,0	1	1 x a	11,19	14,31
150	260	100	50	66	15	50 x 4	30,0	1	1 x a	13,85	17,71
150	310	120	50	66	15	50 x 5	30,0	1	2 x a	16,52	21,12
150	360	140	50	66	15	50 x 6	30,0	1	2 x a	19,18	24,53
150	410	160	50	66	15	50 x 7	30,0	1	3 x a	21,84	27,93
150	460	180	50	66	15	50 x 8	30,0	1	3 x a	24,50	31,33
150	510	200	50	66	15	50 x 9	30,0	1	3 x a	27,17	34,75
150	610	240	50	66	15	50 x 11	30,0	1	4 x a	32,49	41,55
150	710	280	50	66	15	50 x 13	30,0	1	5 x a	37,82	48,37
150	810	320	50	66	15	50 x 15	30,0	1	6 x a	43,16	55,18
200	210	080	60	75	15	50 x 3	30,0	1	1 x a	17,95	21,98
200	260	100	60	75	15	50 x 4	30,0	1	1 x a	22,22	27,21
200	310	120	60	75	15	50 x 5	30,0	1	1 x a	26,50	32,45
200	410	160	60	75	15	50 x 7	30,0	1	2 x a	35,04	42,90
200	510	200	60	75	15	50 x 9	30,0	1	2 x a	43,59	43,37
200	610	240	60	75	15	50 x 11	30,0	1	3 x a	52,14	63,83
200	710	280	60	75	15	50 x 13	30,0	1	4 x a	60,69	74,29
200	810	320	60	75	15	50 x 15	30,0	1	4 x a	69,24	84,76
200	1010	400	60	75	15	50 x 19	30,0	1	5 x a	86,33	105,69
300	310	120	75	95	15	50 x 5	30,0	1	1 x a	49,78	61,53
300	410	160	75	95	15	50 x 7	30,0	1	1 x a	65,83	81,37
300	460	180	75	95	15	50 x 8	30,0	1	1 x a	73,86	91,29
300	510	200	75	95	15	50 x 9	30,0	1	1 x a	81,89	101,21
300	610	240	75	95	15	50 x 11	30,0	1	2 x a	97,95	121,06
300	710	280	75	95	15	50 x 13	30,0	1	2 x a	114,01	140,91
300	810	320	75	95	15	50 x 15	30,0	1	3 x a	130,06	160,75
300	1010	400	75	95	15	50 x 19	30,0	1	3 x a	162,17	200,44
400	410	160	100	125	15	50 x 7	30,0	1	1 x a	116,33	142,58
400	510	200	100	125	15	50 x 9	30,0	1	1 x a	145,08	177,35
400	610	240	100	125	15	50 x 11	30,0	1	1 x a	173,52	212,14
400	710	280	100	125	15	50 x 13	30,0	1	2 x a	201,97	246,91
400	810	320	100	125	15	50 x 15	30,0	1	2 x a	230,42	281,68
400	1010	400	100	125	15	50 x 19	30,0	1	2 x a	287,31	351,24
400	1210	480	100	125	15	50 x 23	30,0	1	3 x a	344,21	420,79

1.2 SE
mit Endplatten
with end plates



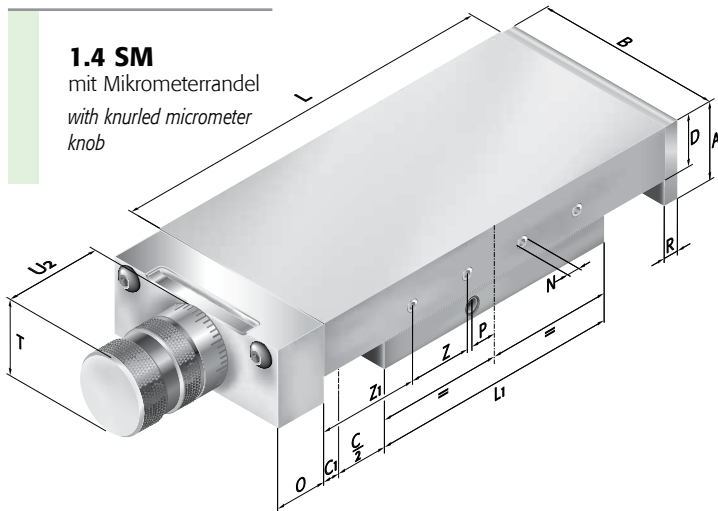
1.3 SS
mit Spindel
with spindle



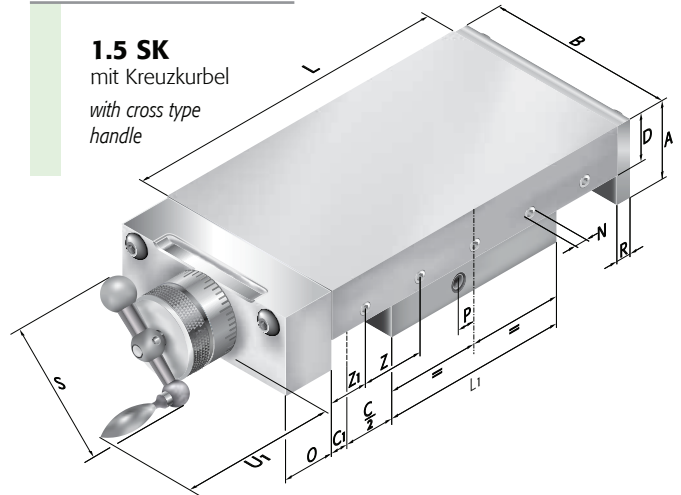
Maßtabelle Baugrößen 50 - 150 | Size table, sizes 50 - 150

Größe Size	Länge Length	Hub Stroke		Höhe Height	Höhe m. T-Nuten Height incl. T-slots A-TN	Schmierbohrung Greasing hole							
		C	C1			L1	A	N	D	P	O	O1	R
050	080	025	2,5	50	25	35	M5	15,0	0	19	14	6	47
050	105	025	2,5	75	25	35	M5	15,0	10	19	14	6	47
050	105	050	2,5	50	25	35	M5	15,0	0	19	14	6	47
050	130	025	2,5	100	25	35	M5	15,0	10	19	14	6	47
050	130	050	2,5	75	25	35	M5	15,0	10	19	14	6	47
050	155	050	2,5	100	25	35	M5	15,0	10	19	14	6	47
050	155	075	2,5	75	25	35	M5	15,0	10	19	14	6	47
050	180	075	2,5	100	25	35	M5	15,0	10	19	14	6	47
050	205	050	2,5	150	25	35	M5	15,0	10	19	14	6	47
050	205	075	2,5	125	25	35	M5	15,0	10	19	14	6	47
050	205	100	2,5	100	25	35	M5	15,0	10	19	14	6	47
075	105	025	2,5	75	32	44	M5	19,5	0	21	15	6	47
075	130	050	2,5	75	32	44	M5	19,5	0	21	15	6	47
075	155	050	2,5	100	32	44	M5	19,5	10	21	15	6	47
075	155	075	2,5	75	32	44	M5	19,5	0	21	15	6	47
075	180	075	2,5	100	32	44	M5	19,5	10	21	15	6	47
075	205	050	2,5	150	32	44	M5	19,5	10	21	15	6	47
075	205	100	2,5	100	32	44	M5	19,5	10	21	15	6	47
075	255	050	2,5	200	32	44	M5	19,5	10	21	15	6	47
075	255	100	2,5	150	32	44	M5	19,5	10	21	15	6	47
075	305	100	2,5	200	32	44	M5	19,5	10	21	15	6	47
075	305	150	2,5	150	32	44	M5	19,5	10	21	15	6	47
100	110	025	5,0	75	40	50	M6	24,0	0	21	15	6	47
100	135	025	5,0	100	40	50	M6	24,0	10	21	15	6	47
100	160	050	5,0	100	40	50	M6	24,0	10	21	15	6	47
100	210	050	5,0	150	40	50	M6	24,0	10	21	15	6	47
100	210	100	5,0	100	40	50	M6	24,0	10	21	15	6	47
100	260	050	5,0	200	40	50	M6	24,0	10	21	15	6	47
100	260	100	5,0	150	40	50	M6	24,0	10	21	15	6	47
100	310	100	5,0	200	40	50	M6	24,0	10	21	15	6	47
100	310	150	5,0	150	40	50	M6	24,0	10	21	15	6	47
100	360	150	5,0	200	40	50	M6	24,0	10	21	15	6	47
100	410	100	5,0	300	40	50	M6	24,0	10	21	15	6	47
100	410	150	5,0	250	40	50	M6	24,0	10	21	15	6	47
100	410	200	5,0	200	40	50	M6	24,0	10	21	15	6	47
100	410	250	5,0	150	40	50	M6	24,0	10	21	15	6	47
100	460	250	5,0	200	40	50	M6	24,0	10	21	15	6	47
100	510	200	5,0	300	40	50	M6	24,0	10	21	15	6	47
100	510	300	5,0	200	40	50	M6	24,0	10	21	15	6	47
150	210	050	5,0	150	50	66	M8	29,5	15	28	16	8	103
150	260	050	5,0	200	50	66	M8	29,5	15	28	16	8	103
150	260	100	5,0	150	50	66	M8	29,5	15	28	16	8	103
150	310	100	5,0	200	50	66	M8	29,5	15	28	16	8	103
150	310	150	5,0	150	50	66	M8	29,5	15	28	16	8	103
150	360	150	5,0	200	50	66	M8	29,5	15	28	16	8	103
150	410	100	5,0	300	50	66	M8	29,5	15	28	16	8	103
150	410	200	5,0	200	50	66	M8	29,5	15	28	16	8	103
150	460	150	5,0	300	50	66	M8	29,5	15	28	16	8	103
150	460	250	5,0	200	50	66	M8	29,5	15	28	16	8	103

1.4 SM
mit Mikrometerrandel
with knurled micrometer
knob

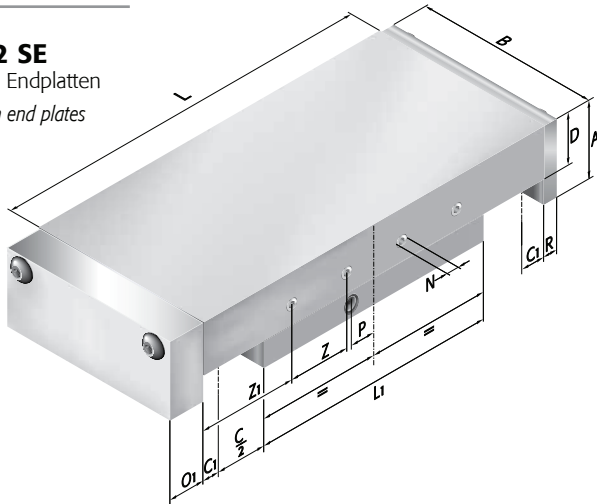


1.5 SK
mit Kreuzkurbel
with cross type
handle

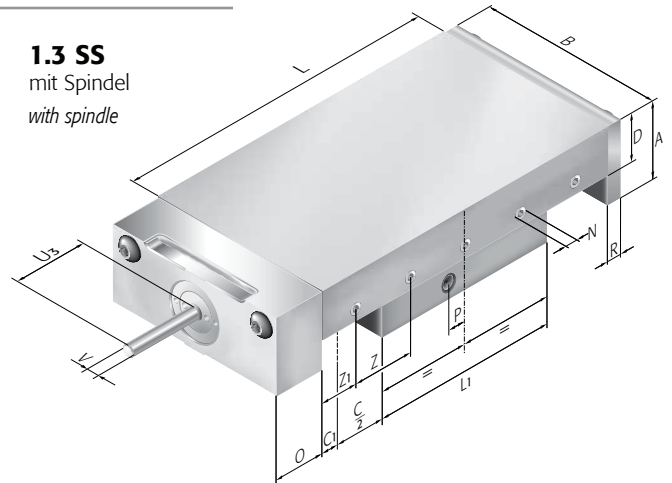


T	U1	U2	U3	V	Spindel Spindle		AR**	Mögl. Stand.-Bohrbild Possible standard drilling plan		Gewicht Weight kg (GG 25)	Gewicht m. T-Nuten Weight incl. T-slots kg (GG 25)	Gewicht Weight kg (Al)	Gewicht m. T-Nuten Weight incl. T-slots kg (Al)	
					Z	Z1		Ba*	Bi*					
23,5	51	31	27	5j5	M6 x 1	25 x 2	15,0	1	2 x a	1 x a	0,72	0,95	0,40	0,49
23,5	51	31	27	5j5	M6 x 1	25 x 3	15,0	1	3 x a	2 x a	0,94	1,25	0,49	0,62
23,5	51	31	27	5j5	M6 x 1	25 x 3	15,0	2	3 x a	1 x a	0,83	1,13	0,45	0,57
23,5	51	31	27	5j5	M6 x 1	25 x 4	15,0	1	4 x a	3 x a	1,16	1,54	0,59	0,74
23,5	51	31	27	5j5	M6 x 1	25 x 4	15,0	1	4 x a	2 x a	1,04	1,43	0,55	0,70
23,5	51	31	27	5j5	M6 x 1	25 x 5	15,0	1	5 x a	3 x a	1,26	1,72	0,64	0,82
23,5	51	31	27	5j5	M6 x 1	25 x 5	15,0	2	5 x a	2 x a	1,15	1,61	0,60	0,78
23,5	51	31	27	5j5	M6 x 1	25 x 6	15,0	1	6 x a	3 x a	1,38	1,91	0,70	0,91
23,5	51	31	27	5j5	M6 x 1	25 x 7	15,0	1	7 x a	4 x a	1,71	2,32	0,84	1,08
23,5	51	31	27	5j5	M6 x 1	25 x 7	15,0	1	7 x a	4 x a	1,60	2,21	0,80	1,04
23,5	51	31	27	5j5	M6 x 1	25 x 7	15,0	2	7 x a	3 x a	1,49	2,09	0,76	1,00
30,0	54	38	31	5h7	M10 x 1	25 x 3	15,0	1	1 x a	1 x a	1,91	2,52	1,08	1,32
30,0	54	38	31	5h7	M10 x 1	25 x 4	15,0	1	1 x a	1 x a	2,13	2,88	1,18	1,48
30,0	54	38	31	5h7	M10 x 1	25 x 5	15,0	1	1 x a	1 x a	2,55	3,45	1,38	1,73
30,0	54	38	31	5h7	M10 x 1	25 x 5	15,0	2	1 x a	1 x a	2,34	3,24	1,29	1,65
30,0	54	38	31	5h7	M10 x 1	25 x 6	15,0	1	2 x a	1 x a	2,75	3,80	1,47	1,89
30,0	54	38	31	5h7	M10 x 1	25 x 7	15,0	1	2 x a	2 x a	3,38	4,58	1,75	2,22
30,0	54	38	31	5h7	M10 x 1	25 x 7	15,0	2	2 x a	1 x a	2,97	4,16	1,58	2,06
30,0	54	38	31	5h7	M10 x 1	25 x 9	15,0	1	3 x a	2 x a	4,23	5,72	2,13	2,72
30,0	54	38	31	5h7	M10 x 1	25 x 9	15,0	1	3 x a	2 x a	3,81	5,30	1,96	2,55
30,0	54	38	31	5h7	M10 x 1	25 x 11	15,0	1	4 x a	2 x a	4,65	6,42	2,34	3,04
30,0	54	38	31	5h7	M10 x 1	25 x 11	15,0	2	4 x a	2 x a	4,23	6,01	2,17	2,88
30,0	54	38	31	5h7	M10 x 1	25 x 3	17,5	1	1 x a	60 x 86	3,34	3,99	1,81	2,07
30,0	54	38	31	5h7	M10 x 1	25 x 4	17,5	1	1 x a	1 x a	4,04	4,84	2,11	2,43
30,0	54	38	31	5h7	M10 x 1	25 x 5	17,5	1	1 x a	1 x a	4,38	5,32	2,27	2,64
30,0	54	38	31	5h7	M10 x 1	25 x 7	17,5	1	1 x a	1 x a	5,80	7,04	2,88	3,37
30,0	54	38	31	5h7	M10 x 1	25 x 7	17,5	2	1 x a	1 x a	5,05	6,29	2,59	3,08
30,0	54	38	31	5h7	M10 x 1	25 x 9	17,5	1	2 x a	2 x a	7,21	8,74	3,49	4,10
30,0	54	38	31	5h7	M10 x 1	25 x 9	17,5	1	2 x a	1 x a	6,46	7,79	3,19	3,80
30,0	54	38	31	5h7	M10 x 1	25 x 11	17,5	1	3 x a	2 x a	7,88	9,71	3,81	4,53
30,0	54	38	31	5h7	M10 x 1	25 x 11	17,5	2	3 x a	1 x a	7,14	8,96	3,51	4,24
30,0	54	38	31	5h7	M10 x 1	25 x 13	17,5	1	3 x a	2 x a	8,55	10,67	4,11	4,96
30,0	54	38	31	5h7	M10 x 1	25 x 15	17,5	1	4 x a	3 x a	10,72	13,13	5,03	5,99
30,0	54	38	31	5h7	M10 x 1	25 x 15	17,5	1	4 x a	2 x a	9,97	12,38	4,73	5,69
30,0	54	38	31	5h7	M10 x 1	25 x 15	17,5	2	4 x a	2 x a	9,22	11,64	4,43	5,39
30,0	54	38	31	5h7	M10 x 1	25 x 15	17,5	2	4 x a	1 x a	8,48	10,89	4,14	5,10
30,0	54	38	31	5h7	M10 x 1	25 x 17	17,5	2	4 x a	2 x a	9,89	12,60	4,74	5,82
30,0	54	38	31	5h7	M10 x 1	25 x 19	17,5	1	5 x a	3 x a	12,05	15,06	5,65	6,85
30,0	54	38	31	5h7	M10 x 1	25 x 19	17,5	2	5 x a	2 x a	10,56	13,56	5,06	6,25
47,0	92	53	40	10h7	Tr16 x 2	50 x 3	30,0	1	1 x a	1 x a	11,50	14,62	6,05	7,29
47,0	92	53	40	10h7	Tr16 x 2	50 x 4	30,0	1	1 x a	1 x a	14,16	18,02	7,20	8,73
47,0	92	53	40	10h7	Tr16 x 2	50 x 4	30,0	1	1 x a	1 x a	12,71	16,57	6,62	8,16
47,0	92	53	40	10h7	Tr16 x 2	50 x 5	30,0	1	2 x a	1 x a	15,38	19,98	7,78	9,61
47,0	92	53	40	10h7	Tr16 x 2	50 x 5	30,0	2	2 x a	1 x a	13,93	18,53	7,21	9,03
47,0	92	53	40	10h7	Tr16 x 2	50 x 6	30,0	1	2 x a	1 x a	16,59	21,82	8,35	10,48
47,0	92	53	40	10h7	Tr16 x 2	50 x 7	30,0	1	3 x a	2 x a	20,70	26,79	10,08	12,49
47,0	92	53	40	10h7	Tr16 x 2	50 x 7	30,0	2	3 x a	1 x a	17,80	23,89	8,92	11,34
47,0	92	53	40	10h7	Tr16 x 2	50 x 8	30,0	1	3 x a	2 x a	21,91	28,74	10,65	13,36
47,0	92	53	40	10h7	Tr16 x 2	50 x 8	30,0	2	3 x a	1 x a	19,01	25,84	9,49	12,21

1.2 SE
mit Endplatten
with end plates

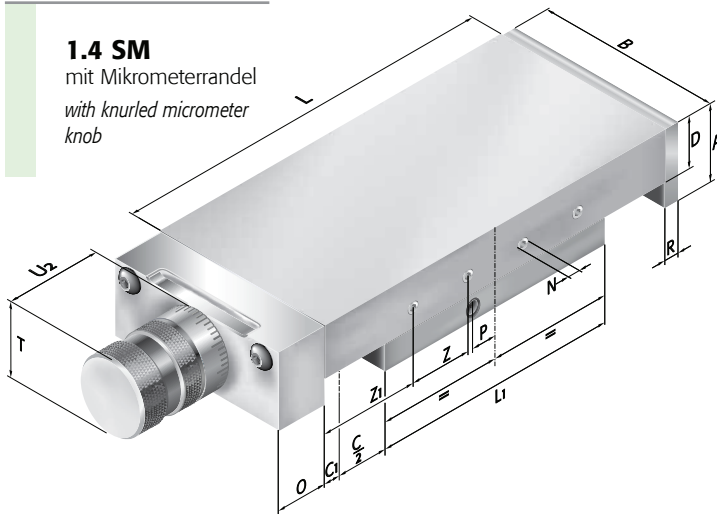


1.3 SS
mit Spindel
with spindle

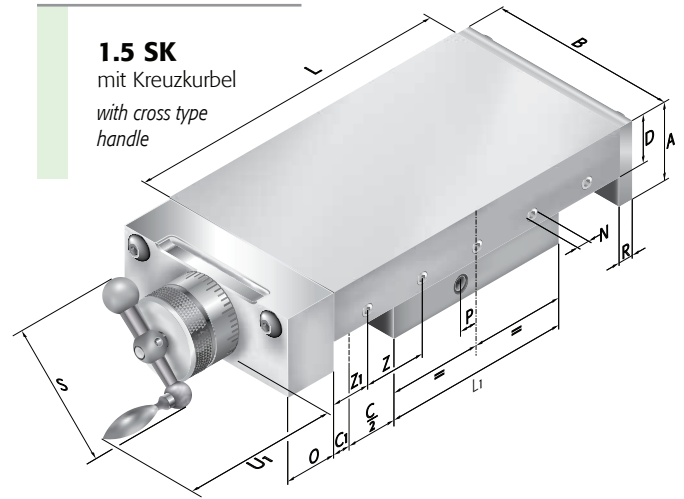


Maßtabelle Baugrößen 200 - 400 | Size table, sizes 200 - 400

Größe Size	Länge Length	Hub Stroke	Höhe Height			Höhe m. T-Nuten Height incl. T-slots		Schmierbohrung Greasing hole						
			B	L	C	A	A	N	D	P	O	O1	R	S
150	510	100	5,0	400	50	66	M8	29,5	15	28	16	8	103	
150	510	200	5,0	300	50	66	M8	29,5	15	28	16	8	103	
150	510	300	5,0	200	50	66	M8	29,5	15	28	16	8	103	
150	610	200	5,0	400	50	66	M8	29,5	15	28	16	8	103	
150	610	300	5,0	300	50	66	M8	29,5	15	28	16	8	103	
150	710	300	5,0	400	50	66	M8	29,5	15	28	16	8	103	
150	710	400	5,0	300	50	66	M8	29,5	15	28	16	8	103	
150	810	400	5,0	400	50	66	M8	29,5	15	28	16	8	103	
150	810	500	5,0	300	50	66	M8	29,5	15	28	16	8	103	
200	310	100	5,0	200	60	75	M8	37,0	15	28	16	8	103	
200	410	100	5,0	300	60	75	M8	37,0	15	28	16	8	103	
200	410	200	5,0	200	60	75	M8	37,0	15	28	16	8	103	
200	510	200	5,0	300	60	75	M8	37,0	15	28	16	8	103	
200	510	300	5,0	200	60	75	M8	37,0	15	28	16	8	103	
200	610	200	5,0	400	60	75	M8	37,0	15	28	16	8	103	
200	610	300	5,0	300	60	75	M8	37,0	15	28	16	8	103	
200	610	400	5,0	200	60	75	M8	37,0	15	28	16	8	103	
200	710	300	5,0	400	60	75	M8	37,0	15	28	16	8	103	
200	710	400	5,0	300	60	75	M8	37,0	15	28	16	8	103	
200	710	500	5,0	200	60	75	M8	37,0	15	28	16	8	103	
200	810	400	5,0	400	60	75	M8	37,0	15	28	16	8	103	
200	810	500	5,0	300	60	75	M8	37,0	15	28	16	8	103	
200	810	600	5,0	200	60	75	M8	37,0	15	28	16	8	103	
200	1010	400	5,0	600	60	75	M8	37,0	15	28	16	8	103	
200	1010	500	5,0	500	60	75	M8	37,0	15	28	16	8	103	
200	1010	600	5,0	400	60	75	M8	37,0	15	28	16	8	103	
300	310	050	5,0	250	75	95	M10	50,0	15	20	20	10	125	
300	410	100	5,0	300	75	95	M10	50,0	15	20	20	10	125	
300	460	150	5,0	300	75	95	M10	50,0	15	20	20	10	125	
300	510	100	5,0	400	75	95	M10	50,0	15	20	20	10	125	
300	510	200	5,0	300	75	95	M10	50,0	15	20	20	10	125	
300	610	200	5,0	400	75	95	M10	50,0	15	20	20	10	125	
300	610	300	5,0	300	75	95	M10	50,0	15	20	20	10	125	
300	710	300	5,0	400	75	95	M10	50,0	15	20	20	10	125	
300	810	400	5,0	400	75	95	M10	50,0	15	20	20	10	125	
300	1010	400	5,0	600	75	95	M10	50,0	15	20	20	10	125	
300	1010	500	5,0	500	75	95	M10	50,0	15	20	20	10	125	
300	1010	600	5,0	400	75	95	M10	50,0	15	20	20	10	125	
400	510	100	5,0	400	100	125	M10	70,0	15	20	20	10	125	
400	610	200	5,0	400	100	125	M10	70,0	15	20	20	10	125	
400	710	300	5,0	400	100	125	M10	70,0	15	20	20	10	125	
400	810	200	5,0	600	100	125	M10	70,0	15	20	20	10	125	
400	810	400	5,0	400	100	125	M10	70,0	15	20	20	10	125	
400	1010	300	5,0	700	100	125	M10	70,0	15	20	20	10	125	
400	1010	400	5,0	600	100	125	M10	70,0	15	20	20	10	125	
400	1010	500	5,0	500	100	125	M10	70,0	15	20	20	10	125	
400	1210	400	5,0	800	100	125	M10	70,0	15	20	20	10	125	
400	1210	500	5,0	700	100	125	M10	70,0	15	20	20	10	125	
400	1210	600	5,0	600	100	125	M10	70,0	15	20	20	10	125	



1.4 SM
mit Mikrometerrandel
with knurled micrometer
knob



1.5 SK
mit Kreuzkurbel
with cross type
handle

T	U1	U2	U3	V	Spindel Spindle		AR**	Mögl. Stand-Bohrbild Possible standard drilling plan		Gewicht Weight kg (GG 25)	Gewicht m. T-Nuten Weight incl. T-slots kg (GG 25)	Gewicht Weight kg (Al)	Gewicht m. T-Nuten Weight incl. T-slots kg (Al)	
					Z	Z1		Ba*	Bi*					
47,0	92	53	40	10h7	Tr16 x 2	50 x 9	30,0	1	3 x a	2 x a	26,03	33,60	12,38	15,39
47,0	92	53	40	10h7	Tr16 x 2	50 x 9	30,0	1	3 x a	2 x a	23,13	30,70	11,23	14,24
47,0	92	53	40	10h7	Tr16 x 2	50 x 9	30,0	2	3 x a	1 x a	20,23	27,80	10,08	13,08
47,0	92	53	40	10h7	Tr16 x 2	50 x 11	30,0	1	4 x a	2 x a	28,45	37,51	13,52	17,12
47,0	92	53	40	10h7	Tr16 x 2	50 x 11	30,0	2	4 x a	2 x a	25,55	34,61	12,37	15,97
47,0	92	53	40	10h7	Tr16 x 2	50 x 13	30,0	1	5 x a	2 x a	30,88	41,42	14,67	18,86
47,0	92	53	40	10h7	Tr16 x 2	50 x 13	30,0	2	5 x a	2 x a	27,98	38,52	13,52	17,71
47,0	92	53	40	10h7	Tr16 x 2	50 x 15	30,0	2	6 x a	2 x a	33,31	45,34	15,83	20,60
47,0	92	53	40	10h7	Tr16 x 2	50 x 15	30,0	2	6 x a	2 x a	30,41	42,43	14,67	19,45
47	92	53	40	10h7	Tr16 x 2	50 x 5	30,0	1	1 x a	1 x a	24,70	30,65	12,25	14,61
47	92	53	40	10h7	Tr16 x 2	50 x 7	30,0	1	2 x a	1 x a	33,24	41,10	15,85	18,97
47	92	53	40	10h7	Tr16 x 2	50 x 7	30,0	2	2 x a	1 x a	28,61	36,47	14,01	17,13
47	92	53	40	10h7	Tr16 x 2	50 x 9	30,0	1	2 x a	1 x a	37,16	46,94	17,63	21,51
47	92	53	40	10h7	Tr16 x 2	50 x 9	30,0	2	2 x a	1 x a	32,53	42,31	15,79	19,67
47	92	53	40	10h7	Tr16 x 2	50 x 11	30,0	1	3 x a	2 x a	45,70	57,40	21,23	25,87
47	92	53	40	10h7	Tr16 x 2	50 x 11	30,0	2	3 x a	1 x a	41,07	52,76	19,39	24,03
47	92	53	40	10h7	Tr16 x 2	50 x 11	30,0	3	3 x a	1 x a	36,44	48,13	17,55	22,19
47	92	53	40	10h7	Tr16 x 2	50 x 13	30,0	1	4 x a	2 x a	49,62	63,23	23,00	28,41
47	92	53	40	10h7	Tr16 x 2	50 x 13	30,0	2	4 x a	1 x a	44,99	58,60	21,16	26,57
47	92	53	40	10h7	Tr16 x 2	50 x 13	30,0	3	4 x a	1 x a	40,36	53,97	19,32	24,73
47	92	53	40	10h7	Tr16 x 2	50 x 15	30,0	2	4 x a	2 x a	53,54	69,07	24,78	30,94
47	92	53	40	10h7	Tr16 x 2	50 x 15	30,0	2	4 x a	1 x a	48,91	64,43	22,94	29,10
47	92	53	40	10h7	Tr16 x 2	50 x 15	30,0	3	4 x a	1 x a	44,28	59,80	21,10	27,26
47	92	53	40	10h7	Tr16 x 2	50 x 19	30,0	1	5 x a	3 x a	70,63	89,99	31,99	39,68
47	92	53	40	10h7	Tr16 x 2	50 x 19	30,0	2	5 x a	2 x a	66,00	85,36	30,15	37,84
47	92	53	40	10h7	Tr16 x 2	50 x 19	30,0	2	5 x a	2 x a	61,37	80,83	28,31	36,00
66	146	80		12h7	Tr20 x 4	50 x 5	30,0	1	1 x a	-	52,57	64,31	26,14	30,81
66	146	80		12h7	Tr20 x 4	50 x 7	30,0	1	1 x a	1 x a	64,56	80,10	31,26	37,43
66	146	80		12h7	Tr20 x 4	50 x 8	30,0	1	1 x a	1 x a	68,50	85,93	33,00	39,92
66	146	80		12h7	Tr20 x 4	50 x 9	30,0	1	1 x a	1 x a	80,67	100,00	38,01	45,69
66	146	80		12h7	Tr20 x 4	50 x 9	30,0	1	1 x a	1 x a	72,44	91,86	34,74	42,42
66	146	80		12h7	Tr20 x 4	50 x 11	30,0	1	2 x a	1 x a	88,56	111,67	41,50	50,68
66	146	80		12h7	Tr20 x 4	50 x 11	30,0	2	2 x a	1 x a	80,32	103,44	38,23	47,41
66	146	80		12h7	Tr20 x 4	50 x 13	30,0	1	2 x a	1 x a	96,44	123,33	44,99	55,67
66	146	80		12h7	Tr20 x 4	50 x 15	30,0	2	3 x a	1 x a	104,31	135,00	48,47	60,66
66	146	80		12h7	Tr20 x 4	50 x 19	30,0	1	3 x a	2 x a	136,53	174,80	61,98	77,18
66	146	80		12h7	Tr20 x 4	50 x 19	30,0	2	3 x a	1 x a	128,30	166,56	58,70	73,90
66	146	80		12h7	Tr20 x 4	50 x 19	30,0	2	3 x a	1 x a	120,06	158,33	55,43	70,63
66	146	80		12h7	Tr20 x 4	50 x 9	30,0	1	1 x a	1 x a	142,64	174,92	63,73	76,55
66	146	80		12h7	Tr20 x 4	50 x 11	30,0	1	1 x a	1 x a	158,30	196,91	70,08	85,42
66	146	80		12h7	Tr20 x 4	50 x 13	30,0	1	2 x a	1 x a	173,96	218,90	76,44	94,29
66	146	80		12h7	Tr20 x 4	50 x 15	30,0	1	2 x a	1 x a	215,19	266,46	92,95	113,32
66	146	80		12h7	Tr20 x 4	50 x 15	30,0	1	2 x a	1 x a	189,63	240,90	82,80	103,16
66	146	80		12h7	Tr20 x 4	50 x 19	30,0	2	2 x a	1 x a	259,30	323,23	110,74	136,13
66	146	80		12h7	Tr20 x 4	50 x 19	30,0	1	2 x a	1 x a	246,52	310,45	105,66	131,06
66	146	80		12h7	Tr20 x 4	50 x 19	30,0	2	2 x a	1 x a	233,74	297,67	100,59	125,98
66	146	80		12h7	Tr20 x 4	50 x 23	30,0	1	3 x a	2 x a	303,41	380,00	128,53	158,95
66	146	80		12h7	Tr20 x 4	50 x 23	30,0	1	3 x a	1 x a	290,63	367,22	123,45	153,87
66	146	80		12h7	Tr20 x 4	50 x 23	30,0	2	3 x a	1 x a	277,85	354,43	118,38	148,80

auf Anfrage | on request