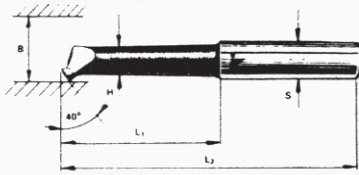


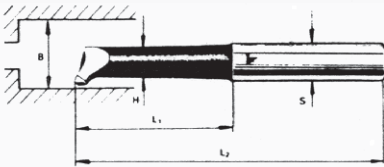
## ASB Boring Tools ASB (for thru holes)

## IFANGER

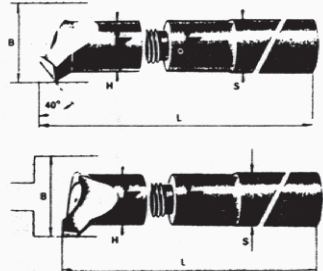


Size ASB ECS	Recomm. minimum bore B / mm	Ø of neck H mm	Ø S of shank mm	Length of neck L <sub>1</sub> mm	Total length L <sub>2</sub> mm
000 normal	4	2,5	8	23	49
000 long	4	2,5	8	28	58
00 normal	5	3	8	25	52
00 long	5	3	8	32	64
0 normal	6,5	4	8	29	56
0 long	6,5	4	8	35	69
0/1 normal	8,5	5	8	31	60
0/1 long	8,5	5	8	38	75
1 normal	10	6	8	33	65
1 long	10	6	8	41	82
2 normal	13	8	8	-	72
2 long	13	8	8	-	100

## ECS Facing and Bottoming Tools

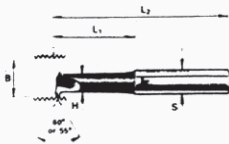


Size ASB ECS	Recomm. minimum bore B / mm	Ø of neck H mm	Ø S of shank mm	Thread of shank	Total length L mm
3	17	10	10	M6	100
			10	M6	125
			12	M6	200
4	21	12	13	M8	230
5	24	14	15	M10×20thr/1"	260
6	28	16,3	17	M12×20thr/1"	280
7	31	18,3	19	M14×20thr/1"	310
8	34	20	20	M15×20thr/1"	330
9	37	22	22	M15×20thr/1"	360
10	42	25	25	M18×20thr/1"	390
11	50	30	30	M21×14thr/1"	430
12	60	35	35	M25×14thr/1"	500



## Internal Thread Cutting Tools

### GWS 60° and 55°



### GWS

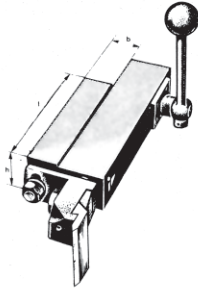
Size GWS	Recomm. minimum bore B / mm	Ø of neck H mm	Ø S of shank mm	Length of neck L <sub>1</sub> mm	Total length L <sub>2</sub> mm
60 000	5	2,6	8	15	46
55 00	6,5	3,5	8	25	50
0 normal	9	4,8	8	26	52
0 long	9	4,8	8	31	64
1 normal	11	6	8	28	56
1 long	11	6	8	34	70
2 normal	13	7,5	8	-	64
2 long	13	7,5	8	-	80



Size GWS	Recomm. minimum bore B / mm	Ø of neck H mm	Ø S of shank mm	Thread of shank	Total length L mm
60 3	17	10	10	M6	100
4	21	12	13	M8	230
5	24	14	15	M10×20thr/1"	260
6	28	16,3	17	M12×20thr/1"	280
7	31	18,3	19	M14×20thr/1"	310
8	34	20	20	M15×20thr/1"	330
9	37	22	22	M15×20thr/1"	360
10	42	25	25	M18×20thr/1"	390
11	50	30	30	M21×14thr/1"	430

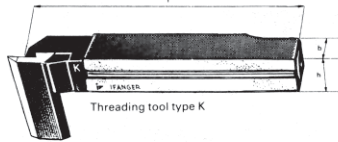
## Special Threading Tool Holders RS

This holder permits the cutting of threads at high speeds. This is due to the fact that the cutter can be withdrawn instantly at any time. All K type cutters can be used in their respective holders.



Size	For height of centres above tool rest	Measurements of clamping block h · b · l mm	Stroke mm
2	18	25 · 19 · 80	4
3	24	30 · 20 · 89	4
4	26	32 · 23 · 100	6

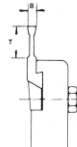
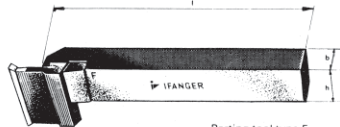
## Threading Tools K



Type K

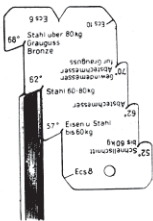
Size Type K	For height of centres above tool rest mm	Holder Type K measurment h · b · l mm	Cutter K 60 normal width for triangular thread			Cutter K 60 extra width for triangular thread	
			length mm	width Ø mm	max pitch mm	width B mm	max pitch mm
0	13-10	16 · 12 · 100	40	2.5	2.5	3.5	3.5
1	17-14	18 · 15 · 110	40	2.5	2.5	3.5	3.5
2	22-18	20 · 18 · 140	50	3	3	4.5	4.5
3	27-23	27 · 22 · 160	60	3.5	3.5	5.5	5.5
4	33-28	32 · 25 · 180	70	4.5	4.5	6.5	6.5
5	37-34	36 · 28 · 200	80	5.5	5.5	8.5	8.5

## Parting Tools F



Type F

Size Type F	For height of centres above tool rest mm	Holder measurements h · b · l mm	Cutter normal depth				extra depth T mm
			length mm	B <sup>0</sup> <sub>0.5</sub> mm	T mm	T mm	
1	16-12	16 · 12 · 110	25	3	11	16	
2	20-16	20 · 15 · 140	32	3.5	14	19	
3	25-20	25 · 18 · 160	41	4	17	24	
4	30-25	30 · 21 · 180	50	4.5	23.5	33.5	
5	36-30	36 · 25 · 200	60	5.5	30	40	



## Universal Grinding Gauge for Boring and Turning Tools

- only one grinding gauge for all IFANGER turning tools
- indispensable for correct and accurate grinding of IFANGER turning tools



How to order (example): 1 piece SL-E

ALSO AVAILABLE WITH T.I.N. COATING

**IFANGER**


Kgi

Normal tool holders for internal turning tools  
 Clamping holders for tools No. 000-3 with 8 and 10mm shank

Kgi 16 x 16 x 125mm

200 grams

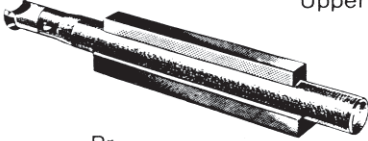
Clamping holders for tools No. 000-2 with 8mm shank

Kgi a 12 x 12 x 100mm

70 grams

Kgi b 14 x 10 x 100mm

80 grams

**Prisms for tools No. 4 - 12**


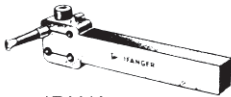
Pr

Upper small prisms:

8 x 10 x 50mm	25 grams
8 x 14 x 100mm	80 grams
8 x 14 x 125mm	100 grams
8 x 14 x 150 mm	120 grams

Lower normal prisms:

Pr. for tools No. 4 — 8	12 x 22 x 130mm	190 grams
Pr. b for tools No. 6 — 10	15 x 25 x 150mm	330 grams
Pr. g for tools No. 10 — 12	20 x 35 x 180mm	620 grams

**IDH tool holders for tools No. 000-3**

 IDH/A  
 IDH/B


IDH/C

type	for height of centres from tool rest mm	measur. h x b x l mm	bore mm	weight grams	
A	12 - 20	30 x 21 x 150	8 + 10	600	
B	21 - 30	40 x 22 x 175	8 + 10	900	
C	8 - 12	20-18 x 10 x 110	8 or 10	180	

When ordering IDH holders, it is necessary to state the exact height of centres above tool rest, as well as the desired bore for holder IDH/C.