		• 1		- ombined	with	holes
imit	shaft	(h9,	(dd	combined	91	2

			- 73/1	Unit shaft (h9, h6) compiled	T - 10168
	r i	Fit	p9 he	Character of Fit	Examples
	12/2	+	111	mostly ample clearance	easily fitted together
			010	very ample clearance	
	1 8	I will list	9	ample clearance	bearing of lever
	clearance	F	8.	noticeable clearance	sliding contact bearing
	Cle.	1	07	without noticeable clearance	
		H S	1	con just be displaced by hand	clearance fit for key (shaft + Lub)
			Н7		clutch
	100	JS		displaceable by using	slight fit for key in
	r de		J57	moderate force	parts which are often disassembled
	transition		K7	can be fitted without considerable force	handwhsel, coupling,
-	th.		N7	fitted with force	one leno.
1		FÇ,			tight fit for key (shaft
Inches	farence		P7	Date Triuting .	trensmission of small torques without trans- mitting element



Table 70/1: Tolerances for holes

Hes Pize n m	1		as J res	many little . C			Up	pe	ť (and	ley	i et	ä	evict	ign	•	in/	-m)	*** 400m		elektrik pr	معبلسد	****		******	· · · · · · · · · · · · · · · · · · ·	ingk berong
>	to	H 11	1	10	E	9	H	9	JS	NIC	9	jas		F A	dн	à l	C.7	14	17	lie	7 1 2	7	1	ſ	v t ~ .	. 1.	1.	
.	3) •	60 20		39 14	+	~ 4	. 1	31 ²²	7 23 j	T	D)	7	110	4	+ 1,	2 +	10				- 2	-	41-	6 -	10.	15
3	6	+ 75		30	+	50 20	•	30			Ö.	-	7	• 28	1 - 1	0	- 1	2	12			3	- 12 0	-1	-	8 -	20/1	- (C
6	10	• 90	1	98 40	+	61 25	1	36	_		0 0 36	- 1	5	35	-	2	· ·		15		-	9	- 12	- 10	- 2 -	2	23	9
10	18	+ 110		125 50	+	75 32	-	70	± 21		ç	- 7		. ()		7.		-	0 18	9	1+	10 ·	15	- 19	- 2 - 1		70 161	<u> </u>
18	30	• 130	1	149	1	92 40	3	52		1	ρT.	- 2	2	53 20	+ 3	<u>)</u>	7.6		21		•	12 <u> -</u>	18		- 2X - 14		341	0
<u>"30</u>	50	160	•	180	. 1	12	• · ·	62	31	-	0.	- 2		64	+ 3		- <u>/</u> 34 9	.;		10	*	9]- 7]	C.	- 8	- 35 - 17	- 2	5 1	0!
50	80	190		270 100	+1		+	0	37		0	- 3	71.	76	.4	_	20 10			. 15		8 - 9 -	25	. 9	- 42 - 21	- 5	1. 1	5
£X;	120	+ 220 0		260 120!		59 72		0	43		ol-	-	7,	90	+ 5	•	47	, ,	7-7-7	17		0	<u>30</u> -	39 10	- 51 - 24	1)	+ 22	1
120	160	+ 250 0		305 45		35	+ ¥.	30	50	-	01-	14	1/4	106			54		7	20	-	21-	35 - 0 - 40 -	12	- 59 - 28		• 25	}
60	250	• 290 • 0		355 170			• 11	0 3	57	- 11		16	*	122 50	• 72	1.	61 15	. 4	77	23	1	31-		121	331		23	Ŕ
20	315	• 320 0		90				0	55	- 130		56 136		137 56	+ 81	_	63		3 0 ±		16	1	0- 52-	4	36		• 32	

¹⁾ Above 50mm smaller sleps in basic size

Fit	Hé	eft.	character of fit	Examples
	đ9 e8		ample clearance	shaft with several bearings, sliding contact bearing for his
30 e	h9		easily displaceable	temperature, bearing of levers
cleatance	£7	?' .	little clearance	
2g		g6	without noticeable cleara- nce	precise sliding contact
	h 7	. h6	displaceable by using a lubricant	
, , ,		J 86	displaceable by using moderate force	accurate centering
transition		k 6	can be fitted without considerable force	handwheel, coupling pulley
	- 4	n6	fitted with force	transmission of torque with additional trans- mitting element
inter- ference	10	16 16 16	fitted by pressing or shrinking	transmission of small torques without addit- ional transmitting element

Table 71/3: Tolerances for Shafts

si,	isic Zg mm		20.1.	·		Upper			wer	devic	lion	(ii	nμ	m)			į.				1	-
-	> 11		-	-	_	17	h7	_		js6	k 6	m	6 1	n6	р6	116	56	lh5	.1	s 5	1 45	lm 5
	1	1-		0 25 -	28 -	16	- 10	- 2 - 8	- 6	± 3		5	8 .	10	• 12 • 6	1. 1	5 + 2)	0	-	_	
	3 6	:]:	30 - 3	0 -	20 -	10	- 12	- 4	- 8		1.		2 .	16	+ 20	-	-	-	4 ±	-	_	: 2
6	10		40	0 -	25 -	13	ol-	- 5	0	-	1.1	0 + 1	5 .	19	• 12 • 24	-	5 - 19	-	5 ±	2,5	. 1	. 9
10	1-	1.			47 - 32 -	28 -	15	- 14	- 9	± 4.		1	6	•	• 15	+ 21	0 23		0 6 ±	3	• 7	• 12
-	18	1- 3	93 - 4	3 - !	59 -	34 -			- 11	£ 5!	1: 12	1	8 .	23	• 29 • 18	+ 34		(5	4	• 9	
18	30	-11		2 - 4	0 -	20	21 -	20	- 13	£ 65	115			28	+ 35	• 41	· 25	-	_		• <u>1</u> • 11	+ 7
30	50	- 8			0-	25	0 -	9		-	+ 18	-	3 •	33		+ 28	+ 35	- 3	-	4,5	- 2	• 17 • 8
100		- 14. - 10		_	_	50 : 30	-	25 -	16.	* B	. 2	,			42	• 50 • 34	· 59	- 11		5,5	• 13	
50		- 174	- 74	-10	- 1		0 - 30 -	10 23 -	19	£ 9,5	+ 21	+ 30		39	51		-	0	1	-	15	• 9 • 24
00		- 120 - 207		- 72 -126		36	0 -	12	0	11	• 25	+ 35		恕:)	- 13 0	-	6,5	. 2	. 11
120 1	ant-	145	0	- 85	-			4 -	0		• 3	• 13	+	_	37		,	- 15	±	7,5	· 18	
		245 170		-148	- 8	3-4	0 - 3		25 -	125	• 28 • 3	• 40 • 15		52 • 27 •	68			0		9	21	+ 33
180 25	50 -	285	-115	-100 -172	- 5 - 9		0 - 1	5	29 2	145	+ 33	. 46	. 6	90 r	79			<u>- 18</u>	-		_	• 15
50 31	e - 1	190 20	0	110	- 50	5 () - 1	7	-		• 36	+ 17	• ;	311:	_		ļ	0 - 20	- 1	0	24	· 37 • 17
		201	130 -	191	- 10	5 - 52	2 - 4	1-	32 2	16		20			88 56			- 23	<u>.</u> 1	1,5		43

¹⁾ Above 50 mm -smaller steps in basic size