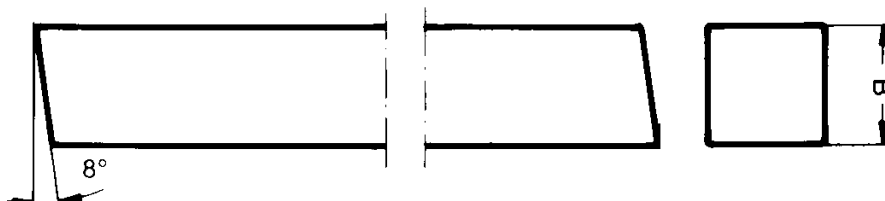
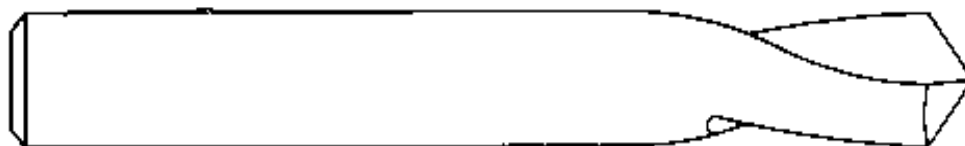
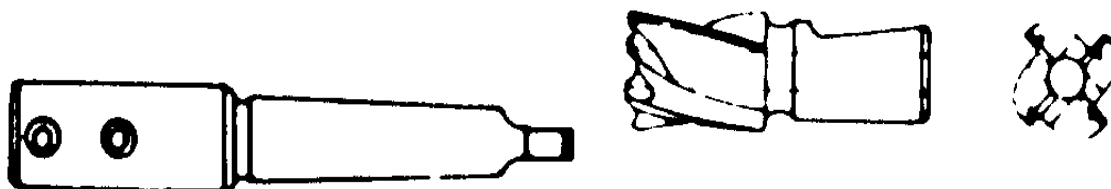
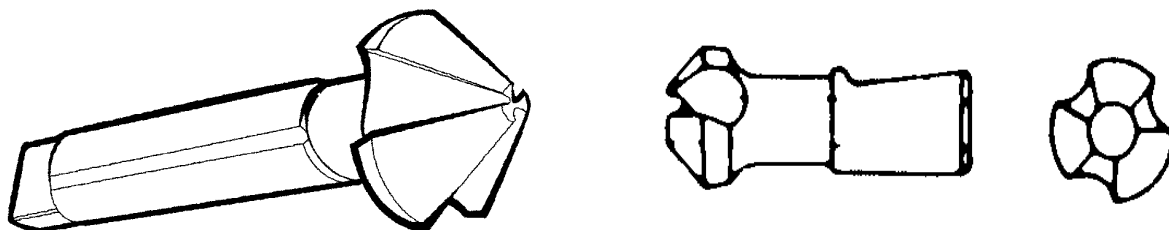


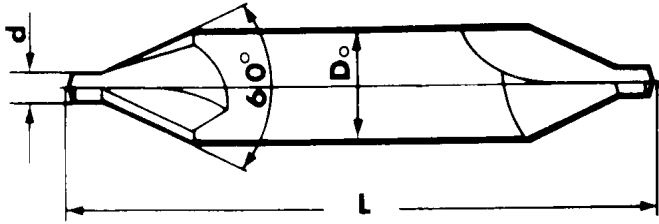
Skoleteknikk.no

NORTOOLS AS ✓



FORSENKERE, SENTERBOR, BROTSJER, TAPPBOR, TOOLBITS

MAGAFOR SENTERBOR



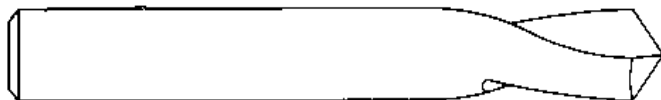
SENTERBOR «A»	NORMAL LENGDE	DIN 333-A
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SKAFT DIAMETER	BOR DIAMETER	SKJÆR LENGDE	TOTAL LENGDE		TYPE 11
3,0	0,5	0,7	31		#
4,0	1,0	1,5	35		#
5,0	1,5	2	40		#
6,0	2,0	3	45		#
8,0	3,0	4	50		#
10,0	3,0	4	55		#
12,0	4,0	5	63		#
16,0	5,0	6	71		#

SENTERBOR «A»	MEDIUM LENGDE	DIN 333-A
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SKAFT DIAMETER	BOR DIAMETER	SKJÆR LENGDE	TOTAL LENGDE		TYPE 18 L
4,0	1,0	2	100		#
6,0	2,0	3	100		#
6,0	2,0	3	150		#
8,0	2,5	3	100		#
8,0	2,5	3	150		#
10,0	3,0	4	100		#
10,0	3,0	4	150		#
12,0	4,0	5	100		#
12,0	4,0	5	150		#

SILMAX - MAGAFOR NC-BOR



NC BOR 90°	ISO 10898	
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BOR DIAMETER	SKAFT DIAMETER	BOR LENGDE	TOTAL LENGDE	TYPE 195	TYPE 357
3	3	10	50	#	#
4	4	12	52	#	#
5	5	15	60	#	#
6	6	20	66	#	#
8	8	25	79	#	#
10	10	25	89	#	#
12	12	30	102	#	#
16	16	35	115	#	#
20	20	40	131	#	#

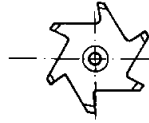
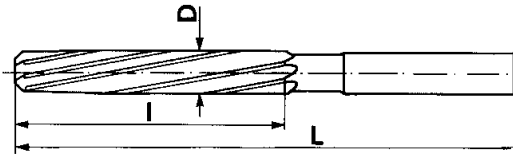
NC BOR 120°	ISO 10898	
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BOR DIAMETER	SKAFT DIAMETER	BOR LENGDE	TOTAL LENGDE	TYPE 196	NR 358
3	3	10	50	#	#
4	4	12	52	#	#
5	5	15	60	#	#
6	6	20	66	#	#
8	8	25	79	#	#
10	10	25	89	#	#
12	12	30	102	#	#
16	16	35	115	#	#
20	20	40	131	#	#

195 – 196 ER UBELAGT

357 – 358 ER FUTURA BELAGT

MAGAFOR HSS BROTSJER

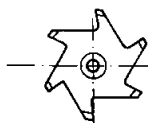
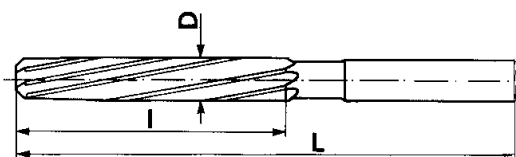


MASKIN BROTSJ H7	SYL. TANGE	
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BROTSJ DIAM	SKAFT DIAM	SKJÆR LENGDE	TOTAL LENGDE		TYPE 650
1,0	1	7	38		#
2,0	2	12	49		#
3,0	3	18	57		#
4,0	4	19	75		#
5,0	5	23	86		#
6,0	6	28	101		#
7,0	7	31	109		#
8,0	8	33	117		#
9	9	36	125		#
10	10	38	133		#
11	11	38	133		#
12	12	44	151		#
13	13	44	151		#
14	14	47	160		#
15	14	50	162		#
16	16	52	170		#

**BROTSJER LEVERES FRA LAGER I ALLE 0,01 MM,
FRA 0,80 - 10,05**

MAGAFOR HSS BROTSJER



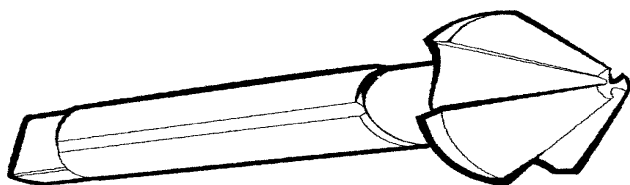
MASKIN BROTSJ H7

KON TANGE

BROTSJ DIAM	SKAFT DIAM	SKJÆR LENGDE	TOTAL LENGDE		TYPE 660
12	MK-1	44	182		#
13	MK-1	44	182		#
14	MK-1	47	189		#
15	MK-2	50	204		#
16	MK-2	52	210		#
17	MK-2	54	214		#
18	MK-2	56	219		#
19	MK-2	58	223		#
20	MK-2	60	228		#
21	MK-2	62	232		#
22	MK-2	64	237		#
23	MK-2	66	241		#
24	MK-3	68	268		#
25	MK-3	68	268		#
26	MK-3	70	273		#
27	MK-3	71	277		#
28	MK-3	71	277		#
29	MK-3	73	281		#
30	MK-3	73	281		#
31	MK-3	73	281		#
32	MK-3	77	290		#
33	MK-4	78	321		#
34	MK-4	78	321		#
35	MK-4	78	321		#
36	MK-4	81	329		#
37	MK-4	81	329		#
38	MK-4	81	329		#
39	MK-4	81	329		#
40	MK-4	81	329		#

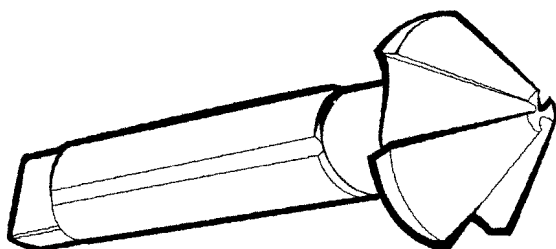
**BROTSJER ER TILGJENGELIGE OPP TIL 60MM,
OG OPPTIL 100MM I PÅSTIKKBROTSJ.
LANG OG XL-LANEGER BROTSJER LEVERES FRA LAGER**

SILMAX & MAGAFOR CO8% TIN



FORSENER 3 SKJÆR 60° SYL. SKAFT TITAN BELAGT

FORSENK DIAM	SKAFT DIAM	MINSTE DIAM	TOTAL LENGDE		TYPE 361
12,4	9,7	3,0	54		#
16,5	9,7	3,5	60		#
20,5	9,7	4,0	63		#
25	9,7	6,0	64		#

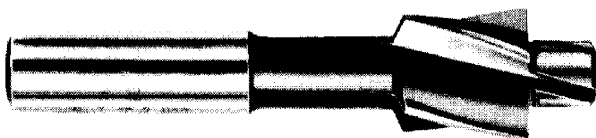


FORSENER 3 SKJÆR 90° SYL. SKAFT TITAN BELAGT

FORSENK DIAM	SKAFT DIAM	MINSTE DIAM	TOTAL LENGDE		TYPE 9967
6,3	6	1,0	50		#
10,4	8	2,5	54		#
12,4	9,7	3,0	54		#
16,5	9,7	3,5	60		#
20,5	9,7	4,0	63		#
25	9,7	6,0	64		#
31	9,7	7,0	68		#

FORSENERE ER OGSÅ TILGJENGELIG I 45°, 82°, 100° og 120°

MAGAFOR UNBR.FORSENKER



UNBRAKO FORSENKER 90° SYL. SKAFT

SKRUE DIAM	SKAFT DIAM	FORS DIAM	STYRE DIAM	TOTAL LENGDE	NR 401
M 3	6	6	3,2	71	#
M 4	8	8	4,3	71	#
M 5	10	10	5,3	80	#
M 6	10	11	6,4	80	#
M 8	12	15	8,4	100	#
M 10	12	18	10,5	100	#
M 12	12	20	13,0	100	#

UNBRAKO FORSENKER 90° MK SKAFT

SKRUE DIAM	SKAFT DIAM	FORS DIAM	STYRE DIAM	TOTAL LENGDE	NR 401
M 10	MK 2	18	10,5	145	#
M 12	MK 2	20	13	150	#
M 14	MK 2	23	15	160	#
M 16	MK 2	25	17	165	#
M 18	MK 2	28	19	175	#
M 20	MK 3	31	21	200	#

UNBRAKO FORSENKER 45° SYL. SKAFT

SKRUE DIAM	SKAFT DIAM	FORS DIAM	STYRE DIAM	TOTAL LENGDE	NR 401
M 3	6	6	3,2	71	#
M 4	8	8	4,3	71	#
M 5	10	10	5,3	80	#
M 6	10	11,5	6,4	80	#
M 8	12	15	8,4	100	#
M 10	12	19	10,5	100	#

BOR/FORS. SYSTEM (granlun)



HOLDER A		GRUPPE NR. 0		MK SKAFT	
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SKAFT MORSEKON	HODE DIAMETER	TOTAL LENGDE	HODE LENGDE		NR. 900
MK 1	18	110	42		?
MK 2	18	125	42		#



HOLDER B		GRUPPE NR. 0		SYL. SKAFT	
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SKAFT DIAMETER	HODE DIAMETER	TOTAL LENGDE	HODE LENGDE		NR. 900
Ø 8	18	92	42		?
Ø 10	18	92	42		#



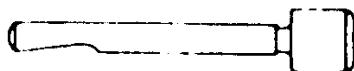
HOLDER C		GRUPPE NR. 0		STYRINGSSKAFT	
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SKAFT MORSEKON	HODE DIAMETER	TOTAL LENGDE	HODE LENGDE		NR. 900
MK 1	20	168	100		?
MK 1	20	218	150		?
MK 1	20	268	200		?

BOR/FORS. SYSTEM (granlun)



TAPPBOR		GRUPPE NR. 0		TYPE N	
NR. 901		NR. 901		NR. 901	
7,0	?	13,0	#	18,5	?
7,5	?	13,5	?	19,0	#
8,0	#	14,0	#	19,5	?
8,5	?	14,5	?	20,0	#
9,0	#	15,0	#	20,5	?
9,5	?	15,5	?	21,0	?
10,0	#	16,0	#	21,5	?
10,5	?	16,5	?	22,0	?
11,0	#	17,0	#	22,5	?
11,5	?	17,5	?	23,0	?
12,0	#	18,0	#	23,5	?
12,5	?			24,0	?



STYRING		GRUPPE NR. 0		TYPE F / R	
NR. 906		NR. 906		NR. 906	
4,0	#	6,5	#	9,0	#
4,3	#	6,6	?	9,5	?
4,5	#	6,8	?	10,0	#
4,8	?	7,0	#	10,5	?
5,0	#	7,4	?	11,0	?
5,1	?	7,5	#	11,5	?
5,3	?	7,6	?	12,0	?
5,5	#	8,0	#	12,5	?
5,8	?	8,4	?	13,0	?
6,0	#	8,5	#	13,5	?
6,4	?			14,0	?

BOR/FORS. SYSTEM (granlun)



HOLDER A		GRUPPE NR. 1		MK SKAFT	
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SKAFT MORSEKON	HODE DIAMETER	TOTAL LENGDE	HODE LENGDE		NR. 910
MK 1	24	124	56		?
MK 2	24	139	56		#
MK 3	24	158	56		#



HOLDER B		GRUPPE NR. 1		SYL. SKAFT	
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SKAFT DIAMETER	HODE DIAMETER	TOTAL LENGDE	HODE LENGDE		NR. 910
Ø 10	24	120	55		?
Ø 12	24	120	55		#



HOLDER C		GRUPPE NR. 1		STYRINGSSKAFT	
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SKAFT MORSEKON	HODE DIAMETER	TOTAL LENGDE	HODE LENGDE		NR. 910
MK 2	26	183	100		?
MK 2	26	233	150		?
MK 2	26	307	225		?



HOLDER A/T		GRUPPE NR. 1		MEDBRINGSKAFT	
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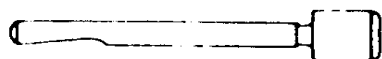
SKAFT MORSEKON	HODE DIAMETER	TOTAL LENGDE	HODE LENGDE		NR. 910
MK 2	30	146	63		?
MK 3	30	165	63		?

BOR/FORS. SYSTEM (granlun)



TAPPBOR		GRUPPE NR. 1		TYPE N	
NR. 911		NR. 911		NR. 911	
10,0	#	18,0	#	26,0	#
10,5	?	18,5	?	27,0	#
11,0	#	19,0	#	28,0	#
11,5	?	19,5	?	29,0	?
12,0	#	20,0	#	30,0	?
12,5	?	20,5	?	31,0	?
13,0	#	21,0	#	32,0	?
13,5	?	21,5	?	33,0	#
14,0	#	22,0	#	34,0	?
14,5	?	22,5	?	35,0	?
15,0	#	23,0	?	36,0	?
15,5	?	23,5	?	37,0	?
16,0	#	24,0	#	38,0	?
16,5	?	24,5	?	40,0	?
17,0	#	25,0	#		
17,5	?	25,5	?		

TAPPBOR 30 - 40 HAR MEDBRINGER (HOLDER A/T)



STYRING		GRUPPE NR. 1		TYPE F / R	
NR. 916		NR. 916		NR. 916	
6,0	#	10,5	#	17,0	?
6,4	?	11,0	#	17,5	?
6,5	#	11,5	#	18,0	?
6,8	#	12,0	#	18,5	?
7,0	#	12,5	#	19,0	?
7,4	?	13,0	#	19,5	?
7,5	#	13,5	#	20,0	?
8,0	#	14,0	#	20,5	?
8,4	?	14,5	#	21,0	?
8,5	#	15,0	#	21,5	?
9,0	#	15,5	?	22,0	?
9,5	#	16,0	#	22,5	?
10,0	#	16,5	?	23,0	?

BOR/FORS. SYSTEM (granlun)



FORSENKER 60`	GRUPPE NR. 1	TYPE S
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NR. 915		NR. 915			
12,4	?	25,0	?		
16,5	?	31,0	?		

FORSENKER 90`	GRUPPE NR. 1	TYPE S
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NR. 915		NR. 915		NR. 915	
12,4	?	20,5	#	31,0	?
15,0	?	25,0	#		
16,5	#	28,0	?		



INSATSBOR	GRUPPE NR. 1	KORT
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NR. 917		NR. 917		NR. 917	
6,5	?	8,4	?	10,0	?
6,6	?	8,5	?	10,2	?
6,8	?	8,8	?	10,5	?
7,0	?	9,0	?	10,7	?
7,6	?	9,3	?	11,0	?
7,9	?	9,5	?	11,5	?
8,0	?			12,0	?

INSATSBOR	GRUPPE NR. 1	LANG
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NR. 918		NR. 918		NR. 918	
6,5	?	8,4	?	10,0	?
6,6	?	8,5	?	10,2	?
6,8	?	8,8	?	10,5	?
7,0	?	9,0	?	10,7	?
7,6	?	9,3	?	11,0	?
7,9	?	9,5	?	11,5	?
8,0	?			12,0	?

BOR/FORS. SYSTEM (granlun)



HOLDER A		GRUPPE NR. 2		MK SKAFT	
SKAFT MORSEKON	HODE DIAMETER	TOTAL LENGDE	HODE LENGDE		NR. 920
MK 2	36	158	75		#
MK 3	36	177	75		#
MK 4	36	203	75		?
MK 5	36	235	75		?



HOLDER B		GRUPPE NR. 2		SYL. SKAFT	
SKAFT DIAMETER	HODE DIAMETER	TOTAL LENGDE	HODE LENGDE		NR. 920
Ø 20	36	147	75		#



HOLDER C		GRUPPE NR. 2		STYRINGSSKAFT	
SKAFT MORSEKON	HODE DIAMETER	TOTAL LENGDE	HODE LENGDE		NR. 920
MK 3	40	277	175		?
MK 3	40	352	250		?



HOLDER A/T		GRUPPE NR. 2		MEDBRINGSKAFT	
SKAFT MORSEKON	HODE DIAMETER	TOTAL LENGDE	HODE LENGDE		NR. 920
MK 3	48	185	83		#
MK 4	48	211	83		?
MK 5	48	243	83		?
MK 6	48	305	83		?

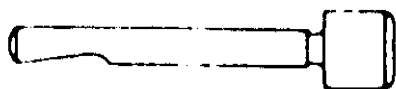
BOR/FORS. SYSTEM (granlun)



TAPPBOR		GRUPPE NR. 2		TYPE N	
NR. 921		NR. 921		NR. 921	
16,0	?	29,0	?	51,0	?
16,5	?	30,0	#	52,0	?
17,0	?	31,0	?	53,0	?
17,5	?	32,0	#	54,0	?
18,0	?	33,0	#	55,0	?
18,5	?	34,0	#	56,0	?
19,0	?	35,0	#	57,0	?
19,5	?	36,0	#	58,0	?
20,0	#	37,0	#	60,0	?
20,5	?	38,0	#	62,0	?
21,0	#	39,0	?	64,0	?
21,5	?	40,0	#	65,0	?
22,0	#	41,0	?	66,0	?
22,5	?	42,0	?	68,0	?
23,0	?	43,0	#	70,0	?
23,5	?	44,0	?	72,0	?
24,0	#	45,0	?	75,0	?
24,5	?	46,0	#	76,0	?
25,0	#	47,0	?	78,0	?
25,5	?	48,0	#	80,0	?
26,0	#	49,0	?	82,0	?
27,0	#	50,0	#	84,0	?
28,0	#			85,0	?

TAPPBOR 50 - 85 HAR MEDBRINGER (HOLDER A /T)

BOR/FORS. SYSTEM (granlun)



STYRING		GRUPPE NR. 2		TYPE F / R	
NR. 926		NR. 926		NR. 926	
10,0	?	22,5	?	34,0	?
10,5	?	23,0	#	34,5	?
11,0	?	23,5	?	35,0	?
11,5	?	24,0	#	35,5	?
12,0	#	24,5	?	36,0	?
12,5	?	25,0	#	36,5	?
13,0	#	25,5	?	37,0	?
13,5	?	26,0	#	37,5	?
14,0	#	26,5	?	38,0	?
14,5	?	27,0	#	38,5	?
15,0	#	27,5	?	39,0	?
15,5	?	28,0	#	39,5	?
16,0	#	28,5	?	40,0	?
16,5	?	29,0	#	41,0	?
17,0	#	29,5	?	42,0	?
17,5	#	30,0	#	43,0	?
18,0	#	30,5	?	44,0	?
18,5	?	31,0	?	45,0	?
19,0	#	31,5	?	46,0	?
19,5	#	32,0	?	47,0	?
20,0	#	32,5	?	48,0	?
20,5	#	33,0	?	49,0	?
21,0	#	33,5	?	50,0	?
21,5	#			51,0	?
22,0	#			52,0	?

BOR/FORS. SYSTEM (granlun)



FORSENKER 60`		GRUPPE NR. 2		TYPE S / ST	
NR. 925		NR. 925		NR. 925	
25,0	?	37,0	?	75,0	?
31,0	?	50,0	?		

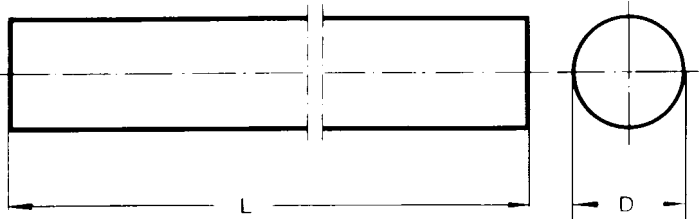
FORSENKER 90`		GRUPPE NR. 2		TYPE S / ST	
NR. 925		NR. 925		NR. 925	
20,5	?	34,0	?	50,0	?
25,0	?	37,0	?	63,0	?
28,0	?	40,0	?	75,0	?
31,0	?				



INSATSBOR		GRUPPE NR. 2		KORT	
NR. 927		NR. 927		NR. 927	
11,0	?	14,5	?	18,5	?
11,5	?	15,0	?	19,0	?
11,6	?	15,1	?	19,5	?
12,0	?	15,5	?	20,0	?
12,2	?	16,0	?	21,0	?
12,5	?	16,5	?	22,0	?
13,0	?	17,0	?	23,0	?
13,5	?	17,5	?	24,0	?
14,0	?	18,0	?	25,0	?

INSATSBOR		GRUPPE NR. 2		LANG	
NR. 928		NR. 928		NR. 928	
11,0	?	14,5	?	18,5	?
11,5	?	15,0	?	19,0	?
11,6	?	15,1	?	19,5	?
12,0	?	15,5	?	20,0	?
12,2	?	16,0	?	21,0	?
12,5	?	16,5	?	22,0	?
13,0	?	17,0	?	23,0	?
13,5	?	17,5	?	24,0	?
14,0	?	18,0	?	25,0	?

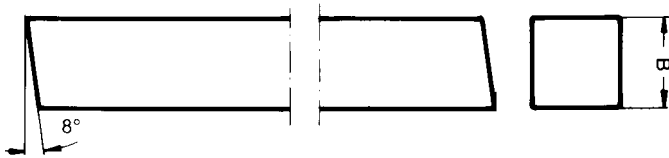
TOOLBITS 8% COB



TOOLBITS	RUND	FORM A
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TOOLBITS DIAMETER	TOTAL LENGDE	FORM A 354xx
Ø 4	100	#
Ø 5	100	#
Ø 6	100	#
Ø 8	100	#

TOOLBITS DIAMETER	TOTAL LENGDE	FORM A 354xx
Ø 10	100	#
Ø 12	100	#
Ø 16	200	#
Ø 20	200	#



TOOLBITS	FIRKANT	FORM B
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TOOLBITS FIRKANT	TOTAL LENGDE	FORM B 354xx
6 * 6	100	#
8 * 8	100	#
10 * 10	100	#

TOOLBITS FIRKANT	TOTAL LENGDE	FORM B 354xx
12 * 12	100	#
16 * 16	200	#
20 * 20	200	#

**TOOLBITS STIKKSTÅL ER TILGJØRNLIG I MANGE VARIANTER
FRA FLERE PRODUSENTER, SPØRR OSS !**