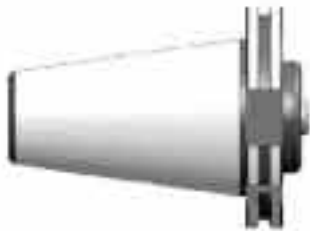
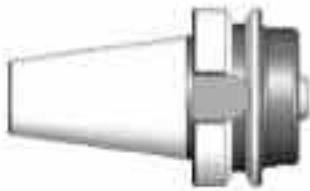


MODULAR BORING BARS

MASTER HOLDERS



Refer page 1

INTERMEDIATE ADAPTORS



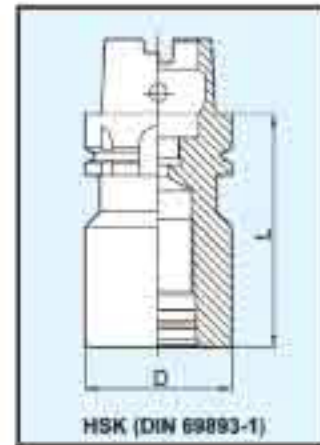
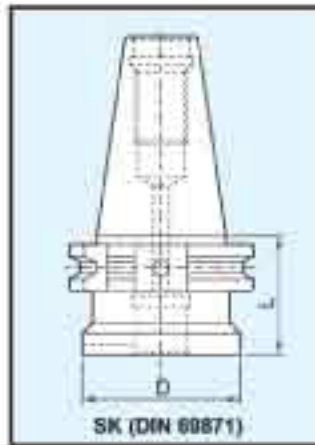
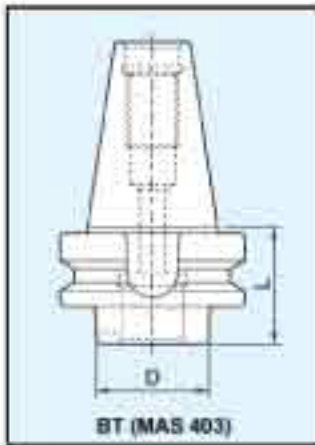
Refer page 8

BORING BARS



Refer page 2 - 7

MASTER HOLDERS For Boring Bars

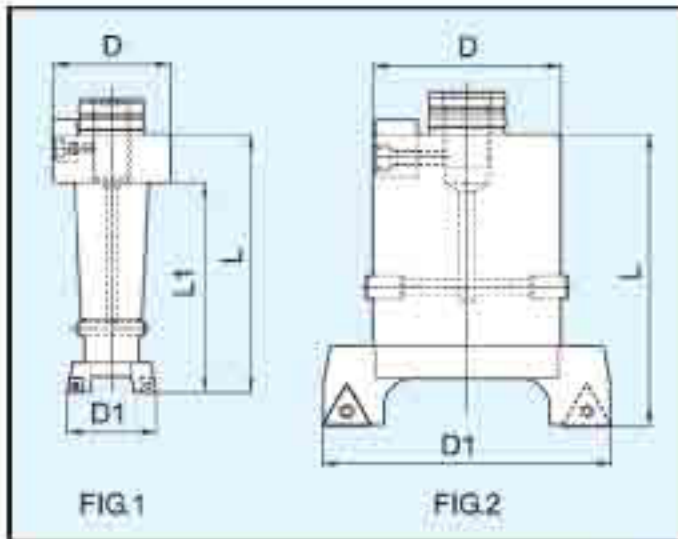


	Taper	Part No.	D	L	Approx. Wt. in Kg.
BT (MAS403)	30	FT BT30 MOD 50 050	50	50	0.7
	40	FT BT40 MOD 50 040	50	40	1.1
		FT BT40 MOD 50 060	50	60	1.2
		FT BT40 MOD 63 050	63	50	1.3
		FT BT40 MOD 80 080	80	60	1.5
	50	FT BT50 MOD 50 040	50	40	3.5
		FT BT50 MOD 63 040	63	40	3.5
		FT BT50 MOD 63 050	63	50	3.5
		FT BT50 MOD 80 040	80	40	3.5
FT BT50 MOD 80 050		80	50	3.6	
SK (DIN69871)	40	FT SK40 MOD 50 027	50	27	0.9
		FT SK40 MOD 63 050	63	50	1.4
	45	FT SK45 MOD 50 027	50	27	1.6
		FT SK45 MOD 63 027	63	27	1.7
	50	FT SK50 MOD 50 027	50	27	2.6
		FT SK50 MOD 63 027	63	27	2.7
		FT SK50 MOD 63 050	63	50	2.7
		FT SK50 MOD 80 027	80	27	2.8
		FT SK50 MOD 80 050	80	50	2.9
HSK (DIN69893)	63	HSK A63 MOD 50 90	50	90	1.5
		HSK A63 MOD 63 100	63	100	2.1
		HSK A63 MOD 80 100	80	100	2.6
	100	HSK A100 MOD 50 100	50	100	2.9
		HSK A100 MOD 63 110	63	110	3.7
		HSK A100 MOD 80 110	80	110	4.9

BORING BARS

i For Pull Studs refer [Main Tool Holder Catalogue](#)
 For Coolant Tube refer [Main Tool Holder Catalogue](#)

MODULAR TWIN EDGE Rough Boring Bars



Boring Range-D1	Boring Bar Part No.	D	L	L1	Insert Holder Part No.	Insert Type Recommended	Fig. No.	Approx. Wt. in Kgs.
25 - 32	MOD 50 D 25 - 32 L 90	50	90	70	IH D 25 - 32 CC 06	CCMT 06 02 08	1	0.7
30 - 38	MOD 50 D 30 - 38 L 110	50	110	90	IH D 30 - 38 CC 06	CCMT 06 02 08	1	0.7
37 - 47	MOD 50 D 37 - 47 L 110	50	110	80	IH D 37 - 47 TC 11	TCMT 11 02 08	1	0.9
46 - 56	MOD 50 D 46 - 56 L 110	50	110	90	IH D 46 - 56 TC 16	TCMT 16 T3 08	1	1.2
55 - 70	MOD 50 D 55 - 70 L 85	50	85	-	IH D 55 - 70 TC 16	TCMT 16 T3 08	2	1.1
69 - 85	MOD 63 D 69 - 101 L 90	63	90	-	IH D 69 - 85 TC 16	TCMT 16 T3 08	2	1.9
83 - 101	MOD 63 D 69 - 101 L 90	63	90	-	IH D 63 - 101 TC 16	TCMT 16 T3 08	2	2.0
83 - 101	MOD 63 D 69 - 101 L 90	63	90	-	IH D 83 - 101 TC 22	TCMT 22 04 08	2	2.0
99 - 126	MOD 80 D 99 - 150 L 125	80	125	-	IH D 99 - 126 TC 16	TCMT 16 T3 08	2	4.2
99 - 126	MOD 80 D 99 - 150 L 125	80	125	-	IH D 99 - 126 TC 22	TCMT 22 04 08	2	4.2
123 - 150	MOD 80 D 99 - 150 L 125	80	125	-	IH D 123 - 150 TC 16	TCMT 16 T3 08	2	4.2
123 - 150	MOD 80 D 99 - 150 L 125	80	125	-	IH D 123 - 150 TC 22	TCMT 22 04 08	2	4.2
148 - 190	MOD 80 D 148 - 270 L 125	80	125	-	IH D 148 - 190 TC 16	TCMT 16 T3 08	2	6.6
148 - 190	MOD 80 D 148 - 270 L 125	80	125	-	IH D 148 - 190 TC 22	TCMT 22 04 08	2	6.6
188 - 230	MOD 80 D 148 - 270 L 125	80	125	-	IH D 188 - 230 TC 16	TCMT 16 T3 08	2	7.1
188 - 230	MOD 80 D 148 - 270 L 125	80	125	-	IH D 188 - 230 TC 22	TCMT 22 04 08	2	7.1
228 - 270	MOD 80 D 148 - 270 L 125	80	125	-	IH D 228 - 270 TC 16	TCMT 16 T3 08	2	7.7
228 - 270	MOD 80 D 148 - 270 L 125	80	125	-	IH D 228 - 270 TC 22	TCMT 22 04 08	2	7.7

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Please order 2 Insert Holders along with every Boring Bar.

For e.g. | MOD 50 D 30-38 L 110 - 1 no.

IH D 30-38 CC 06 - 2 nos.

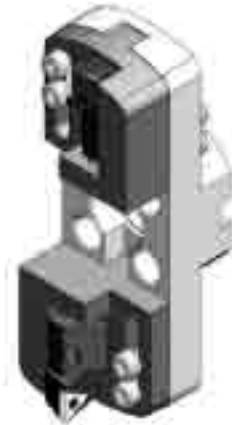
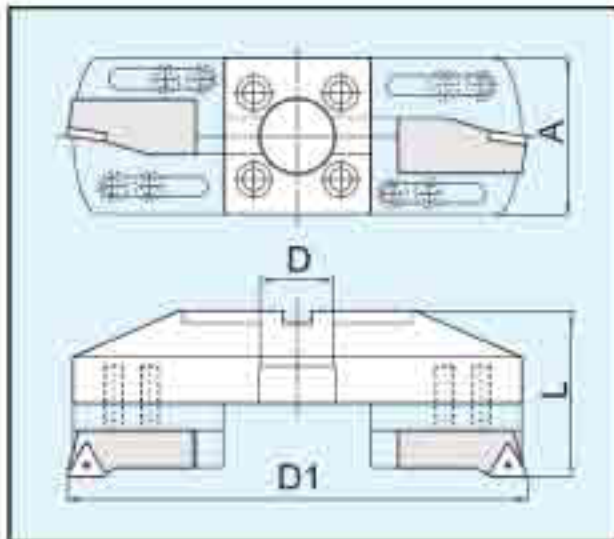
For Master Holders - refer page

1

For Extension, Reduction, Expansion Holders - refer page

8

ADJUSTABLE HEAVY DUTY Rough Boring Bars



Boring Range - D1	Boring Bar Part No.	D	L	A	Enter-ing Angle	Slide Part No.	Cartridge Part No.	Insert Type	Appr. Wt. Kgs
250 - 300	FMH 40 HDRBB 250-300 L 90	40	90	85	90°	CH RBB D 250-300	PTGNL 20CA 22	TNMG 22 04 08	4.2
					75°			PSRNL 20CA 15	
300 - 350	FMH 40 HDRBB 300-350 L 90	40	90	85	90°	CH RBB D 300-350	PTGNL 20CA 22	TNMG 22 04 08	4.5
					75°			PSRNL 20CA 15	
350 - 400	FMH 40 HDRBB 350-400 L 90	40	90	85	90°	CH RBB D 350-400	PTGNL 20CA 22	TNMG 22 04 08	4.9
					75°			PSRNL 20CA 15	

BORING BARS

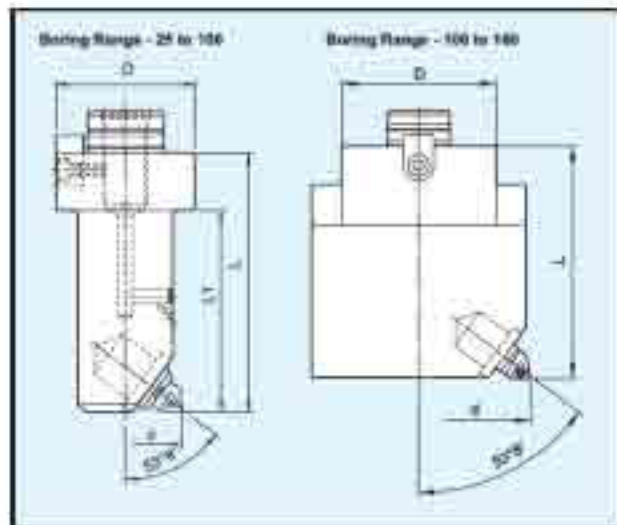
NOTE: Please use Dia 40 Face Mill Arbors - Flange Type for mounting.

i

Ordering Example:
 FMH 40 HDRBB 250 - 300 L 090 - 1 no.
 CH RBB D 250 - 300 - 2 nos.

For Face Mill Arbors - refer [Main Tool Holder Catalogue](#)

MODULAR FINISH BORING BARS L148C Style



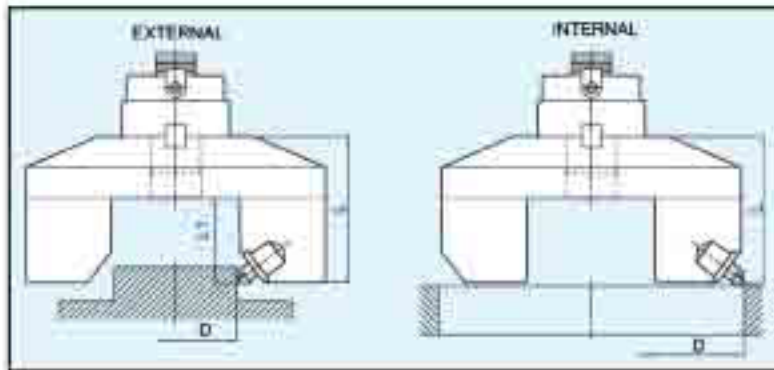
Boring Range - d	Boring Bar Part No.	D	L1	L	Cartridge as per Sandvik Coromant	Insert Type	Approx Wt in Kgs.
25-28	MOD 50 FBB 25 T10	50	80	110	L 148 C 31 06 T1	TCMT 06 T1	0.8
					L 148 C 31 06 02	CCMT 06 02	
28-31	MOD 50 FBB 28 T10	50	80	110	L 148 C 31 06 T1	TCMT 06 T1	0.8
					L 148 C 31 06 02	CCMT 06 02	
31-34	MOD 50 FBB 31 120	50	90	120	L 148 C 31 06 T1	TCMT 06 T1	0.8
					L 148 C 31 06 02	CCMT 06 02	
34-39	MOD 50 FBB 34 120	50	90	120	L 148 C 32 09 02	TCMT 09 02 04	1.0
39-44	MOD 50 FBB 39 120	50	90	120	L 148 C 32 09 02	TCMT 09 02 04	1.1
44-52	MOD 50 FBB 44 120	50	90	120	L 148 C 33 11 02	TCMT 11 02 04	1.3
52-60	MOD 50 FBB 52 100	50	-	100	L 148 C 33 11 02	TCMT 11 02 04	1.3
60-68	MOD 50 FBB 60 100	50	-	100	L 148 C 33 11 02	TCMT 11 02 04	1.9
68-76	MOD 63 FBB 68 100	63	-	100	L 148 C 33 11 02	TCMT 11 02 04	2.4
76-84	MOD 63 FBB 76 100	63	-	100	L 148 C 33 11 02	TCMT 11 02 04	2.7
84-92	MOD 80 FBB 84 100	80	-	100	L 148 C 33 11 02	TCMT 11 02 04	3.8
92-100	MOD 80 FBB 92 100	80	-	100	L 148 C 33 11 02	TCMT 11 02 04	4.0
100-115	MOD 80 FBB 100 100	80	-	100	L 148 C 33 11 02	TCMT 11 02 04	2.6
115-130	MOD 80 FBB 115 100	80	-	100	L 148 C 33 11 02	TCMT 11 02 04	2.9
130-145	MOD 80 FBB 130 100	80	-	100	L 148 C 33 11 02	TCMT 11 02 04	3.2
145-180	MOD 80 FBB 145 100	80	-	100	L 148 C 33 11 02	TCMT 11 02 04	3.9

Note: Fine Boring cartridge as per Sandvik Coromant specifications and to be ordered separately

i For Master Holders - refer page **1**

For Extension, Reduction, Expansion Holders - refer page **8**

ADJUSTABLE HEAVY DUTY Finish Boring Bars



Boring Range - D	OD Turning Range - D	Boring Bar Part No.	L1	L	Slide Part No.	Cartridge Part No.	Appr Wt. in Kgs.
150-175	40-65	MOO 80 HD FBB 150-175 L 135	65	135	CH FBB ID 150-175	L 148C 33 fl 02	3.5
175-200	65-90	MOO 80 HD FBB 175-200 L 135	65	135	CH FBB ID 175-200	L 148C 33 fl 02	4.5
200-225	80-115	MOO 80 HD FBB 200-225 L 135	65	135	CH FBB ID 200-225	L 148C 33 fl 02	4.6
225-250	75-100	FMH 40 HD FBB 225-250 L 120	70	120	CH FBB ID 225-250	L 148C 33 fl 02	5.4
250-275	100-125	FMH 40 HD FBB 250-275 L 120	70	120	CH FBB ID 250-275	L 148C 33 fl 02	5.5
275-300	125-150	FMH 40 HD FBB 275-300 L 120	70	120	CH FBB ID 275-300	L 148C 33 fl 02	5.6
300-325	150-175	FMH 40 HD FBB 300-325 L 120	70	120	CH FBB ID 300-325	L 148C 33 fl 02	5.9
325-350	175-200	FMH 40 HD FBB 325-350 L 120	70	120	CH FBB ID 325-350	L 148C 33 fl 02	6.0

FINE BORING

Note: Fine Boring cartridge as per Sandvik Coromant specifications and to be ordered separately



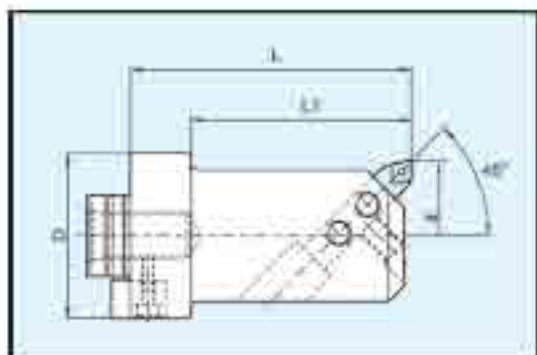
Balancing Dummy Adaptors can be provided on request

Master Holders, refer page [1](#)

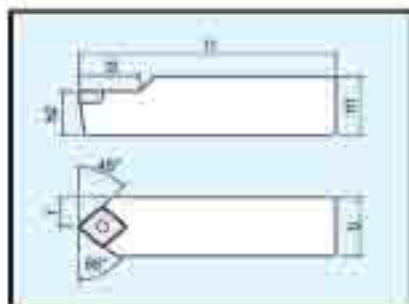
Extension, Reduction, Expansion Holders - refer page [8](#)

Face Mill Arbors - refer [Main Tool Holder Catalogue](#)

SINGLE EDGE Rough Boring Bars



BORING BARS	Part No.	Range d	D	L1	L	Square Tool (cartridge)	Appr Wt. in Kgs.
	MOD 50 BSA 25 95	25-38	50	75	95	SQ 08 08 30 CCMT06	0.6
	MOD 50 BSA 30 110	30-42	50	90	110	SQ 08 08 30 CCMT06	0.9
	MOD 50 BSA 38 135	38-52	50	115	135	SQ 10 10 40 CCMT06	1.1
	MOD 50 BSA 42 125	42-56	50	105	125	SQ 10 10 45 CCMT06	1.2
	MOD 50 BSA 50 125	50-65	50	105	125	SQ 12 12 50 CCMT06	1.4
	MOD 63 BSA 62-125	62-90	63	105	125	SQ 16 16 70 CCMT06	2.1

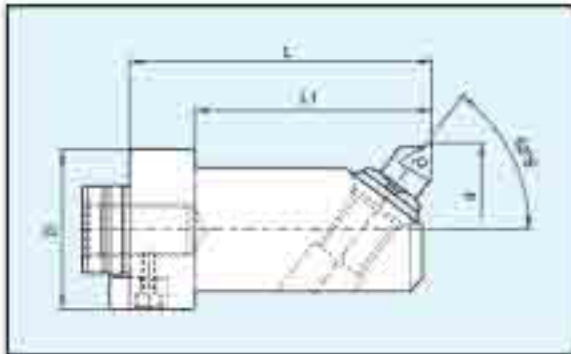


CARTRIDGES	Ordering Code	RANGE - BD	b	l1	l2	f1	h1	h2	Appr Wt. in Kgs.
	SQ 08 08 30 CCMT06	25-38	8	30	11	4.5	8	6	0.02
	SQ 10 10 40 CCMT06	38-52	10	40	11	5	10	7.5	0.03
	SQ 10 10 45 CCMT06	42-56	10	45	11	5	10	7.5	0.03
	SQ 12 12 50 CCMT06	50-65	12	50	16.5	6.5	12	9	0.05
	SQ 16 16 70 CCMT09	62-90	16	70	16.5	8	16	12	0.12
	SQ 16 16 80 CCMT09	72-110	16	80	16.5	8	16	12	0.14
	SQ 16 16 100 CCMT09	90-125	16	100	16.5	8	16	12	0.18



Boring cartridges to be ordered separately

FINISH BORING BARS Micro Bore Type



Part No.	Range d	D	L1	L	Microbore Unit (cartridge)	Appr Wt. In Kgs.
MOD 50 BCA 23 110	23-29	50	90	110	M3 B2 CCMT	0.6
MOD 50 BCA 29 130	29-39	50	110	130	M3 A2 CCMT	0.8
MOD 50 BCA 38 130	38-49	50	110	130	M5 B2 TCMT	1.1
MOD 50 BCA 46 130	46-66	50	110	130	M5 A2 TCMT	1.5
MOD 63 BCA 62 115	62-87	63	95	115	M7 A2 TCMT	2.3
MOD 80 BCA 83 110	83-108	80	85	110	M7 A2 TCMT	3.1
MOD 80 BCA 98 115	98-142	80	85	115	M7 A2 TCMT	3.3

BORING BARS

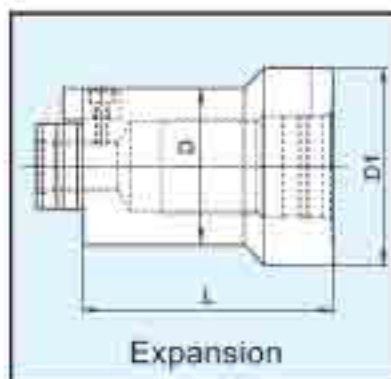
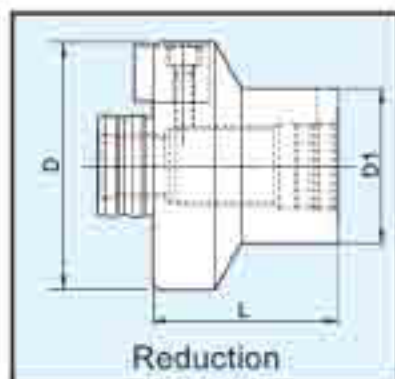
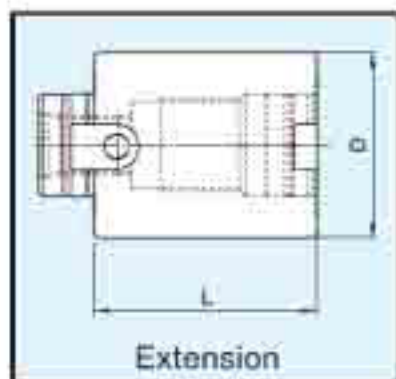


Ordering Code	RANGE - ØD
M3 B2 CCMT 06	23-29
M3 A2 CCMT 06	29-39
M5 B2 TCMT 11	38-49
M5 A2 TCMT 11	46-66
M7 A2 TCMT 11	62-87
M7 A2 TCMT 16	62-87
M7 A2 TCMT 11	83-108
M7 A2 TCMT 16	83-108
M7 A2 TCMT 11	98-142
M7 A2 TCMT 16	98-142

CARTRIDGES

i Fine Boring cartridges to be ordered separately

EXTENSIONS, REDUCTIONS & EXPANSION ARBORS



SPRING BARS	Modular Coupling	Part No.	D	D1	L	Approx. Wt. in Kg.	
	Extension	MOD 50	MOD 50 EXT 50 060	50	-	60	0.8
			MOD 50 EXT 50 080	50	-	80	1.0
			MOD 50 EXT 50 100	50	-	100	1.3
		MOD 63	MOD 63 EXT 63 080	63	-	80	1.6
			MOD 63 EXT 63 100	63	-	100	2.1
			MOD 63 EXT 63 120	63	-	120	2.7
		MOD 80	MOD 80 EXT 80 080	80	-	80	2.8
			MOD 80 EXT 80 100	80	-	100	3.4
			MOD 80 EXT 80 120	80	-	120	4.2
MOD 80 EXT 80 140	80		-	140	4.8		
MOD 80 EXT 80 160	80		-	160	6.3		
Reduction	MOD 63	MOD 63 RED 50 060	63	50	60	0.9	
	MOD 80	MOD 80 RED 50 060	80	63	80	1.6	
		MOD 80 RED 63 080	80	63	80	2.0	
Expansion	MOD 50	MOD 50 EXP 63 080	50	63	80	1.3	
	MOD 63	MOD 63 EXP 80 080	63	80	80	2.0	

CUSTOM BUILT Tools

