

REF	CODES (A for single columns) NAME	B Mfr	C TYPE	D CY	E -DATES-	F Matl	G THREAD	H BS-	G THR'D	DP	I Parts	Pitch	dST	dBS	DAXL	J NB	F MF	K A/F	DHD	REF	L plus some A-J COMMENTS	
1OT 1TO	100 IN ONE TOY, The 100 TOYS IN ONE		LG MB	US US	16 c? 30 s?	F Fw		- p	----	--	7 15	19 8.7	* 4.7 3	---	---	t					1OT 1TO	Strips & DAS have cutouts inside edges between holes; joined by bifurcated Clips & N&B. Whl Disc embossed w 8 spokes, or 4 ea sm/lg holes. *Scaled from 7h Strip; 1" from 3h Strip. Name on a card to which a Louis Marx 'Match Box' set is clipped. A boy & a girl are shown on the card on either side of the set.
AAR ABR AQA ATM	AAR ABRA ACQUAVIVA AÉRO TECHNIQUE MACREZ		OO TR OO AS	AS ? DE	30 s? --- 80 s						45*	7.85	3.6		t	HC					AAR ABR AQA ATM	Ref: <i>Baukästen</i> p328. No details. Like TRIX but wider range of parts, some of which are as TEKNO [1] & TEKNIK [1]. Chair-O-Planes on manual cover. * May be more, 60 have been mentioned. Name only. PÈRE NOËL in MCS. Also known as AÉRO MACREZ NOËL, A- TECHNIQUE, A- TECK NIQUE (error). Some coloured plastic parts in some sets. Ready made, & sets for specific, models may exist.
AJT AJU AKN	AJET AJUSTO AKRON *		AS RT SH	UK FR GE	50 l? 33 k*- W2 a -	F Fw e	4BA ----	- -	----	--	28 20 12	12.7 x -- 5.0	4.0 m -- 3			HR * 2	FB -- e	8.0 -- --	6.2 m -- --	AJT AJU AKN	Development of DAN DARE, with no A/Gs but some new parts to make a range of jet aircraft. Wooden rods made from semi-circular Rods (6mm rad.) held together, & joined one to another, by steel Clips. *Also patent date. *Wheels run on the ends of 2 Clips, 1 at each side. *STAHL-LEICHTBAU-KASTEN AKRON. Flex Strips w spiral spring fixing. Strips 3h wide: pattern is 3h, 3x1h w large semi-circular cutouts ea side, 3h, etc. * 2½-3 estimated.	
ACN ALE	ALCON * ALEMANI		RT OO	UK IT	49 --- 52 a	wA	----	-	----	--	9	---	---	2.3	---	--	--	---	---	---	ACN ALE	Coloured match splints (to be cut to length) push into flimsy formed sheet aluminium Unions to make frameworks. Name not used in original ads by Balfour Supplies Ltd. Name only.
AMP ALF1 ALF2	ALLWRIGHTS MECHANICAL PROD* ALPHA [1] ALPHA [2]		SH CH SH	UK CN GE	W2 b? 54 a* 31 --- 33 a*	A F Fp	6BA 5/32W M4	p - d	----	--	10 53 79	9.5 12.7 12.0	* 3.1 4.3 4.1	---	2.7 *t	HC	FN	4.9 6.5 6.8	4.8 6.8	AMP ALF1 ALF2	PRODUCTIONS. Unit sets with parts identical to CONSTRUCT but smaller range. Axle & N&B data from CONSTRUCT. * 3/8" exactly. * Crank Handle, no Axles. Parts like 50's MECCANO except Flgd Sector Plate 7h long, 7h 126.a & MÄRKLIN type Hook. *Some manual models from MECCANO 1954-61 period. Unusual parts inc Bakelite Road/Ply Whls, Helical Gear. * c1970 possible. * Mod 1.5; also small-tooth Gears, DP 39e (Mod .65). * 11.5 also reported. * R also shown.	
ACO ACS	ALUMINIUM CON* OUTFIT ALUMINUM CON* SET		MP MP	UK US	45 a - 50 s?	s? A A	4BA	* e	----	--	23 8	12.7 12.7	3.9 4.1	4.1 ---	3.2 *p	HC * p	FF * --	8.0 --	6.2	ACO ACS	CONSTRUCTION. Strips not square ended as shown. ELGIN parts same. *Std 6BA N&B also known. *Crank Handle only. *Sq Nuts on box. *Nuts BB, not F as in Parts List. CONSTRUCTION. Quite similar to GIRDER BILT & by same maker. Also similarities to JUNIOR MECHANIC, made in same town. All have Strips wrongly shown with square ends.	
AMB AMI0 AMI	AMERICAN MODEL BUILDER AMI AMI LAC		ML MM MM	US IT IT	12 --- 30 e-- 22 *-	21 55 11 +	F F F	8-32 5/32W	s s	6-32 5/32W	30 38	74 470	12.7 12.7 12.7	4.2 4.1 4.1	4.1 m 4.0	4.0 3.9	SC * HT	FB * FB	6.5 8.1	6.5 * 6.9	AMB AMI0 AMI	Ridged & flat Plates. cf CASTLE BUILDER. Spanish version EL CONSTRUCTOR DE MODELOS MECÁNICOS. *- * Also 7.1-7.5mm R head. * Also brass, & nickel plated. Many parts like MECCANO & MÄRKLIN. AMI, the maker, was taken over in 1955 and became AMILAC. Data probably as AMILAC except not as many parts, but needs confirming. Many parts like MECCANO & MÄRKLIN, but some others. * Said to have produced sets for short period starting 1922/23, & restarted 1956 after take-over of firm AMI which made AMI sets.
ANC AND	ANCHOR ENGINEER ANDERS		RI RT NM	UK GE	14 --- 45 ---	28 c 50	F L	----	o	----	--	20a 25a	---	1.7 * Var *	3.6 3.5	3.5 --	--	--	---	---	ANC AND	UK name for IMPERATOR. Strips clip into Hubs. Called LITTLE ANCHOR ENGINEER & ANCHOR ENGINEERING in 1914/22 G&T ads. Axle has flat. *In Hub. Specialised parts, mostly red, blue & gold, with few holes to make small range of models - Cranes, etc. Gnom & Gigant outfits. * To suit models.
ANK1 ANK2 AKR APN	ANKER [1] ANKER [2] ANKER-METALL, -INGENIEUR APENES		SH RI RT OO	GD GE GE	56 k ---	* L e	Lp ? M3				47	12 12.5	e e			HC					ANK1 ANK2 AKR APN	Small selection of normal parts, inc 5h Trunnions, but also 6 Gears inc a Bevel. * Wrongly said to have been made in Germany during WW2 & marketed in Japan. Lid has name & oblong made of Strips. Parts inc Plates & Strips which look black in snip. Also 5h Ø Plate & small Pulley. Alternative names for IMPERATOR q.v. cf ANCHOR ENGINEER. Dates from IMPERATOR. Name only.
ATR ARK AMA AMT	ARCHITECTOR ARKIRECTO ARMA ARMATURE		BD BD OO RT	FR UK CZ FR	29 k* 34 --- 55 30 c?	qF F w?	----	-	----	--	15 82	? 12.7 x	---	---	---	--	--	--	---	---	ATR ARK AMA AMT	Card Panels, metal Brackets, Paper Clips, cf BUILD0 [2]. * 1927 patent. Sets: mechanical, architectural & combined. Parts push/clip together; Collet fixed Wheels. Most parts stamped ARKIRECTO. * for Collet. ** 3.25; 2.6 also reported. No other details. Rods push or screw into Joints.
ARM A M A-M ATL	ARMEC ARQUITECTURA METALING ARTE-MECCANICA ARTIMÉTAL		AR BD MP OO	AR SP IT FR	45 --- 30 s 50 c	55 F M4					--	60 27 52	12.7 -- 12.7	4.2 -- e	4.0	SR * H					ARM A M A-M ATL	Poor quality parts inc 3*3.5, 9, 11h Flgd Plates & 2*1*11h 'L' Girder. May be related to EL EXPERTO MECANICO. * Other heads may exist. Appears to be identical to WENEBRIK. Unusual parts: 4h wide Perf Plates with slots along on outer, & across on inner rows; flat topped Trunnions; Face Plate with 4 long radial slots. * Mod .75. Name only.
ART1 ART3	ARTS ET MÉTIERS Série 1 ARTS ET MÉTIERS Série 3		WA ST WA NM	FR FR	10 c-- 14	F Fw	5/32W	o	----	--	148 47*	12.5 10.2 m	4.2 m 2.8	4.1	---	t	HC H -				ART1 ART3	STABIL sold under this name in France. Details taken from early 1920's STABIL parts & MCS entry. WALTHER'S INGENIEUR sold under this name in France, originally called INGÉNIEUR WALTHER. Série 2 was Walther's RECORD, a wooden system. *Inc 16 wooden.
ARW ASS	ARWILL ASSEMBLO		MP DK	UK FR	W2 a 30 --- 65	c c*	F F	4BA ----	- o	----	--	13 58	12.7 *	3.9 ---	---	t	HR * --	FF --	8.0 --	6.1 --	ARW ASS	Main parts: 4,8,12h Strips; 4*8h Flgd Plate; 3*7h Perf Plate; 2h wide Flat Trunnion; 2*4*2h DAS; 2*2h A/B; 1" Disc. * Also square Nuts, same size; HC in manual. 1" DINKY BUILDER-type system but more, lg pts. ASSEMBLO cast into Whl parts; a few pts stamped ASSEMBLO Bte SGDG. *Poss pre/postwar periods. *Hole only in centre of 'braced' Pl.
AKI AAB A-T A-R	AUKI AUKRI AUSTRALIAN MODEL BUILDER AUTO-CONSTRUCTEUR * AUTO-CONSTRUCTOR		AK ST NM OO CR CR	GE FR AL NE GE	49 --- 60 s *	F Fw	5x.9	o p	----	--	14 a	12.5 * 50.0 * 5 *	---	t		10 *					AKI AAB A-T A-R	Some parts like STABIL. Lids have 2 boys playing with models on a table. *Scaled & could be ½". Models, parts similar to Gilbert New Wheel Toy but no Gears. * 30s or WW2a. * others possible. * in Formed Collar. * + Fixings. ** & others. * & 6mm. Ref: MCS, name only. Special parts to make cars. * Name on Dutch manual but German name AUTO-CONSTRUCTOR still on some illustrations. Sets with this manual still called AUTO-CONSTRUCTOR. Special parts to make cars & 'plane. Dutch man called AUTO-CONSTRUCTEUR. *Or earlier. ***Collar only, 3.2 bore also poss. *Steering Column; Back Axle, not seen, may be 2.8 or 3.2 Ø.
A-C	AUTO-CYCLE		RT	FR	20 k-- 30 e	A	3x.6	e	----	--	100+	Var	3.1 * 3.5 *	---	t	H *	BB	5.0	---	*	A-C	Many spec parts for (motor)cycles, 'planes, car, but other models inc a Crane. *AS+CR. *In various pts. *3.0 in 25mm Ply. **Hex Bolt may exist but only Nuts/Screwed Rods listed.
AGR ALB	AUTO GRAN PRIX AUTO LOCK BUILDER		BR CR OO	IT US	50 l?- 60 s?	FA Lw					20*	Var									AGR ALB	By makers of BRAL. Set to make one Ferrari with probably many special parts. * Only seen in poor illustration of Set. Mentioned as new US constructional toy with wood & metal parts, in G&T 5/15.
AUTa AUTb	AUTOMAT [a] AUTOMAT [b]		PR RT PR	SW* GE*	58 --- 60 m--	60 m + Ap	Fp Ap	M3.5 M3.5	* d * c *	M3.5 M3.5	* 34 * 34 *	358 440	12.7 x 12.7 x	4.1 4	4.0 * 4.0 *	HC HH*	BN 7.0	7.0 7.0			AUTa AUTb	Data for 1961. *GE > '65. * also M5,M8. * also M2.6 M5. * Mod .75. * also 2.5. Data for 1993. Frameworks fr sq alloy Tubes & other sections ald A/Gs. Also COMPACT gear demo units. *SW< '65. * & M6,M8,M10. *some d/t. *Mod .75. * & 6mm *slotted head Bolt.
AUN	AUTOMATION AUTOMAT SMP		PR	UK	90 k	Fp	M4				25 e	40*	15	4.5							AUN	VENTO (earlier name) in OSN. Parts only, no sets. Wheels etc probably push fit on axles. Parts must be cut to length. * Inc 4 long plastic Plates & Strips. Name used in MCS. See AUTOMAT - SMP stocked their products.
AMR	AUTO-MONTEUR		CR NM	GE																	AMR	Only Set 51 for a Lorry seen (on Ebay), with red & blue special parts, perhaps joined by bending tabs over.
AVI AVO AVC	AVIADYP AVIONOTO AVIONS-CONSTRUCTION		JP AS AS CR	FR FR FR	40 l?- 50 s 39	A	M2.5 4X.75	p -	----	--	50* 34 18	---	2.6 * Var 4.2 a	---	---	RH HR	FN * AA	4.5 * 7.0	5.0 * 7.1	AVI AVO AVC	Several phases w parts joined by some N&B but most clip or slide into each other. *Most likely. *Approx in each phase w some common to all. *Some larger. *Nut brass. **Typical. Special parts for Planes & Cars. Basic system with parts similar to MÉCAVION but aluminium.	
AWS	A.W.S.		SH	GE	45 --- 48	A	M4	s	M4	--	23	12.0	4.2	4.1	3.9	HT	AA	8.1	7.0	AWS	Parts include some unusual shaped Plates for certain models.	
BAN	BANGAROO		OO	GE																	BAN	No details. Ref: OSN 9/235 & 18/522.

REF	CODES (A for single columns) NAME	B Mfr	C TYPE	D CY	E -DATES-	F Matl	G THREAD	H BS-	G THR'D	DP	I Parts	Pitch	dST	dBS	DAXL	J NB	F MF	K A/F	DHD	REF	L plus some A-J COMMENTS
B Z	BARUM CHEZ		OO																	B Z	This name or similar seen in Canada, & might possibly be repackaged MERKUR.
BAT	BATIFIX		BX	FR		F	3.5x.8	-	----	--	10a	13.0	* 3.6	* ---	--	HT	FB	6.4	6.4	BAT	Probably BAUFIX for French market. Parts seen .5 thick. * 10/11 for large/small holes in Disc. * Small holes in Disc, 2.4.
BBS	BATTLEBOTS *		NM	US	01 *	Fp	2.3x.4;M3	-	----	--	39*	VAR	2.4*	3.2*	* ---	Hb	FN	4.9*	3.8*	BBS	1 of 4 sets for TV models seen. Prob few common parts. *2 nd name METAL MECHANICS. *© date; on sale in UK '04. *In Ronin set. *& larger for stub axles. *typical. *M3: 5.4; 5.1.
B S	BAUE SELBST...		OO	GE	30 s															B S	Special parts for Cranes. No other details.
BFX	BAUFIX		BX	GE	32 --- 36 k	F	3.5x.8	p -	----	--	15a	13.0	* 3.7	* ---	--	t	HC*		6.5	BFX	Strip holes extend out to alternate sides. Pts prob as BATIFIX, CREME ECLIPSE, SIMPLEX, but 2 thicknesses seen. *10/11 in lg/sm Disc holes. *Mean; sm Disc holes 2.4. *& R?
B-K	BAU-KASTEN		SH ?	GE		Fp					12	?								B-K	Black 5-11h Strips with large-radius ends, 5*11h Flgd Plate, 6h Wheel Discs, Tyres. Silver Loose Pulleys. Lid yellow with black Lorry & Trailer.
B R	BAUKERL ROBO		RT	GE	50 s	Fw	----	-	M4	* --	12	25	a 4.1*	4.2	4.0	--	--			B R	Wooden Blocks w Rods joined by J Clamps. Also called ROBO. Looks very like EL INGENIERO MECANICO. * Grub Screw In J Clamp. * In Blocks.
BAU	BAUSPIELE		DY	GE	31 --- 60 s	wF	1/8x	-	----	--	* 15	* 4	4	4	4	SR				BAU	A book called Bauspiele on how to make plywood & tinplate parts, & models from them. * As needed. * Also others.
BAY	BAYOT		MP	BE		A					22	e								BAY	3 Braced Girders, a Plate, Pulley, spoon-ended Strips, & small parts. But perhaps others.
BBC	B.B.C.		OO	US																BBC	Name only.
BBM	B.B.M.		OO																	BBM	Name only.
BVR	BEAVER		UK	UK	50 s-- 60 s	F	4BA	s *	4BA	38 p	37p	12.7	4.3	4.2	4.1	SR	FB	8.0	7.2	BVR	Probably related to KONSTRUKTA. * Bush Wheel & Collar d/t, dia 5/16".
BEL	BELMONT		MP	UK		F	4BA	? -	----	--	13p	12.7	3.9	---	--	t	S ?		6.2 ?	BEL	Parts similar but some not identical to ARWILL, & 1*6*1 DAS instead of 2*4*2h. Models completely different.
BEN	BENCO		SH	GE	49 --- 60 s?	Lp		o	----	10 p	77	12.5	4.2		t	HT		7		BEN	Some slightly unusual parts, & large tooth Gears inc combined Gear/Bevel. Includes DIY plastic plates from sheets supplied in 4 colours, & Tool to make holes.
BEG	BERGLAND		LG	GE	45 c-- 50 c	L					18*	15	e			H				BEG	Nr.1 models show Strips, Flgd Plates (inc 7h Flgd Sector Plate), Pulleys. Manual cover has mountain scene with lake & fir trees. *Used in Nr.1 models.
BER	BERGSTADT		LG	GE	60 s?	AF	M4	s *	M4	25 *		14.0	4.2*	4.1	4.0	HR*	AA*	8.0	7.3	BER	Many all parts at first but later most structural parts & some others steel, nickelled or painted. * Most Gears d/t. * Mod 1. **Nuts BB or FF; Long Bolts FF w 6.9 RH or CH.
BES	BESI		ES	GE																BES	Parts to construct simple Electric Motor mounted on a light brown baseplate.
BBT	BETTABILT		ML	AL																BBT	A name mentioned on the HANDY SET model sheet, but could it be a mistake for BETTAFIT?
BET	BETTAFIT (sometimes BETTA-FIT)		ML	AL	W2 a?	F	5/32W	* s	5/32W	--	34	12.7	4.3	4.4	m 4.1	HC				BET	Parts inc M52 w 1 slot, 9h M54, 15h Str, 5h Trunnions w 45° side slots, 2" Ply, White Rim Whl (dble sided, flat centre), & Radiator Plates. *But 1/8W (RH & hex Nuts) found w parts.
B-J	BIG-JOY		TR	AL	33 k	F		-	----	--	12	7.8	? 3.6 ?	---	--	t	HT			B-J	Generally TRIX-like but nickel or chrome parts, & poor quality. Pulley Disc has no holes & a Rubber Ring fits a made-up pulley. Card Windmill Blade.
BDK	BILD-A-KIT		ML	AL	W2 ap	L	5/32		5/32	p	37	12.7	p 4			HC				BDK	Known from a model leaflet showing MECCANO models, & a manual with original models. Parts includes cast, 6-spoked Wheels. It may be the correct name for BUILD-A-KIT.
BDL	BILDAL		NM	US	28 *- 32 c	F	----	o	6-32	* --	15	---	3.7*	3.6	3.4	-R*				BDL	Strips with forked ends spring into Angles. Wheels but no Pulleys. * Reputed date of Xmas ad, 1929 for sure. *- * Only Screw is in U Collar. * A few 3.5, & in Angle.
BDA	BILD-A-SET		LG	US	43 c-- 46 a	q	----	-	----	--	37	38.1*	4.2	---	4.4	--	--			BDA	Cardboard parts held together by push-fit Pegs & Rods. *1½", also 3", 1", ¾", & others.
BDI1	BILDICO [1]		RT	UK	13 c--	F	1/8W	s	1/8W	--	29	Var	3.2	3.0	2.9	SC	FB	6.3	4.8	BDI1	Rods & Strips push fit into Clips which can bolt together. Strips have slightly crenellated edges. EREKTIT thought to be identical, & data fr EREKTIT parts.
BDI2a	BILDICO [2a]		UK	UK	53 --- 60 s?	F	5BA	d	5BA	* --	22	12.7*	3.8*	3.5	3.2	HR	FP	6.2	5.5	BDI2a	A set for M&S. Most parts like LYNX. Plates stamped MADE IN ENGLAND. * 4BA possible. * As seen, MCS 12.8, a 21h Strip was 12.6. * Also seen, Strips, Brks 4.2.
BDI2b	BILDICO [2b]		UK	UK	54 p--	F	5BA	d	5BA	--	21*	12.7	4.2*	4	3.3	HR	FP			BDI2b	Model Leaflet like LYNX. Parts like BILDICO [2a] above but holes larger. * In No.1 set. * Possibly holes were smaller at some stage.
B K	BILD KRAFT		HU OO	US	28 k	L														B K	Said to be at least 2 sets similar to ERECTOR selling at \$1 & \$2.50. Is this HUSTLER BILDKRAFT?
BLO	BILDO		BM MP	UK	20 --- 23	L	----				10+					-	*			BLO	Probably flat Clips instead of N&B. They went through holes & then the head & tail bent over to give a U. Holes may be star shaped. * Possibly Set Screws.
BRJ	BILD-R-JIG		DY	US		wA	6-32	-	----	--	6	---	3.9	---	---	HR	FF			BRJ	Tool to punch holes in ¾" wide wood Strip, & in aluminium Strip to make brackets.
BIL	BILL DEEZY		RT	US	13 ---															BIL	Said to be Rods, bent or cut to length, with flexible Joints to connect them at any angle.
BEZ	BILT-E-Z		BD	US	23 --- 29 *	F	----	-	----	--	25	---	---	---	---	--	--			BEZ	Vertical panels slide into floor/ceiling squares. No wheels or pulleys. * 1921-25 also reported.
BLT1	BILT-E-ZE [1]		UK	UK	47 c?	F	4BA	* d	4BA	--	29	12.7	3.9	4.0	3.7*	Sr	FK	8.1	6.7	BLT1	Based on #4 set w 11*5h Plate w only edge holes. Most pts sim VOGUE inc Strips w 45° corners. *3/32W also known: SR FF 6.3 4.8. * Also ¼" Ø, w Whls & Flat Trun to suit.
BLT2	BILT-E-ZE [2]		UK	UK		F	4BA	s	4BA	--	29	12.7	4.2	m 4.2	4.0	HR	FD	8.0	6.2	BLT2	Similar to BLT1 but larger holes. Also a 11*5h Flgd Plate with no centre 5 holes & BILT-E-ZE stamped there - it replaces the 5*11h Flat Plate in BLT1.
B C	BING'S CONSTRUCTOR		RT	GE	13 --- 17															B C	Name in US (& other?) markets for STRUCTATOR q.v.
BOB1	BOB [1]		RT	UK	46 c-- 49	FA	M3	d	M3	--	46	12.7 x	3.1	3.1	3.0	- C*	BB*	---	4.9	BOB1	Steel Rods, aluminium Pulleys & Plates. Joints marked PATENT & G.Ni.K. Much like BOB2 & BOB3 except plating. ** In Joint; in boss: RBB, DHD=5.6.
BOB2	BOB [2]		RT	FR	42 --- 52 *	FA	* 3.0x.6	d *	M4	* --	40a	Var	3.2	3.1	2.9*	- C*	AA*	---	4.9	BOB2	Joints marked BOB B.SCDG. * & 60l reported. * Wood Whls, card Plates in early sets. ** & s, 3x.6. * & 3.0 (steel). ** In Joints, & CFF 5.0; in boss: RFF, DHD=7.3, & RFF 5.5.
BOB3	BOB [3]		RT	SW	43 --- 50 e*	A	M3	s	M3	--	43	20.0 x	3.1	3.1	3.0	HC	FD	6.0	5.0	BOB3	Alloy Rods in sets. Joints marked BOB. Plates are different to BOB2 which in turn differ from BOB1. * 50l also reported.
BOB4	BOB [4]		RT p	GE	50 s	FAw														BOB4	Details from <i>Baukästen</i> but not sure if this is 'RT' type like BOB [1-3].
BCM	BOITES DE C* METALLIQUE/MET*C*	TE	ML	BE	80 s		M4		M4	38 p	70	12.7	4.2*	4.1	4.0	H				BCM	*CONSTRUCTION. *Bilingual METALEN CONSTRUCTIE. The illustrations of the parts are as those of SPIROU & TEMSI, so probably from same maker. * 4.1 also reported.
BOJ	BOJA		ML	GD?	W2 a															BOJ	A poor photo of a model leaflet for Set 3 on Ebay shows small models made of Strips & Wheel Discs. Ref: <i>Baukästen</i> p328, but no details.
BTN	BOOMTOWN		RT	US	46 ---															BTN	Name in MCS/FB & elsewhere for NOMA BOOMTOWN.
BSH	BOSCH		SH	GE	50 s	L					10	e								BSH	Black painted parts, inc A/Gs & a 5*5h Plate w edge & centre line holes.
BUY	BOY		TR	NE	50 e?	A	M4	-	----	---	22	8.25	4.0	---	t	SR	AA*	7	a	BUY	TRIX-like Strips & Discs, but original parts inc 3 sizes of Pulley Disc. Lid labels & manual covers have white on black photo of model. * FF for Bolt.
BOY	BOY CONSTRUCTOR*		SH	US	84 --- 87	A	----	-	----	--	49	2.3	1.5	m ---	1.2	--	--			BOY	Tiny parts assembled using Rivets or Rods with plastic push-fit Washers. Data from my parts, MCS differs. Followed by BRIAN BUILDER. * Also called BOY CONSTRUCTION.
BCY	BOYCOY		RT	UK	46 c--	F	4BA	-	----	--	30	---	---	6.5	6.4	HC	BB	6.3	6.3	BCY	1/4" Tubes joined by J Clips, with U Clips for Axles etc.
BCT	BOYCRAFT		MP	US	50 sp	A	4-40	-	----	--	9	12.7	3.5	---	t	HP	F			BCT	The main parts identical with GIRDER-BILT but no 6*4h 'Plate' in the one known set.
BRL	BRAL		BR MM	IT	20 e-- 04 a	F	5/32W	s	5/32W	38	194	12.7	4.2	m 4.1	4.0	SC	FN*	7.0	6.2	BRL	Parts often stamped BRAL. Also sold as MECCANICO & IL COSTRUTTORE BRAL/MECCANICO. * Earlier nuts FN; later ones Zl; & FB Bolts with T head, 6.0 DHD.
BRS	BRAL ASTRO/SPACESHIP		BR AS	IT	78 --- 88 k	Fp	5/32W	-	----	--	18*	12.7	4.2	m ---	---	SC	FB*	6.9	6.0	BRS	BRAL stamped on most metal parts. No Wheels/Pulleys. * Data apply to SPACESHIP (smaller than ASTRO). * Nuts are zinc unfinished.
BRE	BRAL ELETTRIO		BR ES	IT	70 k*- 83 k	Lp	5/32W	*		--	31	12.7	4.2			SC				BRE	Motors, bells, etc using mostly non standard parts. * Could be much earlier. * And smaller.
BRA	BRAL PRIMA VOLI/AEREI*		BR AS	IT	30 s-- 70 k	F	5/32W,M3	-	----	--	40	12.7 x	4.2	---	---	SC*	FK*	7.0*	5.9	BRA	Range of parts & models not dissimilar to comparable MECCANO set. * AEREO, COSTRUZIONI AERONAUTICHE. ****5/32W Nut: Zl; M3 Nut: hex, BB, 7.0 A/F.
BMN	BREMEN *		MP	GE		A														BMN	Plain aluminium Strips & Plates, maybe no Wheels. * HB - Spielzeug Bremen, a company name?
B B1	BRIAN BUILDER [1]		SH	US	89 c+	F	6-32					12.7 x	4.0		2.4	t				B B1	After BOY CONSTRUCTOR. 7.3mm wide Str w only end h. Card Whls. In 2005 MINIATURE BUILDER sets listed w 3.1 h at ½" pitch & 4-40 N&B. *Also called MICRO BUILDER *Crank Handle.
B B2	BRIAN BUILDER [2] *		SH	US	80 m+															B B2	Generic name of sets for various sized Airplanes, Zeps, Cars, & repro Gilbert MECCANO Ship. Some sets called BRIAN TOYS, BRIANNO, BRIAN AUTO BUILDER.
BCL	BRICOLO		RT	FR	30 s	F		b		--	28	---	---		4	H -				BCL	4mm straight & curved Tubes push into Socket Clips which are held together by Threaded Rod with Nuts on either side.
B-T	BRIK-TOR		GT BD	US	16 --- 21	F	8-32	-	----	--	49	12.7	2.8	---	2.7	SR	F			B-T	Pressed Bricks on vertical Rods. Includes Strips and Plates. No Wheels or Pulleys.
BMB	BRITISH MODEL BUILDER		MC TR	UK	32 --- 37	F	5/32W	-	----	--	16	6.35	4.1	---	t	SC	F			BMB	Alternative packaging of MECCANO X although finish of parts different.
BSL	BSL METALLBAUKASTEN		ST	GD	50 sp	Fp	M4	-	----	--	14 ?	43	12.5 ?	4	---	t	HC			BSL	Details from manual, where parts look like STABIL. The one, undesignated, set contains all the parts.

REF	CODES (A for single columns) NAME	B Mfr	C TYPE	D CY	E -DATES-	F Matl	G THREAD	H BS-	G THR'D	DP	I Parts	Pitch	dST	dBS	J DAXL	F NB	K MF A/F	DHD	REF	L plus some A-J COMMENTS			
BTB	BTB PENDULE ÉLECTRIQUE	ES	TR	FR	34 l-	38 b					33*	7.8			3.5				BTB	TRIX & special parts to make an electric pendulum Clock. * 8 standard TRIX + 25 special.			
B-G	BUCO BUCO-INGENIEUR, -ENGINEER*	LG		SW	43 c-	50 c	wF	5/32W	d	5/32W	--	41	17.5 *	4.1 *	4.1	4.0	HC	BB	7.0	6.0	B-G	Name used erroneously in MCS for TECNICO. * English name used in multi-lingual Manual. Wooden Strips & Plates held by steel Brackets. * In wood parts; varies in metal, often 8.75. * 4.2 in metal Brackets.	
BAK	BUILD-A-KIT	MP		AL			F													BAK	Small range of parts in No.4 set seen, cf MECCANO No.2 of 1950s. Ref: OSN 7/170. Actual name might be BILD-A-KIT.		
BAP	BUILD-A-PLANE	AS		US	20 s?		Fw	*													BAP	By same maker (GLUCK) as TEN IN ONE & probably similar. * Probably. Twisted rubber drive.	
BAZ	BUILD-A-ZEP	AS		US	20 s?																BAZ	Box lid photo only.Maker Gluck as BUILD-A-PLANE. Not clear what material used.	
BBY	BUILDER BOY *	NM		US	49 k		F	----	p	----	--	20	19.1 *	*		3.2 *	--	--	--	--	BBY	Strips, Flgd Plates, etc but joined by pressed out lugs engaging in slots. * Also sold as NORWOOD, the manufacturer. * 3/4" for most slots. * 5/16x3/16" slots; 1/8" holes. * .125".	
BDX	BUILDEX *	ML		NZ	* 50 e						--	13?	12.7 e			S					BDX	* May be fr Australia or NZ. Parts in sm MCS models: 5,11(or 15h) Str; 1*5*1h DAS; 5h A/G; 5*?11Flgd or Perf PI; 1"(or larger) Ply; 12h Whl Disc. All rd holes & sq corners.	
B-O	BUILD-O	ME	ME	CA	81 ---	82	F	M3.5	s	M3;M4	30	87*	10.0	3.9	3.8 m	3.7	HC	F	5.9	6.0	B-O	Parts are from MERKUR & details are assumed the same. * needs verifying.	
BDO1a	BUILD-O [1a]	MP		US	46 ---	47 a*	A	6-32	b *	6-32		40	12.7	3.7	3.7	3.3 *	HP *	BB *	7.9	7.1	BDO1a	As BDO1b but al & motor parts.*Diff maker post '47. *1/4"x20 s/t threaded Hubs join Whl/Ply halves. *3.2, 3.6 also reported. *F hd on lg Bolts. *Also: F Nuts; FD M hd Bolts, DHD 5.5.	
BDO1b	BUILD-O [1b]	MP		US	45 ---	46	F	6-32	b *	6-32		32	12.7	3.6		3.4					BDO1b	Steel parts, inc 6h long Flgd Sector Plate, 5h Ø Flgd Disc, Eccentric, T Brackets, Half Pulleys with special Hubs to fit in 6.35mm holes. Other details above may apply, * for example.	
BDO2	BUILD-O [2]	BD		UK	15 c-		qF	----	-	----	--	67	32.0 *	2	----	----	----	----	----	----	BDO2	Card Panels held to steel members by tiny bifurcated paper clips. * & 6.5mm.	
B-R	BUILD-OVER	OO		US	29 k		L														B-R	Said to have produced a number of sets similar to ERECTOR.	
B-X	BUILD-X	EP	LG	CA	70 l?		Fp	M4	d	M4	25 *	49	14.0	4.3	4.3	4.2	Hd	FI	6.9	6.9	B-X	Parts & Sets as DELTA-X. Sold under Sears name. Axles have flat to suit some of the bosses. * 25.4 = Mod.1.	
BUG	BURGER	SH		GE	50 s		L	M4	-	----	---	28	12.5	4.2	3.9		t	HR	FF	7.2	6.9	BUG	Parts in green, blue, red, cream. Some are like STABIL but 14h Strip & A/G, and Flat Girders. Cable Car Station on lid & manual cover.
BUR	BURGSTÄDTER *	LG		GD	80 c-	84 k*	F	M4	d	M4	13 *	70	12.8	4.2	4.0	4.0	HP *	FN *	6.9	8.0	BUR	*Only BAU ANLEITUNG on man'!. After METALL-BAUKASTEN, w same pts, PNs/sets ±, *but ? when, & see PLASTICART, PLASTIKART. *Mod 2, also gear-like Spkt. *or HC as MBN1. *Nuts FK.	
BUZ1	BUZ BUILDER [1]	ML		AL	W2 a-	74	F	5/32W	d	5/32W	38	94	12.7	4.3	4.1		* R					BUZ1	Many parts stamped BUZ. Unusual parts are round top 9h Trunnions, 5*5h Flgd Plate, 2h wide Hinge, 3h strip Hook. * H & S Nuts shown.
BUZ2	BUZ BUILDER [2]	ML		NZ	70 l-	84	F	5/32W	d	5/32W	38	93	12.7	4.3	4.2	4.0	HR *	FQ	7.9	7.0	BUZ2	Initially many parts listed as BUZ1 but + 5*9h Flgd Plate. ? sets at that stage but later only (about 68) parts in new sets 1-4 w new man'ls & colours. Few pts stamped. *Sq Nuts in man'!. Name only.	
BOL	BYG OG LES	OO																			BOL	Name only.	
CAM	CAMIONEL	OO			SP ?																	CAM	Name only. Another name CAMIONELI has been listed elsewhere.
CSI	CANADIAN STEEL INSTRUCTOR	ML		CA	10 l?-	20 e?	F	8-32	s	6-32		64	12.7	4.2		4.0	SR	FF	7.9	7.5	CSI	Parts seen are like MODELIT [a] but differ slightly in dimensions. N&B data need confirming.	
CCO	CASTCO	RT		US	W2 ap		F	8-32	-	----	--	13	---	---		3.8	- C	F	---	*	CCO	1 set known: MAKE-A-BIKE. * Bolt is a pointed Set Screw for J-Clamp with small cheesehead.	
C B	CASTLE BUILDER	ML		CA	17 ---	18	F	5-40	?		30 e	54	12.7	4.2			SC					C B	Many of the parts illustrated, and their names, are identical to AMERICAN MODEL BUILER.
CHaA	CHARPENTO [a]	NM		FR							--	---	---		t	H-						CHaA	Frames, Strips, Girders, which push together, quite unlike CHARPENTO [b]. Lid has an Arch Bridge with a Ship under it.
CHAb	CHARPENTO [b]	NM		FR	20 l*-		F	M2	-	----	--	30	12.5	2.5	---	---	SF	BB	5.0	4.0	CHAb	Beams, Trusses, Panels, etc to make buildings, bridges. * 20e also reported.	
CIG	C.I.G.E.A.	LG		IT	55 k-	70 s?	F	M4	d	M4	39 e	300*	13.0	4.3 *	4.1		SC	BB	6.0	6	CIG	Many parts MECCANO pattern but also many original. Gears inc Bevels & Helical. *MCS says over 200 but reproduced text therein seems to say over 300. *Most but 4.1-4.5 in a few.	
CLF	CLIFFIX	RT		UK	45 a-		F	----	-	----	--	41	---	---	3 a	2.4	--	--	---	---		CLF	Rods joined by 'Springs'.
CLP	CLIP	SK	RT	SW	48 ---	52 ?	A	----	d	5/32W	--	15	---	---	4.1	4	- *	---				CLP	Rods held by Double Spring Clips. Same maker as, & compatible with, STOKYS. * Standard STOKYS Set Screw unless Grub used.
C-C	CLIP-CRAFT	RT		US	47 ---	49 a	Aw	----	----	----	--	30a	---	---	4.4 e	4.3	--	--	---	---		C-C	Boltless. Aluminium Rods and Multi-way 'Terry' Clip fasteners. Wooden Wheels.
CLR	CLIRO	RT		UK	49 ---	50 s?	A	3x	a -	----	--	18	---	---			HR *					CLR	Rods held by clamps with rectangular in-fill Plates. * Hex Bolt shown but said to be square.
CLU	CLOU	MB		GE	32 ---		Fw	----	p	----	--	14	8.6	3.2	2.9 m	3.0 m	--	--	---	---		CLU	Box sleeve has CLOU w boy, Train, Gun on top; SÄKERHETS TÄNDSTICKOR w cross, 4 medals on btm. Pts (sm Flgd PI, 3,5h Str, Ply, Rod w push-on Washers) & models sim to MBC2/3.
COL	COLUMBUS	RT		GE			L	----	-	----	--	---	---	---								COL	Strips, A/Gs, Brackets have rolled ends and are joined by Rods through them.
COM	COMBINATOR	BD		GE	30																	COM	Parts to make buildings. Only name known.
CCR	COMBICAR	CR		AR																		CCR	Set to make various Lorries & tracked vehicles using special parts.
CNV	COMBINAVE	CR		AR																		CNV	Set to make Ships using special parts.
CPO	COMBIPLANO	AS		AR	60 s		F	5/32w	-	----	--	46	Var	4.2	---	---	HR	FD	8.0 m	7.0 m	CPO	Set with silver parts to make mainly WW2 & early post-war aircraft including jets. Some Ebay sets have mostly green parts with a few red.	
CON	CONDOR	ML		IT	60 p-	83 *	F	5/32W	s	5/32W	38 *	92	12.7	4.2	4.1	4.0	HC	FB	8.0	6.8	CON	Name used in MCS. See AUTOMAT – SMP stocked their COMPACT Units. Parts inc: M52 w flange slots; 3h M11a; 5h Trun w 2 vert side slots; BRAL Braced Girders w solid centres; 3*5-11h Flex Plates. *poss after. *Also 14.5, Mod.1.75 (4-spoke Gears).	
CRD	CONRAD	RT		GE			wL															CRD	Said to have followed GECO and to be like it.
CNC	CONSTRUC	NM		FR	W2 b?-	50 s*	F	----	s		* 38 *	35a	---	4.0	*	3.5	- *	---	*			CNC	Parts held by Clips. These & Brkts are made from spec Strips using Tool provided. cf VLN, EMA. *& 46-50+ reported; name registered in 1947. *-**Set Screw. *about. *varies.
C L	CONSTRUCCIONES METÁLICAS	ST		SP	30 s?				----	--	28	12.5 *			---	t	HC					C L	Manual cover has a boy?girl on floor with set & 2 models. Main parts: Strips, Pulley, Wheel, Wheel Disc. *Probably about 1/2", but a few parts like STABIL so possibly 12.5mm.
CMR	CONSTRUCCIONES METALICAS R	MP		SP																		CMR	Alternative name used for MONTEX [2].
C C	CONSTRUÇÕES MECANICAS	MA		BZ	45 ---	*	F	p			15 *	40a	12.7 p	4								C C	Copies of MÄRKLIN parts/models, but in leaflet some parts are wrongly shown like MECCANO. *Only produced for a few years. *MÄRKLIN-type Rings so probably 14.5.
CCT	CONSTRUCT	SH		UK	45 a*		A	6BA	-	----	--	12	9.5 *	3.1	---	2.7	t	HC	FN	4.9	4.8	CCT	*Probably but a 'Unit' set, w smaller range of same pts, called ALLWRIGHTS MECHANICAL CONSTRUCTIONS may date from late 30s. *3/8" exactly. *Crank Handle, no Axles.
CTA1	CONSTRUCTA [1]	MP		BZ	70 s?*						14 e	100*	12.7 *	4 a		t	HR					CTA1	Parts generally MECCANO-like but a number like STABIL & some MÄRKLIN. * Possibly much earlier. * At least. * Guess, might be 12.5.
CTA2	CONSTRUCTA [2]	BD		GE	52		L															CTA2	Ref: <i>Baukästen</i> p326. Maker, Rudolf Zanki. 1/100 scale Buildings from parts held together with Clips.
CTM	CONSTRUCTAM	OO		FR																		CTM	No other details.
CNN1	CONSTRUCTION [1]	CK	CK	GD	65 ---	11 +	Fp	* M4	s	M4	32 *	94*	10.0	4.2	4.1	4.0 t	HC	FN	6.9	6.9	CNN1	Large Tyres have 17x71x34 moulded in. * Flexible plates are plastic. * Mod .8. 25 (Mod 1) for later plastic Gears. * Not including later new parts.	
CNE	CONSTRUCTION C40	CK	ES	GD	91 k-	92 p	F	M4	s	M4	32	57	10.0	4.2	4.1	4.0	HC	FN	6.9	6.9	CNE	Electronic 3-channel, 10-step controller for Motors, lights etc, plus standard parts for small models.	
CNT	CONSTRUCTION theme sets	CK	CK	GD	80 s-	90 m*	Fp	M4	s	M4	32	121*	10.0	4.2	4.1	4.0 t	HC	FN	6.9	6.9	CNT	Sets with standard parts & many in plastic to add realism. Boxes, but not manuals, often marked CONSTRUCTO. *Needs verifying. *Including 47 plastic parts.	
CAB	CONSTRUCTION AUX BATONNETS	RT		FR	* 00 c*		wB	----	-	----	--	10	---	---	---	2.0 *	--	--	---	---		CAB	Wooden Rods push into brass Connectors. * Prob German made. * 1867-1905: c1900 from box lid appearance. * Rod.
CJP1	CONSTRUCTION JEEP [1]	SH		JA	45 a		F	3x.6	? p *	----	--	17	10.0 x	3.2	3.4 *	3.0	SR *	FB	6.0	5.2	CJP1	Toy Jeep with constructional parts to make add-ons. Check thread, N&B data. * Push fit rubber Road Wheels. * Eyeletted Pulleys. * Hex shown in MCS.	
CJP2	CONSTRUCTION JEEP [2]	SH		JA	67 k		F		p *	----	--	17	10.0 x	3.3 *		2.8	SR	N	6.0		CJP2	Jeep & parts similar to CJP1 but Flgd Plate has square bends. Differemt maker, as CTK1. * Push fit rubber Wheels. * Mean; 3.1 also reported.	
CTR	CONSTRUCTION TRACTOR	SH		JA			F		p	----	--	16	10 p				SR					CTR	Toy Tractor model with parts (like CJP1 & some special) to build impliments for Tractor.
CTK1	CONSTRUCTION TRUCK [1]	SH		JA	W2 a		F		p	----	--	14	10.0 x	3.1	---		HR		6	5	CTK1	Similar in style to CONSTRUCTION JEEP but toy Lorry & some different parts.	
CTK2	CONSTRUCTION TRUCK [2]	WS	CH	CN	p 00 e?																	CTK2	One set seen on Ebay, probably like WISDOM No.6 with a few different or changed parts.
C Ma	CONSTRUCTION MODELS [a]	WS	CH	CN	78 ---	93 p*	F	M4	s	M4	--	38	12.5	4.3	4.2	4.0 *	HR	FN	6.9	6.5	C Ma	Parts as WISDOM except colour. * Known 1990. * Also 2.6mm, see the similar CONSTRUCT-O-STEEL.	
C Mb	CONSTRUCTION MODELS [b]	CH		CN	93 k																	C Mb	A set, MM097, with large parts to make Prams, Chairs,etc – large enough to suit largish dolls.
C_S	CONSTRUCTION SET	MB		US			Fw	----	p	----	--	14a	8.7	3			--	--	---	---		C_S	Name on a box w a Linemar 'Match Box' set (MBC3) inside (but the Linemar name blacked out). The box is twice the size of the set & has the same boy & Buildings on it as on the Set.

REF	CODES (A for single columns) NAME	B Mfr	C TYPE	D CY	E -DATES-	F Matl	G THREAD	H BS-	G THR'D	DP	I Parts	Pitch	dST	dBS	DAXL	J NB	F MF	K A/F	DHD	REF	L plus some A-J COMMENTS	
CRMa	CONSTRUCTIONS R M [a]		AS	FR	W2 a	A	4x		----	---	19	Var	4			HR					CRMa	A set practically the same as AVIONS-CONSTRUCTION with a connie on the box lid.
CRMb	CONSTRUCTIONS R M [b]		AS	FR	W2 a	A	4x	p	----	---	20a	Var	4			HR	AA				CRMb	A set with '2-D' parts (a few like CRMa) that bolt (or in some cases perhaps push) together. Models with up to 4 Props, & cork Floats. Lid similar to CRMa.
CNO0	CONSTRUCTO [0]	CK	CK	UK	80 sk																CNO0	See 'CONSTRUCTION theme sets': the boxes (but not the manuals) often carried the CONSTRUCTO name.
CNO1	CONSTRUCTO [1]	ME	ME	CA	80	F	M3.5	s	M4;M3	30	97	10.0	3.9	3.8	3.7	HC	F	5.9	6.0		CNO1	Parts are from MERKUR & details are assumed the same.
CNO2	CONSTRUCTO [2]		UK	UK	50 lp	F		t		--	34	12.7	4.1*		4.0	HC					CNO2	Looks similar to MECCANO but 7h 126.a; 9h 214; & balloon Road Wheels. Wood Wheels also possible (& ? Tyres on pressed steel Hubs). *May vary up to 4.7.
CNO3	CONSTRUCTO [3]		ML	AL	33 k					--	18*	12.7	4.2			S					CNO3	Small models which look very MECCANO-like. Various styles of #52 shown. * At least.
CNO4	CONSTRUCTO [4]		LG	UK	50 c	FA	* 1/8W	o	----	--	24	27.0	3.5*	5.9	5.6*	HR*	BB*	4.5*	5.3*		CNO4	Plas Whls. CONSTRUCTO transfer on some pts; & see PLEASURE BEACH. *Most F or A. *to 4; & 6.2. *2"x3.5mm. **SCFF also. ** needs check. Also 6BA HR BB 4.8 4.8 for Bulb Holder.
CNO5	CONSTRUCTO [5]		OO	BE	48 c																CNO5	No other details.
CNO6	CONSTRUCTO [6]		SH	US	40 s?	A	6-32	-	----	--	12*	11.1*	4.8	6.4	--	Hm	FF*	7.8	7.8		CNO6	Most parts identical to HOLLYWOOD U-BILD-IT, inc 1/8" holes in Strips. * In Set 200, the only one known. * 7/16" & 1 3/8" in Plates. * Bolts are matt light green.
COC	CONSTRUCT-O-CRAFT		MP	US	45 --- 48 k	F	6-32	b*	6-32	30	43	12.7 x	4.0	4.0	3.8	SM	FD*	6.4	5.7		COC	Strips embossed with crenellated pattern. *PulleyDiscs joined by hex threaded boss (1/4"x32). Also normal bosses. Both types s/t. *Nut: BD. Also Nut H/FZ/6.3; Bolt R/FF(or FZ)/6.3.
CNR0	CONSTRUCTOR [0]		SH	FR	17 c-- 19 c	F	3.5x	-	----	--	26*	Var	* 4.3*		--*	HC	FF	7.0			CNR0	First version of an unusual system based on a Lozenge part. *Inc 10 of wood or card. *15mm for the Lozenge & 11mm for the Strip. *4.2-5mm. *Winding Drum axle, no other Axles.
CNR1a	CONSTRUCTOR [1a]		SH	FR	20 c-- 20 l	F	3x.75	d	3x.75		38*	11.0*	3.2	3.1		HT	FB*	6.4	5.3		CNR1a	More & smaller parts than CNR0 above. 2 widths of Strip known, 8.2 & later 8.8mm (8.1 known). *50 later reported. *10.0 in Braced Girders. *Sq Nuts in manual.
CNR1b	CONSTRUCTOR [1b]		SH	FR	--- 64*	F	* 3x.75	d	3x.75	43 p	82*	11.0	3.2	3.1	3.0	SC	AA	5.8*	5.0		CNR1b	Final phase w more parts, some changed. Strip width: 9.8, later 10.8mm, also 10.1. *70 reported. *Some aluminium in WW2. *fr 50 initially.*5.3 may exist. All N&B data need confirming.
CNR2	CONSTRUCTOR [2]		ML	NE	50 k-- 80 s	F	* 1/8W	s	1/8W	35*	87	12.7	3.9	4.0*	3.8	HC	BB*	6.0	5.1*		CNR2	6h Flgd Sector Pl; 7*5 Perf Pl; 2,3-blade Props. CONSTRUCTOR JAFOWORKS on Tyres. Early: JAFOWORKS on Tyres; *M8,52 aluminium; *DP 38; *dBS 3.86; *Nut SFN, Bolt RFN w *DHD 5.5.
CNR3	CONSTRUCTOR [3]		OO	GE																	CNR3	Name only.
CNR4	CONSTRUCTOR [4]	CK	CK	UN	93 k*	Fp	M4	s	M4			10.0	4.2	4.1	4.0 t	HC	FN	6.9	6.9		CNR4	CONSTRUCTION [1] parts packaged for Popular Mechanics magazine. CONSTRUCTION data used. * Copyright date for U.S. distributor.
CNR5	CONSTRUCTOR [5]		SH	UN	92 p-- 99 k	A	* M4	d	M3	--	48	10.0	4.3*	4.1	3.9	HC	FK	6.9	6.8		CHR5	Probably followed KONSTRUKTOR [3]. * some of main parts in some sets steel. * some holes 5.3.
COS	CONSTRUCT-O-STEEL	WS	CH	CN	78 --- 93 p*	F	M4	s	M4	--	38	12.5	4.4	4.2 m	4.0*	Hr	FN	6.9	6.8		COS	Parts as WISDOM except colour. * Known 1990. * Also 2.6mm for push-fit Wheels #015.
CTS	CONSTRUCTUS		MP	AS																	CTS	Ebay photo shows set with largish Crane & Lorry on lid. Parts consist of bright A/Gs, some with (?)2*1h (?)obtuse section & red Wheel Discs.
CTT	CONSTRUITOUT		OO	FR	50 c																CTT	Name only.
CKT	CONSTRUKIT		UK	UK	W2 ap-	F	4BA	s	5/32W	--	47	12.7	4.2	4.2	3.9	HR	BN*	6.4	6.1		CKT	Many parts like MECCANO (r/g colours reversed), but unusual Propeller, balloon Road Wheels, & 3*6h Flanged Plate. * Bolts AA.
CMC	CONSTRUMEC	AR	p SH	AR	45 c?- 55 c?	F	p 5/32	t	1/8"	--	64	10	p 4	p	4.0	HR					IMI	Parts like INGENIERIA MECCANICA INFANTIL and same Illustrated Parts in manuals. Data taken from INGENIERIA MECCANICA INFANTIL.
CMC	CONSTRUMECANICO		ML	ME*																	CMC	Photo shows silver Strips, red & blue Plates. * Not sure where country of origin came from.
CNS	CONSTRUMENTS		ES	UK	32 --- 36 a	FB	4BA	-	----	--	55	Var				HC	B				CNS	Sets designed to make working optical equipment. No Wheels or Pulleys.
CZM	CONSTRUZIONI MECCANICHE		MA ?	IT																	CZM	Said to be AMI-LAC but manual models are MÄRKLIN.
C S	COOL STEEL		LG	US	95 k	F	8.9x2.3	-	----	--	29	32.0	9.8			t	HH	p	17	17	C S	Large pieces with Narrow Strips, 2h wide Plates, 7h Trunnions with holes at 1/2 normal pitch, plastic N&B.
COR	CORUS		BD	FR	20 s*	AFw*		-	----	--	38					--	--	--	--		COR	*1924 pat. Buildings w frame of 12mm sq grooved wood Beams held by push-fit metal infill Panels (*F or A). 'Real' F or A Roof Tiles on Battens. Models inc Furniture, sm Aircraft.
CMS	COSMOS		RT	AR	46 a?																CMS	Sole illustration available shows structure of rods partly covered with plates.
COZ	COZZONE	BR	AS	IT																		Possible early/other name for BRAL PRIMA VOLI.
COZ	COZZONE		RT	US	48 --- 49	AF	10-32	-	----	--	31				4.8	-	H*	BN		6.4*	COZ	Frameworks of 4.8mm Ø aluminum Rods with end Unions which screw into Hubs, Steel Plates clip onto Rods. * For the Unions. * A/F.
C E	CRÈME ÉCLIPSE		BX	FR	50 s	F		-	----	--		13.0	3.6				HR				C E	Probably the same as BAUFIX, models shown are identical. Promo set, Crème Éclipse is name of household polish.
CRU	CRUSON		RT	NE	80 c-- 85	F	M4	-	----	--	44	6.35 x	4.2 m		4.0	HC	FN	5.5	5.3		CRU	8mm Tubes with 1/4" pitch holes, joined by being bolted to Unions. Tubes also sold opened out as Plates.
CBL	CUBAL		NM	FR	47	F				*	10	10	* 3.1	3	p 3	p	-*				* CBL	Models from Frames pushed together to form cubes, & Strips held by Rods with Collars. * ** Only Set Screw for Collar etc. *Some 15mm.
CUB	CUB BUILDERS		MP	US	46 p--	A	6-32	-	----	--	13	12.7	3.5*		3.2	HF*	BB*	7.8	5.5*		CUB	Like SKY-SCRAPER with 3/8" wide Strips, Plates with 1/2" & 1" flanges, but 6h Pulley Discs instead of Wheels. * 3.4-3.6. *** Also FD Bolt, 5.5 Ø f head.
D D	D-180 DAN DARE		AS	UK	53 --- 54 a	F	4BA	-	----	--	26	12.7 x	3.8			HR	FB	8.0	6.2		D D	Name used in MCS for DELTAX. D-180 is a set number. 2 ranges of special parts in a) Rocket Builder, & b) Spaceship Builder sets, with a few common to both. Thread and N&B data need verifying.
DEG	DEGEA DELOUTAX		ES p	GE	25 k*	L															DEG	* A DEGEA-Baukasten-Motor by Auergesellschaft was shown at the 1925 Leipzig Toy Fair (<i>Baukästen</i> p231). Alternative rendering of Japanese name for DELTAX.
DLT	DELTA		MA	GE	p 40 m?	FB		t		--	20a	12.7 ?									DLT	2 small sets seen on Ebay have some parts like MÄRKLIN. Manual may have STABIL models. ERECTO [2] very similar.
D-Xa	DELTA-X [a]	EP	LG	US	* 70 s	Fp	M4	d	M4	25*	58	14.0	4.3	4.3	4.2	HP	FI	6.9	6.9		D-Xa	Axles have flat to suit some of the bosses. * Made in Japan, parts as DELTAX. * 25.4 = Mod.1.
D-Xb	DELTA-X [b]	EP	SH	JA	05 *- 09 +	Fp	M3	-	----	--	70*	8.0	3.0			Hb	FN	5.4	5.1*		D-Xb	New version of DELTAX with smaller parts. * A © date but perhaps before 2000. * at least & + plastic parts in alternative colours. * 5.2 for longer ones.
D-N	DELTAX*	EP	LG	JA	70 s-- 80 s	Fp	M4	d	M4	25*	58	14.0	4.3	4.3	4.2	Hd*	FI	6.9	6.9		D-N	Axles have flat to suit some of the bosses. *Japanese characters on boxes plus set nos. 'D-40 to D-500'. Plastic Plates marked MADE IN JAPAN. * 25.4=Mod.1. * Slotted Bolt head shown.
DDI	DEN DANSKE INGENIØR		LG	DE	35 ?--	F	5/32W	s	1/8W	14*	93	13	* 4.4	4.1	4.0	SC	FB	6.3	5.6		DDI	Some M-like parts, but many others inc Curved Plates (4 to 2" circle), STABIL outline Gears, etc. Some MÄRKLIN pts in man'l models. *Mod 1.8, also about Mod 0.8. * Most 12.9-13.0.
DLK	DEN LILLE ELEKTRIKERN		ES	DE	99 k																DLK	Danish name for MEHANO(TEHNIKA) Electrical set, q.v.
DLE	DEN LILLE ELEKTROINGENIØR		ES p	DE																	DLE	Name only.
DLI	DEN LILLE INGENIØR	WA	ST	DE	20 e--30 k	F	5/32W	o	----	41	104	12.5	4.2		t	HC					DLI	STABIL parts, probably packed for the ILLUM store in Copenhagen.
DBK	DER BRÜCKEN-KONSTRUKTEUR		NM	GE	20 sp	L															DBK	Silver, narrow section, braced Frames, presumably bolted together. Lid has black label with white Bridge on it – one tower has a Crane on its top..
DJB1	DER JUNGE BAUMEISTER [1]		LG	GE	47 --- 49	A	* M4	t	M3	*	31	13.0	4.5	4.0*		HM*	F				DJB1	Mfr: Feta. Parts like MÄRKLIN but fewer holes, inc 5*11h Flgd Pl w only edge & centre line holes. *F 65mm Ply, Gear Ring. *Large-tooth Gear & Gear Ring. *A few 3.7-4.1. *Also HP.
DJB2	DER JUNGE BAUMEISTER [2]		LG	GE	47 c--	F	p	t			39	15.0	3	a		HC	F				DJB2	Made by Wehma. Blue Funicular Railway on lid. Parts inc unusual Triang. & Perf. Plates, & NS. Yellow Pulleys. Other parts green first, later red/blue & red/dark green (or black).
DJK	DER JUNGE KONSTRUKTEUR	HW	SH	GD	56 --- 72 c	F	M4	s	M4	25*	80	12.5	4.2	4.1	4.0	HR	FK	7.0 m	7.2		DJK	Mixed selection of black parts inc T-shaped Trunnions. *Prob, for plas Gears (in Gears set). Also coarser plas Worm/Whl, & coarse 8t Pinion meshing w slots in 63mm Ø Pulley's face.
DJMB	DER JUNGE MASCHINENBAUER		NM	GE																	DJMB	Parts like MABA.
DJM	DER JUNGE MECHANIKER		ML	GE	10 c-- 21	F		k*			59	12.7	4.1		4	SC					DJM	As LE JEUNE MÉCANICIEN. Old Meccano style parts but Perf Plate & A/G ald Flgd Plate. NB. #103 with 1 row of holes. * Key fixing in manual, but tapped bosses in ebay sets.
DKE	DER KLEINE BAUMEISTER																					See OKEH.
DKE	DER KLEINE ELEKTRO-INGENIEUR		ES	GD	59 c--	Ap		-	----	--	44	10.0	4.0			HT					DKE	Made by Deutsche Post. Probably followed ELEKTRO, many parts shown as identical. Also same or similar to the probably later PIKO.
DKL	DER KLEINE ELEKTROTECHNIKER		ES	GE	99 k																DKL	German name for MEHANO(TEHNIKA) Electrical set, q.v.

REF	CODES (A for single columns) NAME	B Mfr	C TYPE	D CY	E -DATES-	F Matl	G THREAD	H BS-	G THR'D	DP	I Parts	Pitch	dST	dBS	DAXL	J NB	F MF	K A/F	DHD	REF	L plus some A-J COMMENTS		
DKI1	DER KLEINE INGENIEUR [1]		ST ?	GD	51 ck	F															DKI1	Small set w STABIL-like parts. Possible FAP logo on lid. Parts look same as DER KLEINE KONSTRUKTEUR [2], & DER KONSTRUKTEUR FMF. Some DKI/DKF models same.	
DKI2	DER KLEINE INGENIEUR [2]		LG	GE		A ?						14 p				HC					DKI2	Sm No.1 set seen on Ebay. Parts: Str, DAS, Whl Disc, 5*9h Flgd Pl - all might be aluminium. Red lid label & manual cover w boy & decent size Crane. May be related to METALLIX [1].	
DKI3	DER KLEINE INGENIEUR [3]		MP	GE		F					14*				t						DKI3	* In the only (small Ebay) set seen. Rusty steel parts inc Strips, DAS, Road Wheel, and 6h Pulley & Wheel Discs. 2 boys & a Windmill on the lid.	
DKK1	DER KLEINE KONSTRUKTEUR [1]		ST	GD	50 s	F	M4				53	10.0 *	4.3		3.9 t	HC *					DKK1	Maker EAW. As STABIL, but Flgd Plates wider like CONSTRUCTION. Also Elec. set. *But 12 in MCS: which is right, or 2 systems? A/G 10.1 in known pts. *Sq Nuts also shown.	
DKK2	DER KLEINE KONSTRUKTEUR [2]		ST	GD		F	p														DKK2	Parts, set lid, & box looks exactly like DER KONSTRUKTEUR FMF. WMW logo. See also DER KLEINE INGENIEUR [1].	
DKK3	DER KLEINE KONSTRUKTEUR [3]		MP ?	GE	13 ?																DKK3	Gantry Crane model in logo (or ad?) appears to be a framework but material unknown. It may be wood because what could be a hammer is shown in the illustration. 1913 mentioned.	
DKT	DER KLEINE TECHNIKER *		ST	GE	p						10	?									DKT	Set seen has brightish Strips & blue STABIL-like Plates. Lid label has sm photo of boy & Crane on table. *Another set w this name has elec pts on lid but 10mm pitch Str & Pl in box.	
DKF	DER KONSTRUKTEUR FMF		ST	GD	50 ck	F										HC					DKF	Small set with STABIL-like parts which look same as DER KLEINE INGENIEUR [1] & DER KLEINE KONSTRUKTEUR [2]. Lid very similar to the latter.	
DSM	DER S.M.		OO	GE	?																DSM	Name only.	
DBB	DIAMOND BRIDGE BUILDER		NM	US ?	90 sp	F	---	-	---	--	---	---	---	---	--	--	---	---			DBB	Name used in U.S.(?) for KELLER.	
D B	DINKY BUILDER		MC DK	UK	34 --- 65 c	F	---	p	---	--	16	---	---		*	2.6	--	--	---	---	D B	* Rubber inserts.	
D L	DISCO LUDENDO		MM	IT	85 ?	F															D L	Manual known with models as AMI LAC. Probably a promo set.	
D G	DISTLER GIANT, GIGANT *		TR	BE	63 --- 65 *	F	M6				33 *	30	16.0	6.4	6 *	---	t	HR	FK	9.8	10.0	D G	Strips 30mm wide. * Called DISTLER GIGANT for German markets. * Stock sold off later. ** Standard TRIX gears but 6mm bore.
DIT	DITMAR		SH	AS	40 l- 52	FA	* M3.5	s *	M3.5		* 56	8.5	3.7 m	3.7	3.6	HT	FF	7.0	6.0		DIT	Many lengths of black Strip (12.5mm wide) & A/G, up to 35h, 7h Ø Plate, & 7*11h * aluminium Plate. * d/t in Collar, Coupling. * There may be MÄRKLIN-type Gear Rings.	
DOC	DÖCO		BD ?	GE	20 c	Lw															DOC	Split-pin rivet assembly. Parts inc bars, clamps, discs, punch press. No other details.	
DOR	DORANDO		BD	GE	26 *-	Ltq		-	---	--	30*	10.0	4.5	---	---						DOR	Ref: EZ Pl.43. Frame of black metal Strips & Channels w stone infill blocks, some painted as doors etc. Card roof. Prob UK Patent 301589 (1927). *1925-26 in <i>Baukästen</i> . *inc 20 metal.	
DEL	DU-EN-LOZ		AR	AR	44 --- 55						58*	12.7	4.2		4.0	SR					DEL	Part Nos. similar to EL MECANICO. Parts in MCS look like MECCANO except 7h Trunnions, slot in foot of 1*2h Angle Bracket, & Hook has cylindrical weight. * May be more.	
DSC	DUPLEX STANDARD C* TOY		GT ER	US	29 --- 32	F	8-32	s	6-32	24	207	12.7 x	4.4 *	4.1	4.0	SR	FN	6.4	7.2		DSC	* CONSTRUCTION. Generic name of modified ERECTOR w alt lg & sm holes in Str, Pl. Sold by stores under brand names, see L J1, S-T, S E2, TRU. Data fr LITTLE JIM set. * & 6.6.	
DUR	DURALUMINUM CON* SET		MP	CA	W2 a	A	6-32	-	---	--	13	12.7	4.7	---	3.2	HR	FN *	7.9	6.3		DUR	*CONSTRUCTION. Only Set 10 known. Similar to ENGINEERO [2] No.1 but parts very slightly different & has Spanner & Axle. * FD for Nut.	
	DURATAXE																					Alternative rendering of Japanese name for DELTAX.	
D-A	DUX-AUTO		CR	GE	33 k																D-A	One set said to make either a Sports or Racing Car. Add-on Spring Motor, & Remote steering control.	
DMF1	DUX METALL-FLUGZEUG [1]		MK AS	GE	32 --- 39 k	F	1/8W	s		--	43*	12.5 *	3.3			HC		6			DMF1	Models rather like 1-engined MECCANO Aero [1] sf larger Flying Boat & prob other models fr Set 109. *+ parts in Set 109 & add-ons 106a-d. *Based on #67, Fuselage Centre Sideplate.	
DMF2	DUX METALL-FLUGZEUG [2]		MK AS	GE		F					--	14*									DMF2	Smaller parts than DMF1. * Approx in the one set seen, for a wheeled Biplane.	
D-U	DUX-UNIVERSAL		MK LG	GE	39 --- 64 *	F	M3	* s *	M3	25	90*	15.0	3.3	3.5	3.3	Hc *	FB *	6.0 *	5.4 *		D-U	Nice un-ML pts. *c58 poss. *Earlier also self tap Bolts, 3.2 od, w hoop spire Nuts. *Later tapping hole thru. *Approx, + 27 only in Rolling Stock theme sets. ****Later prob HC FN 5.4 5.4.	
DVS	D.V.s INGENIØR		SH	DE	30 s	F		t		15 a	44	12.5	4.0		t	HC					DVS	Mostly MÄRKLIN pattern parts but smallest set different w Screwed Rods as axles. Some small parts aluminium. Manual has large photo of boy's face on cover.	
EBS	E B S *		LG	GE	96 --- 99 ?	F	M5	s	M4	--	23	15.0	5.3	5.2	5.0 *	HH	FN	8.0	8.0		EBS	* Often e b s. Single model sets with large, heavy, good quality, nickeled parts. *4mm also reported.	
ECP	ÉCÉPÉ		JP ML	FR	15 --- 19	F						12.7	4.1 p		3.9 p						ECP	Followed L'INGÉNIEUR CONSTRUCTEUR and preceded MÉCANIC [2]. Probably not made in later WW1 years.	
EDI	EDISON		MA	CZ	W2 b?- W2 a?	F	3.6x.8	d	3.6x.8	38 *	66	12.7	4.3	4.3	t	HC	BB	8.1	5.1		EDI	Most parts in MCS like MÄRKLIN, but Ply Disc, Scr Rods, Roof, 6-spoke Ply. Some electrical parts on one manual cover. * Poss; & MÄRKLIN-type Gear Rings. Data need verifying.	
EDE	EDISON ELEKTRO		ES	CZ	W2 b?- W2 a?																EDE	6 Sets, probably standard EDISON parts plus special electrical: Coil, Bell, etc.	
EDO	EDOBAUD		NM	FR	28 --- 39	Lw	3x				66*	Var	4		4.0	H *					EDO	Parts for workshops, ready made g/boxes, winches listed. * Inc 13 wood bases. * For Threaded Rods. Also Bolts, ? thread.	
EMB	EDUCATIONAL METAL BUILDING SE'SH		US	US																	EMB	The one set known has parts that look like THE CONSTRUCTIONER and probably made by the same company.	
EFL1	EFEL [1]		SH	FR		F				--	20k	10.0			2.0		B				EFL1	Parts unpainted. Strips & Girders have square ends.	
EFL2	EFEL [2]		MD SH	FR	50 s-- 60 l*	F	* M4	s	M4	--	39*	10.0	4.1	4.0	4.0	HC	FF	7.0	5.9		EFL2	24mm Pulley is light red plastic with brass boss: it, & Spanner, marked E.F.E.L. & EFEL. * '62k, on sale '70c. * Early parts may be aluminium, unpainted. * In Set 5, approx.	
EFL3	EFEL [3]		GE SH	FR	50 s	A	* M4	s		--	31	15.0 *	4.2	4.1	3.9	HC	AA	7.1	6.0		EFL3	Slotted parts. * Steel parts may also exist. * 10.0 & 20.0 crossways.	
EEL	EIFEL		MP	DE																	EEL	Probably MECCANO or MÄRKLIN style. Name on Brackets. This may be the EIFFEL [2] below.	
EIF1	EIFFEL [1]		MP	GE	30 l*- 48 k*	A	M4	-	---	--	36	12.7	4.1	---	---	t	HR	B	8	?	EIF1	Unusual shaped Brackets inc long DAS & Double Bent Strips. ** 40-48 in <i>Eisenzeit</i> . Label has head & shoulders of boy & girl with Eiffel Tower between, & big whl in bottom left corner.	
EIF2	EIFFEL [2]		MP	DE								12.7									EIF2	Parts red & green. Compatible with MECCANO & name on parts. This may be the EIFFEL above.	
E-S	ELADO-SPIELE		OO	GE	49																E-S	Mentioned in <i>Baukästen</i> , p244, from Dörken & Schulte KG.	
ECA	EL CONSTRUCTOR AMERICANO*		ML	SP	12 --- 21	F	8-32	s	6-32	30	74	12.7	4.2	4.1 m	4.0	SC *	FB *	6.5	6.5 *		ECA	DE MODELOS MECÁNICOS. AMERICAN MODEL BUILDER for Spanish markets. Data from AMERICAN MODEL BUILDER. ** Also 7.1-7.5mm R head. * Also brass, & nickel plated.	
ETC	ELECTRIC		ES	GD	32 c*- 70 c	Fp	5/32W;3x	-	---	--	32	12.5	4.0		t	HC *	B				ETC	Motor parts, Bells, etc in basic set, but Pulleys, Bearing Standards, etc, in others. * Patent 1931. * Square Nuts for 3mm.	
EMK	ELEK*MEH*S KONSTRUKTORS		SH	RS	83 k	F	M4	k *	----	25 *	95	12.5	4.3	4.3 m	4.0	HR	FI	6.9	6.9		EMK	ELEKTROMECHANISKAIS. Latvian name. Related to EKS. In MCS as ONBITOB. * Square rubber strip used as key. * Mod 1, may have been 0.6 earlier.	
EKS	ELEKTRISKAIS KONSTRUKTORS		ES	RS	80 s?	Lw	M4			--	25	12.5	4.4 a			HR	FI	6.5	7		EKS	Latvian name. Related to ELEKTROMECHANISKAIS KONSTRUKTORS. One set called 'Skolnieks 3', another, larger, has no name.	
EKO	ELEKTRO		ES	GD	50 s?	Ap	M3	-	----	--	52	10.0	4.2 *		---	HT	FN	5.6	5.0		EKO	Made by E.G.B. Many parts like DKE. MCS says Mag,Electro-Mag,Chem,Static Elec sets. Pts inc Motor Armature, 8*14 Flgd Pl w no holes in flanges. *Prob smaller in Flgd Pl.	
EKM	ELEKTROMECH		OO																		EKM	Name only.	
E K	ELEKTROMECHANICHEN K'N'R*		CK	BU	86 k?	Fp	M4	s	M3	--	45*	10.0	4.4 m	4.0 *	4.0 *	HP	FN	6.9	6.8		E K	KONSTRUKTOR. 3 sets to make Helicopter, Biplane, Windmill. * In Helicopter set. ** Also 3.5mm.	
E-P	ELEKTRO-PIONIR or ELEKTRO		ES	YU *	99 k*																E-P	Yugoslavian name for MEHANO(TEHNIKA) Electrical set, q.v. **ELEKTRO was probably later Slovene name.	
ELS	ELEKTRUS		OO																		ELS	Name only	
ELT	ELET		ES	IT																	ELT	Said to be similar to ELECTRIC.	
EEM	EL EXPERTO MECANICO		AR	AR	45 --- 55	F	5/32W	d	5/32W	--	58	12.7	4.3	4.1	4.0	HR	FF	7.8	6.5		EEM	Many parts like MECCANO but 7h Trunnions, and 3" Pulley with no slots & extra hole between the 4 remaining pairs. No slotted holes except in M215.a.	
ELG	ELGIN		MP	UK	W2 a- 50 s?	A	4BA	e	----	--	23	12.7	3.9	4.1 *	3.2 t	HC *	FD *	6.3	6.2		ELG	Strips 9/16" wide. Parts as ACO. * Pulley; Wheel 3.9. * Crank Handle, no Axles. * Sq Nuts on box. * Bolts FF.	
EII	EL INGENIERO INFANTIL		TR	AR	33 --- 40 c	F	*			--	16*	7.8	* 3.5 *		t	H					EII	Looks like TRIX. One model, a Crane, is as MEKKANO. * Soft tinplate. * Set 1, there may be a Set 2. ** 12.7 & 4.2 in MCS.	
EIM1	EL INGENIERO MECANICO [1]		RT	SP	40 c--	Fw		-	----	--	13				---						EIM1	Rods joined by J clamps, & wooden blocks. Looks very like ROBO.	
EIM2	EL INGENIERO MECANICO [2]		MP	VE	87 k	A				--	48	12.7	4.7			HC					EIM2	Plastic Flex Plates. Strips very thin with bright, coarse crackle finish. Slight BRAL look to some parts.	
E I	EL INVENTOR		MP	AR	45 c							12.7	4.2								E I	Generally blurry MECCANO-like parts in the one set seen but MCS models include 4h Wheel Discs, perhaps nutted to Threaded Rods.	
EMA	ELMA		NM	GE	50 s?	F	----	-	----	--											EMA	Strips, some formed, held with Clips. Most parts look like CONSTRUC but not sure if Jig is in ELMA.	
ELM	ELMEC		ES	NE	46 --- 49 *	Fp	M4;M3	s	M4	34 *	105	12.5	4.1	4.1 m	4.0	SC *	FD	6.1	7.0 *		ELM	Motors can be made with all sets & used to drive models. * 46-50l also reported. * Mod .75. * For M4: M3 Bolts FN/FD, 5.6mm DHD.	

REF	CODES (A for single columns) NAME	B Mfr	C TYPE	D CY	E -DATES-	F Matl	G THREAD	H BS-	G THR'D	DP	I Parts	Pitch	dST	dBS	DAXL	J NB	F MF	K A/F	DHD	REF	L plus some A-J COMMENTS	
FGM	FG METALLBAUKASTEN		SH	GE	48 p-- 50 e?	F		-	----	--	20	11.9	4.8			H				FGM	Black parts with normal & narrow Strips. Prob similar to earlier ZOGEL M'B'K'N. A later set has same model & Für Den Kleine Konstrukteur on lid. It has been called F.D.K.K. elsewhere.	
FFA	FIFA		MP	GD	W2 a	A p					17*				t	HR				FFA	Small Nr.1 set seen on Ebay with Strips, DAS, Brackets, & Discs. Lid has 2 boys with models surrounded by orange border with name down each side. * In Nr.1.	
FIX	FIX		LG	GE	40 c?- 48 k	F	M4	-	----	--	30	Var	4.4	---	---	t	HA*	FD	7.9	7.7	FIX	1cm wide Strips, 4-9cm o/a, w only centre hole. Several joined by hollow rivets to pivot. Also some w rect outside holes open to ends. Another FIX MCS reported. * C & H Bolts shown.
FLX	FLEX		TR	NE	46 ---	FAq	----	-	----	--	10*	16.0	3.9		3.7	--	--	---	---	FLX	The only set known has flex steel Strips w 2 rows of staggered holes, an aluminium A/G, & a card Plate. Parts are held together by rivet w lobes which are bent down after insertion.	
F-B	FLEXO-BUILD		MP	US	10 l?	p														F-B	Flexible fibre Strips, to be cut to length.	
FOR	FORGEACIER		JP	FR	31 --- 50 m*	F	M3.5; M3*	s	M3.5	39*	41	10.0 w	3.6*	3.6	3.5	HC	BB*	6.0*		FOR	NGN sim, sf 3" Ply. FORGEACIER FRANCE JEP on Gears etc. *In '54 cat, not '59. Not in JP cat after '51. *M3.5 for M115; N&B prob M3. *Mod .65. *In pts; punch not seen. **M115 Nut.	
FMR	FORMATOR		SH	GE	13 *- 15 k	L		p*	----		70+	10.0	3.5	5	*	3.5*	SC		FMR	Long slots in Strips (inc Curved Str), A/Gs, Plates. *1910 also reported. ***3.5mm Axles & also brass? 5mm Tubes (Axles), with split ends, expanded by 'bung' to hold Wheels, etc.		
FMA	FRAMA		SH	GE	W2 ap	L					15*	12	?			*t				FMA	Set 1 has grey 2h Ø Pulley, & black Strips, 6*4h Plate, 5h Ø disc. Its lid has B&W drawing of an airliner over a river & industrial scene. * In Set 1. * perhaps.	
FRM	FRAMUS		RT	UK	19 --- 21 k	Fw	----				13*	---	---			--	--	---	---	FRM	Said to be new in G&T 7/19. Match splints push into tinplate Connectors. * At least.	
FRI	FRI-DIE		LG	GE	W2 ap	F	3x	-	----	--	15	15.5	3.8*	---	---	t	HT*	FN	6.0	6	FRI	Simple system with steel parts either blackened or painted red & blue. A/Gs are main structural elements, also 2 Flat Girders. * Some 3.0. * Also RH Bolts.
FRY	FRYDAGH		MA	GD	46 k-- 47 k*	FA	3x				40*	13.0	3.5		3					FRY	Manual models show a few MÄRKLIN-like parts. Parts may be brass plated or black metallic. * Manual PR 247. * Approx; 29 In only known manual.	
FUN	FUNSTRUCTION		ME	US	79	F	M3.5	s	M3;M4	30	46	10.0	3.9	3.8	3.7	HT	FQ	5.9	6.0	FUN	MERKUR parts apart from motor.	
FTY	FURNITORY		ME	GE	32	F														FTY	Furniture models from tin printed parts. Ref: <i>Baukästen</i> p323.	
GA	GA		OO	GE	p															GA	Said to be a very simple system with unusual parts. No other details available.	
GCO	GECO		RT	GE		wL		s												GCO	Parts: 1cm sq wood Strips held in sheet metal Connectors; metal Axles, Whls. Light brown lid has name in centre w models all round it. CONRAD, similar, said to have followed it.	
GEN	GENIAL		SH	AS	46 a-- 52 k	F	M3	s	M3	* 51*	67	10.0*	3.3	3.2	3.1	HC	FF	5.5	5.5	GEN	Many unusual parts inc Chain Whl, Threaded Boss (M5), L-Girders. * 2.6x.45 in some (earlier?) smaller Ø bosses. * Mod .5. * & 5.0 & 20.0mm for some end & other holes.	
GTS	GENIATUS		RT	GE		wL														GTS	Mainly wooden Rods which push into metal fittings. Old fashioned looking lid with young boy making a model while young girl looks on.	
GBR	GEOBRA		NM	GE	54 k	F	M3	-	----	19 a	22	Var	3	3	3	-c				GBR	Braced Panels joined by Bolts into formed threads. 2 sets known, similar but different size parts. Data from one known set.	
GES	GESCHA		TR	GE	59 ---	Fp				--	11					t	HCp			GES	The Set 1 seen has a boy & v large Crane on the blue lid. A simple system w TRIX pattern holes but fewer of them in V pattern. Plastic 'Washers' push-fit onto coloured wooden Rods.	
GIA	GF METALLBAUKASTEN GIANT, GIGANT																			GIA	First erroneous name for FG METALLBAUKASTEN. See DISTLER GIANT, GIGANT.	
GAK	GILBERT AIR-KRAFT		GT	US	19 --- 20						14+	Var								GAK	Special parts for model that 'flew' around a pylon. Box lid artwork used again for totally different 1928-32 ERECTOR AIR-KRAFT set.	
G W	GILBERT NEW WHEEL TOY *		GT	US	19 --- 22	wF	8-32;14-20	s	14-20	6	48	25.4 x	4.2*		12.7	SR	FF	9.5*	7.5*	G W	Large wooden Beams w steel Plates & fittings. *qqf OUTDOOR WHEEL TOY; French version JOUET DÉMONTABLE GILBERT. *Varies; 4.7 in Plates. *14-20: 11.0/11.0.	
GRE	GILBERT RIDE-IT ERECTOR *		GT	US	65 ---	Fp														GRE	* Also RIDE-EM. 5 models with metal frames & plastic trim which youngsters could sit in & 'walk' along. Not made for long.	
GTT	GILBERT THATCHER TIN CAN TOY		GT	US	19 k															GTT	Ebay set seen contains various Tools, and a booklet © 1920 entitled <i>Gilbert Tin Can Toy Making</i> .	
GBT	GILBERT TUBULAR TOY		GT	US	37 k*	F	----	-	----	--	9	---	---	---	---	--	--	---	---	GBT	¼" Ø Tubes push onto pegs on Connectors & Wheels. * Copyright date.	
GIO	GIO		SH	IT	60 s	Fp	----	p	----	--	8	7.5	3.4	2.9	2.9*	--	--	---	---	GIO	Strips, Bracket & Disc. Push-fit plastic Plugs (3.4mm Ø, with 4.2mm Ø CH) used instead of N&B. * Mean of oval.	
G-B	GIRDER BILT *		MP	US	50 s?	A	4-40	*	----	--	10	12.7	3.5	3.2*	---	t	HV	FK*	6.4*	*	G-B	Like ALUMINUM CON'N SET, but Strips have round ends. **Super' before qqf. Hyphenated on manual. *3-48 in one set. *Rubber Whl. *Also Br & Al Nuts. **3-48 are HP FK 4.7 4.8.
GKI	GLOBUS, Der Kleine Ingenieur		ME	AS	47 c-- 50 s	F	M3	d	M3	--	38	10.0*	3.3	3.3	3.1	HR*	FN*	6.0	5.6	GKI	Parts as MERKUR in manual but some differ, eg 65mm Pulley (face holes inc 4x 6mm), 8h Bush Whl. NB also hole size, dull grey or poss black finish. *9.9 some pts. **& Bolts: F FD.	
GLO	GLOBUS LEICHTBAU		SH	GD	48 k	A	M3; M4	*	----	--	39	10.0	4.0	4.2	---	t	HR	FN	5.5*	5.8	GLO	Parts include tapered Braced Girders. Simple but quite elegant Bridge & Crane models. * M4 for Screwed Rods. * M4 Nut FF 7.0 A/F.
GLA	GLORIA		SH	GE	W2 ap	F	2.6x.45	s	2.6x.45	--	33*	6.0	3.0*	3.0	2.8	HC*	FN	6.1	4.2	GLA	Lots of Strips & DAS but no Plates or A/Bs. * In the only Set (No.1) known. * Somr 2.9mm. * HR possible.	
GLK	GLUCK		AS	US	20 s?	Fw	p									t				GLK	Maker of BUILD-A-ZEP, BUILD-A-PLANE, TEN IN ONE, & a larger aero set to build 30 models (THIRTY IN ONE?).	
GNM	GNOM		LG	GE		F	p													GNM	Made by Rimü, which traded fr 1930-1950s. Ebay photos show bright Strips, A/Gs, & 3*3.2h Flanged Plates. Holes are small in relation to the hole pitch, which may be c20mm.	
GOL	GOLIATH		TR	SP	30 s			-	----	--	14a		2.4		---	t	HR			GOL	Less holes than TRIX to give V pattern. Appears same as INVICTA but MCS gives different hole sizes.	
GOR	GOOD PLAY GORDON		MP	GD	60 c-- 72 c	L														GOR	See QUELLE Mix of STABIL- & MÄRKLIN-style parts. Reputed to be brass plated parts, but those in photo blue & bright. Also non-constructural electrical sets.	
HAK	HAKI		OO	GE	20 s-- 30 s															HAK	Ref: <i>Baukästen</i> p330. No details.	
H C	HANDY CRAFT		MP	US	25 c-- 20 l	F	8-32	-	----	--	19a	12.7	4.4	---	4.0	SR	FN	8.0	7.7	H C	11h Strip has 1 end flared out & 15h has both ends likewise. Flgd Plates have slots forming letters H & C.	
HDY	HANDY SET		ML	AL			5/32W	p	----	--	13	12.7 p	4 p				SC			HDY	Small set from (the unknown as yet) BETTABILT, but PNs are as BETTAFIT.	
H W	HAO WANG		CH	CN	60 s?*						33	12.7 p	4.3 p				SC			H W	ALPHA [1]-like parts. Related to early phase of ALPHA [1]. Manual has MECCANO models from 20s to 54/61 period. * After 1954.	
HAP	HAPPYNAK		RT	UK	14 --- 30 s?	F	----	-		--	25	---	---			--	--	---	---	HAP	Tubes are push fit in unions & are used as axles. Ad in G&T 10/14.	
HAS	HASSIA		TR	GE	48 k	F	M4	-	----	--	15*	8.0	4.1	---	---	t	HR	FN	8.0	6.9	HAS	Set A has TRIX-like parts but sl larger. Other sets inc non-TRIX parts eg Plates, A/G. Set A lid has a Motorboat on it, a larger set has a v large Big Whl on its lid & manual. * In Set A,
H K	HAUSSERS KÜNSTLER		BD	GE	17 --- 29	Fw	----	-	----	--						--	--	---	---	H K	Frames from 5*5mm wooden Beams, with metal Panels which push-in for walls & sit on framework for roofs.	
HKO	HEIKO		SH	GE	49	F	M3	o	?	--	33	10.0	3.1	3.1	---	t	HR	FF*	5.6	5.6	HKO	Grey looking parts, often w even number of holes, inc 6*6h Flgd Plate. 3 & 5h Ø Discs. Fire Engine on manual cover. * Nut BB; or AA, 7mm A/F.
H-M	HELLER-MÉCANICUS		DY	FR	33 k?- W2 a?	F					54		3 p			HC				H-M	Name used in France for HELLER'S STAHLBAU. Mécanicus Tool. Strip 12mm wide. Gears have STABIL 'Outline' teeth.	
H S	HELLER'S STAHLBAU		DY	GE	36 --- 56 p	F	3x				57		3			HC	B			H S	Has Mechanikus tool & a good range of parts. See also MECHANICUS & MECO.	
HSA	HERSA		SH	GE	47 k*	A	* M3	e	----	--	21	8.0	3.2		---	t	HC	FF*	6.0	5.5	HSA	Parts inc Strips to 15h, 5*9h Flgd Plate, 4 & 5h long DAS, 5h Ø Disc w rings of 4 & 12 holes. Lid has small boy w large Windmill. *fr 8.47 manual PR. *Steel Loose Pulleys. *Bolts BB.
HOH	HOHA		LG	GE	30 s-- 50 s	F	M4	s	M3	--	60	13.1*	4.2*	4.1	4.0*	HR	FN	7.0*	7.1	HOH	Rather flimsy bright nickel parts, with formed Bonnets etc. 2 versions in 11/291. **As found; 13.1/4.1 & 13.0/4.6 reported. *Needs confirming. *7.5 also possible.	
H U	HOLLYWOOD U-BUILD-IT		SH	US	W2 a*	A	6-32	p	----	--	12	11.1*	4.8	6.4	---					H U	Strips have two 1/8" holes across the strip between each pair of main holes. * 1930s also mentioned. * Exactly 7/16"; & multiples. See also CONSTRUCTO [6].	
HSD	HORNBY SYSTEM OF M* D*		MC	UK	08 --- 14	F	5/32W	k	----	--	38	12.7	4.2		4.1	SC				HSD	MECHANICAL DEMONSTRATION. Standard plus some new parts in sets for schools to demonstrate simple mechanics.	
H A	HUSTLER ACTION TOY BUILDER		HU	US	27 k-- 28 k	Fw	4-36	-	----	--	34	41.3*	3.9	*	3.1	SR	FF	6.5	5.3	H A	Steel Strips which clip or bolt together, other metal parts, wooden 'blobs' & Plate. * 1 5/8". * Rubber bushes.	
H B	HUSTLER BILDKRAFT		HU	US	30 s*	F				--	30	12.7	4.0*			SC				H B	Parts inc 5*11h Plate w 4 long slots, curvy Frame Plate & Trunnion, Propeller, wood Pulleys w metal hub inserts. *But BILD KRAFT known 1928. *In 7h Strips; 3.8-4.1 in other parts.	
HWM	HW METALL-BAUKASTEN		HW	GD	49 ?--	F	M4					12.5	4.2			H				HWM	EZ Pl.60 has lid w Windmill fr simple M-like parts, & Hans Wunsch HW logo. Fr web: black, 12mm wide Strips, A/Gs, & other pts but some dark grey? Prob earlier than the HW DJK.	
HYB	HYBRIDEX		PR	UK	80 s	A	? M4	-	----	--	9	---	---	---	---	HR	F*			HYB	For frameworks to use with OS; nuts trapped in channel rails, which are cut to length. * Bolts may be brass.	
IBJ	I.B.J.C.		OO																	IBJ	Name only.	
ICB	I.C.B.		OO																	ICB	Name only.	
IDL	IDEAAL		TR	NE							20					t	RS	L		IDL	Only a model leaflet known, for 'Units' 1 & 2. Most parts like TRIX but a few original. Dimensions not known.	
I M	IDÉALE MÉCANIQUE		SH	FR	W2 a	* A	3.8x	s	3.8x	25*	38	12.0	3.8	3.8	3.8	HP	BB*	8.0	7.5	I M	Structural parts are anodised copper, Pulleys etc natural aluminium. B&W photo of boy w model inside wood lid. *1950s has been suggested. *Calculated as Mod 1. *Some Nuts FF.	

REF	CODES (A for single columns) NAME	B Mfr	C TYPE	D CY	E -DATES-	F Matl	G THREAD	H BS-	G THR'D	DP	I Parts	Pitch	dST	dBS	DAXL	J NB	F MF	K A/F	DHD	REF	L plus some A-J COMMENTS	
I B	IK BOUW / JE CONSTRUIS	TE	ML	BE	80 s	F	M4			38	84	12.7	4.2			HC				I B	Bilingual names. Apparently TEMSI parts. Said to have succeeded SPIROU.	
IBM	IL BALILLA MECCANICO		SH	IT	30 s?	F	3x	? -	----	--	10*	6	* 3	* ---	t	HC	B			IBM	Only add-on Set A known with simple nickelled parts in wooden box with routed out compartments. * In set A. ** Scaled dimensions.	
ICO	IL CARPENTIERE MODERNO		RT	IT	50 s?	F	----	o	----	--	12*	---	---		--	--	---	---		ICO	Steel Tubes (or Rods) of perhaps 5½mm Ø held by (push-on?) Connectors, plus Loose Pulleys, for framework models. * Very approximately in the one set seen on Ebay.	
ICM	IL CONSTRUTTORE MECCANICO*	BR	MM	IT																ICM	* or IL CONSTRUTTORE BRAL. Another name for BRAL, q.v., with the same parts as far as is known.	
I O	IL MECCANICO 900		ML	IT	40 sp	L					70*									I O	Known only from a manual seen on Ebay. It was made by SART of Torino and had Sets 0-4 with conventional parts. * The highest PN in the 2 No.3 models seen.	
IMT	IL METALTECNICO		MP	IT		L				--	26					HF				IMT	Only a manual known. Cover has boy, Drilling Machine, & blueprints. Small 'educational?' set with some Slotted Strips & irregularly spaced slots, of various length, in Flanged Plate.	
IMP	IMPERATOR		RI	RT	13 --- 20 e*	F	----	o	----	--	31	---			3.5	--	--	---	---	IMP	Strips 5mm wide, 2-7"long, clip into Hubs 20mm A/F. *Listed '19, but 'not available' in '25 catalogue. Also sold as ANKER-METALL, -INGENIEUR, INGENIEUR, ANCHOR ENGINEER.	
IND	INDUSTRIE		LG	GE	19 *- 31 k						18*	15.0	5.1			W	*			IND	12mm wide Strips, small Spoked Wheels. Note use of Wing Nuts. Some models as PHANTASIE. * 1925 also reported. * Probably more. *Snap fasteners (poppers?) used earlier.	
IMI	INGENIERIA MECANICA INFANTIL,*	AR	SH	AR	45 c?- 55 c?	F	p 5/32	t	1/8"	--	64	10	p 4	p	4.0	HR				IMI	*Juego de. Mostly ML pts sf 10mm pitch & all rd holes sf M215. Unusual pts: 11h Flgd Sector Pl; 7h Trunnions; 13,17,21,29h Strips; 29h A/G; 13*3,5h Flex Pl; 5*9h & 5*13h Flgd Pl.	
ING1	INGENIEUR [1]		RI	GE																ING1	Another name for IMPERATOR q.v. Also sold as ANKER-METALL, -INGENIEUR. Dates from IMPERATOR.	
ING2	INGENIEUR [2]		OO	GE	19 c	L														ING2	Ref: Eisenzeit p178. Made by lhag GmbH, Nürnberg.	
INO1	INGÉNIO [1]		SH	FR	20 e							12.3	4.2							INO1	Parts appear to include a Plate with large central holes rather like STRUC, & some very decorative architectural panels. Manual cover has boy & girl with models on a table.	
INO2	INGÉNIO [2]		OO	FR	48															INO2	Name & date only.	
INO3	INGENIO [3]		NM	GE	48 k*	F	M3	p	----	--		9.0	* 3.4	---	3.2	HC	FF	6.0	5.4	INO3	White & red Plates, plus ¼ circular parts, which slide together to make 'cubical' models & vehicles. * ? from 1930s. * Also 5.5mm.	
IGR	INGÉNIO		OO	FR	40 l															IGR	No other details.	
IST	INGENIØRSAET		CK	SD	80 sk															IST	CONSTRUCTION [1] sets sold under this name in Sweden.	
INM	INGÉNIUM		SH	FR	47 --- 55						33	12	3.8			HR				INM	Has 27-hole Strips. Other parts include a 12h Strip, & Flanged Plates 5 & 10h long. Blue lid has slanting white name with red bands above & below.	
ISO	INSTRUCTO		RT	US	20 c?	F	----	-	----	--	16	w	---	---	6.4*	--	--	---	---	ISO	¼" rolled Tubes push into/onto Connectors. 8-spoke Connector can carry Tire. Infill card Plates in known set may not be original. * Nominal Ø of Tube, also used as axle.	
IOS	INSTRUCT-O-SCALE		NM	US	46 k*	A	----	-	----	--	8*	---	1.6	---	---	--	--	---	---	IOS	I Beams, Gussets, etc riveted together to make bridges & the like. * From Ebay. * Plus Tools.	
INT	INVENTOR		NM p	CZ	20 --- 25	Fp														INT	Lid shows grey Strips etc w some slots, said to be joined by 'Hooks as in scaffolding'. They were replaced by 3.5mm N&B & name (& design?) changed to MERKUR.	
INV	INVENTRIX		ST	UK	46 --- 58 *	F	M4	s	M4	--	40	12.5	4.1 m	4.1 m	4.0	SM*	FF	8.0 m	7.3 m	INV	Based on dull grey parts in German sets & painted pts in #3 set fr Inventrix Ltd, Liverpool (as MCS). Some pts like STABIL. *for firm. **Long Bolts C 7.2. (GE: HR 7.9 6.9 (lg Bolts 7.3)).	
IVA	INVICTA		TR	SP	33 --- 36	F	3.5x.8	-	----	--	14	7.8	* 3.7*	---	---	t	HT	FB	6.4	5.1	IVA	cf GOLIATH. V-pattern holes but Strips w fewer holes in outer rows may exist. Box lid has curly haired child w Aeroplane. *10.5 in Whl Discs. **8.1/3.9 also poss with 9.0 in Whl Disc.
	IOHOCTb																				Name in MCS for YUNOST'.	
I C	IRON CONSTRUCTOR, THE		NM	US	94 *	Bw		-	----	--	10a	Var	1.8	---	---	H *	BB	*		I C	Strips, etc with holes to allow braced frameworks to be made with Tie Rods, etc. * Also patented in 1894. ** T Bolt with thread on sides of leg only, to allowfinger tightening.	
ICD	IRON CONSTRUCTOR AND *		NM	US	95	Bw	2x	-	----	--	12	Var	1.8	---	---	R *	BB	*		ICD	DEMONSTRATOR, THE PRACTICAL. Development of THE IRON CONSTRUCTOR with simplified parts. ** T Bolt with thread on sides of leg only.	
ITC	ITALMECC		MM	IT		F						12.7*								ITC	R/g MECCANO-like with a few MÄRKLIN-like parts, inc 5*11h Flgd Plate. 1" Pulleys appear to be cast & painted blue. * ½" pitch not confirmed..	
J&J	JACK & JILL DANDY *		NM	US	49 k?	A	5-40;¼x20	-	----	--	15	Var	3.9	---	---	HR	FN *	7.8	5.7	J&J	* 2 names on canister: JACK [JILL] DANDY CONSTRUCTION SET. Parts include a DAS w threaded centre hole for threaded Crank Handle. Canister used in some models. * FF or FD Nut. See IK BOUW / JE CONSTRUIS	
J C	JE CONSTRUIS / IK BOUW																					
J A	JEEP AUTO		OO	BE																J A	Name only.	
JEP	JEP, JE-IL, JIEL*		ML	KO	80 c-- 98 +	F	M4	d	M4	38	144	12.7	4.3	4.2		HR	FK *	6.9	SM	JEP	Basic parts identical to MECCANO, but original parts added later. Sets inc No.4 Army. *JEP is English market name; JE-IL, JIEL fr Korean. *K for Army, probably I or B for other sets.	
JFT	JEU FAIT TOUT		OO	FR	35 ck															JFT	Name only.	
JEU	JEULIN		MC	FR	63 --- 70	F	5/32W	d	5/32W	38		12.7	4.2			SC *	FB *	6.4*	5.5*	JEU	4 sets made by Jeulin for schools etc with standard & Elek French blue/gold MECCANO parts plus a few others, eg Hooks, Weights. **** assumed as MECCANO.	
JIF	JIFFY BUILDER		MP	US	W2 a		4-48	*	----	--	9	12.7	3.5	2.9*	---	t	HR	FD *	4.7*	4.9*	JIF	Very like GIRDER-BILT, & in very similar canister but red/green. * Also? 4-?. * In hard, red rubber Wheel. *** Also Bolt FD 5.1 Ø, Nut BN 5.7 A/F.
JOC	JOC MECANO		ML	RO	70 c															JOC	Model sheet shows rather badly drawn small models made of Strips, Flgd Plate, Wheels, Axles, etc.	
JOL	JOLEI		SH	GE	W2 a-- 50 e?	A	M4	p	----	--	12a	11.0	4.4	---	---	SR	F	7	p 7	p	JOL	Strips, DAS. A/B in Set 0. Few, if any, more different parts in Set 1.
JDG	JOUET DÉMONTABLE GILBERT	GT	NM	US	19 --- 22															JDG	French name of GILBERT NEW WHEEL TOY sets.	
JRE	JR ENGINEER		MP	US	46 k	AF	6-40	s	6-40	21 a	27	12.7	3.6	3.6	3.2	HC *	FF *	7.7	5.5	JRE	2 phases w some diff parts. 1" mostly aluminium; 2" mostly steel. Painted Plates in both. *Sq Nut in manual. **Ph.2: Nut H BB 6.4; Bolt H w slot FN 6.6. M head on longer Bolts.	
JMA	JUEGO METALICO DE ARMAR F.M.	AR		AR	45 --- 55	F					106*	12.7	4.2							JMA	Illustrations of parts & set contents just like MECCANO, but parts inc M55,145,146,146a,160,161,196,197,198, & sets only go to #6. * Not all seen & PNs to at least 148.	
JUG	JUGA		LG	FR	47 *- 50s	F	4x.75	e	----	--	36	14.0	4.1	---	3.8*	HR	FF *	7.0	7.0	JUG	Parts include large braced Frames, some tapered. Strips: 8mm wide; 22mm wide with TRIX pattern holes. * TM registered. * Some 4mm. * Nuts also brass.	
JUN1	JUNEERO [1]		DY	UK	35 --- 56 *	F	6BA	d	6BA	40	39*	10	* 3.0	2.7	2.6	HR	FF	4.8*	4.6	JUN1	Pat 441157/34. Strips 9.6mm wide. Pulleys & Tyres marked JUNEERO. * On sale in Holland in 1962. * Plus Tools. * & 6.5 in Pulleys. * Most Nuts probably 1/4".	
JUN2	JUNEERO [2]		DY	CA	40 l?-	F					--	22*	---			HC				JUN2	Limited range of parts, similar or identical to UK, said to have been made in Canada. * Including Tools.	
JNR1	JUNIOR [1]		TR	SD?		F	1/8x				--	23a	8	3	---	t	HM?	S		JNR1	3 sets probably similar to UK TRIX Units A, B, C. Chrome plated parts. Printing on material seen is Swedish but country of origin not entirely certain.	
JNR2	JUNIOR [2]		CH p	*	04 k							30+								JNR2	5 sets w red/blue packing (2 blister cards; 3 boxes) for 14-20 models ea. Small TOYMAN on lids. Silvery Strips, Flgd Plates; blue Flex Pl; red Whls & ?Trunnions. * English text.	
J M	JUNIOR MECHANIC		MP	US	46 p-- 50 s?	A	5-40	-	----	--	13	12.7	3.5	---	3.2 t*	HR	FF *	7.9*	5.8	J M	Flgd Plates have holes only in flanges. cf ACS made in same town. Strips, Brkts have 45° cropped corners but may exist with sq ends. *Crank Handle only. **Also Nuts AA, 7.7 A/F.	
KAK	KA-KA-HA		MP	GE p	51 k?*	L														KAK	An Ebay set has black Strips, Brkts, & A/Gs; red, blue, green, black Plates; red Plys; silver Flgd Disc. Lid has large Suspension Bridge & other smaller models. *fr PR: it also has '335'.	
K X	KARL MARX ROCKET BUILDER		AS	RS	48 k	F	M3	-	----	--	14	Var	3.5	---	3.0	HR	FD	5.6 m	5.4	K X	Special parts to build 8 models with 2½" Ø body & 3 each large & small Fins.	
K&S	KARUSSELL- UND SCHAUBUDENBAU		OO	GE	24															K&S	Maker J. Schneider, see <i>Baukästen</i> p306.	
KDO	K.do		OO	FR	50 c															KDO	No other details.	
KIM	KEIM		KM BD	GE	23 c-- 28 c	F	----	-	----	--	8	---	---	---	---	--	--	---	---	KIM	Very small models from metal parts that push together. Plates probably printed differently on each side.	
KEL	KELLER		NM	GE	91 ---	F	----	-	----	--										KEL	Delicate parts which push together to make Bridges. Strips into T Girders for instance. Brick piers often used.	
KPH	KELMAR POW'R HOUSE		NM	US	47 k															KPH	Special parts in sets for Ferris Wheel & Roundabout, with a few common to both. Also one or more sets to make a Motor for them.	
KKO	KIKO		MP	FR	46 *	F	5/32W	-	----	--	19	12.7	* 4.4*		4.0	SP *	F	7.0		KKO	Preceded KITOU. Black parts w round holes but Model Leaflet has most slotted. *Name registered in 1947. *A/G pitch abt 1½". *4.3 also reported. *Hex Nuts also poss.	
K E	KINCO ENGINEER *		BM MP	UK	22 --- 24	F	p				--	10+	12.7 p 4 ?							K E	From G&T. Wavy 'economy' Strips (narrowed between holes. * May have also been called KINCO ENGINEERING.	
KIN	KINCO ENGINEERING *		BM LG	UK	20 --- 22	F		*			27	31.8	* 3.8			HR	B			KIN	Unusual very narrow Strips with holes in 'bosses'. * In ads first called KINCO MECHANICAL ENGINEER. * Smaller than 5/32". * 1¼".	
KKR	KINDER-KONSTRUKTEUR, Der		SH	GD	W2 ap	A	M3				36	7.5	3.2							KKR	Many of the parts are like miniature STABIL. The Flanged Plate & 5h dia Disc in the Crane and Motorcycle & Sidecar on lid do not match the actual parts.	
KMA	KINEMA		RT	GE	46 c-- 50	F				-- *	70	10	6 *		6					KMA	6mm Tubes with 1.5mm holes through (spaced at 10mm) joined by Split Pins or Unions. * Sprockets only. * In various parts, as well as the holes in the Tubes.	
K T	KIS TECHNIKUS		HA	HU	50 sp	A				--		15			3.3					K T	Strips have square ends. Made by same firm as TECHNOKID with same parts.	

REF	CODES (A for single columns) NAME	B Mfr	C TYPE	D CY	E -DATES-	F Matl	G THREAD	H	G BS- THR'D	DP	I Parts	Pitch	dST	dBS	DAXL	J NB	F MF	K A/F	DHD	REF	L plus some A-J COMMENTS	
KTO	KITANO		ML	UK	47 a-	FA	5BA	-	----	--	13	12.7	4.2 m	---	---	HR	FF	6.3	5.5	KTO	Strips & Brackets, no wheels or axles. Most parts steel but DAS aluminium. Holes 3.9-4.4. Parts not unlike LYNX but holes larger.	
KIT	KITOU		SH	FR	46 *	F	5/32W	-	----	--	19	12.6 *	4.4 *		4.0	SP *	F	7.0		KIT	Followed KIKO. Silver painted parts w round holes at first, then many slotted. *Name registered in 1947. *Mean, fr 12.5-12.7. Abt 1½" in A/G. *4.3 also reported. *Hex Nuts also poss.	
KSK	KITSPOCK		ML	BZ	80 c-- 90 c	F	5/32W	d *	5/32W		50*	12.7	4.1	4.1 m	4 p	HR	FQ	6.4 p	6.9	KSK	Most parts MECCANO-like but some changed, eg extra holes, flat top 126. Some holes may be oversize instead of slots. * Some s/t. * Estimate, may be more.	
KLX	KLAX		ER	US	25 k															KLX	Set to make Clock using some ERECTOR parts.	
KLT	KLIPIT		RT	UK	14 *- 30 e	Fw	1/8W	* s	1/8W	22	49*	---	---	4.9	4.8 m	HC *	FD	6.4	4.9	KLT	Hobbies. 1/2" wide wood Strips held by push on Clips; metal fittings. * Possibly 1913. * Threaded Pin only. * Inc 12 lengths of wood & 9 Clips. * Also R head, 5.5mm dia.	
KLO	KLIPTIKO		RT	UK	13 -- 39 k	F	1/8W	-	----	--	20	---	---	10.1	9.5 a	SC	FB *	5.6	6.4	KLO	Tubes of about 3/8" dia, also used as Axles, joined by similar tubes with springy forked ends. See also SNAPSTICKS. * Bolt FF.	
KMS	KMS		ES	UK																KMS	Lid has: 'Construct without Tools The KMS Way'. Maker: Instructive Models Ltd. The Model F set seen has bright Brackets & electrical parts to make an Electric Motor.	
K H	KNIGHTS HEAD		NM	UK	46 cp	F	5/32x	o	----	--	31*	Var	4			HC				K H	Mostly special parts for particular models. * In Gantry Crane.	
KNI	KNIRPS		WA ST	GE	32 -- W2	F	5/32W	-	----	--	16	12.5	4.2	---	---	t	HC			KNI	2 small sets K1 & K2, containing standard STABIL parts (with cheap finish), and a few special parts.	
KNO	KNÖLL		MA	GE	p	Fp		t			20*									KNO	Parts look like simplified MÄRKLIN, with variations, in nickel, red, blue, grey, white.	
KLR	KOBLER		RT	SW	48 k	A	p													KLR	Rods, possibly 4mm, joined with formed Clips & Unions, plus Plates etc. Manual cover might be from 1950s.	
KOM	KOMBINATION		NM	GE	30 kp	Lp						8.5 e	3 *							KOM	Strange parts with mix of metal, ceramic, & possibly wood. Some Strips, Brackets brown colour. Lid has Big Wheel & boy on floor playing with small Loco. * 3-3½ estimated.	
KMB	KOMEB		ME			Fp						10 p								KMB	Lid of Set EMP 1003 has MERKUR Motor & Battery Box on it. * Words on the lid could be Czech, Polish, or Serbo-Croat & the letters in KOMEB could be Cyrillic.	
KZM	KOMPLEKT ZAKONSTRUIRANE*		ML	BU		F	M4					12.7 *			4.0					KZM	*OT METAL. The No.2 set known is very similar in content & models to the Liverpool 1970-77 set. *Irregular in the Strips.	
KNA	KONSTRUKTA		UK	UK	52 k	F	5/32W	*	5/32W	38	36	12.7	4.1	4.1	4.0	SC *	FF *	7.9 m	5.9 m	KNA	cf BEAVER. Gear seen is 57t, not 53 as in MCS. *Or 3BA, both given in Parts List. ** R head, FB, 7.0 DHD, also seen.	
KNN	KONSTRUKTION		CK	GD	56 -- 60 m*	F	M4	s	M4		81	10.0	4.1	4.2	4.0 t	HT	FN	7.0	6.9 m	KNN	Forerunner of CONSTRUCTION [1]. KONSTRUKTION moulded into large Tyres. 3 phases, the last very similar to CONSTRUCTION. * Dates need verifying.	
KTR	KONSTRUKTIONER		RT	SD	52 c--	F	M3	d	M3	--	50a	14.0 x	3.1 *	6.0 *	6.0 *	HC	FK	5.9	5.3 m	KTR	Selection of standard FAC parts for small models made from Rods & Clamps. Relevant data as FAC. *In Clamps, no Strips. ** 4.0 also & 4.0 structural Rods.	
KSL	KONSTRUKTIONSPIEL		SH	GE	40 lk	FA	* M3; M2.6 *	-	----	--	16	7.0	3.1	---	---	HT	FF *	5.2 *	5.8 *	KSL	3 Strips up to 11h & Brackets from them, plus Pulley. Also card Face w dunce's cap & Scale for Balance. ** A mix in sets seen. * Some Nuts FD. * 4.9-5.2. * 4.9 for M2.6.	
KSE	KONSTRUKTIONSSPIELE		MP	GE	20 s?*	A	*													KSE	Made by T & H Co. All known: box lid w boy & Rly Bridge (fr Strips & Flgd Pl; man'l w just 10 Modelle on it. *The boy on the lid looks more '30s or later than '20s. *From possible parts.	
KØR	KONSTRUKTØR		OO	DE	p															KØR	Name only.	
	KONSTRUKTOR, & KONSTRUKTOR [2]																				Names used in MCS/NZ & /FB respectively for X.	
	KONSTRUKTOR [1]																				Name used in MCS/FB for KONSTRUKTOR SHKOL'NIK.	
KNR2	KONSTRUKTOR [2]		LG	RS	-- 80 s					--	37	13.3	4.0			HR		S		KNR2	Parts inc 3-15h Strips, 9,17,21h A/Gs, 6h Bush Wheel & Wheel Disc, Semi-perf Plates, rubber (probably) Track.	
	KONSTRUKTOR [2]																				Name used in MCS/FB for SEL'KHOZTEKHNIKA.	
KNR3	KONSTRUKTOR [3]		SH	RS	75 -- 89 k	A	M4	d	M3	* --	48	10.0	4.3 *		3.9	HR	F	6		KNR3	Compare with SONNEBERGER. Later sets called CONSTRUCTOR, * May be M4 in some sets. *4.5 also reported & some holes 5.3.	
KNR4	KONSTRUKTOR [4]		ST	RS	80 s	F		-	----	--	27	12.5	4.4		---	t	HR			KNR4	Small selection of STABIL-like parts.	
KNR4A	KONSTRUKTOR [4A]		ST	RS		F		-	----	--	25a	12.5 p			---	t				KNR4A	Set similar to KONSTRUKTOR [4] but coloured parts, & thus it may be earlier. The Windmill model shown on Ebay is identical to one for KNR4 but crudely drawn.	
	KONSTRUKTOR [5]																				Name used in MCS/FB for KONSTRUKTOR [2] (KNR2) in this List.	
KNR6	KONSTRUKTOR [6]		SH	RS	80 e	L	M4		M4	--	39	12.0	4.4			HC				KNR6	MECCANO-like parts & models.	
KNR7	KONSTRUKTOR [7]		SH ?	GD								10 ?				H				KNR7	Was listed as KONSTRUKTOR BAUVORLAGEN. Manual cover has simple Crane (Strips, 9*5h Perf Pl, 5h Ø Perf Circ Plate, 2h Ø Pulleys, no Axles). Hole pitch poor estimate only.	
KNR8	KONSTRUKTOR [8]		OO	GE																KNR8	Name only. This could be KONSTRUKTOR [7].	
KNR9	KONSTRUKTOR [9]		OO	PO																KNR9	Name only. Could this be MALY KONSTRUKTOR?	
KNR10	KONSTRUKTOR [10]		CK	RS	50 s?	L	M4	o	----	--	58	10.0	4		---	t	HF			KNR10	Parts appear to be very like early CONSTRUCTION, including 'turned' Pulleys, but no A/Gs.	
KNR11	KONSTRUKTOR [11]		CK	BS	94 k-- 98 k	F	M4	p	----	--	44	10.0	4.6	3.6	3.5 *	HR	FD	7.4	7.0	KNR11	Most pts like CNN1 but + Winch; Motor/Gear Unit. Sets: YUNY1, #2, E/M; & one sim #2 but no 2 after KONSTRUKTOR & has some coloured pts. *w M4 ends. Also, not seen, G/box Axles.	
KNR12	KONSTRUKTOR [12]		CK	RS	88 k	A	M4	-	----	--	45	10.0	4.4		---	t	HC			KNR12	Many parts & PNs like early KONSTRUKTION, but aluminium.	
KNR13	KONSTRUKTOR [13]		SH	RS	75 c-- 92 k*	F	M4	d	M4	p --	22	10.0	4.3			HR				KNR13	Probably older version of KONSTRUKTOR SHKOL'NIK. * Said to be date on back of manual in set with black parts.	
KNR14	KONSTRUKTOR [14] *		CK	PO	87 k	F	M4	s	M4	*	62	10.0	4.1 *	4.2	4.0 t	HC	FZ *	7.0	6.7	KNR14	* KONSTRUKTOR & CONSTRUCTOR on lid, manual. Parts very like CONSTRUCTION [1] but metallic black. * Only plastic Bevel. * 4.2 in other parts. * Nuts FN.	
KNR15	KONSTRUKTOR [15]		SH	RS	80 ek?	F	M4	t	M4	p --	44	10	4			*	HR			KNR15	Small set including 5h Ø Disc with rectangular hole pattern. Lid has a dumpy 'boy' waving a Spanner. * Axles with screwed ends.	
KNR16	KONSTRUKTOR [16]		SH p	RS	50 s?	L						10.0 p	4 p							KNR16	Set 1 Tekhnik lid is orange with an 'exploded' Tractor on it; Set 2 Mekhanik lid is orange with a Lathe. Some parts like KONSTRUKTOR-MEKHANIK [2].	
KNR17	KONSTRUKTOR [17]		CK	UN	* 03 k															KNR17	*German/Ukrainian production'. Most likely repacked Eitech CONSTRUCTION [1] parts or made under Eitech licence.	
KNR18	KONSTRUKTOR [18]		SH	RS		L	M4	p p	----	--	11+	10 p	4 p			HR	P			KNR18	Bright Strips, Plates, & black plastic Road Wheels.	
KNR19	KONSTRUKTOR [19]		SH	UN	* 03 +	Fp	M4	p				10 p				HR				KNR19	Mechanical & military sets but not sure they are by same maker. Bright parts with some like CONSTRUCTION; red Road Wheels & green Tyres. *Both have a 'Ukrainian' 'I' in their names.	
KNR20	KONSTRUKTOR [20]		SH	RS	07 k	F	M4	o	----	--	31	10	4		---	t	HT			KNR20	Many similarities to KONSTRUKTOR VOENNAYA TEKHNIKA & KONSTRUKTOR K 115 but 3 sets in series. Sets 1-3 have Scooter, unusual Mobile Crane, & Helicopter on their colourful sleeves.	
KNR21	KONSTRUKTOR [21]		CK	RS		A	M4	-	----	--	48	10.0	4.3	4.2	---	t	HR	FI	7.0	6.6	KNR21	Most parts like CONSTRUCTION [1]. Only set known has 2A & KNR6 logo on lid & manual cover. Expanded foam case has green label with small Ship on very wavy sea.
	KONSTRUKTOR BAUVORLAGEN																				Now KONSTRUKTOR [7]	
KRN	KONSTRUKTÖREN		TR	SD		L		-	----	--	24k					t	HR			KRN	Set 10 has content like TRIX A+B+C, + unusual Flgd Plate wbends along rows of holes. Also Sets 1-3 w non-std 3h wide Plate & 2*1h L-A/Gs, wooden Whls, as well as TRIX-like parts.	
K K	KONSTRUKTOR K 115		SH	BS	97 k	F	M4	p	----	--	28	10.0	4.3		3.9	HR	FQ	7.0	6.7	K K	Parts probably similar to VINTIK I SHPUNTIK. Name changed to K 115 (no dot) by later maker who also produced KONSTRUKTOR VOENNAYA TEKHNIKA, with a few changes to the parts.	
K M	KONSTRUKTOR MALYUKTA		SH	RS	91 ?-- 96 k	F	M4	-	----	--	16	10.0	4.3	---	4.0	HR	FN	6.9	7.0 m	K M	Small set with parts as KONSTRUKTOR UNIVERSAL'NYI, & by same manufacturer.	
K-M1	KONSTRUKTOR-MEKHANIK [1]		NM	RS	80 c						44					HR				K-M1	Special Braced Girders, some tapering, & many other special parts for Crane shown.	
K-M2	KONSTRUKTOR-MEKHANIK [2]		SH	RS		F	M4	d	M4	p --	51	10.0	4.1	4.2	3.9 *	HR	FD	7.1	6.1	K-M2	Black parts to make Cranes, etc. Large Multi-Jib Crane on manual cover. * 4.0 also reported.	
K M3	KONSTRUKTOR MEKHANIK [3]		SH	RS		A	M4	s	M3	17 *	45	10	4.3 *	4.2	3.9	HR	FI	* 7.9	6.8	K M3	Many parts similar to SONNEBERGER. * Mod 1.5. * Some holes in various parts 5.3 (instead of slotted holes). Nut AA.	
K-S	KONSTRUKTOR-SHKOL'NIK		SH ?	RS	50 s?- 70 s?					--	36					HR				K-S	WKOnbHNK in MCS/NZ. Parts inc all Strips 2-11h; 17h A/G; 3*7, 5*5h Flgd Plates; 3 & 5h Ø Pulleys with rings of 6 & 6+12h in faces. CAXAPOB name on manual cover.	
K S	KONSTRUKTOR SHKOL'NIK		SH	RS	90 mk	F	M4	d	M4	--	29	10.0	4.3	4.2	4.0	HR	FN	6.9	7.0	K S	Parts mostly fr KONSTRUKTOR UNIVERSAL'NYI, & by same maker. Russian name & TOY DESIGNER "SCHOOLBOY" on box.	
K I	KONSTRUKTOR SHKOL'NYI		CK	RS	95 k	Fp	M4	o	----	-- *	37	10.0	4.3	4.2	---	t	HR	FN *	8.0	6.7	K I	Metal parts mostly similar to CONSTRUCTION [1]. Plastic Wheels, Pulleys, Bevels. * Bevel only. * FK Nuts.
KSB	KONSTRUKTOR STAHL-BAUKASTENLG ?		GE			F		-	----	--	12*	13 ?				*				KSB	Ebay photo shows 12.6,4h Strips; 3*4h Flgd Plate. * Approx in one set seen. * Bolt with tapered silver 'Nut' which might be plastic, ali, or ?, and may push on.	
K U	KONSTRUKTOR UNIVERSAL'NYI *		SH	RS	90 ek-	Fp	M4	d	M4	--	41	10.0	4.3	4.3 m	4.0	HR	FN	6.9 *	7.0 *	K U	* Russian names & TOY MECCANO UNIVERSAL on box & manual. Plastic Plates and moulded parts. * Also pressed, 7.1mm. * Also 6.7mm.	
KVT	KON* VOENNAYA TEKHNIKA		SH	RS	95 k	F	M4	o	----	--	27	10.0	4.4	4.5 *	---	t	HC	FD	6.9	6.9	KVT	*KONSTRUKTOR. 'Army' set with many similarities to KONSTRUKTOR K 115, & maker also produced later version of K 115 (K 115, without the dot). * 4.6 in Bush Wheel.
K-I	KONSTRUKTOR-III		SH ?	RS							22					HR				K-I	Illustrated parts look just like KONSTRUKTOR [3], but fewer of them.	
KNX	KONSTRUX		SH	GE	46 c-- 50	F	M4	-	----	--	34*	12.0	4.1	---	---	t	HR	FD	8 ?	KNX	Long slots in many parts, usually rectangular. * In smallest set, but at least 10 more.	
KOP	KOPTOR		ES	US	24 k	L														KOP	Parts to make optical instruments.	
KOS	KOSMOS																			KOS	German manufacturer: see MASCHINENBAU, TECHNICAL KID, TECHNOFIX.	

REF	CODES (A for single columns) NAME	B Mfr	C TYPE	D CY	E -DATES-	F Matl	G THREAD	H	G BS- THR'D	DP	I Parts	Pitch	dST	dBS	DAXL	J NB	F MF	K A/F	DHD	REF	L plus some A-J COMMENTS	
KSR	KÖSTER		CR SH	GE	48 --- 51 k	FA	2.5x	-	----	--	52*	6.0	2.5 a	---		HC				KSR	Strips, A/Gs, etc, & special Plates to make railway models. * In Nr.80 set.	
KRU	KRÜGER		MP ?	GE*		A		-	----		18*			---	--	t				KRU	One set w all pts in 2 layers inc 5*11h Flgd Pl w centre 3*7 cutout; 7h Flgd Sector Pl w end flanges; 17t flat Gear; 10h Slotted Strip w no centre 2 'holes'. * Possibly DDR. * At least.	
KUK	KUKO		MP	GD	50 l															KUK	Photo of lid shows a boy playing with a Crane which has conventional, & possibly some special parts. Also a small Lorry.	
K B	KWIK BUILDER		MP	BE	50 c?*	F	5/32W	*	-	----	--	26a	13.0 *	5.0		4.5	HC	FB	8.0	7.0	K B	Parts inc Plates (2x2 - 3x9) with square corners. * 48-51 reported. * Some sets had M4 with DHD 6.9. * 12.7 also reported - an error or were there 2 phases? cf MERCATOR.
KWB	KW Metallbaukasten		SH	GD*	47 --- 48 k	F	M3	-	----	--	19	12.5	3.2 m	---	--	t	HC			KWB	Small range of plain steel parts inc 3-15h Strips, 5*11h Perf Plate, & 11h A/G with all round holes. * or GE.	
LCM	LA CONSTRUCTION MÉTALLIQUE		BD	FR	30 m	F		-	----	--	72	12.5			---	--	H			LCM	The main parts were 60 Flanged Plates, each available in 10 colours plus chrome plate. No other details to hand.	
LAV	LAVAZZA		BR MM	IT																LAV	Promo set with BRAL in small letters on lid. 2 sets seen on Ebay in 2005. See BRAL for details.	
LCL	L'ÉCOLE		ML	FR	64 k	F					66	12.7				4.1				LCL	MECCANO parts and a few others in a set for schools.	
L C	LE CONSTRUCTEUR *		LG BD	BE	46 ---	F	3.5x	d	3.5x	--	40	13 *	4.0		4.0	SR	FF	9		L C	Also called LE PETIT CONSTRUCTIONEUR (but ? only on manual cover). Various special Plates including gable ends, many with slotted holes. * 12.7 in MCS.	
LTK	LECTROKIT		ES	US	46 k	Ap	4-40	p	----	--	16	12.7 x	3.6	---	---	HR	FP		6.4 ?	LTK	Aluminium Strips with dark Insulating Plates.	
LED	LEDOM		RT	NZ	45 --- 49	FB	5/32W	d	5/32W	--	21*	6.35 *	4.0 *	3.3 *	3.3					LED	Also called MODEL ENGINEERING. Couplings/Clamping Brackets join Rods. * Set 0, Set 2 exists. * In Couplings. * In Brackets. * In Couplings.	
LKB	LEICHTMETALL-KON*-BAUKTEN		MA	GD	52 c	A	M4	s	M4	13 *	41	13.0	4.4	4.1	3.9	HC	AA	8.0	7.4	LKB	* KONSTRUKTIONS-BAUKASTEN. Basically a copy of MÄRKLIN made of aluminium, but with a hole pitch of 13mm. * Mod 2 Gear Rings..	
LJI	LE JEUNE INGÉNIEUR		ME ME	CA																LJI	The alternative name for YOUNG ENGINEER [1].	
LJM	LE JEUNE MÉCANICIEN		ML	BE	20 s?					--	50a	12.7	4.0							LJM	Probably the same as DER JUNGE MECHANIKER.	
L M	LE MÉCANO		OO	FR	50 c															L M	No other details.	
L T	LE MÉTALLO *		RT	FR	40 --- 60 s	F	* 3x.6	d	3x.6	--	24a	20.0	3.1	3.0	3.0	HR	FF	5.0	5.6	L T	* At some point name changed to METALLO-TECHNIC. Rods & a few 16mm wide Strips joined by Clamping Plates. * Aluminium Pulley.	
LEO	LEONARDO		MM	IT	47 k							12.7 p								LEO	Ad shows very large set in a wooden box with MECCANO & MÄRKLIN-style parts, & 2 model sheets, each of a large Crane.	
LPA	LE PETIT ARTISAN DE LA MÉC *		SH	BE							20	12.4	3.9							LPA	MÉCANIQUE. Holes are square instead of round. No other details.	
LPC	LE PETIT CONSTRUCTEUR		BR MM	FR	02 k							12.7 p								LPC	The only known set has parts to make a small Biplane, and they look like BRAL.	
LPE	LE PETIT ELECTROTECHNICIEN		ES	FR	99 k															LPE	See LE CONSTRUCTEUR. French name for MEHANO(TEHNIKA) Electrical set, q.v.	
LNV	LES NACELLES VOLANTES		NM	FR		F														LNV	Special parts to make Chair-O-Planes.	
LIL	LILIENTHAL		LG BD	GE	90 c	wq	----	-	----	--	10*	25 *		---		--	--	---	---	LIL	Buildings etc fr Strips & Brkts joined w Wire Clips & Wedges, w card infill Panels. A Windmill has steel Axle. **2 series of sets w same models: 1st: est 25-30mm pitch; 2nd: 3-4xlarger.	
LNG	LIL'N-GINEER		RT	CA*	50 s?	Fw	6-32	-	----	--	20	25.4	4		4.1	-F	FF	---	4.4	LNG	Apart from the Wheels it looks like ROBO/EL INGENIERO MECANICO. * Also US, with different maker.	
LIN	LINEOL PIONIER-BRÜCKE		NM	GE	35 p-- 40	Fw	----	-	----	--	6	--	6.5 a	---	---	* F	---	---		LIN	Strips w long slots for side frames joined by Cross Beams. Wood Planks form roadway. * Parts held by Wedges.	
LIC	L'INGÉNIEUR CONSTRUCTEUR		JP ML	FR	12 --- 14	F						12.7	4.1 p		3.9 p					LIC	First version of MÉCANIC [2], with ÉCÉPÉ between.	
LIF	L'INGÉNIEUR FRANÇAIS		TR	FR	32 ---	F	5/32W	-	----	--	16	6.35	4.1	---	--	t	SC	F		LIF	Appears identical to BRITISH MODEL BUILDER from the pages of a manual available.	
L W	L'INGÉNIEUR WALTHER		WA NM	FR	08 c-- 10 c															L W	Name for WALTHER'S INGENIEUR in French markets, but changed to ARTS ET MÉTIERS Serie 3 after c1910.	
LNX	LINX		UK	UK	45 k-- 47 k	F		-	----	--	Var					HR	FD			LNX	Sets for small DIY repairs with parts also used in LYNX sets. Probably very soon after WW2 & appeared before LYNX, but only lasted for a few years.	
LIO	LIONEL		RT	US	47 --- 49	A	----	s	4-40	--	56	Var *	3.4	3.3	3.2	--	--	---	---	LIO	Square Tubes, Plates, etc joined by 1/8x1/2" Rivets (6.3mm RH) & rubber Grommets. LIONEL moulded into Tyres. * .4" in Flgd Plate.	
LAE	LITTLE ANCHOR ENGINEER		RI RT	UK	14															LAE	Name used in 1914 ad for UK version of IMPERATOR , afterwards just ANCHOR ENGINEER(ING). * In Hubs.	
L E	LITTLE ENGINEER		ML	PO	50 s?					--	24	12.7	4			SC				L E	English name used for exported MALY INZYNIER. The basic parts in illustrations look just like MECCANO. Note 5*11h Flgd Plate with 4 flanges & 2 'saw' slots.	
L G	LITTLE GENIUS		RT	IN	92 k	Fp	M4	-	----	--	25	36.0 x	4.3	---	---	HH	FI	6.9	---	L G	Strips joined by N&B, 21mm Studs with hexagonal centre, & Spindles that screw into one another. Various plastic Plates. Also small plastic Horses & Teddy Bears.	
LGM	LITTLE GIANT MODEL MAKER		DY	US																LGM	JUNEERO like Tool. Few other details except maker, but Ebay set has Strips & Pulleys in it..	
L J1	LITTLE JIM [1]		GT ER	US	29 --- 32 *															L J1	Name used by J.C.Penney for DUPLEX STANDARD CONSTRUCTION TOY, q.v. for details. * Not necessarily for all this period.	
L J2	LITTLE JIM [2]		MU MP	TR	US	30 --- 31 *														L J2	Name used by J.C.Penney for MECCANO - GILBERT [b], q.v. for details, though range of sets & parts probably not as large. **Need verifying.	
L J3	LITTLE JIM [3]		MT CR	US																L J3	Name used by J.C.Penney for METALCRAFT Train Construction sets, q.v. for details.	
L L	LITTLE LEARNER		ER	US																L L	As far as is known sets with Gabriel ERECTOR parts packaged for Sears.	
L S	LONE STAR		UK	UK	55 k--	F	5BA	* d	5BA	--	31	12.7	4.2	3.3 *	3	SR *	FN	6.5	5.5	L S	Some parts similar to LYNX. Push-on rubber Road Wheels with CRESCENT ENGLAND around 'tyre' on one side. ** Data need verifying. * Hex Nut also shown in manual.	
LYN	LYNNCRAFT		MP	US	46 ---	A	8-32	s	6-32	--	18	12.7 *	4.8	4.2	4.0	HR *	FD	8.6	7.5 *	LYN	Strips w end holes & groove between for strength. Flgd Pl top has staggered 1" pitch holes. LYNNCRAFT moulded in Tyres. *Mostly, also 3/8, 3/4", & others. *Also sq Nuts. *Also 6.3.	
LYXa	LYNX [a]		UK	UK	45 --- 47	F	5BA	* p	----	--	22	9.5 *	3.5 *	---	3.3	HR	FD *	6.2	5.5	LYXa	Push-fit rubber Whl, Ply. *6BA qqf. *Strips 3/8", Flgd Pl 1/2", var in some Brkt. *3.8 in Flgd Pl. *Nuts often FN. For 6BA: Nuts BB 5.0 or FN 6.4 A/F; Bolts BB or FD/N 5.1m DHD.	
LYXb	LYNX [b]		UK	UK	47 --- 50 s	FA	* 5BA	* d	5BA	23	55	12.7 *	3.8	3.4	3.3	HR	FD *	6.2	5.5	LYXb	Packets of parts may be mkd LINX (in Ph a & b). A few pts mkd LYNX, some MADE IN ENGLAND. P-f rubber Whl, Ply. *Later most anodised A. *6BA qqf. *Var in some Brkt. *See above.	
MKT	MAAKEETS		MP BD	SA	60 b-- 70 s*	F	5/32x			26 *	86	12.7 x	4.2			HC				MKT	Pts inc 4 1/2" Face Plate, braced Crane Arm, Gear Box Side Plate. * Withdrawn 1960, reappeared 1965. * Approx, also large toothed Universal Gears, DP 10?, & matching Rack.	
MAB	MABA		LG	GE	46 c-- 50	F	M4			--	55	15.0 *	4 *		3.9	HR				MAB	Parts for models of machine tools. * Also 13.4mm. * Also 5mm. DER JUNGE MASCHINENBAUER has same?similar parts.	
MNK	MAC ET NICK		LG	FR	40 l*- 60 s*	FA	3x.6	*	-	----	--	100+	17.0	4.2 *	---	4.0	HR *	FF *	6.0 *	5.8 *	MNK	Flex steel Strips 15.6 wide; most parts A. Assembled w Eyelets & some N&B. **47-70 reported. Also reported: *1/8" W; *& 9 in some flanges. ****Also FD Nuts; Bolts: C FF 5.0, D BD 5.6.
MHO	MACHINO		ML p	IN																MHO	A Set No.0 reported with red/green parts strung to a backing card.	
MCN	MACON		MB	SP		Fw	----	p	----	--	14p	12.7	4	---	4	--	--	---	---	MCN	Parts similar to CLOU & MATCH BOX CONSTRUCTION SET [2/3] but approx 1.5 times larger. Models shown are identical.	
MAD	MÄDLER'S Metall-Bau-Kunst		MM SH	GE	20 e?	F	4x	s	4x	40 *	45	12.5	4.0		4.0	HC	FF *	8.0		MAD	MECCANO- & MÄRKLIN-type parts, nickel at first, then blackened. Lid has colourful river scene. * Mod .63. * Nut nickel, then blackened,	
MAF	MAFELL		NM	GE	30 s*	F														MAF	A fewparts for child sized models eg Bench, Push Chair. Maker: Fellbach GmbH, Stuttgart-Fellbach/Württ. Strips etc have interlocking grooves. cf GILBERT NEW WHEEL TOY. * UK pat '29.	
MAG	MAGNETO		OO	GE	30 e	F														MAG	Large, heavy steel parts, with Wheels & Axles. No other details.	
MAJ	MAJSTER KOWICZ		MP	PO				t				12.7 a				H				MAJ	Simple set seen has silver MECCANO-like parts except slotted Trunnions, plastic Wheels, small-handled wire Screwdriver. Lid has small red line drawings of models on yellow ground.	
MAK	MAKE-A-BIKE		RT	US	W2 ap															MAK	See CASTCO.	
MAK	MAKE-AND-KNOW		ML ?	IN	? 80 ck	L						12.7								MAK	Small set with MECCANO-like parts bought in India.	
MKK	MAKSIMKO		NM	RS	? 05 k*	Fp	M4; M3	*	-	----		60*				t	HR			MKK	Metal plus 'Lego' parts. * Seen on Ebay. * M3 Screwed Rods.. * Approx. inc some 20 metal.	
MKL	MAKUMAL		RT	US	28 **	wF	----	-	8-32	* --	10	---	---	8	8	-R *	FD	---	7.4	MKL	5/16" wooden Rods held in U-Clamps. Wooden Pulleys. * Patent date. ** Used only in clamps.	
M Z	MALY INZYNIER		ML	PO	59 kp	F	M4	s	M4	--	24	12.7 *	4.3 m	4.2 m	4.0	SC *	FF	7.3	7.1 m	M Z	This system exported as LITTLE ENGINEER. * 12.5 in some parts. * Double V scwdriver slot in head.	
MLY	MALY KONSTRUKTOR		SH	PO	84 k-- 85 k	F	M4	-	* ----	-- *	68	10.0	4.3	4.1	4.0	HR	FN	7.0	6.8 m	MLY	Many pts like CONSTRUCTION but rounded corners & all A/G holes round. Also, ald Plastic Plates, many metal Perf Plates, & 6*6,12h. All Whls plastic. *Some push-fit. *Only Ratchet Whl.	
MSH	MALYSH *		CK	RS	80 --- 95	F					20	10.0	4.0 m		---	t	HC			MSH	Parts look just like CONSTRUCTION [1] & are nickeled. *MAL'YCH is alternative rendering of Russian name used by Constructorama.	
MAM	M. A. M.		MP	FR	53 k															MAM	Ad in MCS shows nice Tower Crane but does not show any parts clearly or method of construction.	

REF	CODES (A for single columns) NAME	B Mfr	C TYPE	D CY	E -DATES-	F Matl	G THREAD	H BS-	G THR'D	DP	I Parts	Pitch	dST	dBS	DAXL	J NB	F MF	K A/F	DHD	REF	L plus some A-J COMMENTS		
MF	MANUFAX		DY	UK	31 --- 47 k	F	---	-	---	--	76a	---	---	---	* --- *	--	--	---	---	MF	Laminated Strips & various section Girders, with no holes, to be cut to length & joined by tinplate Clips with lugs wrapped over using Pliers. Range of railway accessories. **In Bogey.		
MAR	MÄRKLIN	MA	MA	GE	19 --- 00 *	F	5/32W	d *	5/32W	38 *	260*	12.7	4.3 *	4.0 *	4.0	HT *	FB	8.0 m	6.2	MAR	*+ '04 Digger set w pts by Metallus. *s/t early/late. *+ Rings 14.5. *Exc elec pts, & abt 20, mostly plas, in 80s theme sets. ***c'20: dST=4.2; dBS=4.1; P head Bolt. '89: c Bolt head.		
MAA	MÄRKLIN AEROPLANE	MA	AS	GE	39 k					--		Var	4.1							MAA	Probably mainly special parts for 1 or very limited number of Ju.52 type models.		
MAC	MÄRKLIN AUTO	MA	CR	GE	33 k-- 53 c	F					48*	Var								MAC	One Chassis set & 7 for Bodies, see MCS. * For Chassis.		
MAE	MÄRKLIN ELEX	MA	ES	GE	31 --- 62	FB	5/32W		5/32W	38	74	12.7	4.1			HC	B			MAE	Standard & special parts for a wide range of models.		
MAI	MÄRKLIN MARBI	MA	MA	GE	33 --- 39	F	5/32W	-	---	38	24	12.7	4.2	---	---	t	HC			MAI	Unpainted MÄRKLIN parts with some differences eg no bosses. Also Screwed Rods & a Wheel Disc.		
MAX	MÄRKLIN MINEX	MA	MA	SH	GE	39 --- 45 c	AF	6BA	* s	6BA	* 39*	110	6.35	2.9	2.9	2.8 p	HC	FB	5.0	4.0	MAX	Alloy Strips, A/Gs, Flexible Plates; steel Flanged Plates, Brackets. MÄRKLIN on Large Tyres. **or German equivalent perhaps. *Mod .65.	
M&S	MARKS & SPENCER	ML	CK	UK	05 c-- 09 +*	F														M&S	Specially packaged sets with MECCANO or CONSTRUCTION on boxes as well as M&S. * CONSTRUCTION only In early years.		
K N	MASCHINENBAU		NM	GE	30 ---	L				t										K N	A Kosmos system. Semi-specialised parts to build machine tools.		
M W	MASSTER KOWIES		OO	PO																M W	Name only.		
M B	MASTER BUILDER	MP		US	15 c-- 24 ?	F	8-32	*			32 *	57	12.7	4.2 *		4	SR *	FN	8.8	7.6 *	M B	Pts inc 3 Formed Str, curvy Triang Pl, 5*4,11h Flgd Pl, 8h Flgd Sector Pl w 2 45° slots, 4" Tube, 3" Whl. *&? 5/32x30. *fr Pinion. *4.1,4.3 in some pts. *H Nuts shown too. *&? 7.3.	
MBRa	MASTERBUILDER [a] *	MP		UK	46 --- 49	Fp	* 1/8W	d	1/8W	40	49*	12.7	4.0	3.9	3.9	SC	FB	* 6.4	4.7	MBRa	Many pts marked KW+PN. Plates Bakelite, 3.3mm thick. **Early sets may have been called METALWORK w some light alloy parts. *For Set 2 (Set 3 largest). *Also BB Nuts.		
MBRb	MASTERBUILDER [b]	MP		UK	49 --- 50 e	F	1/8W	d	1/8W	40	57	12.7	4.0	3.9	4.1	SC	FB	* 6.4	4.7 *	MBRb	All parts painted. New parts inc metal Perf & Flgd plates, but some parts dropped. Many parts have KW+PN on them. * Nuts FN. * ½" Bolts are BB w 5.4 RH.		
M_M	MASTER MECHANIC	DY	?	US																M_M	Only a manual cover seen. May be for making models from various materials.		
MBC1	MATCH BOX CONSTR'N* SET [1]	MB		US	30 s?	Fw	---	p	---	--	14	8.7	3.3 m	3.0	3.0	--	--	---			MBC1	CONSTRUCTION. The original entry was based on 'MBC2' in OSN 6 but it is now thought that the MCS set was either MBC2 or MBC3 below.	
MBC2	MATCH BOX CONSTR'N* SET [2]	MB		JA	50 s?	Fw	---	o	---	--	14	8.7	3.4 m	3.3 m	3.1 m	--	--	---			MBC2	CONSTRUCTION. Mfr: Louis Marx. Sm parts similar to CLOU but Whl ald Pulley. Box top has boy w Buildings; bottom has Vest Pocket Builder, cross, 4 medals (not as CLOU).	
MBC3	MATCH BOX CONSTR'N* SET [3]	MB		JA	50 s?	Fw	---	o	---	--	14	8.7	3.4 m	3.3 m	3.1 m	--	--	---			MBC3	CONSTRUCTION. OSN6: MBC1. Mfr: LINEMAR. Pts like CLOU. Box top as MBC2 sf mfr; btm has Vest Pocket Builder & 100 Toys in One. Sets known ss Linemar name or w it blacked out.	
MBC4	MATCH BOX CONSTR'N* SET [4]	MB		JA	50 s?	Fw	---	o	---	--	14	8.7	3.4 m	3.3 m	3.1 m	--	--	---			MBC4	CONSTRUCTION. Name on folded card clipped to top of clear bag with blacked out Linemar (MBC3) set inside.	
MTT	MA TOUR CONSTRUIT	NM		FR	30 s	FA	M4	s	M4	--	40	10.0 x	4.1	4.1	4.0	HR	FF	8.0	7.2	MTT	Like simplified STANDARD L.R. (no indentations, Clips, Gears, etc, etc) but also aluminium Plates with impressed circles.		
MAH	MAXHINA	MP		IN	60 s?	F	1/8W	d	1/8W		53*	12.7	3.4 *	3.4 *	3.2	HR *	FF	6.1	5.1	MAH	Looks like MECCANO but holes smaller. Larger sets than the #9 seen. * In Set 9, a No.10 was listed. * 3.3-3.5. * Badly made. * Also SR (6.1/5.3); & C head shown in manuals.		
M-F	MAXI-FUN	OO																		M-F	Name only.		
MAY	MAYKO	ML		IN								12.7 ?								MAY	Copy of manual cover is similar to the MECCANO one of 1934-36 & 45-47 with Giant Block-Setting Crane.		
MCD	M.C.D.	OO		NE																MCD	No other details.		
MBKA	MEBAKA	MP		GE	40 s?	F														MBKA	Lid has 2 children & a Largish Crane. Parts seen are Strips, 11*7h Plate with edge & centre cross holes, black Wheels, plastic probably.		
MEB	MEBAU	MP		GE	30 s?	FL*	M4	-	---	--	11	Var	4	---	---	SM	F	7	a	7	a	MEB	The only known set is to build Bridges with special Plates & Strips. *Decking Plates are of an unknown, very heavy metal.
MECA	MECA	ML		ME	50 sp*	F	7-32	s	5-40	--	27*	12.7	4.7 *	4.1	4.0 m*	SR	FQ	8.8	7.2	MECA	Small No.2 set seen has red/green parts, some unlike MECCANO, but models are MECCANO copies. Name on box: MECANO 2. *After 1954. *In Set 2. *Some smaller to 4.2. *3.9-4.1.		
MBL	MECABEL	SH		BE	40 s?	F	3.5x.8	d	3.0x.6	--	22	10.0	3.9	3.5	3.4	HR *	FK	8.3	6.0	MBL	Strips, Flgd Plate with slots between many pairs of holes. Boy & large Big Wheel on manual cover. * Sq Nuts shown in models.		
M-A	MÉC-AÉRO	AS	p	FR	30 s															M-A	No other details.		
MCF	MÉCAFER	OO		FR	50 s															MCF	No other details.		
M L	MÉCA LABO	PR		FR	50 s-- 80 s						180	20.0	5.5							M L	Base boards with supports for gearing.		
MAT	MÉCAMOTEUR	OO		FR	60 s?															MAT	No other details.		
MTO	MÉCANAUTO	CR	?	FR	20 e															MTO	Name used in patent for a system like AUTO-CYCLE, by same manufacturer. No sets or parts known.		
MCNX	MECANEX	MA		SW	44 *- 48 *-	A	3x				22k	12.7 *	4		4					MCNX	Unpainted aluminium parts with red steel or brass Pulleys. **1946-7 also mentioned. *12.65.		
MEC1	MECANIC [1]	MR	SH	BE	20 s?							12.4	5.0								MEC1	Said in MCS to be a simple system from same family as MERCATOR. Boy 'riding' Floatplane on manual cover.	
MEC2	MECANIC [2]	JP	ML	FR	21 --- 23	F	5/32W	s	5/32W		80a	12.7	4.3 *	4.2	3.9 *	SC	BB	6.4	5.4	MEC2	Unusual Propeller, Spoked Wheels, Toothed Segment, etc. Followed L'INGÉNIEUR CONSTRUCTEUR & ÉCÉPÉ. * A few holes smaller; also reported as 4.1. * Reported.		
MEC3	MECANIC [3]	ML		BZ	56 k-- 57 k*					--		12.7	4.2								MEC3	* From '56-57 list. Sets appear as the then current 0-3 MECCANO but with MECANIC on the box lids, The parts though may have been made locally.	
MEC4	MECANIC [4]	MM		SD	48 --- 62 *	F	5/32W	d		37	143	13.0	4.3	4.1		HC					MEC4	As MEKANIK [2], & * supposed at end of period given. Data from MEKANIK [2].	
MEC5	MECANIC [5]	LG		GE	48 --- 49	F	M4	d	M4	13 *	51*	13.0	4.2	4.0	4.0	HD	FN	7.9	7.5	MEC5	Earlier name of MEKANIK [1]. Data from parts believed MEKANIK. * Mod 2. * In only manual seen, date unknown but only Sets 1 & 2 advertised.		
MEC6	MECANIC [6]	MP		BE	?																MEC6	A box on Ebay has a lid showing a boy with small green models & similar model sheets in B&W. Could be MECANIC [1].	
M I	MECANICA INFANTIL	SH		AR	44 --- 55		5/32x			--	63	10.0 *	4.3 *		4.0	HR					M I	Parts mostly like MECCANO but 7h Trunnions, 6h Whl Disc/Bush Whl. Models are MECCANO so some parts in them do not correspond to those illustrated. **From MCS, needs confirming.	
MRC	MECÂNICA RECREATIVA	ML		BZ	W2 ap	F						12.7 p									MRC	Parts are red/green & look exactly as MECCANO but pitch etc not confirmed. The manual model seen is copy of a MECCANO No.6 1937-47.	
MNT	MECANIKIT	UK		UK	45 ap	F	* 3/16W			--	12*	12.7	4.6		4.0	SR *	FF	9.5 *	8.3	MNT	Identical to TECNIKIT. * Also aluminium Strips, A/Bs, Axles. * In Set 0. ** Also hex 9.7 A/F.		
MAO1	MECANO [1]	OO		BE	? 50 sk	L															MAO1	Set received as present in Belgium.	
MAO2	MECANO [2]	LG		CO	48 a	F	5/32W	s	5/32W	13 *	30	13.0	4.3	4.2	4.0	SR	FF	8.5	7.5	MAO2	Most parts close copy of German MEKANIK, but not so well made & no slotted holes. * Mod 2.		
MVN1	MÉCAVION [1]	AS		FR	28 --- 50 s	F	* M3.5			--	55a	Var	3.6	---	3.5	HF	FN	6.0	6.0	MVN1	Fair range of typical 'Aero' parts for good selection of models, inc multi-engined. * Ads refer to aluminium but this may be colour, or wartime material.		
MVN2	MÉCAVION [2]	AS		FR	30 sp	F					24e		3.2								MVN2	Smaller range of smaller parts to make fewer, smaller models, span 33cm. Probably 3 sets: 0, 00, 000, all called Baby. 2 types: Wings rectangular, then elliptical, with change c1934.	
MVN3	MÉCAVION [3]	AS		FR	50 sp	FA					28e					HP					MVN3	A set called PILOTE D'ESSAIS (Test Pilot) with parts to make 3 basically similar, very realistic models with 2, 3, or 4 engines; all with twin Fins and 54cm span.	
MVN4	MÉCAVION [4]	AS		FR	50 sp	F															MVN4	One Set makes at least 2 similar jet aircraft. Its lid shows these & 3 others, inc a Meteor twin-engined type, which can prob be made with a larger or add-on set.	
M-B	MEC-BRAS	ML		BZ	60 c-- 65 c	F	5/32W	d	5/32W	38 p	80*	12.7	4.1	4.1 m	4.0 *	SR	BB	6.4 p	7.2	M-B	Parts & models very like MECCANO; manufacturer sold MECANIC [3]. * At least, PNs up to 250. * Crank Handle.		
M-N	MECCA-MINI	OO																			M-N	Name only, except that Strips are probably 4mm wide or less.	
MNO	MECCANICO	BR	MM	IT	W2 a																MNO	Another name for BRAL, q.v., & same parts as far as is known. Date from post-WW2 boy on manual cover.	
M O	MECCANICO ITALIANO	BR?	MM	IT																	M O	Possibly BRAL.	
MCO	MECCANO	MC	MC	UK	07 --- 09 +	F	5/32W	† d *	5/32W	† 38 *	400*	12.7	4.3 *	4.1	4.1	SC	FB	* 6.4 *	5.5 *	MCO	†† may be 7-32 fr c'03. *Clips hold whls >12, s/t >28. * & 16; earlier 40. *approx >c'80. *NS: 4.2. * & FQ, & FK in Army sets. * & H Nuts 6.3 A/F. *Bolts: & 6.2 R hd; & 6.4 b hd (fr '89).		
MCA1	MECCANO AEROPLANE [1]	MC	AS	UK	31 --- 41	F	5/32W			--	132	12.7 x	4.2			SD	FM			MCA1	Special parts allow various different models, inc multi-engined.		
MCA2	MECCANO AEROPLANE [2]	MC	AS	UK	32 --- 41	F	6BA			--	24	Var				HC	FN			MCA2	As [1] but smaller, simpler parts for single-engined models.		
MCE	MECCANO ELECTRICAL	MC	ES	UK	20 --- 28		6BA	-	---	--	16*	---	---	---	---	SC		6.4			MCE	* Including Accumulator. Parts for use with standard parts.	
MCC	MECCANO ELECTRONIC	MC	ES	UK	70 --- 78	p	5/32W	-	---	--	14	12.7 x		---	---	SC	FQ	6.4	5.6	MCC	For use with standard parts. Sold as set & also included in SME outfit.		
MCT	MECCANO ELEKTRIKIT	MC	ES	UK	62 *- 70 *	pL	5/32W	d	5/32W	--	49*	12.7	4.2	4.1	4.1	SC	FQ *	6.4	5.6	MCT	In France, from 1963 in UK. * In set for use with standard sets – also sets with standard parts, eg 4EL outfit. * Earlier FN.		
MCK	MECCANO ELEKTRON	MC	ES	UK	33 --- 40		6BA			--	87	Var		---	---	SC *		6.4			MCK	Special parts for wide range of experiments. * Also special Bolts & hex Nuts.	
MCGa	MECCANO - GILBERT [a]	MU	MP	US	30 --- 33	F	8-32	s	6-32	* 24	196*	12.7	4.3	4.1		SR					MCGa	Mix of standard MECCANO/ERECTOR parts. *8-32 also reported. *Inc 16 Ship parts & 42 ERECTOR parts.	
MCGb	MECCANO - GILBERT [b]	MU	MP	TR	US	34 --- 36 c	F	8-32	s	6-32	24	80e	12.7 x	4.4 *	4.1	3.9	SR *	FN	6.4	6.5	MCGb	Mix of standard MECCANO, ERECTOR, & Wide Beam parts (some not in MECCANO 'WIDE BEAM'). Data from a LITTLE JIM set. *In Wide Beam parts; otherwise 4.3. *Also Snap Rivets.	
M-K	MECCANO - MÄRKLIN	MA	MC	MA	GE	12 c-- 14	F	5/32W				12.7	4.2								M-K	Sets by Märklin bearing both names, w parts made under licence, virtually the same as MECCANO but chemical	

REF	CODES (A for single columns) NAME	B Mfr	C TYPE	D CY	E -DATES-	F Matl	G THREAD	H BS-	G THR'D	DP	I Parts	Pitch	dST	dBS	DAXL	J NB	F MF	K A/F	DHD	REF	L plus some A-J COMMENTS
MMA	MECCANO MECHANISED ARMY	MC	MC	UK	39 --- 41	Fw	5/32W	d	5/32W	--	47	12.7 x 4.3	4.1	4.1	4.1	SC	FK	6.4	5.5	MMA	Standard parts with some holes omitted (plus some Flex Plates ready bent), & wooden Gun Barrels.
MCM	MECCANO MEXICO		MC	ME	71 --- 73	k F						12.7 p								MCM	Sets 1-5 by EXIM S.A.who had exclusive right to make MECCANO in Spain before moving to Mexico in '71. Ref: MJ32/948.
M-M	MECCANO-MORECRAFT	MU	NM	US	34 --- 36	F	8-32	s *	6-32	24	64	12.7 * 4.3				SR *				M-M	Data may be for MODERN-MORECRAFT [a], which replaced MECCANO-MORECRAFT. * Key fixing for some parts. * Most, not all, 12.7x. * Snap Rivets also.
MMC1	MECCANO MOTOR CAR [1]	MC	CR	UK	32 --- 41	F	6BA			--	71	Var				HC				MMC1	Special parts allowed several models to be made.
MMC2	MECCANO MOTOR CAR [2]	MC	CR	UK	33 --- 41	F	6BA			--	30	Var				HC				MMC2	More special parts but smaller & simpler.
MCR	MECCANO RADIO SET	MC	ES	UK	22 --- 30	Lp	5/32W			--	44	12.7	4.2			HC				MCR	Some fibre plates & standard parts but mostly special parts.
MSP	MECCANO SPACE *	MC	AS	UK	79 --- 84	Fp	5/32W	-	----	--	39	12.7	4.3	---	---	HR	FQ	6.3	6.2	MSP	* 2 Sets with similar contents, SPACE 2501 & HYPER SPACE. A few special plastic parts.
MSN	MECCANO SPAIN		MC			SP														MSN	When? Who made it? Relationship with METALING?
MCU	MECCANO from Elizabeth U.S.A.	MU	MC	US	22 --- 30	F	7-32		5/32W *	38		12.7	4.3			S	F			MCU	Mainly similar to Liverpool MECCANO except usually tin instead of nickel plating. Remaining data probably as Liverpool but needs confirming. * 7-32 also possible.
MCW	MECCANO 'WIDE BEAM'	MU	TR	US	32 *- 36	c F	8-32	p*-	----	--	13a	12.7 x 4.3	---	---	t*	SR *				MCW	Small Gilbert sets with parts like MECCANO X but Strips have fewer holes, also a Flgd Plate. *Or 1933. **Snap Rivets from 1934. See also MECCANO - GILBERT [b].
MCX	MECCANO X	MC	TR	UK	32 --- 38	F	5/32W	-	----	--	16	6.35	4.1	---	---	t	SC	F		MCX	Strips 3/4" wide w 1/4" pitch holes, not staggered like TRIX. Similar sets in France as L'INGÉNIEUR FRANÇAIS; in UK as BRITISH MODEL BUILDER; elsewhere as MONTEX.
MHM	MECHAMO		NM	JA	05 ---															MHM	3 sets similar in style to MECHANIMALS & from same maker, but more complex & wireless controlled.
MNC1	MECHANIC [1]	WS	CH	CN	93 *- 97	F	M4	s	M4	--	46a	12.5	4.4	4.4 m	3.9 *	Hr	FN	6.9	6.2	MNC1	Seen in Malta & Kuwait. WISDOM parts repackaged, but colours different. * Copyright date. * Also 2.6.
MNC2	MECHANIC [2]		CH	CN	03 k															MNC2	A set sold on Oz Ebay looks like METAAL CONSTRUCTIE SET (MLE)- said to have C/W Motor but Elec, as in MLE, on lid. Has 'Chinese' parts but prob 12.3 pitch, & some specials.
MCH	MECHANICA		OO	GE	20 s?															MCH	Ref: <i>Baukästen</i> p331. No details.
MCL	MECHANICAL		MM	IN		F	5/32W	s *	5/32W	--	39	12.7	4.3	4.3 *	3.9	HR *	FI	8.0 *	5.9 *	MCL	Apart from its lid the only (No.1) set seen (on Ebay) is idential to MECHANIX [2]. The data here are taken from MECHANIX [2].
MME	MECHANICS MADE EASY	MC	MC	UK	01 --- 07	F	5/32W	k	----	38	37	12.7	4.3	4.1		SC	FB *	6.4	5.7	MME	Strips had square ends & turned over edges. Wheels held with special Clips. Early Rods were grooved. * Prob BB also.
MCS	MECHANICUS *		DY	GE	*	F	M3	s	M4	--	16		3.1	3.0	2.6 *	HC	BB	6.0	5.5	MCS	As HELLER but fewer parts. Made by VEB Ankerwerk? * Sold in Holland as MECHANIKUS STAALKNUTSELDOOS. Also German MECHANIKUS seen. *Post WW2, but earlier?. *Threaded ends.
MHK1	MECHANIK [1]		MP	GE	50 cp	A	?									SC				MHK1	Details from photo of Set Nr.100. On the lid the name is suspended from a Crane. Parts seen: Strips, Brackets which look aluminium. Brass 2h Ø Pulley.
MKA	MECHANIKA		HA	HU	50 s?- 85	k A	M3	d	M3	--	46	15.0	3.5	3.6	3.3	HT	FD	6.2	5.0	MKA	Strips 3-11h; 9,11h A/G; 4*4, 4*8h Flgd & Perf Plates, 6h Flgd Sector PI, (4-2h across); shapely Trunnion (not seen) w 2+2+1h. All holes round except in Flat & Angle Brkts.
MAL	MECHANIMALS		NM	JA	78 k--	F	* M3	-	----	--	56a	Var	3.0 *	---	---	Hp	FN	5.4	5.3	MAL	6 animal Kits with mostly special parts for each. MECHAMO was later development of the idea. * Aluminium parts also reported, stamped with PN. * No Strips; also 4.1.
MNX1	MECHANIX [1]		ML	NZ	40 l-- 50	e F	5/32W	s	5/32W	--	21	12.7	4.2	4.4 *	4.0	SC	FB	8.0	6.1	MNX1	Unusual concave-sided Trunnion. Some 1" Pulleys had MECHANIX cast into them. * Some 4.0.
MNX2	MECHANIX [2]		MM	IN	94 --- 99	+ F	5/32W	s *	5/32W	--	39	12.7	4.3	4.3 *	3.9	HR *	FI	8.0 *	5.9 *	MNX2	Well finished BRAL-like parts. Pulleys, Bush Wheel all plastic including bosses. ** Later bosses FN, d/t, 4.1 bore. *** Later: Bolts CH 6.3 & 5.8 Ø; Nuts 7.2 & 7.4 A/F.
MNX3	MECHANIX [3]	WS	CH	CN	98 *- 00	+ F	M4	s	M4	32	52	12.5	4.3	4.5 *	4.0 *	Hr	FN	7.0	6.5 m	MNX3	Most parts, sets, similar to WISDOM but colours different. Some new parts including Gears. * Copyright date. * But Gears 4.0. * Mean; also 2.6.
MRX	MECHANTRIX		ML	CA	02 --- 09	+ F	5/32W	* d *	5/32W *		150	12.7 *	4			SC	FB	6.3	6.0	MRX	Parts are MECCANO copies with a few new ones. No TRIX connection. *** Based on claim to be compatible.
MRA	MECHATRONICA		PR	NE	92 c-- 94	c F	M4	d	M4			12.7 *	4.2	4.1	4.0	HC	FN	7.0	5.5	MRA	TEMSEI parts & motor, plus special (electronic?) parts. Ref OSN 13/360. Data are for TEMSEI. * 12.73 in some parts.
MHB	MECH-BUILDER		ML	CN	99 ck	F	5/32W	p *			40*	12.7	4			SC	FQ			MHB	Small sets with original models. Parts are mostly MECCANO copies inc 3*2h Corner Bracket but note a 3-sided Corner Bracket. * M22a, & probably Road Wheel. * At least.
MEO	MECO		DY	GE	33 *-															MEO	Maker, Heller. 'Constructor' plier type tool had different heads, & more versatile than 'Mechanikus' one in HELLER'S STAHLBAU & MECANICUS. * or '34.
MTH	MECOTECH	WS	CH	CN	92 k	Fp	M4	-	----	--	27	12.5	4.4 *		2.6 *	Hr	FN	6.9	6.3 m	MTH	Some sets like WISDOM (#2,3 known) & others with special parts for rocket carrying plane & other vehicles. * Up to 4.8 in Plastic Plates. * & 4mm almost certainly.
MKS	MEHANISKAIS KON* SKOLENS	SH	ML	RS	87 k?- 90	k F	M4	k *	----	25 *	60	12.5	4.3	4.4	4.0	HR	FQ	7.1	7.0	MKS	KONSTRUKTORS. Latvian name, SKOLNIEKS used on box. Parts common to EMK, MJA are prob identical. * Rubber Strip used as key. * Mod 1, may have been .6 earlier.
MHA	MEHANOTEHNIKA		ML	YU	50 s-- 74	k F	M4	d	M4	24 *	201	12.7	4.2	4.2	4.0	SC				MHA	MCS parts inc 1 st type M187; 9h Flex Sector PI; 1" Ply w lg Ø (plas?) boss; 4h Discs?; 24 DP Worm,12,36t Gears; * & 16 DP 12,24,36t (plas?) Gears. Elec set also shown.
MHE	MEHANO(TEHNIKA)* Electrical		ES	SL	* 52 p-- 09	+ Fp	M4	-	----	--	40+	12.7	4.3 *	---	2.0 *	ST	FQ	6.9	5.9	MHE	Has a few standard parts. Sold under other names, see DKL; DLK; E-P; LPE; P; S; TLE. Data from 1999 set. *MEHANO from '90. *Was YU. *Also 2.2 as bearing. *Armature shaft only.
MEH	MÉKA		OO	FR	50 s															MEH	No other details.
MEK1	MEKANIK [1]		LG	GE	49 --- 63	c* F	M4	d	M4	25 *	122	13.0	4.2	4.0	4.0	HD	FN	7.9	7.5	MEK1	Followed MECANIC [5]. Special gears including a pinion sliding on a square shaft. * 1967 has been mentioned. * Mod 1. Also Mod 2 large toothed gears.
MEK2	MEKANIK [2]		MM	SD	48 --- 62	F	5/32W	d		37	143	13.0	4.3	4.1		HC				MEK2	Many unusual parts inc: single Br Girders w 1 row of holes; Ply Discs w & ss boss, up to 100mm; Flgd PI 5*5,7*9,7*11h; Perf PI 7*13h. Data need verifying. See also MECANIC [4].
MEK3	MEKANIK [3]		SH	VE	87 k	F		p		--	24	10.0	4.7	3.3		SC				MEK3	Slight MERKUR look to some parts, models.
M A	MEKANIK LÁDA	WS	CH	SD	93 *	F	M4	s	M4	--		12.5	4.4	4.4	3.9	Hr	FN	6.9	6.2	M A	* Name on model leaflet in #2 WISDOM/SAGESSE box. Colours as MECHANIC [1]. * Copyright date on model leaflet.
MKO	MEKKANO		TR	IC	50 s						* 30a					t	HC			MKO	Parts look like TRIX. One model, a Crane, is same as EL INGENIERO INFANTIL. * Probably similar to TRIX but no slots shown in face holes of largest Gear.
M_X	MEKNEX		ML	AR	05 k--						26									M_X	Parts brightly coloured and include 7h Flat Trunnion.
MEKO	MEKO		ST p	GE?	47															MEKO	Ref: <i>Baukästen</i> p331 and an Ebay photo of a white lid with a line drawing of a Crane on it.
M-S	MEK-STRUCT		ML	HK	94 --- 97	c F	M4	s	M3	--	62	12.7	4.2 m	4.1 *	4.0	St	FQ *	7.0 m	6.6	M-S	Strips and most Plates have cut back ends/corners. Spanner stamped ARTIN. * 4.2 also reported. * Nickel Nuts.
MKX	MEK-TRAX		ML	HK	96 --- 97	c F	M4	s p	M3	p --	57	12.7	4.2 m	4.1 p	4.0	St	FQ *	7.0 m	6.6	MKX	Standard MEK-STRUCT parts plus special track parts. MEK-STRUCT data used. * Probably nickel Nuts.
MTR1	MERCATOR [1]	MR	LG	BE	40 s-- 49	k F	M4	s	M4	* 25 *	95	13.0 *	5.0 m	5.1 m	5.0 m	HT *	FB *	8.0 *	6.7 *	MTR1	Parts include some unusual Plates, 4" Pulley, 3 Boilers. * M3 (?) in one part. 3.8x26tpi earlier (Type 1e). * Mod 1. * 12.7 in MCS. **** Also HC BB 8.0 7.0.
MTR2	MERCATOR [2]		MP	BE	40 l?- 50	e? F	5/32W	? d	3x40tpi		30*	12.7 *	5.0 m		4.5	HR	FF		8.0	MTR2	Unlike MERCATOR [1] with different parts, hole pitch, Axle Ø, etc. * In set 6, the largest known. * Also known with 12.4mm. NB Thread & boss data for 12.4mm pitch parts.
MER1	MERKUR [1]	ME	ME	CZ	25 --- 11	+ F	M3.5	s	M3;M4	30	119*	10.0	3.9	3.8	3.7	HC	FF *	5.9	6.0 *	MER1	Replaced INVENTOR. Also sets named Ebert & Wifra MERKUR. *inc parts in plastic as well as metal, but not special parts added since '99. *FQ after late '90s. *Earlier BB, DHD 5.6.
MEA	MERKUR ALFI	ME	ES	CZ	93 k	Fp	M3.5;3,2		M3	p --	69*					HC				MEA	Set to make Plotter using standard, modified & electronic parts. Strips, bosses, Axles probably as MERKUR. * Inc 15 electrical.
MEE	MERKUR ELEKTRO	ME	ES	CZ	--- 09	+ Fp				--	83	10.0	3.8			HC				MEE	Good range of standard, dedicated & special parts inc Motor Armature, Compass, Bell, Magnet, Coil, 6-tooth Striker(?), & 5*10h Flgd Plate with 1½cm sq hole at one end.
MES	MERKUR ELEKTRUS	ME	ES	CZ	33 *-							10.0	3.8			HC				MES	Full details lacking but standard parts, Bell, Lamp Holder, & Coil can be seen. * Date is speculation but this set seems to have preceded ELEKTRO.
MEM	MERKUR METROPOL	ME	BD	CZ	30 s?- 64	a F	M3.5	-	----	--	40*	10.0	3.9			HT	BB	6.0	5.6	MEM	Special Plates to be used with standard parts. * Approx, including perhaps 28 special.
MER2	MERKUR [2]		MA	GE	p															MER2	Said to have been made by Metallwarenfabrik Fritz Hochstrate, possibly pre-WW2. Parts (need confirming): black Strips, yellow (or possibly blue) Flgd Plates, red Wheels.
MTB	METAALBOUWS		OO	NE	?															MTB	Name only.
MLE	METAAL CONSTRUCTIE SET		CH	NE	03 k	F	M4	s	M4	32	45	12.3	4.4	4.2	4.0	Hr	FN	7.9	6.0	MLE	Seemingly Dutch. The one set known features small fairground models, & is probably a repackaged MECHANIC [2] set. Special parts inc 7h Trunnion, 11h Curved Strip, 15h Disc.
MBA	METABA		SH	GE	W2 ap	F	M3	-	----	--	12*	10	3.2			t	HK	FF *		MBA	No.1 seen has lid with 'clunky' boy & small models. Main parts are 3,5,8h Strips & Pulley Disc. * In No.1. * Possibly Nut is brass (plated).
M D	META BUILD		SH	IN	89 --- 93	+ Fp	M4	p	----	--	30	10.0	4.3	3.8 *	4.0	Hk	FQ	6.9	6.6	M D	Unusual parts inc 8*2,4,8,10,20h & 6*6h Triangular Flgd Plates. Plastic Pulleys have radial holes for Rods. * Applies to plastic Sleeve which forms push fit hub of plastic Pulleys.
MTCM	METACOM		OO	GE	20 s?															MTCM	From <i>Baukästen</i> p275, made by a firm called L.W.
MTN	METACON		ML	NE						--	31	12.7 p				SC				MTN	In MCS the main pts are MECCANO 5*11h Flgd PI; 5,11h & Curved Strips; DAS; Flex Plates; Trunnions; Bush Wheel; (1st) Road Wheel. Man cover has river scene w v lg Lifting Bridge.
MLX	MÉTAFLÉX		SH	FR	40 l-- 60	s A	3x.6	d	3x.6	--	46	10.0	3.2	3.2	3.0 *	HT	AA *	5.0	5.4	MLX	Plain aluminium parts with some slightly unusual inc 7*7 & 7*15h Plates, 21 & 33h Strips, 2 small Triangular Plates. Machined Pulleys & Flgd Wheel. * Steel. * Bolt FD.
M R	METAL BUILDER	CK	CK	UK	94 --- 97	c F	M4	d	M4	-- *	70a	10.0	4.2	4.1	4.0 t	HC	FN	6.9	6.9	M R	3 CONSTRUCTION [1] sets for Early Learning Centre. * Bevel only.
MCB	METAL CON* AND B'G* OUTFIT		ML	UK		A					12*	12.7	4.2 p			---	t			MCB	CONSTRUCTION, BUILDING. Parts in sets seen: M#2,5,6a,12,48a,52,70,1" Discs. Strips have either square or round corners; otherwise all corners square. * At least.
MFT1a	METALCRAFT [1a] Aero *	MT	AS	US	27 --- 40																

REF	CODES (A for single columns) NAME	B Mfr	C TYPE	D CY	E -DATES-	F Matl	G THREAD	H BS-	G THR'D	DP	I Parts	Pitch	dST	dBS	DAXL	J NB	F MF	K A/F	DHD	REF	L plus some A-J COMMENTS	
M C MLN	METALEN CONSTRUCTIE METALIN	TE	ML MP	BE	CL ?*	50 a														M C MLN	See BOITE DE CONSTRUCTION MÉTALLIQUE. * An Ebay manual from Chile has METALIN Metallbaukasten on cover, with Spanish model names inside. Cover also shows fair sized set with red & blue parts.	
MTLa MTLb MTX	METALING [a] METALING [b] METALIX		ML ML TR	SP	33 --- 35	F	5/32W		5/32W	38	183	12.7	4.2			SC				MTLa MTLb MTX	More or less identical to MECCANO, parts made under licence. Parts as above except for plastic Gears & Sprockets (for plastic Chain), both with brass bosses. Parts look very like TRIX, with some very small differences in shape. This whole entry needs confirming because source not now known. MCS has 3.7mm holes at 7.85mm pitch.	
M N1 MBN1 MBN2 MBN3 MBN4 MBN5 MBN6	METALLBAUKASTEN METALL BAUKASTEN METALL-BAUKASTEN [1] * METALL-BAUKASTEN [2] METALL-BAUKASTEN [3] METALLBAUKASTEN [4] METALL-BAUKASTEN [5] METALLBAUKASTEN [6]		OO LG SH AK ST MP MP LG	GE	30 s	F						50+	12.7	4.1						M N1 MBN1 MBN2 MBN3 MBN4 MBN5 MBN6	See BSL METALLBAUKASTEN & THALE METALLBAUKASTEN Black parts. No other details. *Not always hyphenated. Sets very similar to SCHEFFLERS. Came between SCHEFFLERS & BURGSTÄDTER, * but dates need confirming. * Mod 2 & also gear-like Sprocket. * Nut FK. Small, simple system w various spec parts for Cranes, eg Winding Drum. Pts joined by Studs & N&B. *12.6 in 13h Str. *Mean. & 2x 13mm Ø holes in Sideplate. **& raised c's'k, 7½ Ø. Similar to, or probably the same as AUKI, but perhaps fewer sets. * Scaled, could be ½". Small system with silvery looking parts, & Crane on lid. One set has Flgd Plates 5*10h w 3*8 cutout, & 4*3h w only centre & edge holes. Another has 5*10h, no cutout, & 5*5h fully perf. Small box with 2 boys & Bridge on lid. Possible parts: Strips up to 9h; 5*7h Flgd Plate but all data needs confirming. * By scaling. Details from 1 Set Nr.301/302 with Früh Übt sich on lid. Just Strips, Perf Plates, Discs up to 5h Ø, small wooden Wheel. * After WW2 but also said to be c1930.	
MMB MBK	METALL BAUKASTEN mit B-M * METALLBAUTECHNIK		SH KR MA	GD	58 --- 60	e F	M4				25 *	65	12.6 *	4.2	4.1 *	--- t	HC	FN	9.1 m	6.8	MMB MBK	* Batterie-Motor. Heavy black parts, later some r/g. Some like simplified MÄRKLIN, but diff Gears, Railings. * Mod.1. * 12.63 mean but 12.4 in some 11h Strips. * eyelets 4.3. See THALE METALLBAUKASTEN.
MIC MLC MJA	MÉTALLIC METALLICO METALLIRAKENNUSSARJA		SH ML SH	FR	10 --- 18	c F						24*	10	2.7							MIC MLC MJA	Strips, A/Gs, 4h wide Perf Plates in various lengths, & a large Fan. * In Set 1, there was a Set 2. Mfr as MEHANOTEHNIKA. Parts unlike MECCANO inc: Track & 6-sp Whls; Curved Strip; some Strips w side indents & small hole. *Mod .6. *In Sets 1-4 & 10 (sets 5, 6, 20 not seen).. METALLBYGGSATS (Swedish name) & Made in Estonia on box. MEHANISKAIS KONSTRUKTORS 2 'SKOLNIEKS' on inner box of 240 set. Parts like EMK. * Rubber Strip.
MLI1 MLI2 MLO1 MLO2 MLO3 M-L M-O M-T M T	METALLIX [1] METALLIX [2] MÉTALLO [1] METALLO [2] METALLO [3] METALLO-BILER METALLO-MOTOR MÉTALLO-TECHNIC METALLO TRIGON		LG TR RT SH SH OO OO RT NM	GE	50 s	AF	M4					22	14.0	4.0	---	--- t	SC	FF	8.0		MLI1 MLI2 MLO1 MLO2 MLO3 M-L M-O M-T M T	Most parts aluminium. Strips, Whl+Ply Discs, & 9*5h Flgd Pl w 3*5 cutout Plate (often painted red). Red lid w boy's head beside nice Crane. May be related to DER KLEINE INGENIEUR [2]. Range of repro TRIX parts, with other lengths, & one set, from Metallus. Plastic Gears with ?push-in bosses. ** Probably as TRIX. Rods joined by various Couplings. Another MCS of this name reported, but no details. Made by same firm as D.V.s INGENIØR. Many parts similar to MÄRKLIN but unusual Flgd Plates (9*7, & 5*7 Z-section) , Railings with X bracing, etc. 3 boys & Funicular Rly on man cover. 'Eiffel' Tower on lid & manual cover. Thought Belgian cos manual in French & Dutch. An unusual 8h Bush Wheel. * Possibly c.2.5 Ø. * As shown in manual models. Name only. Name only. See LE MÉTALLO. Clamping NBW join Triangles edge-to-edge w DAS crossways. * & 2.4x.65. *some pts 12.0, 8/8.5 for DAS outer holes. *Typ but to 3.4, & 2.9 also. ****& HR FB 6.3 6.0. FN also poss.
MLS MMS MLS	METALLUS METALMASTER METAL MASTER METALMEC OPSET		MA DY NM	GE	00 --- 11	+ F	M4					1000*	12.7		4.1	4.0	CH * FK	* 7.9	6.9	MLS MMS MLS	Very large range of parts & some sets. Mostly like MÄRKLIN at first but now many other parts, some original. TEMSI parts in some sets. *At least (as a guess). *Also Allen head. *Also BB. Tool w same scope as JUNEERO. ≈3/8" wide Strip, *Pat application in '45; manual PR inc 8/46. Ad in G&T 11/47 w name only & from diff firm. *Hole takes 4.0mm Rod but not 4.06. The one set seen, B.A.R. Gun (British Anti-Aircraft Rocket Gun), has all olive green parts, and most, perhaps all, look specials. Made by Parco Products Co., Allentown, Penn. Name changed to OPSET METALMEC.	
MLR M-X	MÉTALOR META-LOXO		SH RT	BE	50 s								12.0	3.5			HC				MLR M-X	Parts stamped METALOR/BELGIUM. In some Angle/Flat Girders only some holes elongated. Strips & Stays (wire with end loops?). Name in a Frame suspended fr a Crane on man cover. Cane Strips and aluminium Unions. Probably no threaded parts.
MLK MLU MTK MWS	METALTECNIK * MÉTALU * METALWORK METAL WORKSHOP		CK GE NM MP DY	HU?		Fp						10	p								MLK MLU MTK MWS	Parts look like CONSTRUCTION [1], including yellow Windmill Sails, but different black Motor & Battery Box. * METALTECHNIK on some sets. *Name was erroneously METALLU, as in some ads. No N&B: Panels, A/Gs, etc, unperforated, push into K section Clips. Finished models look rather like CONSTRUC. First name of MASTERBUILDER in ads: METALWORK THREE is on box lid, & said to contain parts of plastic & lightweight metal alloys. Data from MASTERBUILDER [a]. Ebay set shows Tool rather like JUNEERO plus Rod, Strip, Wheel, N&B. Red lid & manual cover show boy w Tool & man working on Big Wheel.
MTM MTA MOR MET MEU M K	METAMECH METAPLAN METEOOR METEOR METEOR AUTOBAU METEOR ELEKTRO		SH HA TR SH CR ES	IN	95 k	Fp	M4					30	10.0	4.3	3.9 *	3.9	HC	FD	7.0	6.6	MTM MTA MOR MET MEU M K	Parts very similar to META BUILD except brighter colour, but less than full range with set similar to META BUILD Junior. * Bore of push-on Sleeve (no bosses). Many special parts for locos, carriages; some similar to TECHNOKID. Strips shown with square ends. Known from manual for Set A. Parts that look like TRIX. Highest PN, 43. Parts are basically scaled down MÄRKLIN; models in manuals were initially as 1930s MÄRKLIN but changed later for at least the small sets. Mostly standard parts or variants thereof. METEOR data quoted. Standard METEOR parts plus special electrical parts that look similar, but not identical, to scaled down MÄRKLIN ELEX.
MBD MEW MEX MFC	METTABUILD MEWEKA MEX M F C		BD NM DY LG TR	UK	29 --- 31	p F						35									MBD MEW MEX MFC	Frame parts push together & Panels slot in. ** 1" Loose Pulley push-fit on square section Axle. Hand press with different heads, and indexing device. Nickel Strips & Wheel Disc w slots ½-way across Strips, & radially to edge of Disc, between holes. Parts joined by N&B or engaging slots. *Needs confirming, & N&B sizes. *Disc 9.5. Combination of TRIX-type & MECCANO-type parts. Almost the same as M K A [1] & probably after it. * Bolts FF..
MKY MMG M M	MICKEY MOUSE MICRO-MECANO "GUINA" MICUL MECANIC		MP MB MP	US	48 *	A	8-32					18	12.7 *	4.8		4.0	SR	F	8.7		MKY MMG M M	Basically repackaged LYNNCRAFT sets. * Copyright date 1947 on model sheet. * Mostly, but also 3/8", 3/4", & others Name on Model Sheet; no name on only known lid (2 tots & Crane). May be called GUINA in MCS/NZ. Strips & Flgd Plates up to 5h long held by Rods with push-on plastic Washers. The unusual parts in a Helicopter in MCS are a Flgd Plate & a Flgd Sector Plate that both looks 7h long, & both with slotted holes in the flanges. Also DAS with slotted holes in the lugs.
MIG MGS	MIGNON MIGROS		SH SK MP	GE	45 --- 53	A	* 2.6x.45	s	2.6x.45	32 *	150	6.0	3.1	3.1	3.0	HC	BN	4.5	4.0	MIG MGS	Attractive, unusual parts, anodised, with Plates, Wheels, etc in bright colours. * Some early parts steel, nickel plated. * Mod .8. Set made by Stokys for Migros store. Parts as STOKYS save rectangular section Strips, yellow Flexible Plate, red Pulleys. * Didn't last long.	
MIA MIK MIL MIO	MIKLA MIKRONO KONSTRUKTIONSSPIEL MILANA MILO		RT OO ML LG p ML	GE	40 s?	wF															MIA MIK MIL MIO	Simple system with wooden Rods which push into metal U-Clamps. Orange box lid with a Bridge on it. Ref: EZ p179. Earlier names (from 1916?): ROSETTA, PYTHAGORAS, both plus KONSTRUKTIONSSPIEL. No details, but parts may be wooden. * MCS says, erroneously, 1907. Parts include Trunnions & Flanged Plate with 4 flanges. Also said to include 8h Whl Disc & larger dia with 10 holes. Green 5*11h Flanged Plate, Strips, DAS, & bright 2h Ø Pulley. Fawn lid label has simple Bench Set & Trolley.
MIN MUR MTC	MINIATOR MINIATUR MINITECH		MR SH WA SH SH	BE		F	3x.6	s	3x.6	51 p	101	8.0	3.0	3.1	3.0	HC	BB	* 6.0	5.0	MIN MUR MTC	Essentially a scaled-down version of MERCATOR [1] with thin Strips & neat bosses. * Steel N&B also listed. 2 sets from Walther with limited range of smaller scale STABIL-like parts. * Spanner jaw width. Blue Strips & A/Gs with 2 rows of staggered holes. Yellow 11h NS, large Flat Trunnion, & 5*3.5,10h Flgd Plates. Large Pulley red plastic. * Also BB Nuts & long Bolts.	

REF	CODES (A for single columns) NAME	B Mfr	C TYPE	D CY	E -DATES-	F Matl	G THREAD	H BS-	G THR'D	DP	I Parts	Pitch	dST	dBS	DAXL	J NB	F MF	K A/F	DHD	REF	L plus some A-J COMMENTS	
MYA1	M K A [1]		TR	GD	50 s	A	M4	s	M3	--	44a	11.2	4.5 *	4.1 m	4.0 *	HR *	AA	7.0 *	7.0	MYA1	TRIX & MECCANO style Strips. cf M F C - N&B have same PNs. * 4.3 in 'TRIX' Strips. * Earlier brass 4.0 Ø. * Earlier C Bolt. * Earlier 6.0 A/F.	
MYA2	M K A [2]		SH	GD	*	A	M4	s	M3	--	31*	11.2	4.5 *	4.1 m	4.0 *	HH	BB	* 8.0	8.0	MYA2	From a Der Kleine Praktikant, Größe Ila set. Similar MKA1 but no 'TRIX' parts, & poorer quality. * Probably before MKA1. * In set seen. * Down to 4.3 in a few parts. * Nuts FF.	
MOA	MLADOST *		SH	BU	--- 90 s		M4; M3	*		32 *	71*	10.0	4.3 *		3.6 *	HC				MOA	* MOADOST in MCS (wrongly transliterated). Parts, originally thought like MERKUR, for range of theme models. * A few M3 N&B in Set. * Mod. .8. * At least. * Some ≈4.8. * & 3.5, later?	
MDY	MLODY		OO	PO																MDY	Name only. A plastic set has been seen on Ebay.	
MOB	MOBILO		RT	FR	19 --- 20 s	F	---	-	1/8W	* --	10	---	---	3.2	3.0	-S	FF	---	3.6	MOB	Rods held in slots in sides of Fork Piece by Clamping Bolt. * For Clamping Bolt in Fork Piece.	
MLB	MODEL BRIDGE		MP	UK	14 ck	F				--	7	12.7 x	4.3			SC				MLB	Parts like MECCANO but unneeded holes omitted. THE BRIDGE BUILDER was similar. Sets for other models probably inc SAS; 3*8h Flgd Plate, & 3/4*3/4" Flgd Plate w only centre hole.	
M E	MODEL ENGINEERING		RT	NZ	45 --- 49	FB	5/32W	d	5/32W	--	21*	6.35 *	4.0 *	3.3 *	3.3					M E	Similar or identical to LEDOM. Couplings/Clamping Brackets join Rods. * In Set 00, Set 2 exists. *In Couplings. * In Brackets. * In Couplings.	
M-I	MODEL-IT		ML	AL	50 s	F	5/32W	p		--	51	12.7	4.2			SC				M-I	Unusual Braced Girders with vertical bracing as well as diagonal, Super Road Wheels, & 5*11h Flanged Plates with & without centre cut out.	
MDTa	MODELIT [a]		ML	US	10 l*- 20 e	F	8-32	s	6-32	38	64	12.7	4.4 *	4.2	4.0	SR	FN	7.2	7.5	MDTa	Perf Plates & A/Gs instead of Flanged Plates. * 1916 has been suggested. * Some 4.1-4.2 in Plates & Strips.	
MDTb	MODELIT [b]		SH	US	20 s?	F	8-32	s	6-32	38	59	11.7 *	4.5	4.2 *	4.0	SR	FN	7.3	7.5	MDTb	Alternate round and square holes. * 7/16" exactly. * 4.1 also reported.	
MDX	MODELIX		ML	BZ	05 --- 09 +	F	5/32W			38 p	65*	12.7	4.2 e		4.1	Hc	FB			MDX	Sets, most w ENTECH equivalents but diff packaging. Pts probably from Aries. Also Robotic sets & pts. * Approx, plus Robotic pts, inc Plates, Motors, Sensors, R/C, Microcontroller.	
MDO	MODELLO		SH	GE	19 --- 28 c	F		d	p	32 *	36*	10.0	4.4		4	HC				MDO	All the basic 'early' parts plus Connectors to allow Rods (all w thrd ends) to be used structurally. * Possibly (= Mod .8). * Possibly other parts in Experimental Mechanics Sets.	
MDK	MODELLTECHNIK		CK	GD	90 k*- 92 p															MDK	See ORSTA. Name used on lid, manual cover, etc after ORSTA.	
M-Ra	MODERN-MORECRAFT [a]		NM	US	37 ---	F	8-32	s *	6-32	24	64	12.7 *	4.3			SR *				M-Ra	Mfr: Skipper. Parts probably identical to MECCANO-MORECRAFT. * Key fixing for some parts. * Most, not all, 12.7x. * Also Snap Rivets.	
M-Rb	MODERN-MORECRAFT [b]		NM	US	--- 46 k	F	8-32	b *	6-32	24	62	12.7 *	4.4 *	4.0	4.0 m	SR *				M-Rb	Mfr: Morecraft. * With hex nut. Also some s/t. * Most 12.7x, also 1/3" & others. * 4.3 in most other parts. * Snap Rivets also.	
M S	MOKO'S SIMPLEX		RT	GE *		F		k	---	--	27	Var *	---	5 *	5 *	-S *	---			M S	Rolled Tubes push into Connectors. * Possibly for English markets. * In Plates. * In Connectors. * Of Tubes. * Bolts used to secure Sockets to Baseplate. .	
MOL	MOLECKI		LG	GE	03 --- 04	F	M4	-	---	--	26*	14.0	4.0	---	---	t	HC	FQ	7.0	7.0	MOL	Main parts stainless steel: 14 Strips 2-19h & 7*10h Flgd Plate. No Wheels. Label has 2 boys & a girl playing with skeletal Helicopter. * In Set A, the only set produced.
MON	MONTEUR		ST	HU	W2 b?	F					47	12.5 ?								MON	MCS shows a Loco, & a Ship on the manual cover, & their parts look like STABIL. But some of the dimensions in the Set Contents don't quite agree with the corresponding STABIL ones.	
MOX1	MONTEX [1]	MC	TR	SP	32 --- 37	F		-	---	--	16	6.35	4.1	---	---	t				MOX1	MECCANO X sold under this name in certain markets.	
MOX2	MONTEX [2]		MP	SP	--- 72 ?	F	M4	s *	1/8W	p --	31	12.7	4.2	4	4	p	HF	FQ	7.0	7.0	MOX2	Strips have raised edges. Also sold as 'R' (CONSTRUCCIONES METALICAS R). * Collar.
MIX	MONTIX		TR	FR	64 k-- 65 k	F					38	7.8	3.6			t				MIX	Made by Trix/France for Delespaul & given away against 'points'. Identical to TRIX but different colours.	
M V	MONT' VITE		NM	FR	32 ---	F		-	---	--	23	12.0 a	3.5 *			t	H-	FF		M V	Parts with star-shaped holes held by T-Clips & spring wire Wedges, also Nuts on Threaded Rods (but smooth Axles also). * Centre of star.	
MOT	MOTEC		MA	GE	30 c?- 50 ep	AF *	M4	s	M3	51 *	48	12.5	4.1	4.2	4.0	HR	AA *	7.2 *	7 *	MOT	Unusual pts: G/box Housing, Rubber Coupling; Motor w separate Mounting Pl & Rev Sw. *Some sets all A. *Mod .5. ***Various inc Bolt 8 M-head; Nut FK 7.9; Bolt FD 7 R-head.	
MJY	MOUNTJOY		ML	SA	70 s-- 80 s					--	40*	12.7 p				S				MJY	Unusual parts are 7h Trunnions, & fully perforated Flex (?) Plates: 3*11, 3*5, 5*5, 5*9h. Other parts inc 7h A/G, Formed Slotted Strip, 1st M187 Road Wheel. *At least.	
MOW	MÖWE (or MOEWE)		LG	GE	46 c-- 50 c	F	M4				55*	13.0 m	4.3 *			ST	FN	8.0	6.7 *	MOW	Made British Zone post WW2. Parts inc 2,3,5,7,8,11,12,19,20h Strips, 5*11 or 12h Base Pl, flat Sector Pl. Others w STABIL look, inc Gears. *4.2-4.4. *+ a few changes to the parts * & 7.0.	
MRM	MR MECHANIC		MM	IN	98 k	F	5/32W	d	5/32W	--	30	12.7	4.2	4.1 m	3.9	HC	FI	7.9	6.9	MRM	9h long MÄRKLIN Flgd Plate, unusual Trunnions with angled slots each side.	
M'K	M'TEK		ML	IN	08 *- 11 +							12.7 p	4	p						M'K	Toy-Kraft brand sets which came after ENTECH. * May be earlier, '05 on.	
M-C	MULTI-CONSTRUCTIONS		OO	FR	46 c															M-C	No other details.	
MMK	MULTI-MAKE		OO	FR	10 m															MMK	No other details.	
MUC	MULTIMÉCOS		OO	FR	50 s															MUC	Said to include Curved Rods & many parts with tapped holes.	
MMR	MULTIMOTEUR		ES	FR	38 --- 53	FB	2-4.5mm *			34 *	198	18.0	4.6	---	3	HV		*	*	MMR	Parts includes some mechanical but mainly electrical & for motors. *2;2.5;3;M4.5 known. *Mod .75 (17 Gears ss boss to be mounted on special Shafts. ** Several threads, heads, etc.	
MMO	MULTIMOTORE		ES	IT	47 c	FB														MMO	Italian version of MULTIMOTEUR made by G.E.M.A., but fewer sets, so perhaps fewer parts.	
MUS	MUSALA (MUSZALA in MCS/NZ)		ME	BU	77 p-- 80sp	F	M4	s	M3	--	38	10.0	4.1	4.1 *	3.4 *	HR	FN	6.9	6.7	MUS	Parts similar to MERKUR [1] except 38 & 62mm Pulleys. But Ni, olive finish (A/G red-orange in one set). * Some 3.9-4.2. * Also 3.5.	
MWK	MWK		SH	GD	W2 a - 50 c?	A *				*	36a	12.1	4.1			t	H			MWK	Parts may be aluminium or * dark steel, & inc Perf Plates 3*7,11h & 7*11,25h; Trapezoidal Plate with 3,5,7h rows. Lid has Bridge spanning the globe. * 2 coarse-toothed Gears.	
NAV	NAVIGO		OO	FR	50 e															NAV	No other details.	
NECa	NECOBO [a]		MM	NE	50 s--*	F	5/32W	d	5/32W	25 *	126	12.7	4.5	4.1 *	4.1 p	HC	BB	8.0	6.0	NECa	Early phase with parts to PN 140 and * Mod.1 Gears. * or late 1940s. * or 4.0.	
NECb	NECOBO [b]		MM	NE	--- 60 s*	F	5/32W	d	5/32W	38	201	12.7	4.5	4.0 *	4.1	ST	FB	6.4	6.0	NECb	Later phase with more parts & 38 DP Gears. A wide range of parts, basically MECCANO inspired but with some similar to MÄRKLIN & many specials. * Not made by 1970.	
N-S	NEO-STRUCTOR		OO	FR	p															N-S	Name stamped on unknown parts found in a FORGEACIER set, probably French because 'BREV. FR. & ET.' after name. The actual name may be NÉO-STRUCTOR.	
NGN	N-G-NEERO		DY	UK	31 k-- 34 k	F	M3,4BA	* s	1/8W	39	41	10.0 w	3.6	3.4	3.5	HF *	BB *	6.0 *	5.0 *	NGN	10mm Strip. Gears etc marked N-G-NEERO MADE IN ENGLAND. Tools, parts like FORGEACIER but M-like 3" Ply. *4BA on some pts like M115. ****For M3 N&B. RH Bolts shown in manual.	
N B	NOMA BOOMTOWN		RT	US	46 ---	F	10-32	s	5-40	* --	43	12.7	5.1	5.0	4.7	HF *	FB	9.4	7.7 *	N B	Called BOOMTOWN in MCS/FB, & elsewhere. Rods held in special Clamps. Perf Plates up to 8*18h. * Also in Collar, Clamps. ** Longer Bolts R 8.9.	
NME	NORELCO MECH* ENGINEER	PH	PH	US	60 s	p	---	c	---	15 *	54	15.0	5.0	3.2 *	3.0 *	--	--	---	---	NME	MECHANICAL. Set ME 1200, identical to PHILIPS ME 1200. No NORELCO equivalents of other PHILIPS sets are known. *Mod 1.67. *Bush. **Also 2.0mm w 2.3mm Bush.	
NWD	NORWOOD		NM	US																NWD	See BUILDER BOY.	
	NORWOOD																				See BUILDER BOY.	
NSF	N S F		SH	NE	W2 a	FA	M4	d	M4	38	76	12.5	4.8	4.1	4.0	HC	FN			NSF	N S F = Nederlandse Seintoestellen Fabriek (Dutch Signal Equipment Factory). Aluminium Flex Plates, Pulleys, & Wheels. May have existed in '30s.	
NSV	N.S.V.		OO	NE																NSV	No other details. Perhaps an error for N S F.	
OKH	OKEH - Der Kleine Baumeister		OO	GE	50s	L														OKH	Made by Max Pistor, reference <i>Baukästen</i> p293.	
OLY	OLYMPIA		SH	GD	49 --- 55	F	M2	d	M2	--	36	7.0	2.2	2.1	2.0	HC	FF *	5.5	3.8	OLY	Tiny nicked parts with aluminium Wheels. * Nuts aluminium.	
OMO	OMOCHIYA		OO	JA	?															OMO	Name only.	
ONA	ONADO		UK	UK	50 s-- 60 s	F	5/32W	* s	5/32W	* --	34	12.7	4.1	4.0	4.0	HC *	FF	7.9	6.3	ONA	Early parts unpainted. Later parts, inc 27-hole Strips & red Plates inc triangular, in blue/dull red or possibly green/red. ** Or 4BA in both. * R head also known, same Ø or 6.7.	
	ONbitOB																				Name used for ELEKTROMECHANISKAIS KONSTRUKTORS in MCS.	
OPM	O PEQUENO MECÂNICO		TR	BZ	?	L														OPM	Portuguese name. Coloured parts, possibly a mix of 2 & 3 holes wide. Sliding lid of No.3 wooden box has black Radial crane with crane in background and bird logo.	
O L	OPSET LETRIXMEC		ES	IT		L				--		12.7 p								O L	Some parts like OPSET METALMEC, plus specials inc 11*5h Flgd Plate w15 additional 10mm Ø holes, 5 replacing holes & 10 in the middle of square groups of standard 4 holes.	
O M	OPSET METALMEC		ML	IT	--- 70 k	F	M4	s	M4	--	42*	12.7	4.1	4.1	4.0	HC	FK	8.0	6.8	O M	4-spoke 3" Pulleys; 1" Pulleys have rubber inserts to hold them. * In Set 5 but manual shows a few other parts.	
OPT	OPTIMEC		OO	GE	80 s-- 90 s															OPT	No other details.	
OGN	OREGION		MA	CA																OGN	Mostly MÄRKLIN-like parts inc Trunnions, Curved Strip, 5*11h Flgd Plate. Odd bilingual label.	

REF	CODES (A for single columns) NAME	B Mfr	C TYPE	D CY	E -DATES-	F Matl	G THREAD	H BS-	G THR'D	DP	I Parts	Pitch	dST	dBS	DAXL	J NB	F MF	K A/F	DHD	REF	L plus some A-J COMMENTS	
ORS	ORSTA		CK	GD	90 k*- 92 p	F	M4	*	s	--	27	10.0	4.2		4.0 t	HC	FN	6.9	6.9	ORS	2 Sets, Modelltechnik P01, P02, with pneumatic components & CONSTRUCTION [1] parts to mount them. * Possibly from '85 or before. * Plus M10 Rings.	
PDC	PA-DI-CA-CO		DY	UK	21 k	Z	----		s	8BA	40	8	----	4.1	----	--	--	----	----	PDC	Gears Accessory Set probably aimed at MECCANO users, but Spur Gears reported to run at .93" centres & not the 1" implied from the claimed pod's..	
PAJa	PAJTÁS [a]		ES	HU	62 c						--	78	12.7 ?							PAJa	Std parts inc MÄRKLIN-type 5*11h Flgd Plate, 21h A/G w all sltd holes, 7h Trunnion w side holes sltd. Dedicated parts inc Motor Armature, Coil, Lamp Holder, Reflector, U Magnet.	
PAJb	PAJTÁS [b]		MA	HU	66 k?	Fp					--	30*	12.7 ? 4 p							PAJb	Manual for sets I & II known with some parts in commom with the Electrical Set. * In Set II.	
PAL	PALIKIT		UK	UK	50 s-- 64	Fp	* 4BA		d		--	35	12.7 3.9 3.9	3.7		HR*	FB	7.8	6.4	PAL	*Light red plastic pushfit Pulley, Semi-circ & 3*3h Triang Plates. *Also sq Nuts, same A/F. Early Strips said to have 45° corners (not seen), later rounded. cf VOGUE, PIONEER.	
PHL	PEHL'S TECHNIK		ST ?	GE*		L			-	----	--	21	12.5 ?			HC				PHL	Known only from a model leaflet. Most parts look like STABIL except 10h long Flanged Plate with centre hole in flanges. * Could be East Germany.	
PIM	PEQUEÑO INGENIERO MECANO		ML	UR	40 s-- 50 s								12.7 e 4.1							PIM	The one illustration available shows a typical MECCANO model.	
P N	PÈRE NÔEL																			P N	See AÉRO TECHNIQUE MACREZ	
PER	PERFECTOR		LG NM	AS	47 -- 50 s*	F	----		o*	----	14*	51a	15.0 5.4*	3.2 3.1		--	--	----	----	PER	*Last poss date. *Circular pts have recess for driving dog. *1926 STABIL-type Gears, 1.8 Mod . *Alt holes 3.2 w side slots – parts joined by flat Key pushed thru these slots & turned.	
PEU	PEUGEOT		NM	FR	20 lp- 30 s	F	5/32W;3x*				--		Var							PEU	Sets for Car, 1.5m high Eiffel Tower, etc. All with special parts. * In 201 set; some parts riveted in the Tower. *** For 5/32W; HC 5.2 or HP 5.2 for 3mm.	
PEX	PEX		OO	AS ?	10 s															PEX	See <i>Baukästen</i> p267 - steel 'Pins' used instead of Bolts (I think it says).	
PDA	PFEIDA		SH	GE	W2 ap	F			t		--	14*	12.5 4.2							PDA	Parts in the Nr.0 set known inc 2-11h Strips & 5*5,11h Flgd Plates. The model leaflet's front has B&W drawings of 3 simple models. *About in Nr.0. *Leaflet shows RH Bolt in boss.	
PFS	PFIFFIKUS		SH	GE	30 s	F			-	----	--	20+	12.5* 4.5	----	--	t				PFS	Parts include DAS, SAS, 5*11h Flgd Plate with 3*7h cutout, 3*7h Perf Plate, & small near triangular Windmill Sail. * 12.4 also reported.	
PHA	PHANTASIE		LG	GE	23 -- 36	F	----		p	----	--	21	15.0 5.1 5.1	5.2*	--	*--	*--	----	----	PHA	Parts mostly Strips & DAS. Strips joined by a Clip held by a Wedge. * Nominal size of rolled, thin walled tubular Axle. Pulley is a push fit on it.	
PME	PHILIPS		PH PH	NE	60 s	p	----		c	----	15*	61	15.0 5.0 3.2*	3.0*	--	--	----	----		PME	Sets:MECHANICAL ENGINEER ME 1200; later ME 1201 w same name & COMPACT MECHANICAL ENGINEER ME 1250. See also NORELCO. *Mod 1.67. *Bush. **Also 2.0mm w 2.3mm Bush.	
PLC	PHILOPTIC		ES	FR	50 s-- 60 ep	A			-	----	--	60*	----	--	--	--				PLC	A 'serious' optical system rather than a toy.* including 12 glass: lenses etc.	
PIC	PIC		OO																	PIC	Name only.	
P E	PICO ELEKTRIK		ES	GD	70 s-- 80 s															P E	Described as looking like a 1970/80s version of ELEKTRO.	
P S	PIENI SÄHKÖTEKNIKKO		ES	FI	99 k															P S	Finnish name for MEHANO(TEHNIKA) Electrical set, q.v.	
PKO	PIKO		ES	GD	50 s?- 60 s?	Ap	M3		-	----	--	44	10.0 3.2* 4.1*	3.0 3.0	HC	FQ	5.5	5.4	PKO	Same or sim to DKE & prob later. A few Strips, Brkts used w plastic Flgd Pl & elec parts (some steel). Box has ELEKTROBAUKASTEN PIKO MECHANIK on it. *4.2 in 9h Str. *Only in Pulley.		
PIN	PINIT		NM	UK	21 *- 30	wF	----		o	----	--	120*	12.7* 1.6 a 1.7 1.5*		--	--	----	----		PIN	Wood strips 5/32" sq & larger w sm holes through for steel Split Pins. *G&T ad for 'New Constructional Toy'; MCS is '13. *Inc 24 metal. *& ¼". *Split Pin, mean.	
P-I	PIN-IT *		NM	UK	30 -- 32 k	wF	----		-	----	--		6.35* 2.2* 2.1 1.9*		--	--	----	----		P-I	Followed PINIT with larger holes/Pins, & metal Strips, Discs. Wood Strips are ¼" sq with ½" pitch holes. * Called NEW PIN-IT in ads seen. ** For steel Strips. * Split Pin.	
PIO	PIONEER		UK	UK	57 k	F	4BA		d	4BA	--	21	12.7 3.9 3.9	3.7	SR	FB	7.8	6.4	PIO	As VOGUE but fewer parts. Dimensions assumed as VOGUE.		
PNR	PIONIER		MA	GD	55 -- 60 k	F	M4		s	M3	15*	43	12.7* 4.3 4.1	4.0	HC	FK	7.0	7.0	PNR	Pale green & black parts. Unusual parts are Windmill Sail w alt 1 & 2 crosswise slots at ¼" pitch; & a flat S Hook. *Approx DP of MÄRKLIN type Gear Rings. *12.75 in pts seen.		
P R	PIONIER CONSTRUCTOR		SH ?	RO	60 s?	L	M4			M4	--	33				HR				P R	Main parts shown in manual: Strips & Flgd Plates. A few parts like MERKUR eg 6-spoke Pulley. Called PIONIERUL CONSTRUCTOR in manual but parts have different character.	
P C	PIONIERUL CONSTRUCTOR		SH	RO	70 s	F	M4		s	M4	--	27*	12.5* 4.1*	4.3 4.0	HK	FP	6.9	7.3	P C	Parts inc 7h Flgd Sector Plate & 12h Bush Whl. * In Set 2. * MCS has 12.8 & parts may differ somewhat. * Up to 4.5 in some parts. (See also PIONIER CONSTRUCTOR.)		
PIR	PIONIR		BD	GE	03 -- 05	F	----		-	----	--	32	----	----	----	--	--	----	----	PIR	Yellow & red panels fit between black Strip, Angle framework. Beautiful coloured lid showing landscape with Railway Station & other Buildings.	
PIT	PITT		MK ST	GE	48 c-- 65	F	M3		-	----	--	30	12.5 3.3	----	--	t	HT	FN	5.4	5.4	PIT	Strips have alternate holes & slots. Same maker as DUX, & DUX on some Spanners, PITT on others.
PLA	PLANO		LG	IN	61 c-- 90	F	1/8W		d	1/8W	38	99	13.0* 3.8* 4.2* 3.2*		HR*	FF	6.3 m	5.0 m	PLA	MECCANO look but diff pitch & Ø. Strip widths seen: 11.5, & 13.8mm! *Some down to 12.8. *3.65-3.95. Also 4.2 in some 'better' parts. *Some 4.3. *3.6 in another Set. *HC in manuals.		
PLT	PLASTICART, PLASTIKART		LG	GD	80 cp- 80 s	F	M4		d	M4	13*	70	12.8 4.2 4.0 4.0	4.0	HP	FN	6.9	8.0	PLT	Other names said to be used for BURGSTÄDTER. Data from BURGSTÄDTER. * Mod 2.		
PSN	PLASTICON		SH	GD	80 m?-87 c	F	M4		d	M4	25*	71	10.0 4.2 4.0*	4.0	HA	FN*	6.9	7.9	PSN	Made by the same firm as BURGSTÄDTER & parts though smaller, have similar look. * Mod 1. * 4.1 in some sets. * Nuts also FD.		
P B	PLEASURE BEACH																			P B	Parts with PLEASURE BEACH transfer on them belong to CONSTRUCTO [4] (CONSTRUCTO was a 'Pleasure Beach' production).	
PNC	PNCA		SH ?	BZ	04 ?-- 09 +	F						40	10 ?			?	HR ?			PNC	Standard parts & electrical components for 'Robots'. Mainly intended for schools.	
POL	POLYKO		SH	GD	50 s?- 60 s?	F	M4		p t	M4	? --	16	12.5 4			4	HC			POL	A set for schools to make simple models, with 12 'sets' in one box. The lid of the wooden box has a child's Scooter on the lid.	
PLY	POLYLONG		CK	CN	03 -- 09 +	F	M4		p	----	25*	50a	10.0 4.2	----	4.0	Hp	FQ	6.9	6.5*	PLY	Sets fr Polylong & prob other makers sold under various brand names (see Part 2). Most parts as CNN1 but some others. *Mod.1 & finer for Motor/Gear Unit. *6.1 & 7.4 also reported.	
PTA	PONTA		SH	GE	W2 ap	F	3.8x		-	----	--	18	10.0 4.0	----	----	HK*	FK	8		PTA	Details relate to Nr.1 Brückenbaukasten, the only PONTA set known. Strips, U-Girders, both up to 9h long, & Flgd Plates, all blackened steel, to make Bridges. *R Bolts in manual.	
PFX	PONTIFEX		SH	GE	W2 a	FA	M4		-	----	--	24	10.0 x 4.3	----	4.0	SH*	FD*	7.3 m	6.8	PFX	Bridges & other models from shallow Channel Girders, Strips, Plates. Holes often in groups of 3. * Hex Nuts also reported. Some Bolts C. * Some may have brass finish.	
POP	POPULAR POW'R HOUSE		ME	CZ	30 -- 32 k	F														POP	Set(s) produced by Merkur with probably (mostly?) standard parts. Maker's name, see KELMAR.	
PRM	PREMIER		UK	UK	50 l?- 60 k	F	4BA		d	4BA	--	63	12.7 4.6 m 4.0 4.0		SR*	FF	7.9	6.3	PRM	Many unusual Plates, eg 5 & 11h long Flgd Sector Pl; 3-11h long Single Flgd Pl, thick Flex Pl. ** SC BB 7.9 6.2 may also be found. Manual shows R & C head Bolts & small hex Nuts.		
P-F	PRESS-FIX		UK	UK	57 c-- *	F	----		-	----	--	14	12.8* 4.7 4.6 4.7		--	--	----	----		P-F	Some parts painted in more than one colour. Fastening is plastic plug into plastic washer. Wheels push-fit. *MCS has '50s-'57 but Pat. App. 1957. *12.7 in Flgd Plate.	
PCN	PRESTACON		DY	UK	47 -- 50	A	1/8W		p d*	1/8W	38	81	12.7 w 3 * 3.3 3.2		SR*	FF	6.4*	4.8*	PCN	Tool, Strip, A/G, Lattice Girders, & wide range of Gears etc. PRESTACON on Tyres. *Road Wheels s/t. *Also square punch. *Hex Nuts also shown. ** 6.6 & 5.5 also possible.		
PMX	PRIMEX		OO	FR ?																PMX	Name only.	
PRI	PRIMUS ENGINEERING		BU UK	UK	13 *- 26 c	Fw	5/32W		s	1/8W	* 38	97*	12.7 4.1 4.1*	4.0	SC	FC	6.4	5.9*	PRI	*Or 14e. *Most, or 5BA? Some smaller. Later 5/32W. *Inc Big Wheel parts. *Typical but > 4.3. *For Bolts w C look, but many others. Big Whl N&B: 4x32 SM BB 6.4 7.6-7.9.		
PRL	PRIMUS LOCOMOTIVE		BU CR	UK	23 -- 26 c	F	5/32W		s		* 38	16	12.7 4.1			SC				PRL	Parts, many dedicated, to make a Loco. Standard data assumed. * Probably smaller than 5/32 in bosses.	
PMC	PRIMUS MOTOR CHASSIS		BU CR	UK	20 -- 26 c	F	5/32W		s	1/8W	* 38	36	12.7 4.1 4.1*	4.0	SC		6.3			PMC	Mostly special parts. Manual shows bodies from standard & DIY parts. * Or 5BA?, though 7BA Set Screw shown. * Double Gear 4.9.	
P W	PRINCE WILLIAM		CR NM	UK	50 ep	F	4BA		-	----	--	20*	Var	3.9 6.4 6.3		HR*	FK*	7.8	6.2	P W	Loco & various Railway Wagons with some common parts & same Axles/Wheels as one version of BILT-E-ZE (held by Split Pins). *Also sq Nuts. *Nuts BB & ?N.	
PTO	PRONTO-INGENIEUR		OO	GE	63															PTO	Ref: <i>Baukästen</i> p296 - intended for model building in schools.	
PRO	PROTO		PR	UK	60 c-- 05	F	M3		d*	M3	36*	103	14.0 x 3.5 6.0* 6.0*		HC*	FN	6.3*	4.8*	PRO	Basic structural parts are A/G w long slots in both flanges, & 4mm Rods. *Often at 120°. *Mod .7. **& 4mm. *Much later FQ w P head, FK w c head. *5.4 later. *5.5 for Bolts > 6mm lg.		
PRA	PROTOTYPIA		PR RT	FR	60 s-- 70 l	A	?													PRA	Square Tubes, Strips, Plates, & probably mechanical parts.	
PYF	PYFYLY		RT	FR	16 *- 22 k	Bw	----		-	----	--	76*	----	----	1.8 1.7	--	--	----	----	PYF	Bamboo Strips held in metal fittings with slide locking. * Patent date, introduced in UK in 1921. * About half are metal.	
PYG	PYGMÉE		NM	FR	20 k-- 20 s	F							8 a 3 a							PYG	Different lengths of Braced Girders joined with 3h long A/Gs. Also an octagonal Plate, Wheels, some spoked, & perhaps a Gear.	
P K	PYTHAGORAS KONSTRUKTIONSSPIEL		OO	GE	16 ?--															P K	Ref: EZ p179. Other names MIKRONO & ROSETTA, both followed by KONSTRUKTIONSSPIEL. No details except parts may be wooden.	
QGP1	QUELLE GOOD PLAY [1]		TR TR	GE	90 e-- 97 c															QGP1	Sets with this name sold by Quelle, a mail order house, & have TRIX in small letters on them. Probably as TRIX [1d].	
QGP2	QUELLE GOOD PLAY [2]		CK CK	GE	96 c-- 97 c	Fp	M4		s	M4			10.0 4.2			HC	FN	6.9	6.9	QGP2	Probably CONSTRUCTION [1] parts/sets repackaged for Quelle. CONSTRUCTION data assumed.	
QGP3	QUELLE GOOD PLAY [3]		ML	GE	98	F	M4						12.7 4.2 m							QGP3	MEK-STRUCT parts packaged for Quelle. MEK-STRUCT data assumed. METALLBAUKASTEN on box with Good Play smaller.	
QCK	QUICK		SH p	GE		L														QCK	Small set with Car on lid, 2 blokes by it & woman watching from a distance. Parts inc 5*11h Perf Plate, Triang Plate (Flat Trunnion) with 5/3/1h, 3h Ø Pulleys with fat Rubber Rings.	
R S	RADIO SHACK																			R S	ERECTOR & MEKSTRUCT sets with RADIO SHACK name on them as well. Are any sets special to R S?	
RBO	REBO		TR	US		A	6-32		-	----	--	16	7.8 3.6	----	--	t	HP	FN*	6.3 7.3	RBO	TRIX-like parts with sets like Units A & B. * Not Nut which is possibly cadmium.	
RCD	RECORD		MP	GE	50 e	L	M4; M8		M3		--	52	12.7 a 4			4*	HR			RCD	Parts include Strips, Brackets, 9h Ø Plate, & special parts for large Roundabout & Big Wheel inc * large Ø Axle & Bearing.	

REF	CODES (A for single columns) NAME	B Mfr	C TYPE	D CY	E -DATES-	F Matl	G THREAD	H BS-	G THR'D	DP	I Parts	Pitch	dST	dBS	DAXL	J NB	F MF	K A/F	DHD	REF	L plus some A-J COMMENTS	
RKD REX	REKORD REX		LG ML	GE SD		F L						13.0	5.0							RKD REX	Parts look like ZICK-ZACK [2] & from same maker. Data assumed as Z-Z2. Known from Tower Bridge on box lid which looks like MECCANO. Post WW1, sets with MÄRKLIN like parts, called MÄRKLIN-REX, were sold.	
RHO RIG	RHOCANO RIAG R.M.		ML TR	RH GE	75 ck 40 l*	F A	M4 M3	d -	M4 ----	-- 13 *	26* 53	12.7 10.0	4.3 3	4.0 ---	3.9 t	ST HC	FD FF	7.4 5	6.7	RHO RIG	Parts similar to MECCANO but fully perforated 188; 4h 24; 5h 126,a; etc. *In (only known) Set 101. Many parts have 2 rows of staggered holes like ZICK-ZACK [1], but Plates have 2-row pattern along edges with 3-row along centre. Also 7h Ø Plate. *Could also be pre-WW2. *Mod.2. Name changed to CONSTRUCTIONS R.M.	
RBA RDS	ROBA ROBBEDOES		FL RT TE ML	GE BE																RBA RDS	Tubes used to make skeletal models. See FANTASIE 'R'. See SPIROU.	
ROB RCO ROD	ROBO ROCO RODOPI		RT RT TR	GE GE BU	50 s-- 60 k 49 --- 77 k	Fw A F	----	-	M4	* --	12 25	a	4.1*	4.2	4.0	--	--	---	---	ROB RCO ROD	Wood Blocks w Rods joined by J Clamps. Also called BAUKERL ROBO. Looks very like EL INGENIERO MECANICO. & see LIL'GINEER. *J Clamp Grub Screw. *In Blocks. <i>Baukästen</i> , p300, says aluminium Tubes with no N&B or pins. Originally listed as Russian. Design of parts is like German TRIX. ** R head 6.7 also found in set.	
R K RUR R M	ROSETTA KONSTRUKTIONSSPIEL RUR RUSSIAN MECCANO *		OO SH SH	GE GE RS	16 ?-- W2 a 04 k*											HC				R K RUR R M	Ref: EZ p179. Other names MIKRONO & PYTHAGORAS, both followed by KONSTRUKTIONSSPIEL. No details, but parts may be wooden. Conventional parts but Flgd Plate brassed & some parts coppered. Lid has 'RUR' vertically, made from Strips, 2 boys with Rly Bridge w Signals, & Crane in background. Pts look as KVT sf Trunnion, & data assumed the same. *Name only seen on manual: Russian Meccano N2 (w Armoured Car' under it). *Set seen unused but new? *4.8 in Bush Whl.	
SSM SAG SGT	SACHSENMEISTER SAGESSE SAG Tatschmasch *		SH WS CH OO	GD CN GD	48 --- 55 82 k-- 94 c 46 --- 52	FA F A						7.5 12.5	3.3 4.4		4.2	4.0*	HR	FN	6.9	6.8	SSM SAG SGT	Nr.1 known, & Tractor set with mostly spec parts. Parts seen in Nr.1 don't match those in manual (some unusual, some show few holes). Models said to suit steam or elec power. Name used in French markets for WISDOM. * Also 2.6mm for Wheels 015. * Probably the maker's name. Ref: <i>Baukästen</i> p316.
SKO SAK	SAKO SAKOLO *		SH SH p	GE GE	50 s? 50 s?	F F	M4		s * M4	--	20a	10.0	4.1	4.1	4.0	HC	FD	6.9	6.9	SKO SAK	Dull plated parts including 39mm Disc with 'square' pattern holes. White lid has name in red & 2 blue models, a Big Wheel & Crane, cf SAKOLO. * But clearance hole right through. Lid design as SAKO but lg models, a Grabbing Crane & Lorry. Black parts like MÄRKLIN. An Accessory set pic has A/Gs, Tyres, & a bright 9(ish) hole Ø Annulus w rings of 6 & 12 holes..	
SAT SAX	SATURN SAXONIA		SH CR	GE GD	50 e* 62	FA						12.0	4.1							SAT SAX	An Ebay No.2 box has lid w name of Strips & open Lorry. Parts inc some bright Strips but darker smaller parts, & bright (alloy?) Pulleys w Rubber Rings. * <i>Baukästen</i> has c1946-48. Set or sets from VEB Landmaschinenbau Bernburg to make agricultural machines. A comparable set from VEB Landmaschinenbau Torgau is known. Probably mostly special parts.	
SCH	SCHEFFLERS		LG	GD	55 --- 70 c*	F	M4	d	M4	13 *	69	12.8*	4.2	4.0	4.0	HC*	FN*	6.9	5.9	SCH	Called METALL-BAUKASTEN in 70s, parts identical & PNs/sets same. *but all dates need confirming. *Mod 2, also for gear-like Sprocket. *MCS 12.87. *HR also reported. *Nut FK.	
S&C SHO SUN SKA	SCHMIDT & CO SCHUCO SCHUMANN SCHWERKA		OO ME OO MA	GE GE	27 01 ---		F M3.5					10.0	3.9			HC				S&C SHO SUN SKA	Maker, in Berlin, from <i>Baukästen</i> , p304. 10 Junior Technic sets which appear to be repackaged MERKUR. MERKUR data quoted. Name only. Data from a #1 set. Pts inc Windmill Sail w 2*6 lg holes & poss 15h Str in Crane on box lid. *Some steel pts in another #1 set, poss by diff maker. *In #1 set. *or Axles w threaded ends.	
S D SEL S K SAF	SCIENTIFIC BOUWDOOS SEL'KHOZTEKHNIKA SERVO KITS SEYMOUR AIRPLANE FACTORY		MA SH OO AS	NE RS UK ? US	50 s* 70 s-- 80 s UK ? US	F L F	5/32W M4	s p p	5/32W	--	48* 38	12.7 10.0	4.2 m 4.3	4.1 4	4.1 HC	SC*	BB*	8.1*	5.1*	S D SEL S K SAF	Most parts like MÄRKLIN but Windmill Sail w 2*6 lg rd holes. *May be prewar, even 1920s. *+ up to 7 if Set 4 exists. *Nut FF. **** Also SR FN 8.5 8.0 but Nutt FB. Parts inc range of unusual size Flanged Plates, large & small Tractor Tyres & Hubs, C/W Motor. Name only. Photo shows METALCRAFT 810 models, & instructions for same headed Seymour Airplane Factory. Also a promo set for Voigt with 900 series parts.	
SCO SMN	SICO SIEMENS		KM NM ? ES	GE GE	32 --- 33 ---	Lw Fw				--		78a	50.0*							SCO SMN	Coloured wooden Blocks held in metal Frames. Same maker as KEIM. Electrical parts to make Bell, Motor, etc, mounted on wooden Base Board. *Not sure what part(s) this applies to.	
SPX SIM S M	SIMPLEX SIMPLICO SIMPLIFIED MECHANICS		BX RT MC MC	GE UK UK	32 /33 - 14 k 07 c	F F F										SC				SPX SIM S M	A cheap set possibly the same as BAUFIX, Dec 1913 pat has split Rods pushing onto Pins screwed into Hubs (or into hollow Pins). Probably earlier version of TECHNICO. Ad in G&T 10/14 but not thereafter. See also TECHNIKUS [1]. MME under another name, so Strips have square ends & turned over edges, and Wheels held with special Clips.	
SKP S-S	SKIPPER TOY SKY-SCRAPER		NM MP	US US	38 k W2 a?	F A	8-32 6-32	-	----	--	20 20	12.7* 12.7	4.3 3.5		---	SR SR*	FN FF			SKP S-S	Parts probably as MODERN-MORECRAFT [b] despite date, but clarification needed. * 12.7x, also 1/3" & others. 3/8" wide Strips, rubber Wheels, & 5 Plates inc 2 flanged & 2 with 2h deep flanges. * Also hex, same A/F.	
SNP SLD SDO	SNAPSTICKS SOLID SOLIDO		RT LG NM p	UK GE p FR p	48 k 48 k 48 k	F F F				--	6 15*	---	---	10.1	9.5 a	--	--	---	---	SNP SLD SDO	A small set was advertised, probably with KLIPTIKO parts. Relevant data from KLIPTIKO. Details from German language leaflet. *In smallest (Knirps) set - 3*5h Flgd Plate, Strips, Brackets, Wheel Disc, Pulley Disc. 2 larger sets, Kadett & Primus, but no details. Ebay pics shown dull grey Strips with rectangular slotted holes (except round end holes), & wire 'Ladders'.	
SON SPD SPI	SONNEBERGER SPEDICON SPIROU/ROBBEDOES *		SH RT TE ML	GD UK BE	48 --- 71 k 45 --- 47 * 50 l?- 70 s	A A M4	M4 4BA M4	s t *	M3 4BA	17 * * --	64* 32	10.0 Var	4.2* 4.0	4.1 6.6	4.0 6.4	HF CC*	FF*	7.0*	8.0*	SON SPD SPI	Also in MCS as VEB INJECTA, the mfr fr '56. Pts inc 18h Str, Dble Str, A/G. *Mod 1.5. *inc 15 in Gears set. * & 5.4. *Nut FJ. Later Pionier sets w coloured anodised pts & ***FN 6.9 6.9. Plates bolt to tapped Cubes, & 1/4" Ø Rods, w tapped ends & cross-taps, as extra members & axles. *Patent application/acceptance dates. **Multi-tapped fr Pulley vee. *Both serrated. * Bilingual names. The illustrated parts are as those of TEMSI and BCM. * May be 12.73 in 25h Strip & other parts.	
SPL SGR SSS	SPLINTOFIX SPRANGER S S S *		LG ? SH TR	GE GE NE		Fw A						40* 16*	12.0 7.8	3.9 ? 3.4?						SPL SGR SSS	Only very poor Ebay photo. Splint means split pin. Wood & nickel or tin plated metal parts. The wooden Pulleys have brass plated steel bosses. **Probably for the maker, not the system. *Inc 16 wooden. *S S S stands for Sterk, Stabiel, Solide. TRIX-like pts of Flgd Pl, Crank Handle, Pulley, & double-sided Hook. Dimensions given are fr a poss example of the latter. *At least in Set 2 (of 3).	
SBA1 SBA2	STABA [1] STABA [2]		SH NM	GD GE	48 --- 66 a 49 --- 54	F F	M3 M4	s s	M3 M4	34 * *	60a 81	12.0 Var	3.1 4.1*	3.1 4.1	3.0*t 4.0*	HT HR*	FN*	5.5 7.1	5.4 6.8*	SBA1 SBA2	12.3 wide Str, 3-20h, often used curved; Gears w & ss bs, & Worm (wire in man'l but solid in late sets. Mfr: Ehrlich; Hørseljau; Teuteberg. *Mod.75. *mean. *Late may be FQ. Strips slotted full length. * Bevel only. *Probably 15mm in Flgd Plate. * Typical, up to 4.3. * M4 threaded ends. ** Also Bolts D, 8.1; C, 7.0.	
STA SLA STL	STABIL STABILA STABIL-ELECTRIC		WA ST WA ST ES	GE GE GE	10 c-- 72 33 --- W2 33	Fw F Fp	5/32W * 5/32W 5/32W		5/32W	14 *	204* 43	12.5 12.5	4.2 m 4.2*	4.1*	3.8 t	HC ---	FB t	7.5	6.2	STA SLA STL	A few wooden parts. * Mod 1.8. Also normal gears, DP 42 (Mod .6). Early large teeth 'outline', later Bakelite. * Inc 50 special parts. * Many 3.95-4.00. Metal frameworks, including STABIL & some special parts, woven with wool. * And Wool. * Plus some small holes. 2 sets advertised in 1933 but probably never on sale. If they were, probably as ELECTRIC sets 1 & 2.	
SBO SUS SFA	STABILO STABILUS STAFSA		OO SH NM ?	GE GE	03 k-- 10 + 40 l	F F						10.0	4	a						SBO SUS SFA	Name only. 10 small sets to make simplicity models inc a Xmas Tree (cf BRAL model) from Eitech looking parts. May have preceded STABA [2], see <i>Baukästen</i> p264.	
SBK S-N1	STAHLBAUKASTEN STAHL-BAUKASTEN [1]		MP MP	GE GD	48 p 48 p	Fp Fp														SBK S-N1	From Ebay. Black Strips, Brackets, probably for Bridge on lid, but red Wheels in the box. Set made by a Crane company. Manual cover has 2 boys building a Gantry Crane with conventional parts, & man at drawing board in background.	

REF	CODES (A for single columns) NAME	B Mfr	C TYPE	D CY	E -DATES-	F Matl	G THREAD	H BS-	G THR'D	DP	I Parts	Pitch	dST	dBS	DAXL	J NB	F MF	K A/F	DHD	REF	L plus some A-J COMMENTS	
S-N2	STAHL-BAUKASTEN [2]		MP	GE	W2 a	A	M3	o	---	--	22	10.0	3.3		---	t				S-N2	Simple system with Crane, Pylon & Tower on blue lid. Main parts are Strips, a 10h A/G, & a 6*10h Flgd Plate.	
S T	STAHLBAU TECHNIK																			S T	See THALE STAHLBAU TECHNIK	
S-K	STAHL(O)-KLEMM *		RT	AS	68 k-- 69 k	F p				--	28					HH				S-K	Rods & flat Strips joined with Clamps. * STAHL-O-KLEMM after 1968.	
SLR	STANDARD L.R.		NM	FR	30 e*- 50 l	F	5/32W	d	5/32W	38	77	10.0 x	4.1	4.0	4.0	HC	BN	6.0	5.5	SLR	Parts engage together by small pushed-thru indentations/pips & are held by Clips as well as N&B. Tyres, Spanners, Gears have name on them *1931 known; French patent '33.	
SLO	STANLO		DK	US	33 --- 48	F	---	s	6-32	--	35	---	3.1*	3.1	3.0	--	--	---	---	SLO	Much more elaborate than DINKY BUILDER with larger parts. * Only in centre of 'braced' Plates.	
SAR	STAR		ML	IT		F	5/32 W	s	5/32W		86	12.7	4.2	4.1	3.9	ST	FN	6.9	6.9	SAR	Parts generally look like MECCANO/BRAL but 6 point decorative star holes replace outer vee cutouts in BRAL-style Braced Girder.	
STI	STATI		OO	GE	66 *															STI	Made by ALKO GmbH, see Baukästen p229. *Firm bought out.	
S-B	STATO-BAU		SH	GE	W2 a-- 53 b	F	M3	-	---	21 *	62	10.0	3.5		t	HC	FN	6.1	5.4	S-B	Lid & man'l cover has METALLBAUKASTEN in lg & STATO-BAU in v sm letters. Slots & holes in parts. 1 shallow flange on v lg Curved, & A/Gs; 2 on U-Girders * Mod.1.2, needs confirming.	
S B1	STEEL BUILDER [1] *		NM	BD	US	34 --- 38 k	F	4-36	s	4-36	--	67	25.4 *	3.2	3.2	3.1	HR	FD	6.2	5.2	S B1	* Sometimes STEELBUILDER. Some architectural models. Parts bolted together or held by Slide Fasteners. Patent & manual copyright, 1934. * Plus multiples & others.
S B2	STEEL BUILDER [2]		CH	US	04 k	F	M4		M4	--		12.2 *				*	Hr	FN		S B2	Sim WISDOM/MECHANIX but dark grey metallic Str, silver Flgd Pl, purplish-blue plas Flex Pl, red Trunnions/Whl Hub. *Also note Pitch, but parts have same outer size. C/W Motor smaller.	
SCK	STEEL CONSTRUCTION KITS		LG	KO	89 k	Fp	M4	p	---		42*	14.0	4.2 *	---	4.0 *	Hd	FI	6.9	6.9	SCK	7 Kits known. Sold in Canada for 1 year. Most parts very like DELTAX & PNs the same. * At least. * A few 4.7 for hexagonal section Axles. * A/F.	
SCT	STEELCRAFT		OO	US	19 k	F	p													SCT	Mfr: Klax Co., may have been owned by Gilbert. Said to have produced 5 sets.	
S E1	STEEL ENGINEERING [1]		GT	ER	US	21 --- 24	F	8-32			16	40	12.7	4.2 *		SR	FN	7.1	7.3	S E1	Included some parts used in 1924 ERECTOR. Strips have alternate holes & 1/2" long slots. * 4.3 in Flgd Plate, Curved Strips, & other parts - maybe all under paint, but 4.1 also possible.	
S E2	STEEL ENGINEERING [2]		GT	ER	US	29 --- 32 *														S E2	Name believed to have been used by unknown US store for DUPLEX STANDARD CONSTRUCTION TOY, q.v. for probable details. * Not necessarily for all this period.	
S C	STEEL TEC		ML	US	92 --- 96 c	Fp	* 5/32W	d	5/32W	40	80*	12.7	4.2	4.1	4.0	Sd	FQ	6.4	6.5	S C	Most metal parts as MECCANO, or variations, & stamped REMCO or STEEL TEC. *Many plastic, some metal, & special parts in some sets. *In the 6 sets in '92, many more later.	
S-T	STEEL-TECH		GT	ER	US	29 --- 32 *														S-T	Name used by Montgomery Ward for DUPLEX STANDARD CONSTRUCTION TOY, q.v. for details. * Not necessarily for all this period.	
STS	STEEL TEC STARTERS		MP	US	95 ---	Fp	5.5x.3	* p	---	--	100a	12.7	6.0	---	5.5 *	Sc	* pe	10.3	10.2	STS	Many special plastic parts. * Square thread. * Plastic, some with plastic sleeves on 3mm steel. * Square recess.	
SLK	STEEL TEK		ML	US	06 --- 07	Fp	M4	-	---	--	75*	12.7	4.2	---	4.0	ST	FQ	6.5	6.6	SLK	Sets with some parts like STEEL TEC but many specials, usually plastic, for Bikes & Cars. * In SUV set.	
S W	STEEL WORKER		NM	US	28 k-- 30 s	F	4-36	-	---	--	11	9.5 *	3.1	---	---	HR	FN	6.3	5.0	S W	Large Trusses & Channel Girders for structures. * Multiples of exactly 3/8".	
STE	STERLING		MP	US	14 ?-- 15 k	F	8-32	s	6-32	30	63	12.7	4.3	4.0	3.9	SR	FN	6.4	7.2	STE	Finish is Antique Copper (black with copper bands 1" apart) or nickel plated. cf AMB, STRUCTO.	
SHL	STIHL		CH	GE	02 k-- 04 k	F	M4	s	M4	--	47	12.2	4.4	4.2	4.0*	Hb	* FN	6.9	6.5 m	SHL	Blue, orange, white, nickel parts, many sim WISDOM etc, some identical. But diff pitch, tho parts same size o/a. cf S B2. *& 2.6 for push-on Road Wheels. *r head for long Bolts.	
STO	STOKYS		SK	MP	SW	42 --- 11 +	A	5/32W	* d	5/32W	* 38	440*	12.7	4.1	4.1	4.0	HT	BB	* 7.0	5.5 *	STO	Pulleys anodised in colour. Strips with raised edges. Most parts stamped STOKYS. ** Changed to M4 in 1988. * 280 in 1989. * ?K 1988 on. * M4 also 6mm.
SCY	STOKYS CITY		SK	BD	SW	53 --- 61	A	5/32W	-	---	--	31*	12.7 x	4.1	---	---	HT	BB	7.0	5.5	SCY	Printed aluminium panels bolted to frameworks of standard parts. * Including 7 standard parts.
SRS	STRAUSS		MP	GE	p															SRS	Small set seen on Ebay has green 5h Strips & possibly some dark red parts. Also a 9*5h Flgd Plate.	
SCN	STRICON		LG	NE	40 l	F	1/8W	* -	---	--	34	14.0	3.9		---	t	HR	FF	* 6.0	5.4	SCN	Mostly smallish parts.5h Ø Disc has rings of 6 & 12h w stiffening ridge between. Some parts rather like STRUC. *In some sets, M3 in others. *Nuts FD. [M3 are HT, Nut BB 6.2, Bolt FN 5.5.]
STC	STRUC		LG	NE	40 lp	F	1/8W	d	1/8W	13 *	60	14.0	3.9	4.1 m	3.7	HR	BB	* 6.0	5.0 *	STC	Fair range of normal parts plus Half Pulleys, Braced Girders with large centre holes, & large cast alloy gears, marked STRUC. * Mod 2. ** Also Bolts FF, 5.7m.	
S-A	STRUCTAL-AUTO		RT	FR	20 sp	A	3X.6	p e	---	--		Var								A-S	Parts probably as AUTO-CYCLE but fewer. Some different models. * CR + AS.	
STR	STRUCTATOR		RT	GE	13 --- 17 *	FA	*	o	---	--	116			4.3 m	4	-	*			STR	Also called BING'S CONSTRUCTOR. Rods held in Unions by Wedge Sleeves. *Could be '32 but poss by Carl Riel fr '25. UK ads till '24. *& wood Base Boards.*Only to attach model to Base.	
SRO	STRUCTEERO		SH	UK	W2 ap	F	6BA	-	---	--	15	9.5 *	3.0	---	2.4	HC	FD	4.9	4.8	SRO	Badly made, badly designed parts with few holes. * Most pairs of holes, otherwise variable.	
STX	STRUCTEX		MP	BE	50 s	A	p				112									STX	Manual cover shows slightly unusual looking MECCANO-style parts, inc 5*6h Plate, 5*6h Flgd Plate, 5h long Sector Plate, Bevel, & Sprocket.	
STU	STRUCTO		MP	US	15 *- 19	F	8-32	d	6-32	16	79	12.7	4.3 *	4.2	4.1 *	SF	FN	6.4	6.8	STU	Pulleys & Gears are cast. Shafts have small groove along them. * 1913 & 1914 also mentioned. * Some 4.4. MCS has 4.2. * A few up to 4.15.	
SAB	STRUCTO AUTO-BUILDER		CR	US	17 *- 25 *	F	8-32	* d	6-32		43*	12.7 *	4.3 *	4.3						SAB	Kits for 1 vehicle ea w some pts common. Data for #8. *Fr 12/17 Structo ad. Also sold abt then under a different name. *But '27 ad in G&T. *In Steering Arms. *In #12. **Often.	
SMD	STRUCTOMODE		ML	CA	10 l- 30 c?		8-32		8-32	* 38 p	59	12.7 *	4.2	4.3	4.1	SR	F	8.5	7	SMD	Unusual design of Windmill Sail, & Braced Girder (but also M-like versions). * 6-32 in Worm & Contrates. * Up to 12.87 found in STRUCTOMODE type 'semi-circle' Braced Girder.	
SOS	STRUCT-O-SET		NM	US	40 l?	F	4-40	s	4-40	--	15a	Var	3.0 *	3.2	3.2	HR	FF	6.2	5.2	SOS	Similar to TRIANGLE, by same maker. Frame sides from Flanged Triangular Frames bolted together, spaced across by narrow Plates. * Also 3.2 for Axles.	
STK	STRUKTIRON		LG	US	12 c-- 17 c	F	4-36	*	5-40	* 40	77	15.9 *	3.2	3.3 *	3.0	SR	* FB	* 7.2	5.9	STK	3/8" wide Strips w alt holes & lg slots. *But Scr Rods .12"x40. *Not seen. *Basic hole pitch 5/8" exactly; 25/16" in Slotted Strips. *Mean for Whls ss boss. *Hex Nuts earlier. *Also ? FN.	
S L	STUDIO ELEKTROTECHNIK		ES	SH ?	GE p	F		-	---	--		12.5 ?	3.5 ?		t	HR				S L	Electrical parts plus Strips, Discs, Flgd Plate. Elec-mech models inc Crane with electromagnet.	
S Y	SUNNY TOY		ML	AL		F	5/32W			--		12.7	4.3							S Y	A shrink-wrapped set containing a small selection of nickelled BUZ parts, sold only through chain stores. BUZ data used. Also a larger set, boxed with 5*11h Flanged Plate.	
SUP	SUPERSONIC		AS	UK	50 s	F				--	24	25.4 *	4.2 *			SR	FB	p 7.9		SUP	Previously included in MCS under DAN DARE. Models jet powered vehicles, mainly then current aircraft. * Also 1 1/4", 2" & others. * Generally, some up to 4.6mm.	
SVI	SV INGENIØR		OO																	SVI	Name only.	
TAK	TAKA		OO	FR ?	50 c															TAK	There may be 2 systems/versions of this name. No other details.	
TIH	TAK I HAK		OO																	TIH	Name only.	
T-S	TAN-SAD		RT	UK	22	F	---			* --	20e	---	---		3.2 *	-	---			T-S	1/8" Rods connected to spigotted cast Joints by tubular Sleeves. In G&T but was it ever sold? * Might be in possible Wheel boss. * Assumed.	
TCC1	TECC [1]		CK	CK	NE	91 --- 92	Fp	M4	s	M4	32		10.0	4.2	4.1	4.0 t	HC	FN	6.9	6.9	TCC1	CONSTRUCTION [1] parts in 4 Sets packed for Bart Smit store.
TCC2	TECC [2]		ME	ME	NE	91 --- 94 k	F	M3.5	s	M3;M4	30	112	10.0	3.9	3.8	3.7	HC	FQ	5.9	6.0	TCC2	MERKUR parts in sets packed for Bart Smit store.
TMR	TECHMASTER		MP	US		F	* 6-32	-	---	--	26a	12.7	3.9 *	3.5	3.2 *	t	SR	* AA	* 8.0 *	5.3 *	TMR	Shallow Channels ald strips, A/Gs, Brkts. *A few A, wood Spool, plas Whls. *Channels, 4.5 in Brkts. *M19, no Axles. *Some Bolts X-head, csk. *Bolt FN. *& 9mm. * & FD 6.3 known.
TNA	TECHNIA		OO	GE	30 s?															TNA	No other details.	
TNC	TECHNIC		OO	FR	39	F														TNC	Steel parts nickel plated, but wooden Wheels.	
THC	TECHNICO		MP	AL	?						20a									THC	Entry based on one Junior set seen on Australian Ebay. 6 models on lid & manual cover. Parts inc 5*10h Flgd Pl, 4*5h Flex Pl.	
T K	TECHNICAL KID		KO	ES	UK	52 k	V			--	63	Var								T K	UK name for a German Kosmos set. Mainly special parts for science experiments.	
T R	TECHNICAL TRAINER		RT	US	46 k	A	1/4"-20	-	---	--	17	Var	6.4 a	6.3 *	6.4	HH	* FD	11.1*	11.1*	T R	Set A seen; 'B' only in ad. 1/4" Rods w thr'd'd ends joined by Couplings. Lg Bases. *Sample Whl goes over thread but not smooth part of Rod. *Also acom Nuts? **7/16" nominal.	
T/T	TECHNICO/TECHNIKO		RT	GE	19 --- 21	FBA	3.36x	s p	3.36x	? --	68	Var	*	---	4	4	-	C *		T/T	Made by Adolf Huck. Names may be for UK/German markets. Parts probably improved version of SIMPLICIO. * Only in Plates. * Set Screw.	
TNK	TECHNIK		MP	p	GE	W2 a-- 50 e*	F								3.9					TNK	Small set said to have nickelled, brassed, red, silver (or aluminium?) parts. Lid photo in Eisenzeit Pl.60, & Baukästen p218 + open box w grey Strips, Plates. *um 1947-49 in Baukästen.	
TKS1	TECHNIKUS [1]		RT	p	GE	14 ---														TKS1	Probably similar to SIMPLICIO. May be the same but for German market.	
TKS2	TECHNIKUS [2]		ST	GD	50 s?	L	M4	-	---	--	50	12.5 p			---	t	HC		S	TKS2	Parts look very like STABIL. Manual cover has 2 boys working on Crane & Telpher Railway.	
TKS3	TECHNIKUS [3]		KO	ES	GE	30 sp- 51 k	V													TKS3	Thought to be German original of TECHNICAL KID.	
TNO1	TECHNO [1]		OO	IS	?															TNO1	Name only. Could this be TEKNO [3], with a different rendering of the original Hebrew name?	
TNO2	TECHNO [2]		CH	GE	90 lp	F	M4	s	M4			12.5	4.4							TNO2	Probably repackaged Chinese MECHANIC OR MECHANIX, sold in Germany by Remus.	

REF	CODES (A for single columns) NAME	B Mfr	C TYPE	D CY	E -DATES-	F Matl	G THREAD	H BS-	G THR'D	DP	I Parts	Pitch	dST	dBS	DAXL	J NB	F MF	K A/F	DHD	REF	L plus some A-J COMMENTS			
TNO3	TECHNO [3]		TR	CA		F	6-32	-	----	--	30a	7.85	3.4		---	t	HR	* FV * 7.9	6.3 *	TNO3	Parts like TRIX but r/g & no alternate centre line holes in longer Strips; 54mm Ply Disc; black formed Road Whl. ***Bright Bolts but also black F-head Bolts, 5.4 Ø; Nuts various finishes.			
TFX	TECHNOFIX		RT	GE	28 --- 35	k F	----	-	----	--	*	32.0 *				3	*	--	--	----	TFX	3 makers including Kosmos. * Various lengths of Rod up to c30cm joined by interlocking Connectors (M212a type). * In Baseboard. * Possibly 3.5.		
TKD1	TECHNOKID [1]		HA	HU		A	M3	p	d	--	43	15.0	3.4	3.6	3.3						TKD1	Strips have square ends. Edges of plates slightly crenelated & fit together. Some parts mainly for featured Railcar model.		
TKD2	TECHNOKID [2]		OO	GE	W2 a	A															TKD2	Ref: B S p111.		
TEC	TECNIC		LG	BE	44 k-- 70	s F	5/32W	d *	5/32W	25 *	147	13.0	4.5	4.5 *	4.1 *	SC *	FB *	8.9	6.2	TEC	Parts have long slots, most stamped TECNIC. * Some 2nd bores not tapped. * Mod 1. * Gears & some bosses, 4.2. * 4.0 also reported. * & hex Nuts, as sq ones. * Nuts also ZZ.			
TCA	TECNICA		MA	IN	98 k	F	5/32W	d	5/32W	15 *	50	12.7	4.3	4.0	3.9	HC	FI	7.9	7.0	TCA	MÄRKLIN copy, more or less, except Hook like M57c. * 14t Universal Gear.			
TNV	TECNICAVIA		AS	FR	W2 a	A															TNV	Parts probably the same as Phase 1 AVIADYP but may have preceded it.		
TCO	TECNICO		NM	SW	40 m--50	s						2.6x.55	*								TCO	Some Strips/AGs have long slots. * Needs confirming. * & multiples, but with exceptions. * Special larger holes for Axles.		
TKT	TECNIKIT		UK	UK	45 ap-	F	* 3/16W	d	4BA	--	33	12.7	4.6	4.3	4.0	HR	* FF	9.9	8.1	TKT	As MECANIKIT. Pts inc red Strips, 11h Flgd Sector Pl, 5h Trun. TECNIKIT cast into alloy Pulley. Pts w either rd or sq corners. * Some aluminium parts also exist. *Or Sq Nuts, same A/F.			
TCN	TECNIO		OO	FR	50 c																TCN	No other details.		
TCR	TECNOR		OO	FR																	TCR	No other details. TECHNOR is a French system with plastic parts.		
TEO	TECO		ST	AR	W2 ap	Fp	5/32W	-	----			12.5	4.2		---	t	HR				TEO	Most parts look like STABIL but some fairly minor variations. Lid label & manual cover are fawn with boy & 3 models – Excavator; Hammerhead Crane; & Loco with Wagons.		
TGB	TEE GEE BUILDER		OO	US	46 k	L															TGB	Said to be 5 sets, similar to ERECTOR.		
TEK1	TEKNIK [1]		TR	DE	--- 80	s					85	7.8	3.5			t	HC				TEK1	Some unusual parts similar to ABRA. Probably identical to TEKNO [1].		
TEK2	TEKNIK [2]		MP	SD	36 --- 70	F	5/32W	d	5/32W	32	92	12.7	4.2	m	4.0	4.0	SC *	FB	6.4	6.0 *	TEK2	Parts inc Single Flanged Plates, DAS w centre boss, Gears including Curved Rack. ** Longer bolts RH 7.1 Ø. N&B data need checking.		
TKO	TEKNIKO		ML	TY	62 a	Fp						52*	12.7	p	4		H *				TKO	Details from incomplete No.1 snip, probably as 1962 MECCANO No.1. * Needed for the MECCANO models on the lid. * Shallow head.		
TKN1	TEKNO [1]		TR	DE	39 k*- 70	s F	3.5x.8	* d	3.5x.8	36 *	76	7.86	3.6	3.6	3.5	t	HT	FB *	7.0	6.0	TKN1	Probably identical to TEKNIK [1]. Also a TEKNO-ELECTRO like TRIX. *1939 definitely but 1931 also reported. *As prewar TRIX. *36-38; Mod ≈.7. Also gears with TRIX teeth. *Nuts BB.		
TKN2	TEKNO [2]		MP	NO	35 k-- 70	k* F	* 5/32W	d	5/32W		140	12.7	4.2	4.1	4.0	SR	FN	6.3	6.8	TKN2	Many parts M-like. Unusual pts inc Eccentric Whl, 96mm Ø Ply, 32*15cm Perf Pl &, added to the PL, a 60mm plastic Whl. *Reported, '64 for sure. *A at one point postwar.			
TKN3	TEKNO [3]		LG	IS	W2 a	Fq	5/32W	s	5/32W	12	137*	13.0	3.9	4.1	m	3.8	HR	FN	8.0	7.0 *	TKN3	Parts generally like VASEK (many MÄRKLIN-style) but significant differences. * Inc many lengths of Fibre Plates, but long lengths in sets to cut up. * Also 6.7.		
TST	TEKNOSET		TR	SD	* 35 ?-- 40	s? F	5/32W	-	----	--	16	7.8	3.9		---	---	t	HC	FN	6.3	6.0	TST	TRIX-like parts, painted dark red/green. Bright yellow lids with boy & models. * Danish in MCS.	
TEM	TEMSI		TE	ML	NE	48 k*- 99	F	M4	d	M4	38	128*	12.7	*	4.2	4.1	4.0	HC	FN	7.0 *	5.5	TEM	cf SPIROU, BCM. *May be 1946. *- * Current, earlier fewer parts and Nut was 7.8mm A/F. *12.73 in many parts.	
TIO	TEN IN ONE		AS	US	20 s?	Fw						27*	Var				t	HP			TIO	Aero set probably similar to BUILD-A-PLANE with twisted rubber drive. *There was also a set to build 30 models.		
TES	TEST		SH	FR	50 s	F	5/32W	s	5/32W	--	36	12.0	4.0	*		3.9 *	HP *	Fs	8.0		TES	M-like pts sf 27,13h Strips, 9*5 Flgd & 3*9 Perf Pl, Truns w some sltd h, M19b ss sltd h, 3,4h lg sltd Cranks. Sq corners sf Strips, etc. ** 4.3, 4.0 also reported. * M head for lg Bolts.		
TEX	TEXAS		OO	SP	?	L															TEX	Mentioned as TEXAS metal construction set in MACON leaflet.		
TMB	THALE METALLBAUKASTEN		KR	MA	GD	70 *	F	M4		M4	--	28	12.5	p			4.0	HC	F		TMB	An educational set for schools. Only the manual (11 cards inside a folder) has been seen, & also has METALLBAUTECHNIK on it. Pts inc 5*11h Flgd Pl not in TSK. *PR: P 321/70.		
TSK	THALE STAHLBAU TECHNIK		KR	MA	GD	46 --- 75	F	M4	d	M4	20 *	64*	12.5	*	4.2 *	4.1	4.0	HC *	FF *	6.9	6.9	TSK	Some hole patterns not as MCS. 5.7 holes ald slots qqf. *Mod 1.25. *inc 10 in Geometrie set. *Early: 12.7. *Early: 4.1. *R Bolts in MCS. * & FK Nuts. Early Bolt/Nut: F FF 7.8/H AA 7.9.	
TBB	THE BRIDGE BUILDER		MP	UK	14 ck																TBB	See MODEL BRIDGE.		
T C	THE CONSTRUCTIONEER		SH	US	46 --- 50	e F	8-32	s	6-32	16	55	11.1	* 4.7	4.2 *	4.0	HR	FN	8.6	7.6	T C	Mainly Strips (5-15h), Flgd Plates up to 24*6h, & some special parts eg fairground pts. A few parts are marked URBANA MFG. CO. URBANA. OHIO. U.S.A. * 7/16". * A few up to 4.4.			
T E	THE ENGINEER		MP	CA	40 e?-40	s? F	6-32	* s	6-32	--	43+	12.7	* 5.0 *	4.9	4.7	HR *	FD *	7.9 *	6.2 *	T E	Strips w raised edges; special pressed parts. *8-32 N&B also poss. *12.63-12.73. Also Strips w centre hole abt 17.6mm fr adjacent holes. *4.7-5.3. ****For 8-32: SM FN 9.7 8.3.			
T W	THEIß, WILHELM Jr *		OO	GE	49																T W	* Maker's name. Ref: <i>Baukästen</i> p316.		
TLE	THE LITTLE ELECTROTECHNICIAN		ES	UK	99 k																TLE	UK name for MEHANO(TEHNIKA) Electrical set, q.v.		
TSE	THE SMART ENGINEER		NM	US	p	W1 bp	Fw					31*	10.3	2.9			H -			---	TSE	WALTHER'S INGENIEUR under this name. * In Set 8.		
TBI	TIBI		ME	SH	HU	70 s?						10	?								TBI	A small No.1 set on Ebay has many parts that look like MERKUR [1], apart from their colours. Yellow lid & manual cover with stylised red/blue boy & models.		
TIG	TIGVALE		OO	GE	?																TIG	Ref: name only in MCS.		
TIM	TIM		NM	RT	SWp	49 kp	AF	4x ; 8x	-	----	--	37	---	---	15	15 *	KK *	F	8 *		TIM	Set to make full-size Scooter & other models from, say, 20cm Wheels & 19mm Tubes. * Also 8mm. * Special conical shape. * Also 14 for 8mm thread.		
TIN	TIN TOWN HIGH RISE		BD	US	98 --- 03	+ F	----	-	----	--	13	---	---	---	---	---	---	---	---	---	TIN	Selection of BILT-E-Z parts made with new tooling.		
TIT	TITAN		SH	GE	48 c-- 60	c* F	M3.5	s	M3.5	34 *	100	10.0	3.5 *	3.4	3.4	HC	FN	6.0	5.9	TIT	Pts inc 77,118mm Ø Flgd Pl; Spkts > 98mm. Pl w top/btm red/blue. *Bk: c'70. *Mod.75; & 24 DP, Mod 1.05, to mate w Spkts. *Black pts; painted 3.4. Early pts E & many different.			
T B	TOY BUILDER		GT	ER	US	13 --- 16	k F	8-32	-	----	--	15a	12.7	4.2		---	SR	FN	9.5	7.5	T B	Name used for early small ERECTOR sets. Later sets called ERECTOR TOY BUILDER.		
T F	TOY KRAFT		ML	IN	99 k	F	5/32W	p	----	--	29	12.7	4.2	---	4.0	m	HC	FI	7.9	5.9	T F	5 small single-model sets from company with rocking horse logo. Many parts like TECNICA & MR MECHANIC.		
TMU	TOY MECCANO UNIVERSAL																				TMU	See KONSTRUKTOR UNIVERSAL'NYI.		
T P	TOY PLANNER		MP	US	16 ?-- 20	? F	8-32	-	----	--	6	12.7	4.8	---	---	SR	FF	8.9	7.5	T P	Main parts are brass plated and inc: '5h' Strip with 3 holes & 2 large diamonds, 3*9h Perf Plate, 23mm Ø Disc. Boy, girl & large skeletal House on lid.			
TOY1	TOY TOWN [1] *		SH	AL	40 c-- 50	c F	1/8W	-	----	--	5	9.53 *	3.4	---	---	SR	FN	6.3	5.5	TOY1	* On box; model sheet has TOYTOWN. Special small set from makers of TOY TOWN [2]. 3*5h Flat Bracket, 1*1h Angle Bracket, & small Disc. * 3/8".			
TOY2	TOY TOWN [2]		ML	AL	45 k	F	5/32W		5/32W	--	26	12.7	4			4	HC				TOY2	3 'Engineering Sets' known with usual small range of M-like parts (+ 15h Strips), but other parts on manual cover inc 3" Pulley. TOY TOWN [1] from same maker has entirely different parts.		
T M	TRANC MADERA		LG	SP	40 sk	wF		-	p	--	29*	36	6		8	HH	F	10	10	T M	Wood Strips & Plates with steel fittings. Data from Set 1. * Inc 15 metal.			
TRI	TRIANGLE		NM	US	47 *-	F	4-40	s	4-40	--	20a	Var	3.0 *	3.2	m	3.1	HR *	FF	6.1	5.4	TRI	Frame sides from Flanged Triangular Frames bolted together, spaced across by narrow Plates. Similar to STRUCT-O-SET. * Copyright date. * Also 3.2 for Axles. * Sq Nuts in Model Leaflet.		
TET	TRIC ET TRAC		OO	FR	50 e																TET	Name only.		
T-R	TRI-SECTOR		NM	UK	21 ---	F						10?	31.8 *	4.7 *							T-R	The only structural parts are RH & LH Flanged Triangles, 2½*3¼". Known from 1921 ads. May have been short lived. * 1¼". * In the Flgd Triangles.		
TRX1a	TRIX [1a]		TR	TR	GE	30 --- 41	F	3.5x.8	p	3.5x.8	p	33	47a	7.8	3.6		t	H			TRX1a	No parts seen.		
TRX1b	TRIX [1b]		TR	TR	GE	47 --- 68	F	M3.5	d	M3.5	33	50	7.8	*	3.6	3.6	3.5	t	HC *	FB	6.0 *	5.9 *	TRX1b	* Up to 7.84 found. *** Also HT 6.1 6.0.
TRX1c	TRIX [1c]		TR	TR	GE	69 --- 72	F	M3.5	p	M3.5	p	33	72*	7.8	p	3.6	p	t	HT	S		TRX1c	New parts include 2 Circular Strips, Universal, Tyres, electrical items. * 21 electrical parts included.	
TRX1d	TRIX [1d]		TR	TR	GE	73 --- 99	F	M3.5	d *	M3.5	33 *	84a	7.8	3.8 *	3.6	3.5	t	HC	FB	6.0	6.0	TRX1d	Additional plastic parts, mostly Gears & Pulleys. Circ. Strip dropped in 1977. *some parts s/t. *For old gears (new are Mod 1.5). *In BZP parts but a few 3.7; 3.5 in painted Flgd Plate.	
TRX2a	TRIX [2a]		TR	TR	UK	31 --- 40	F	3.5x.8	d *	3.5x.8	* 33	47	7.8	*	3.6	3.5	t	HT	FB	6.5	6.0	TRX2a	*- * or similar, not all UK N&B fit Continental ones. * Some s/t. * Shortest seen 7.75.	
TRX2b	TRIX [2b]		TR	TR	UK	46 --- 65	FA	* 4BA	s	4BA	33	50	7.8	3.6	3.6	3.5	t	HT	FB	6.5	5.7	TRX2b	* A/Gs (nearly?) always aluminium. Flanged Plate usually; other parts occasionally. Parts painted from 1960.	
TRX3	TRIX [3]		TR	TR	FR	32 p-- 68	* F	3.5x.8	d	3.5x.8	33	50	7.8	*	3.6		3.5	t	HD	FD *	6.5	6.0	TRX3	Data fr early postwar Sets 1,1a. Parts nickel fr '50; painted fr c'59 & stamped ECF at some stage. *Production restart c'47. German imports post '68. *Up to 7.85. *May be FF. FB later.
TRX4	TRIX [4] X-ACTO		TR	US	50 c-- 56	F	4BA														TRX4	Units A-G, etc. Some parts nickelled & may have been made in US; others probably imported.		
TRX5	TRIX [5]		TR	SP	32 *-	50 ek															TRX5	Set said to be from early 1950s has red/blue/green parts. Nickel parts seen in a similar set. * 1932 or 1933 possible but not certain.		
TRU	TRUMODEL		GT	ER	US	29 --- 32	*														TRU	Name used by Sears Roebuck for DUPLEX STANDARD CONSTRUCTION TOY, q.v. for details. * Not necessarily for all this period.		
T T	TRUMODEL TOYS		NM	US	24 --- 26	Fw						Var	4.4								T T	Realistic models with many (most?) dedicated parts.		

REF	CODES (A for single columns) NAME	B Mfr	C TYPE	D CY	E -DATES-	F Matl	G THREAD	H	G BS- THR'D	DP	I Parts	Pitch	dST	dBS	DAXL	J NB	F MF	K A/F	DHD	REF	L plus some A-J COMMENTS	
TUB	TUBA		RT	GE	33 *-- 35 k	Fw	----	-	----	--	23	20.0	5.8 *	5.9	5.5	--	--	---	---	TUB	5.5mm Tubes joined w fold over Clips, Flex Pl, wood Plys held on Tubes by cone Clips. Coloured parts reported but prob not. Sold in UK '34-5. * Patent date. * In Flex Pl, no Strips.	
TPC	TUBEPLAC		RT	FR	50 s*	F	3x	-	?	--	41	Var	3.4			HC				TPC	7mm Tubes connected by Clamps, with Plates bolted on. * 1930s from <i>Eisenzeit</i> .	
TUP	TUPO		NM	GE	50 s	Lp		-	----	--	30	Var				H				TUP	Special parts to make human & animal figures. Ball joints clamped in 'Strips' by small N&B give movement.	
UFA	UFSA		TR	IT	30 s?	L					17*	7.8 p								UFA	Most parts like TRIX but some differ in size & design. Nice Chair-O-Planes on lid & manual cover. * At least.	
ULX	ULOX		BX	UK	30 k-- 31 k	F	5/32W	-	----	--	37	13.0 *	4.2 *	---	---	t	HC	FF	* 7.5	6.3	ULX	Similar to BAUFIX but holes larger & hole spacing in Discs is 13mm (*but ≈11mm in early 30mm Ø version). Also wider range of parts. * Some 4.1. * Later FP.
ULT	ULOXETTE		RT	UK	52 k		----	-	----	--	10a	---	---	---	---	---	---	---	---	---	ULT	Springs (short lengths of spring curtain wire) push into Connectors, with Plates clipping over the Springs.
UMK	UMAKIT		UK	UK	62 *	F				--	39	12.7	4.3 *							UMK	Models on box lid as CONSTRUCTO [2], and parts very similar or identical. * Company into liquidation. * In 11h Strip, 4.0 in many other parts.	
UCS	UNICUS		OO	GE	24 --- 25	L					91	10 *				4.0	R			UCS	Made by Otto Schlenker; <i>Baukästen</i> , p304 mentions cheap flexible Strips.	
UNI	UNIMETAL		MA	AR	47 k	*	L				11	27.0 *	7.1 *	---	---	* H	FD	*	9.5	UNI	*45-55 in MCS. * Deduced from illustrations of circular parts & their stated diameters though parts look MÄRKLIN-like & Swing Bridge in MCS is as a '20 MÄRKLIN manual.	
UNT	UNISTRUT		RT	US	49 k*	F	1/4-20	-	----	--										UNT	Galvanised Channels & Brackets for Furniture etc, no Wheels. * From catalogue with set. * 1 1/16". * 9/32". ** Special 'sprung' rectangular Nut with grooves to lock into Channel lips.	
UVL	UNIVERSAL		SH	BE	40 s?- 50 s?	F *				--	30	12.5	4.1	---	t					UVL	Strips, a few Plates inc 1 flanged shown w top unpierced, Pulleys, Discs, & Tyres. No holes shown, all rectangular slots. *1 or 2 Wheels wood; 1 (+ other parts?) aluminium.	
U T	UNSERE TAKTSTRASSE		CR	GD	60 s?*															U T	Theme set to make 2 Tractors, with special parts. No other details. *1961 reported.	
USN	USINAUTO		OO	FR	20 l-- 30 s															USN	Name & dates only.	
VSK	VASEK		LG	CZ	--- 60 l	Faq *	M4	d	M4	12 *	143	13.0	4.1	4.1	4.0	HR	FF	7.0	7.0	VSK	Many MÄRKLIN type parts; + many Strip/Flat Brkts; & in fibre: Triang Pl; Perf Pl 2,3,5h* >25h long, & 7*12h; 14h Windmill Sail. * Mainly F or A parts in sets. * MÄRKLIN type Gear Rings.	
VEN	VEB INJECTA																				The MCS entry under this name is for the SONNEBERGER system - VEB Injecta is the manufacturer.	
VENTO	VENTO		PR	UK	90 b?	Fp	M4			25 e	40*	15	4.5							VEN	Later called AUTOMATION. Parts only, no sets. Wheels etc probably push fit on axles. Parts must be cut to length. * Inc 4 long plastic Plates & Strips.	
V F	VERKEHRS FLUGZEUGE		AS	AS	40 k?	L				--	31	12.7 ?*				HC				V F	'Classical' simple Aero set with corrugated parts. * 12.5—13 likely.	
VSR	VERSOR		MP	RS	?	L					30a									VSR	Ebay pic shows bright Strips, orange 9*5h Flgd Pl, & 6 Tyred Pulleys (yellow & red). Lid & manual cover have VERSOR across top left corner, & KONSTRUKTOR in larger letters.	
VEX	VEX		MP	US	05 --- 11 +	F	8-32; 6-32	s	6-32	24	*	4.6 *	3.2 *	3.2 *		Hm	SS	* 8.6	7.8	VEX	Kits & parts for Robots, mainly structural parts, gears, wheels, sensors, R/C. *Large range. *Square, also a few 3.2 Ø. **Square Axles & bores. *Also FK Bolts.	
VIS	VINTIK I SHPUNTIK		SH	RS	89 k	F	M4			--	30	10.0			4 a	HR				VIS	Small parts through 5h except 10h Strip, for Cranes & Diggers. Motor & separate Gearbox.	
VOG	VOGUE		UK	UK	48 p-- 60 e*	F	4BA	d	4BA	--	35	12.7	3.9	3.9	3.7	HR *	FB	7.9 m	6.4 m	VOG	cf PIONEER, METALCRAFT, & PALIKIT. Corners of Strips cut at 45°. * Known for sure 1957. * Also square Nut, same A/F.	
VLN	VULCAIN		NM	FR	34 k	L														VLN	Panels that fit together. probably without N&B. cf CONSTRUC.	
VUL	VULCANO		ML	IT	30 s?- 50 s						27*	12.7				HC				VUL	* In Set 2. Part Nos. go up to 127 so there may be many more parts. The only unusual part shown in MCS is a 5*3 Flgd Plate flanged on its long sides.	
W I	WALTHER'S INGENIEUR	WA	NM	GE	04 c-- 14	Fw				--	78*	10.3	2.9			H -				W I	Parts joined with bifurcated paper clips. In France INGENIEUR WALTHER was original name of ARTS ET MÉTIERS Série 3. * Approx.inc at least 20 wooden.	
W-M	WALU-METALL WEHMA		LG	GE	46 k	F	M4.M3(?)	-	----	--	35	15.0	4.2			--- t	HH *			W-M	Main parts: Strips > 25h; 5*9h Flgd Plate; 5 & 7h DAS; 5h long Flgd Sector Plate; 3 & 5h Ø TRIX type Pulley Discs. * For M4. SD for the M3 N&B, if genuine. See DER JUNGE BAUMEISTER [2]	
WMA	WEMA		SH	GE	46 --- 48	F	* M4	d	M3	13	64	10.0	4.2	4.1	3.9	HC	FB	8.0	6.5	WMA	Alternate holes & slots in Strips, A/Gs. Large TRIX-style Worm. Gear mates with slots in side of large Flgd Disc. * Some parts made from aluminium offcuts are mentioned in <i>Baukästen</i> .	
WNK	WENEBRIK		BD	UK	15 --- 30	s	F	----	-	----	--	27	---	---	---	---	---	---	---	WNK	Small tongued & grooved pressed metal parts which push into one another to form walls & roofs.	
WRN	WERNER'S Metallbaukasten		TR	GE	W2 a -	F	p													WRN	Early postwar copy of German TRIX. Lid has name, 'WM' made from Strips, an original Tractor, & one other model.	
WSO	WESO		RT	GE	W2 ap	F	p	*	-	----	--	---	---							WSO	WESO MECCANO CONSTRUCTOR set label. Black Tubes w spring clip Connectors. * Few if any N&B.	
WFL	WESTFALIA		LG	GE		F					20a	14.1	4.2							WFL	Red Flgd Plates, & Strips etc which could be brass plated, or dull grey. Is this the TECHNIK-METALLBAUKASTEN WESTFALIA mentioned in EZ?	
WEY	WEYCO		PR	RT	UK	60 c	F	M3	d p	M3	36	50+	4		4	H				WEY	First name of PROTO, changed soon after launch.	
WHS	WICHELHAUS, H *		OO	GE	49	A	p													WHS	* Maker's name. Sets to make Overhead Railway. Ref: <i>Baukästen</i> p325.	
W-D	WI-DI		SH	GE	47 k	Z	M3	*	-	----	--	23*	6.0 *	3.4	3.5	3.0 t*	HC *	FF	5.5	5.5	W-D	The No.0 lid is printed red w simple crane. Pts: Str, some w sltd h, Pl, & wood Ply. * & 3x6. *In No.0. *Multiples, & others in Pl. *Into 7.8mm Ø wood Winding Rod. *+ 5.6mm Ø RH.
WIF	WIFRA		OO	GE																WIF	Perhaps this is Wifra MERKUR, see MERKUR [1].	
WIM	WIMA		ML	GE		F	p				11*	12.7 *	4							WIM	Parts in only photo seen look like nickel MECCANO. Lid label has blue background & boy playing with a small Crane. * About, probably. * At least.	
WIS	WISDOM		WS	CH	CN	82 k-- 94 c	F	M4	s	M4	--	46	12.5	4.4	4.2	4.0 *	HR	FN	6.9	6.8	WIS	cf CONSTRUCT-O-STEEL, CONSTRUCTION MODELS. Sold as SAGESSE in French markets. Parts inc 7h Flgd Sector Plate, & 7h Trunnions * Also 2.6mm for Wheels 015.
WTH	WITHE		MP	GE		F	M4	-	----	--	14	12.7	4.2	---	---	SR	FB *		7 *	WTH	Lid has a 4-span Bridge on pale yellow cover, w Wir bauen eine Brücke in red along t	
WIT	WITTNER, PAUL RUDOLF * WKO nbhnc		OO	GE	50															WIT	* Maker's name. Set to make electric Mine Railway. Ref: <i>Baukästen</i> p325. Name used in MCS/NZ for KONSTRUKTOR-SHKOL'NIK.	
X	X *		MP	SD	30 s-- 40 s	F	5/32W	t		15 a	38	12.7	4.2			HC				X	* KONSTRUKTOR in MCS. Parts inc MÄRKLIN-type 5*11h Flgd Plate; Conveyor Belts & parts for, eg Rollers & (?) sheet metal Brackets; Strips 3-25h inc 10 & 11.	
YOD	YMEAEU YODER		ES	US	36 --- 57 a															YOD	Name used in MCS for YUNYI UMELETS. A set to demonstrate geometrical properties with Rods, transparent Perforated Plates, & elastic Cords.	
Y E1	YOUNG ENGINEER [1] / LE J* ING* ME	ME	ME	CA	78 --- 80	F	M3.5	s	M3;M4	30	49	10.0	3.9	3.8	3.7	HC	F			Y E1	** LE JEUNE INGÉNIEUR. Bilingual names. Parts from MERKUR & details assumed the same.	
Y E2	YOUNG ENGINEER [2]		ML	IN	97 k	F	5/32W	p *	----	--	32	12.7	4.2	4.2 *	4.0	HC *	FI	7.6	5.9	Y E2	Mostly copies of the newer MECCANO parts. * Rubber ½" Pulley. * 1" plastic Loose Pulley. * Also RH Bolt, FQ, 5.9 DHD.	
YES	YOUNG ENGINEER'S SET		ML	AL	40 s?	F	5/32			--	28	12.7	4.2 p			SC				YES	Parts in manual look generally like BETTAFIT. The hole pitch/dia is for parts that might be genuine.	
YUN	YUNOST*		ML	RS	79 k-- 90 ek	FA *	M4	d	M4	--	73	12.7	4.3	4.2	3.9	HR	FE	7.0	6.8	YUN	IOHOCTb in MCS. MECCANO copy. MECCANO manual models except Helicopter on cover. *Often Al Strips, Flgd Pl; steel Flex Pl. But may be all Al parts earlier.	
Y U	YUNYI KONSTRUKTOR YUNYI UMELETS		ME	RS	82 k		M3			*	47*	10.1 *	4.3 *			HC				Y U	One set of KONSTRUKTOR [11]. Name, in Cyrillics, is moulded into box but is not on Model Sheet. MCS YMEAEU. * May not be as N&B. * May be +14 not illustrated in MCS. ** MCS, but the drawings of the parts look exactly like MERKUR.	
Z-Z1	ZICK-ZACK [1]		WK	TR	GE	30 e-- 38 p														Z-Z1	Strips with 2 rows of staggered holes.	
Z-Z2	ZICK-ZACK [2]		KM	MP	GE	38 ---	F	M4	s *	M3.5	40a	12.7 *	4.4 *	3.9	3.5 *	HF *	FF *	7.0 *	8.0 *	Z-Z2	Ordinary pts sf 14, 18h A/G; 5*2,4,5h Flgd Pl; 9h Flgd Pl w 3*5 cutout; 50mm 6h Disc; short Twisted Str. Sharp cornered Plates, A/Gs. * & d. *to 12.8. *to 5.0. *Al. ****Others poss.	
Z-G	ZIG-ZAG		TR	SD				t				7.8 p				HC				Z-G	TRIX-like parts but plus Bush Wheel & bossed Pulley.	
ZGL	ZOGEL Metallbaukasten		SH	GE	46 --- 48	F		-	----	--	20	11.9	4.8			H				ZGL	Preceded FG METALLBAUKASTEN, & is probably the same. Data from FG set.	