

MCS DATABASE

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	Parts	I Pitch	dST	dBS	DAXL	J NB	F MF	K A/F	DHD	REF	L plus some A-J COMMENTS		
10T	100 IN ONE TOY		LG ?	US	16 c?	F		-	----	--	7	Lg ?								10T	Pocket Set. Strips & DAS embossed along edges with wavy pattern, & joined by bifurcated Clips, & Nuts & Bolts. Wheel Discs embossed with 8 spokes. Ref: S.Cal. N/L 4/89.		
1TO	100 TOYS IN ONE		MB	US	30 s?	Fw	----	p ?	----	--	15	8.7	3			--	--	---	---	1TO	A Louis Marx 'Match Box' set with boy & girl on lid. In MCS parts are same size as other 'small' MB sets but box shown as if the 'large' size (enlarged?). Washers are rubber.		
AAR	AAR		OO	AS ?	30 s?															AAR	Ref: <i>Baukästen</i> p328. No details.		
ABR	ABRA		TRt	DE	---	80 s					45 *	7.85	3.6			HC				ABR	Like TRIX but wider range of parts, some of which as TEKNO [1] & TEKNIK [1]. * May be more.		
AQA	ACQUAVIVA		OO																	AQA	Name only.		
ATM	AÉRO TECHNIQUE MACREZ		AS	FR	29 kp-	31 k	Ap	4x.75	-	----	--	20 +	12.0	4.1	---	4.06	HF	BB	5.5	5.0	ATM	PÈRE NOËL in MCS. Also known as AÉRO MACREZ NOËL, A-TECHN-, A-TECK N- (error). Plastic parts are coloured. Ready made, & sets for specific, models may exist.	
AJT	AJET		AS	UK	50 l?		F	4BA			--	30 +	12.7 x	3.8		---	HR	FB	8.0	6.2	AJT	Development of DAN DARE, with some new parts. Data need checking.	
AJU	AJUSTO		RT	FR	33 k-		Fw	----	-	----	--	20	---	---	14	*	--	--	---	---	AJU	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 a Clip at either side.	
AKN	AKRON *		SH	GE	W2 a-	50 e	F	----			--	12	5.0	3	*	2	e	--	--	---	---	AKN	* 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	ALCON *		RT	UK	49 ---	52 a	wA	----	-	----	--	9	---	---	2.3	---	--	--	---	---	ACN	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.	
ALE	ALEMANI		OO	IT ?																ALE	Name only.		
AMP	ALLWRIGHTS MECHANICAL PROD*		SH	UK	W2 b?		A	6BA	p	-	----	--	10	9.5 *	3.1	---	2.67 *	HC	FN	4.9	4.8	AMP	PRODUCTIONS. Unit sets with parts identical to CONSTRUCT but smaller range. Axle & N&B data from CONSTRUCT. * 3/8" exactly. * Crank Handle, no Axles.
ALF1	ALPHA [1]		CH	CN	54 a*		F	5/32W	d	5/32W	--	53	12.7	4.3	4.2	3.96	SR	FB	6.5	6.8	ALF1	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.	
ALF2	ALPHA [2]		SH	GE	31 ---	33 +*	Fp	M4			17 *	79	12.0	4.1			HC *	F			ALF2	Unusual parts inc Bakelite Road/Pulley Whls, Helical Gear. Nickel Strips 11.8mm wide. A/G 12*14mm. *Mod 1.5, also small-tooth Gears, DP 39e. *c1970 possible. *R also shown.	
ACO	ALUMINIUM CON* OUTFIT		MP	UK	45 a-	50 s	A	4BA	*	e	----	--	23	12.7	3.9	4.1	3.18 *	HC *	FF *	8.0	6.2	ACO	CONSTRUCTION. Strips not square ended as shown. ELGIN parts same. *Std 6BA N&B also known: BB,FF. *C/Handle. *Sq Nuts on box. *Nuts BB, not F of Parts List.
ACS	ALUMINUM CON* SET		MP	US	50 s?		A				--	8	12.7 p								ACS	CONSTRUCTION. Details from manual. Looks similar to GIRDER-BILT.Strips shown with square ends.	
AMB	AMERICAN MODEL BUILDER		ML	US	12 ---	21	F	8-32	s	6-32	30	74	12.7	4.2	4.1 m	3.96	SC *	FB *	6.5	6.5 *	AMB	Ridged & flat Plates. cf CASTLE BUILDER. Spanish version EL CONSTRUCTOR DE MODELOS MECÁNICOS. * Also 7.1-7.5mm R head. * Also brass & nickel plated.	
AMI	AMI LAC		MM	IT	22 *-	04 +	F	5/32W	s	5/32W	38	470	12.7	4.1	4.0	3.91	HT	FB	8.1	6.9	AMI	Parts are repros of much of MECCANO & MÄRKLIN ranges, but some others. * Produced sets for short period starting 1922/23, restarted 1956.	
ANC	ANCHOR ENGINEER	RI	RT	UK	14 ---	28 c	F	----	o	----	--	20 a	---	1.7 *	3.6	3.50 m	--	--	---	---	ANC	UK version of IMPERATOR. Strips clip into Hubs. Called LITTLE ANCHOR ENGINEER & ANCHOR ENGINEERING in 1914/22 G&T ads. Axle has flat. *In Hub.	
AND	ANDERS		NM	GE	45 ---	50	L				--	25 a	Var *								AND	Specialised parts with few holes, mostly red, blue & gold, to make small range of models - Cranes, etc. Gnom & Gigant outfits. * To suit models.	
ANK	ANKER		SH	GE	50 s?	*	Lp ?	M3				47	12 e				HC				ANK	Small selection of normal parts, inc 5h Trunnions, but also 6 Gears inc a Bevel. * Also said to have been made in Germany during WW2 & marketed in Japan.	
AKR	ANKER-METALL, -INGENIEUR	RI	RT	GE	13 ---	20 e															AKR	Alternative names for IMPERATOR q.v. cf ANCHOR ENGINEER. Dates from IMPERATOR.	
APN	APENES		OO																		APN	Name only.	

REF	CODES (A for single columns)	B	C	D	E	F	G	H	G	I	J	F	K	L	L plus some A-J							
REF	NAME	Mfr	TYPE	CY	-DATES-	Matl	THREAD	BS--	THRD	DP	Parts	Pitch	dST	dBS	DAXL	NB	MF	A/F	DHD	REF	COMMENTS	
ARK	ARKIRECTO		BD	UK	34 --- 36	F	1/4x40	* c	----	32	82	12.7 x	3.2	3.1 *	3.05 *	--	--	---	---	ARK	Sets: mechanical, architectural & combined. Collet fixing. Most parts stamped ARKIRECTO. * for Collet. ** 3.25; 2.6 also reported.	
AMA	ARMA		OO	CZ	55															AMA	No other details.	
AMT	ARMATURE		RT	FR	30 c?	w?		-	----	--	10 a	---	---							AMT	Rods push or screw into Joints.	
ARM	ARMEC		AR	AR	45 --- 55	F				--	60	12.7	4.2		4.0	SR *				ARM	Poor quality parts. May be related to EL EXPERTO MECANICO. * Other heads may exist.	
A M	ARQUITECTURA METALING		BD	SP	30 s	F	----	-	----	--	27	---	---	---	---	--	--	---	---	A M	Appears to be identical to WENEBRIK.	
A-M	ARTE-MECCANICA		MP	IT			M4			34 *	52	12.7 e				H				A-M	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.	
ATL	ARTIMÉTAL		OO	FR	50 c															ATL	Name only.	
ART1	ARTS ET MÉTIERS Série 1	WA	ST	FR	10 c-- 14	F	5/32W	o	----		148	12.5	4.2 m	4.1	---	t	HC			ART1	STABIL sold under this name in France. Details taken from early 1920's STABIL parts & MCS entry.	
ART3	ARTS ET MÉTIERS Série 3	WA	NM	FR	10 c-- 14	Fw				--	47 *	10.2 m	2.8			H -			---	ART3	WALTHER'S INGENIEUR sold under this name in France, originally called INGENIEUR WALTHER. Série 2 was Walther's RECORD, a wooden system. *Inc 16 wooden.	
ARW	ARWILL		MP	UK	W2 a	F	4BA	-	----	--	13	12.7	3.9	---	---	HR *	FF	8.0	6.1	ARW	4, 8, 12h Strips, etc, inc 2h wide Flat Trunnion. * Also square Nuts, same size; HC in manual.	
ASS	ASSEMBLO		DK	FR	30 --- 65 c*	F	----	o	----	--	58	---	---	3.2	2.97	--	--	---	---	ASS	The originalDINKY BUILDER-type system but more, larger pts. ASSEMBLO cast into Whl parts & a few parts stamped ASSEMBLO Bte SGDGD. *Possibly pre & postwar periods.	
AUK	AUKI	AK	ST	GE	49 --- 60 s	F		o	p	----	14 a	12.5 *			---	t				AUK	Some parts like STABIL. *Scaled & could be 1/2".	
AAB	AUSTRALIAN MODEL BUILDER		OO	AL																AAB	Ref: MCS, name only.	
A-T	AUTO-CONSTRUCTEUR *		CR	NE	20 e?- 30 b	L				--	32	10.0 x				HR				A-T	Special parts to make cars. * Name on Dutch manual but German name AUTO-CONSTRUCTOR still on some illustrations.	
A-R	AUTO-CONSTRUCTOR		CR	GE	28 ?-- 30 s?	L				--	32	10.0 x				HR				A-R	Special parts to make cars. AUTO-CONSTRUCTEUR was the name used in Holland.	
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 sp pts for (motor)cycles, 'planes, car, but other models inc a crane. *AS+CR. *In various pts. *3.0 in 25mm Pulley. **Hex Bolt may exist but only Nuts/Screwed Rods listed.
AGR	AUTO GRAN PRIX	BR	CR	IT	50 l?- 60 s?	FA					20 *	Var								AGR	By makers of BRAL. Set to make one Ferrari with probably many special parts. * Only seen in poor illustration of Set.	
ALB	AUTO LOCK BUILDER		OO	US	15 ---	Lw														ALB	Mentioned as new US constructional toy with wood & metal parts, in G&T 5/15.	
AUT	AUTOMAT		PR	RT	GE * 58 --- 04 +	Ap	M3.5.M6	* d	c	M3.5	34	466	12.7 x	4.1	*	4.0 *	HH *	BN	7.0 *	7.0 *	AUT	Also COMPACT gear demonstration units. * SW > '65. * also M8,M10. * varies. * +6 & earlier 2.5. * +others. ** 10 for M6.
AUN	AUTOMATION		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 plastic Plates, Strips.
	AUTOMAT SMP																					Name used in MCS. See AUTOMAT - SMP stocked their products.
AVI	AVIADYP	JP	AS	FR	30 s-- 50 s	A				--	45	---	2.9							AVI	Parts only shown in 2-D in MCS. The variety of models that can be made from the (nearly all) dedicated parts isn't clear. Some parts lock into one another.	
AWS	A.W.S.		SH	GE	45 --- 48	A	M4	s	M4	--	23	12.0	4.2	4.1	3.92	HT	AA	8.1	7.0	AWS	Unusual shaped Plates for certain models.	
BAN	BANGAROO		OO	GE																BAN	No details. Ref: OSN 9/235 & 18/522.	
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	-	----	--	10 a	13.0 *	3.6 *	---	---	t	HT	FB	6.4	6.4	BAT	Probably BAUFIX for French market. * 10/11 for large/small holes in Disc. * Small holes in Disc, 2.4. Parts seen .5 thick.
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. *Also 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 +	F	3.5x.8	p	-	----	--	15 a	13.0 *	3.7 *	---	---	t	HR		BFX	Strip holes extend out to alternate sides. Pts prob as BATIFIX, CREME ECLIPSE, SIMPLEX, but 2 thicknesses seen. *10/11 in large/small holes in Disc. *Mean; small Disc holes 2.4.	

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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	3.95	--	---	---	---	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.
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 37 p	12.7	4.3	4.2	4.09	SR	FB	8.0	7.2	BVR	Probably related to KONSTRUKTA. * Bush Wheel & Collar d/t, dia 5/16".	
BEN	BENCO		SH	GE	50 e-- 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. * Used in Nr.1 models.	
BER	BERGSTADT		LG	GE	60 s	AF	M4	S, d	M4	25 *		14.0	4.4	4.1 m	3.95	HR *	AA *	7.9	7.3 m	BER	The add-on set seen has FN: Strips, Brkts; AA: A/Gs w sq ends, Gears; steel 5h Ø, 2x6h, Face Plate painted orange. All holes rd. *Mod 1. **Nuts FF; Long Bolts FF w 7.0 CH.
BES	BESI		ES																	BES	Constructional, to make simple Electric Motor.
BBT	BETTABILT		ML	AL																BBT	A name mentioned on the HANDY SET model sheet, but could it be a mistake for BETTAFIT?
BET	BETTAFIT		ML	AL	W2 +?	F	5/32W	* s	5/32W	--	34	12.7	4.3	4.4 m	4.05	HC				BET	Pts 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 takes nickel or chrome, & poor quality. Pulley Disc has no holes & takes a Rubber Ring. Card Windmill Blade.
	BIHTTIK WIYHTTIK																				Name in MCS/FB for VINTIK I SHPUTNIK.
BDK	BILD-A-KIT		ML	AL	W2 +p	L	5/32		5/32	p	37	12.7 p	4			HC				BDK	Known from a model leaflet with 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	----	-		--	15	---		---	3	* -R *	---			BDL	Strips with forked ends spring into Angles. No Pulleys. * Reputed date of Xmas ad, 1929 for sure. * Perhaps 1/8". * Only Screw is in U Collar.
BDA	BILD-A-SET		LG	US	43 c-- 46 +	q	----	-	----	--	37	38.1 *	4.2	---	4.4	--	--	---	---	BDA	Cardboard parts held together by push-fit Pegs & Rods. *1½", also 3" & ¾".
BDI1	BILDICO [1]		RT	UK	13 c--	F	1/8W	s	1/8W	--	29	Var	3.2	3.0	2.94 m	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	3.20	HR	FP	6.2	5.5	BDI2a	A set for M&S. Most parts like LYNX. Plates stamped MADE IN ENGLAND. * As seen, MCS 12.8, a 21h Strip was 12.6. * Also seen, Strips, Brks 4.2. * May also be 4BA.
BDI2b	BILDICO [2b]		UK	UK	54 p--	F	5BA	d	5BA	--	21 *	12.7	4.2 *	4	3.25	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	Flat Clips through holes with end bent over into U instead of N&B, & 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" 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.
BLT1	BILT-E-ZE [1]		UK	UK	47 c?	F	4BA	* d	4BA	--	29	12.7	3.9	4.0	3.66 *	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. *Mean. Also ½" Ø, w Whls & Flat Trun to suit.

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BLT2	BILT-E-ZE [2]		UK	UK		F	4BA	s	4BA	--	29	12.7	4.2 m	4.2	3.98	HR	FD	8.0	6.2 m	BLT2	Similar to BLT1 but larger holes & 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	2.96	- 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	* --	40 a	Var	3.2	3.1	2.90 *	- C *	AA *	---	4.9	BOB2	Joints marked BOB B.SCDG. * Wood Wheels in (early?) sets. ** Also s. 3x.6. * Also 3.02 (steel). ** In Joints, in boss: RFF, DHD=7.3. Also CFF 5.0 in Joints, & RFF 5.5 in bosses.
BOB3	BOB [3]		RT	SW	43 --- 50 e	A	M3	s	M3	--	43	20.0 x	3.1	3.1	2.95	HC	FD	6.0	5.0	BOB3	Alloy Rods in sets. Joints marked BOB. Plates are different to BOB2 which in turn different to BOB1.
BOB4	BOB [4]			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	3.99	H				BCM	*CONSTRUCTION. *Bilingual METALEN CONSTRUCTIE. The illustrations of the parts are as those of SPIROU and TEMSI.
BOJ	BOJA		OO	GE ?	W2 a															BOJ	Ref: <i>Baukästen</i> p328. No details.
BTN	BOOMTOWN		RT	US	46 ---	F	10-32		5-40	* --	43	12.7	5.1	5.0	4.73	HF *	FB	9.4	7.7 *	BTN	Name in MCS/FB & elsewhere for NOMA BOOMTOWN. Rods held in special Clamps. Perf Plates up to 8*18h. * Also in Collar, Clamps. ** Longer Bolts are R 8.9.
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?															BUY	TRIX-like Strips & Discs, but smaller Wheels with Rubber Tyres. No indication of size of parts.
BOY1	BOY CONSTRUCTOR [1]		SH	US	84 --- 87	A	----	-	----	--	49	2.3	1.5 m	---	1.24	--	--	---	---	BOY1	Tiny parts assembled using Rivets or Rods with plastic push-fit Washers. Data from my parts, MCS differs.
BOY2	BOY CONSTRUCTOR [2]*		SH	US	89 c+	F	6-32	?		--		12.7 x	4.0		2.38 m	*				BOY2	* Name needs confirming. 7.3 wide Strips with only end holes. Wheels & N&B not seen. * Crank Handle.
BCY	BOYCOY		RT	UK	46 c--	F	4BA	-	----	--	30	---	---	6.5	6.35	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		---	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 +	F	5/32W	s	5/32W	38	194	12.7	4.2 m	4.1	3.96	SC	FN *	7.0	6.2	BRL	Parts often stamped BRAL. Also sold as MECCANICO & IL COSTRUTTORE BRAL/MECCANICO. * Earlier nuts FN; later ones ZI; & 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 on most metal parts. No Wheels/Pulleys. * Data apply to SPACESHIP (smaller than ASTRO). * Nuts are zinc unfinished.
BRC	BRAL AUTO GRAN PRIX	BR	CR	IT	50 l?- 60 s?	FA					20 *	Var								BRC	AUTO GRAN PRIX on box. Set to make one Ferrari with probably many special parts. * Can be seen in poor illustration of Set.
BRE	BRAL ELETTR0	BR	ES	IT	70 k-- 83 +	Lp	5/32W	*		--	31	12.7	4.2			SC				BRE	Motors, bells, etc using mostly non standard parts. * 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	*Earlier perhaps COSTRUZIONI AERONAUTICHE. Range of parts & models not dissimilar to comparable MECCANO set. ****5/32W Nut: ZI; M3 Nut: hex, BB, 7.0 A/F.
BCL	BRICOLO		RT	FR	30 s	F		b		--	28	---	---		4	H -			---	BCL	4mm Tubes push into Socket Clips which are bolted together.
B-T	BRIK-TOR	GT	BD	US	16 --- 21	F	8-32	-	----	--	49	12.7	2.8	---	2.67	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	GE	E 50 sp	Fp	M4	-	----	14 ?	43	12.5 ?	4		---	t	HC			BSL	Details from manual, where parts look like STABIL. Only one, undesignated, set is mentioned but many of the parts are not used in the manual models.
BTB	BTB PENDULE ÉLECTRIQUE BUCO		ES	TR	FR	35 b-- 38 b														BTB	TRIX & special parts to make a pendulum clock. Name used erroneously in MCS for TECNICO.
B-G	BUCO-INGENIEUR, -ENGINEER*		LG	SW	43 c-- 50 c	wF	5/32W	d	5/32W	--	41	17.5 *	4.1 *	4.1	3.99	HC	BB	7.0	6.0	B-G	* 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						12.7 a								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	30 sp	w *														BAP	*Some metal parts, eg Struts, but probably mostly wood. Rubber band drive.

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	Parts	Pitch	dST	dBS	DAXL	J NB	F MF	K A/F	DHD	REF	L plus some A-J COMMENTS	
BAZ	BUILD-A-ZEP		AS	US																BAZ	Box lid photo only. Same maker as BUILD-A-PLANE. Not clear what material used.	
BBY	BUILDER BOY		NM	US	49 k	F	----	p	----	--	20	19.1 *	*		3.17 *	--	--	---	---	BBY	Strips, Flgd Plates, etc but joined by pressed out lugs engaging in slots. * 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. Pts in sm MCS models: 5,11(or 15h) Str;1*5*1h DAS; 5h A/G;5*11(or 15h) Flgd Pl;5*5h Perf Pl;1*(or larger) Ply;12h Whl Disc. All rd h & sq corners.	
BDX	BUILDEX *		ML	AL *	50 e					--	13	12.7 e				S				BDX	* May be fr Australia or NZ. Pts in sm MCS models: 5,11(or 15h) Str;1*5*1h DAS; 5h A/G;5*11(or 15h) Flgd Pl;5*5h Perf Pl;1*(or larger) Ply;12h Whl Disc. All rd h & 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	3.73	HC	F	5.9	6.0	B-O	Parts are from MERKUR & details are assumed the same.
BDO1a	BUILD O [1a]		MP	US	46 ---	47 *	A	6-32	b *	6-32		40	12.7	3.7	3.7	3.33 *	HP *	BB *	7.9	7.1	BDO1a	Like BDO1b but ali & motor pts.*May be later. *1/2"x20 s/t threaded Hubs join Whl/Ply halves. *3.23, 3.58 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		3.44					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.
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	4.22	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					12.5	4.1		4.0	HC				BUG	Parts in Cable Car Station model on manual cover include 11*5h Flgd Plate like STABIL; 25,14,11h A/G; 9,11h Flat Girders; & 14h Strip.
BUR	BURGSTÄDTER *		LG	GE E	80 c--	84 k*	F	M4	d	M4	25 *	70	12.8	4.2	4.0	3.95	HP *	FN *	6.9	8.0	BUR	*Not on man. After METALL-BAUKASTEN - w same pts, PNs/sets ±, *but ? dates. & see PLASTICART, PLASTIKART. *Mod 1, & Mod 2 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	76 ---	90	F	5/32W	d	5/32W	38	93	12.7	4.3	4.2	3.97	HR *	FQ	7.9	7.0	BUZ2	Many parts as above but 5*9h Flgd Plate also listed, colours different, & not many parts stamped. Sets 7, 9 are as 6, 8 but with motor. *Square Nuts shown in manual.
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			12.7	4.2		3.99	SR		7.9		CSI	Parts seen are like MODELIT [a] but differ in detail.
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 AMB.
CHA	CHARPENTO		NM	FR	20 l		F	M2	-	----	--	30	12.5	2.5	---	---	SF	BB	5.0	4.0	CHA	Beams, Trusses, Panels, etc to make buildings, bridges.
CIG	C.I.G.E.A.		LG	IT	55 k--	70 s?		M4		M4	39 e	300 *	13.0	4.4 *			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. *Needs checking.
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 multi-Clips. Same maker as, & compatible with, STOKYS. * Standard STOKYS Set Screw unless Grub used.
C-C	CLIP-CRAFT		RT	US	47 ---	49 +	Aw	----		----	--	30 a	---	---	4.4 e	4.34	--	--	---	---	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. * Hex 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 one side; SÄKERHETS TÄNDSTICKOR w cross & 4 medals on the other. Parts & models similar to MBC2/3.
COM	COMBINATOR		BD	GE	30																COM	Parts to make buildings.
C X	COMBINED EXCELLED	PL	CK	CN	03 +																C X	Name on some Polylong sets, see POLYLONG for details.
C T	COMBINED TOYS	PL	CK	CN	03 +																C T	Name on some Polylong sets, see POLYLONG for details.
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.

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	Parts	Pitch	dST	dBS	DAXL	J NB	F MF	K A/F	DHD	REF	L plus some A-J COMMENTS	
CME	COMPACT MECH* ENGINEER	PH	PH	NE	60 s	p	----	c	----	15 *	48	15.0	5.0		2.98 *	--	--	----	----	CME	MECHANICAL. PHILIPS Set ME 1250, a stand alone outfit with standard PHILIPS parts, which could also add to ME 1201 MECHANICAL ENGINEER. *Mod 1.67. *Also 1.98mm.	
	COMPACT SMP																				Name used in MCS. See AUTOMAT AP23 SMP stocked their COMPACT Units.	
CON	CONDOR		ML	IT	69 k--	83 +	F	5/32W	s	5/32W	38 *	92	12.7	4.2	4.1	4.00	HC	FB	8.0	6.8	CON	Parts inc: 5*11 Flgd Pl w flge slots; 3h M11a; 5h Trun w 2 vert side slots; BRAL Braced Girders w solid centres; 3*5-11h Flex Plates. *Also 14.5, Mod.1.75 (4-spoke Gears).
CRD	CONRAD		OO	GE			wL														CRD	Wooden parts with metal Axles, Wheels, & Brackets. Earlier called GECO.
CNC	CONSTRUC		NM	FR	40 l--	50 s*	F	----				35 a	---			--	--	----	----	CNC	Parts held together by Clips. These & Brkts are made from special Strips using Bending Jig provided. * Name registered in 1947.	
C L	CONSTRUCCIONES METÁLICAS		ST	SP	30 s?				----	--	28	12.5 *			---	t	HC				C L	* Probably about 1/2", but some parts like STABIL so possibly 12.5mm.
C C	CONSTRUÇÕES MECANICAS		MA	BZ	45 ---	*	F	p			15 *	40 a	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	6BA	-	----	--	12	9.5 *	3.1	---	2.67 *	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	GE	E 65 ---	04 +	Fp	* M4	s	M4	32	94 *	10.0	4.2	4.1	3.99 t	HC	FN	6.9	6.9	CNN1	Large Tyres have 17x71x34 moulded in. * Flexible plates are plastic. * Not including later new parts.
CNN2	CONSTRUCTION [2]	PL	CK	CN	03 +																CNN2	Name on some Polylong sets, see POLYLONG for details.
CNE	CONSTRUCTION C40	CK	ES	GE	E 91 k--	92 p	F	M4	s	M4	32	57	10.0	4.2	4.1	3.99	HC	FN	6.9	6.9	CNE	Electronic controller plus parts for small models.
CNT	CONSTRUCTION theme sets	CK	CK	GE	E 80 s--	90 m*	Fp	M4	s	M4	32	121 *	10.0	4.2	4.1	3.99	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.
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. Different 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 models with parts (like CJP1 & special) to build attachments.
CTK1	CONSTRUCTION TRUCK [1]		SH	JA	W2 a		F		p	----	--	14	10.0 x	4.1	---		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 M	CONSTRUCTION MODELS	WS	CH	CN	78 ---	93 p*	F	M4		M4	--	38	12.5	4.3	4	*	HR				C M	Lorry set has friction motor. * Known 1990. * Also 2.6mm, see the similar CONSTRUCT-O-STEEL.
CRM	CONSTRUCTIONS R.M.		OO	FR	p 40 l--	50 k															CRM	A (limited?) constructional Aviation Moderne set seen on Ebay. Other sets? No other details.
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	3.73	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 *		3.96	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	Models look very MECCANO-like. Various styles of #52 shown. * At least.

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	Parts	I Pitch	dST	dBS	DAXL	J NB	F MF	K A/F	DHD	REF	L plus some A-J COMMENTS
CNO4	CONSTRUCTO [4]		LG	UK	50 c	FA *	1/8W	o	----	--	23	27.0	3.5 *	5.9	5.58 *	HR *	BB *	4.5 *	5.3 *	CNO4	PI Whls. CONSTRUCTO transfer on some pts; & see PLEASURE BEACH. *Most pts F or A. *to 4; & 6.2. * & 2"x3.5mm. **** 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. * & 1 3/8" in Plates. *Bolts are matt light green.
COC	CONSTRUCT-O-CRAFT		MP	US	45 --- 48 k	F	6-32	b		--	35 *	12.7 x	4.0		3.82	SR	FQ *	6.3	6.3	COC	Strips embossed with crenellated pattern. Wheel/Pulley halves joined by hex threaded boss (1/4x32). *In Set 500. *Nut: BZ; also hex BZ, same A/F.
CNR0	CONSTRUCTOR [0]		SH	FR	17 c-- 19 c	F					26 *	Var *	4.2 *			HC				CNR0	First version with large parts. * Including 10 of wood or card. * Said to be 10-13.5mm. * 4.2-5mm.
CNR1a	CONSTRUCTOR [1a]		SH	FR	20 c-- 20 l	F	3x.75	d	3x.75		39	11.0 *	3.2	3.1		HT	FB *	6.4	5.3	CNR1a	Smaller & more parts than CNR0 above. 2 widths of Strip were used, 8.2 & later 8.8mm (8.1 known). * 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	3.00	SC	AA *	5.8 *	5.0	CNR1b	Final phase with more parts, & some changed. Strip width: 9.8, later 10.8mm, also 10.1. * Some aluminium in WW2. * 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 *	79	12.7	3.9	4.0 *	3.81	HC	BB *	6.0	5.1 *	CNR2	6h Flgd Sector Pl; 7*5 Perf Pl; 2,3-blade Props. CONSTRUCTOR JAFOWORKS on Tyres. Earlier: JAF0 instead; *M8,52 A; *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	US	93 k*	Fp	M4	s	M4			10.0	4.2	4.1	3.99 t	HC	FN	6.9	6.9	CRN4	CONSTRUCTION parts packaged for Popular Mechanics magazine. CONSTRUCTION data used. * Copyright date for U.S. distributor.
COS	CONSTRUCT-O-STEEL	WS	CH	CN	78 --- 93 p*	F	M4	s	M4	--	38	12.5	4.4	4.2 m	4.01 *	Hr	FN	6.9	6.8	COS	Similar to WISDOM. * Known 1990. * Also 2.62m for push-fit Wheels #015.
CTT	CONSTRUITOUT		OO	FR	50 c															CTT	Name only.
CKT	CONSTRUKIT		UK	UK	W2 +p-	F	4BA	s	5/32W	--	47	12.7	4.2	4.2	3.86	HR	BN *	6.4	6.1	CKT	Many parts like MECCANO (r/g colours reversed), but unusual Propellor, balloon Road Wheels, & 3*6h Flanged Plate. * Bolts AA.
CMC	CONSTRUMECANICO		ML	ME *																CMC	Photos shows silver Strips, red & blue Plates. * Not sure where country came from.
CNS	CONSTRUMENTS		ES	UK	32 --- 36 +	FB	4BA	-	----	--	55	Var		---	---	HC	B			CNS	Sets designed to make working optical equipment. No Wheels or Pulleys.
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.
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 A/C.
CMS	COSMOS		RT	SP	46 a?															CMS	Sole illustration available shows structure of rods partly covered with plates.
	COSTRUZIONI AERONAUTICHE	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 alumim Rods with end Unions which screw into Hubs, Steel Plates clip on to Rods. * For the Unions. * A/F.
C E	CRÈME ÉCLIPSE		BXt	FR	50 s	F		-	----	--		13.0	3.6	---	---	HR				C E	Probably the same as BAUFIX, models shown are identical. Crème Éclipse is name of household polish.
CRU	CRUSON		RT	NE	80 c-- 85	F	M4	-	----	--	44	6.35 x	4.2 m	---	3.98	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.
CUB	CUB BUILDERS		MP	US	W2 ap	A	6-32	-	----	--	13	12.7	3.5 *	---	3.17	HF	BB	7.8	5.5	CUB	Like SKY-SCRAPER w 3/8" wide Strips, Plates w 1/2" & 1" flanges, but 6h Pulley Discs instead of Wheels. * 3.4-3.6. * Also FD Bolt, 5.5Ø f head.
	D-180																				Name used in MCS for DELTAX. D-180 is a set number.
D D	DAN DARE		AS	UK	53 --- 54 +	F	4BA	-	----	--	26	12.7 x	3.8		---	HR	FB	8.0	6.2	D D	Special parts to make space ships, etc. Thread and N&B data need verifying.
DEG	DEGEA		ES	p	GE	25 k*	L													DEG	A DEGEA-Baukasten-Motor by Auergesellschaft *was shown at the 1925 Leipzig Toy Fair (Baukasten p231).
	DELOUTAX																				Alternative rendering of Japanese name for DELTAX.

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	Parts	I Pitch	dST	dBS	DAXL	J NB	F MF	K A/F	DHD	REF	L plus some A-J COMMENTS		
D-X	DELTA-X	EP	LG		US *	70 s	Fp	M4	d	M4	25 *	58	14.0	4.3	4.3	4.22	HP *	FI	6.9	6.9	D-X	Axles have flat to suit some of the bosses. * Made in Japan, parts as DELTAX. * 25.4 = Mod.1.	
D-N	DELTA-X *	EP	LG		JA	70 s-- 80 s	Fp	M4	d	M4	25 *	58	14.0	4.3	4.3	4.22	Hd *	FI	6.9	6.9	D-N	Axles have flat to suit some of the bosses. * Japanese characters on boxes: '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	3.98	SC	FB	6.3	5.6	DDI	MECCANO-like parts, + ¼ Boiler Plate, STABIL outline Gears, Flgd Whls, etc. *Mod 1.8, also about Mod 0.8. * Most 12.9-13.0. Some MÄRKLIN parts in manual models.	
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.	
DJB1	DER JUNGE BAUMEISTER [1]		LG		GE	47 --- 49	L *						15 e								DJB1	Made by Feta. Silver parts inc 18? large-tooth Gear, 5hØ Pulley w 2 4h rings, 5*11 (flgd?) Plate w edge & centre line holes. * Probably aluminium.	
DJB2	DER JUNGE BAUMEISTER [2]		MP		GE	40 s	F p														DJB2	From Ebay. Made by Wehma. Green strips with square ends; black A/G, Flgd Plate; yellow 2h Ø Pulley. Also what look like Narrow Strips, green & very narrow.	
DJK	DER JUNGE KONSTRUKTEUR	HW	SH		GE	E 56 --- 72 c	F	M4	s	M4	25 *	80	12.5	4.2	4.1	4.0	HR			6.6	DJK	Mixed selection of black parts inc T-shaped Trunnions, special Brkts. *Prob, for plas Gears. Also coarser Worm/Whl, & coarse Pinion meshing w slots in 63mm Ø Pulley's face.	
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. Key fixing in manual, but tapped bosses in ebay set. NB. #103 with 1 row of holes.	
	DER KLEINE BAUMEISTER																					See OKEH.	
DKE	DER KLEINE ELEKTRO-INGENIEUR		ES		GE	E 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.	
DKI	DER KLEINE INGENIEUR		ST	?	GE	E 51 ck	F														DKI	Sm 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.	
DKK1	DER KLEINE KONSTRUKTEUR [1]		ST		GE	E 50 s	F	M4				53	10.0 *	4.3	3.94	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		GE	E p	F p														DKK2	Parts, set lid, & box looks exactly like DER KONSTRUKTEUR FMF. WMM logo. See also DER KLEINE INGENIEUR [2].	
DKK3	DER KLEINE KONSTRUKTEUR [3]		MP	?	GE	13 ?															DKK3	Model in logo (or ad?) appears to be a framework but material unknown. 1913 mentioned.	
DKT	DER KLEINE TECHNIKER		SH		GE	p							10 ?								DKT	Lid has name & electrical parts, but only (genuine?) Plates, Strips etc in box.	
DKF	DER KONSTRUKTEUR FMF		ST		GE	E 50 ck	F										HC				DKF	Small set with STABIL-like parts which look same as DER KLEINE INGENIEUR & DER KLEINE KONSTRUKTEUR [2].	
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	---	---	---	* 2.64	--	--	---	---	D B	* Rubber inserts.	
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	d	M3.5	*	56	8.5	3.7	3.7	3.55	HT	FF	7.0	6.0	DIT	Many lengths of black Strip (12.5mm wide) & A/G, up to 35h, with 7*11h Plate & 7h Ø Plate. *Steel except aluminium 7*11h Plate. *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.	
DOR	DORANDO		BD		GE	26 *-	Ltq		-	----	--	30 *	10.0	4.5	----	----					DOR	Ref: Eisenzeit p66, Pl.43. Black metal Strips & Channels form framework with stone blocks as infill. Probable UK Patent 301589 (1927). *1925-26 in Baukästen. *inc 20 metal.	

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	Parts	I Pitch	dST	dBS	DAXL	J NB	F MF	K A/F	DHD	REF	L plus some A-J COMMENTS
DEL	DU-EN-LOZ		AR	AR	44 --- 55					--	58 *	12.7	4.2		4.0	S				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	3.96	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	----	3.17	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.
	DURATAXE																				Alternative rendering of Japanese name for DELTAX.
DMF	DUX METALL-FLUGZEUG	MK	AS	GE	32 --- 39 k	F	1/8W	s		--	43	12.5 *	3.3			HC		6		DMF	Models rather like MECCANO AEROPLANE [1]. * Based on PN 67.
D-U	DUX-UNIVERSAL	MK	LG	GE	39 --- 64 *	F	M3	* s *	M3	25	70	15.0	3.3	3.5	3.25	Hc *	FB *	6.0 *	5.4 *	D-U	Nice un-ML pts. Other sets in MCS, ss details. *c58 poss. *Earlier also self tap Bolts, 3.2 od, w hoop spire Nuts. *Later tapping hole thru. ****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			HC				DVS	Mostly MÄRKLIN pattern parts but smallest set different w Screwed Rods as axles. Some small parts aluminium.
EBS	E B S *		LG	GE	96 --- 99 +	F	M5	s	M4	--	23	15.0	5.3	5.2	4.98 *	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	14 --- 19	F						12.7	4.1 p		3.9 p					ECP	Preceded MÉCANIC [2].
EDI	EDISON		MA	CZ	20 sk?	L				38 *	65	12.7 a	4 ?			HC				EDI	Most pts in MCS like MÄRKLIN, but 8h 5hØ Whl?Ply. Also 6-sp Ply, & 6h Bush Whl in manual. Some electrical parts on manual cover. * Poss; & MÄRKLIN-type Gear Rings.
EDO	EDOBAUD		NM	FR	12 --- 30 s	Lw	3x	*			66 *	Var	4		4.0	H *				EDO	Parts for workshops, ready made g/boxes, winches listed. * Inc 13 wood bases. * Threaded Rods. Also Bolts, ? thread.
EFL1	EFEL [1]		SH	FR		F				--	20 k	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	3.98	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. * In Set 5, approx.
EFL3	EFEL [3]	GE	SH	FR	60 s	A *	M4	s		--	31	15.0 *	4.2	4.1	3.94	HC	AA	7.1	6.0	EFL3	Slotted parts. * Steel parts may also exist. * x20.0 also, 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 Eisenzeit.
EIF2	EIFFEL [2]		MP	DE								12.7								EIF2	Parts red & green. Compatible with MECCANO & name on parts. This may be the EIFEL 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	3.96	SC *	FB *	6.5	6.5 *	ECA	DE MODELOS MECÁNICOS. AMERICAN MODEL BUILDER for Spanish markets. Data fr AMERICAN MODEL B'LD'R. * Also 7.1-7.5mm R head. * Also brass, & nickel plated.
ETC	ELECTRIC		ES	GE	E 32 c*- 70 c	Fp	5/32W,3x	-	----	--	32	12.5	4.0			t HC *	B			ETC	Motors, bells, etc, but Pulleys, Bearing Standards, etc, in add-on sets. * 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	3.96	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	ELEKTRIS* KON* 'SKOLNIEKS'		ES	RS	80 s?	Lw	M4			--	25	12.5	4.4 a			HR	FI	6.5	7	EKS	ELEKTRISKAIS KONSTRUKTORS. Latvian name. Related to ELEKTROMECHANISKAIS KONSTRUKTORS.
EKO	ELEKTRO		ES	GE	E 50 s?	Ap	M3	-	----	--	52	10.0	4.2 *		---	HT	FN	5.6	5.0	EKO	Made by E.G.B. Many pts like DKE. MCS says Mag,Electro-Mag,Chem,Static Elec sets. Pts inc Motor Armature, 8*14 Figd Pl w no holes in flanges. *Prob smaller in Fldg Pl.
EKM	ELEKTROMECH		OO																	EKM	Name only.
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	4.03	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 *	3.18 *	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.

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	Parts	I Pitch	dST	dBS	DAXL	J NB	F MF	K A/F	DHD	REF	L plus some A-J COMMENTS	
EII	EL INGENIERO INFANTIL		TRt	AR	33 --- 40 c	F *				--	16 *	12.7	4.2								EII	Looks like TRIX (dimensions from MCS). One model, a Crane, is as MEKKANO. * Soft tinplate. * Set 1, there may be a Set 2.
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								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	All that can be seen in MCS models, likely from a small set, are a Flgd Plate, Strips up to 10h, & 4h Wheel Discs, probably nutted to Threaded Rods.
ELM	ELMEC		ES	NE	46 --- 49	Fp	M4.M3	s	M4	34 *	105	12.5	4.1	4.1 m	3.99	SC *	FD	6.1	7.0 *		ELM	Motors can be made with all sets & used to drive models. * Mod . 75. * For M4: M3 Bolts FN/D, 5.6mm DHD.
E M	EL MECANICO		AR	AR	45 --- 55	F	5/32W	d	5/32W	--	77	12.7	4.4	4.2	4.03	SR	FF	6.1 m	7.3 m		E M	Part Nos. similar to DU-EN-LOZ. Large zinc diecast bosses. Corners of Flexible Plates shown with unusual shape.
ENA	EL NUEVO ING* ARGENTINO		ER	AR	45 ?-- 60 ?	F					24	116 *	12.7	4.4 *		SR					ENA	INGENIERO. Parts seen are near to an exact copy of ERECTOR (ERT3b). * Shown in manual but may not all exist. * From 1 part.
EPI	EL PEQUEÑO INGENIERO ARG*		OO	AR																	EPI	ARGENTINO. Name only.
E T	EL TECNICO		AR	AR	50 s						71	12.7	4.2			SR					E T	Illustrated parts in MCS shows unusual triangular Trunnions, Gear Segment, & Hook with star-shaped centre hole. Name in MCS for EPA.
E B	EMPIRE BUILDERS																				E B	Said to be STRUCTO under another name, but a Structo brochure seen has the name only as the title of a scene with a boy playing with a Digger against a real life backdrop.
EEK	EMPIRE EDUCATIONAL KIT		LG	UK	45 a-	F		e	----	--	20 a	15.9 *	3.9	---	2.65	H	B				EEK	* Along; 11.1 across (5/8" & 7/16").
ENT	ENGINEERIT		ML	US *		F	----	e	----	--	24	12.7 *	4.3	4.0 *	3.76	-- *	FT	---	---		ENT	Sq corners on early parts, later some prob round. *But known only fr Australia/NZ agent's ad. Motor looks early U.S. tho. *Rather irregular. *Pulley 3.71. *Clip held by Wedge.
ENG1	ENGINEERO [1]		MP	US	15 k	F	7-32	* s	.1"x40	--	36	12.7	4.3 *	4.3	3.96	SR	FN	6.5 *	7.5 m		ENG1	Many parts have diamond holes, & Strips also have V nicks on edges between holes. *8-32 also known. *Square & round. *9.5 for 8-32 (large hex nuts also in Manual models).
ENG2	ENGINEERO [2]		MP	US	40 l?	A	5-40	* -	----	--	10	12.7	4.7	---	3.13 *	HR	FF	7.8	5.9		ENG2	Models as JUNIOR MECHANIC; parts differ slightly in detail. Sets 1 & 2 known, similar in content to J #101 & 201. * 5-32 on Crank Handle. * Crank Handle, no Axles.
EPAa	EPA [a]		ER	GR								12.5 ?	4.2								EPAa	May be ERECTOR or copy, manual cover shows ERECTOR model. EMA in MCS.
EPAb	EPA [b]		MM	SH	GR	F	5/32W	s	5/32W	25 *	40 +	12.5	4.4	3.7 m	3.39	HC	FI	8.0	6.9		EPAb	Unusual Braced Girders with 2 rows of rectangular cutouts. May include 'aero' & 'army' parts. * Mod.1.
ETNa	ERECTION [a]		ER	JA	50 s?	F	5/32W	s	1/8W	--	25 a	12.7	4.2 m	4.0 *	3.88	SR	FB	7.5	7.0		ETNa	Most parts virtually the same as ERECTOR, though different colours. * Others seen 4.2.
ETNb	ERECTION [b]		MP	? JA	50 s?	F	5/32W	p s p	1/8W p	12 a	30 a	12.7	4 p			SR					ETNb	Set 5 was listed at the same time as ETNa (Sets 0-4); its parts look similar to MEKANIK [1], but the hole pitch is said to be 12.7mm.
ERT1	ERECTOR [1] prototype	GT	ER	US	13	F	8-32	p			33 *	12.7 x	4.2			SR					ERT1	Detachable boss for large gears & pulleys. Girders flanged but not grooved. * & 12 for motor.
ERT2a	ERECTOR [2a] mysto	GT	ER	US	14 --- 16	F	8-32	s	6-32	16	55 *	12.7 x	4.2			SR					ERT2a	* In 1915.
ERT2b	ERECTOR [2b] old	GT	ER	US	16 --- 24	F	8-32	s	6-32	16	56 *	12.7 x	4.3	4.0	3.96	SR	FF	9.5	7.5		ERT2b	Some parts introduced or changed in this period. * 1919.
ERT3a	ERECTOR [3a] new	GT	ER	US	24 --- 32	F	8-32	s	6-32	24	217 *	12.7 x	4.3 m	4.1	3.96 *	SR					ERT3a	* 1929. * Also 1/4, 5/16", with some bosses to suit.
ERT3b	ERECTOR [3b] revised	GT	ER	US	32 --- 62	F *	8-32	s	6-32	24	136 *	12.7 x	4.3 m	4.1 *	3.96	SR					ERT3b	Saw the introduction of double flanged Plates. * Some parts aluminium postwar. * In '35, 110 after WW2. * 4.21 for later cast bosses.
ERT4a	ERECTOR [4a] gabriel	GB	ER	US	63 --- 81 *	F	8-32	s	6-32	--	80 *	12.7	4.2	4.2	4.04 *	SR	FQ	6.5	7.1		ERT4a	Complete redesign. * Gabriel ownership until 1983 but the character of the sets changed in 1981 to that typical of the next 'Ideal' period. * 1963, approx 60 by 1971. * With flat.
ERT4b	ERECTOR [4b] ideal	ID	ER	US	81 *-- 88	Fp	8-32	s	6-32	--	61 *	12.7	4.2 *	4.2	4.04 *	HR	FK	8.5	7.5 *		ERT4b	Less metal & more plas pts. *Gabriel ownership to '83. * Exc special plas pts in Robot set; 70 in 1987-88 w more plastic. *Girders, to 4.4 in other parts. *W flat. *7.7 for longer.
ERT5	ERECTOR [5] meccano	MC	ML	US	91 --- 04 +		7-32	* d	7-32	* 38		12.7	4.3			bS	FQ				ERT5	Meccano bought the ERECTOR name & sold standard & a few special sets as MECCANO ERECTOR, then ERECTOR. **Replaced 5/32 BSW at some stage, but needs confirming.

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	Parts	I Pitch	dST	dBS	DAXL	J NB	F MF	K A/F	DHD	REF	L plus some A-J COMMENTS		
ERA	ERECTOR AIR-KRAFT/Air-plane	GT	AS	US	28 --- 32	F	8-32	s	6-32	--	33 a	Var	4.2				SR			ERA	Nearly all special parts. Sets sold under both names. Art work on Air-Kraft lid as (the different) 1919 Gilbert Air-Kraft set. Models could 'fly' around ceiling mount.		
ER5	ERECTORCONSTRUCTOR 5 IN 1	GB	ER	US	64 --- 67	Fp	8-32	p	6-32	* --	83 *	15.9 *	4.7 *	4.0	3.99	m	SR	FQ	6.5	6.7	ER5	Mostly new parts. Sets for Road Building; Military; Cars & Trucks. *Only in U-Collar. *Including 45 plastic. *Exactly 5/8" lengthways & often 5/16" across. *In Plates.	
ERE	ERECTOR ELECTRICAL	GT	ES	US	16 --- 49 +															ERE	None in 1924-25. Various sets over the years with progressively fewer standard parts.		
ERH	ERECTOR HUDSON	GT	NM	US	31 --- 37	F	8-32		6-32	24	113 *	Var	4.2				SR			ERH	* Mostly special parts which were included in standard & special sets.		
ERL	ERECTOR LANKY LINKS	GT	OO	US	61 k	Lp														ERL	Simple linking 'girders' and N&B. Ref: OSN 6/136.		
ERY	ERECTOR SENIOR	GT	NM	US	22 --- 23	F						25.4 x	4	p						ERY	Large steel components, wheels, to make life size wheeled toys, also cranes etc. A development of GILBERT NEW WHEEL TOY.		
ERS	ERECTOR SKYSCRAPER	GT	BD	US	35 --- 36	Fq	8-32	-	----	--	7 *	12.7 x	4.2	---	---		SR*		6.5	6.4	ERS	* Special card Panels (in addition to standard parts). * Snap Rivets used as well as Nuts & Bolts.	
ERZ	ERECTOR ZEPPELIN	GT	AS	US	29 --- 33	F	8-32	s	6-32	--	50 a	12.7	4.2				SR			ERZ	Sold as separate set & included in other sets.		
ETT	EREKTIT *		RT	UK	13 c-- 15 k	F	1/8W	s	1/8W	--	29	Var	3.2	3.0	2.94	m	SC	FB	6.3	4.8	ETT	Rods & Strips push into Clips which can bolt together. Strips have only end holes & sl crenellated edges. Thought as BILDICO [1]. *Called ERECTOR in earliest ad known, 4/14.	
ESO	ESCHO		ML	GE	80 s?	F	M4	t	M4	38	88	12.7	4.2				HC			ESO	TEMSI parts or similar. May be same as IK BOUW / JE CONSTRUIS. Dimensions assumed as TEMSI.		
ESC	ESCO		MP	UK	25 c	FZp	2BA	s	6BA	--	28 *	12.7	5.0	4.9	4.75		HC	FF *	8.2	8.1 *	ESC	Strips (4mm thick) & Wheels are cast from zinc alloy. Parts included mouldable Plastic Sheet. * For No 1 Set. * Nuts: BB, 2.8mm thick. * Also 8.0.	
EWG	E.W.G.		SH	GE	E															EWG	Almost certainly OLYMPIA under another name.		
EXA	EXACTO		ML	AR	59 --- 04 **	F	5/32W		5/32W	38	195 *	12.7	4.2				SC			EXA	* There may be gaps in these years. Parts marked MECCANO IND. ARGENTINA at certain times. * In 1965, other parts added since.		
E Z	E.Z.		MP	US	W2 +?	A	5-40	-	----	--	12	12.7	3.7		---	t	HR	F	7.8	5.6	E Z	Similar to GIRDER BILT but with a 4*7h Plate & Half-Wheels.	
EZY0	EZY-BILT [0]		ML	AL	33 k--	F	----		----	--		12.7	4.1 *				--	---	---	EZY0	Clips w Wedges used to join the MECCANO-like parts. This phase did not last long. Made by George Irving/Ezybilt Pty. Ltd. *From a dark red 5*11h Figd Pl stamped EZY-BILT.		
EZY1	EZY-BILT [1]		ML	AL	---	55 ?	F	5/32W	d	5/32W	38	88	12.7	4.2	4.2 *	4.05	SC	FF	7.9	6.0 *	EZY1	N&B replaced the Clips. Mfr: Irving/Ezybilt Pty. to at least/?abt '41; then Colton, Palmer & Preston, SA. * 4.1 in some. * 5.8 also known.	
EZY2	EZY-BILT [2]		ML	AL	55 ?-- 70 c	F	5/32		5/32	38	130	12.7	4.2				SC			EZY2	Mfr: EZY-BILT, Kilkenny, SA. Extended range of renumbered parts.		
EZY3	EZY-BILT [3]		ML	NZ	60 k--							12.7	4.2							EZY3	Made in NZ by Rayon Surfaces Ltd, Penrose during last Australian EZY-BILT phase.		
FAC	FAC *		PR	RT	SD	52 --- 04 **	F	M3.M4	* d	M3	36	225 a	14.0 x	4.1 *	6.0 *	5.99 *	HC	FK	5.9 *	5.3	m	FAC	*+ toy KONSTRUKTIONER sets. *Not 80c-98c. *Lead Screw M6. *3.2 wide slots in Str w 4.1 ctr h. Other h 3.0-3.2mm. **Also: 4.01/3.99; 3.99 structural Rods. *M4 8mm for Thrd Rods.
FAI	FAI MECCANICA		SH	IT		F	M4	t	M4	32 *	46 *	12.0	4		4.0		HC	FK	7.0	7.0	FAI	All parts black and stamped FAI. * In Set 2. * Mod. 0.8.	
FAL1	FALCO [1]		MP	IT																FAL1	Said to be a very colourful MECCANO-type system.		
FAL2	FALCO [2]		DK	IT	37 k	F	----	o	----	--	58	---	---		2.97	--	--	---	---	FAL2	ASSEMBLO-like parts, and possibly identical. ASSEMBLO data given for reference.		
F E	FALCO ELET		ES	IT		Fp	5/32W,3x	-		--	32	12.7	4.0				t			F E	Reported to be the same as the German ELECTRIC. Data from ELECTRIC.		
FLT	F A L T	FA	MA	IT			5/32x				34	44	12.7	4			HR		8	FLT	Braced Girders with cross shaped centre cutouts.		
FBT	FALTERBOT	FA	AS	IT								12.7	p							FBT	See F.A.L.T. in MCS. Aircraft model shown has standard & special parts, and is said to be made from FALTERBOT 5.		
FAN	FANTASIE 'R'	FL	RT	GE	32 ---							29 ?								FAN	Tubes joined by special, rubber (?) Couplings used to make skeletal models. Also sold as ROBA.		
	F.D.K.K.																				Initials stand for Für Den Kleine Konstrukteur, which is on one FG METALLBAUKASTEN box as slogan.		
FEM	FEMEPITO		HA	HU		A ?				--	28	15 ?					HT			FEM	Parts look similar to MECHANIKA.		
FMO	FERMO		NM	GE	46 kp	F	M4	t	M4	--	18	Var	4.3		3.6		SC	FK	7.0		FMO	Parts mostly black & models are built mainly of Triangular Plates.	

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	Parts	I Pitch	dST	dBS	DAXL	J NB	F MF	K A/F	DHD	REF	L plus some A-J COMMENTS	
FRO	FERRO		RT p	GE	58	Fp														FRO	Steel Rods or Tubes with plastic Plate cladding. Ref: <i>Baukästen</i> p317.	
FRX	FERROX		SH	GE	40 l-- 50 e	A ?					22	12.0	4.1		t	HC				FRX	Strips, inc 14h Strip, Plates, Discs > 60mm. Strips shown with 45° corners. * Some/all parts may be aluminium.	
FGM	FG METALLBAUKASTEN		SH	GE	48 p-- 50 e?	F		-	----	--	20	11.9	4.8			H				FGM	Black pts w 2 widths of Strip. 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.	
FIX	FIX		LG	GE	40 c?- 48 k	F				--	30	15.0 *	4.3		t	HH *				FIX	Most Strips come joined w hollow rivets, w only centre hole. Some outside holes rect & open to ends. Another FIX MCS reported. * In shortest Strip. * C Bolts on models.	
F-B	FLEXO-BUILD0		MP	US	10 l?	p														F-B	Flexible fibre Strips, to be cut to length.	
FOR	FORGEACIER	JP	DY	FR	31 --- 50 m*	F	M3.5	* s	M3.5	39 *	41	10.0 w	3.6 *	3.6	3.48 m	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. *M115; N&B prob M3. *Mod . 65. *In pts; punch h not seen. **M115 Nut.	
FMR	FORMATOR		SH	GE	13 *- 15 k	L		c *			70 +	10.0	3.5	5 *	3.5 *	SC				FMR	Long slots in Strips (inc Curved Str), A/Gs, Plates. *1910 also reported. **Axles for Gears etc; also brass? 5mm Tubes (Axles), with split ends, expanded by 'bung' for Wheels.	
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. * In Set 1.	
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		F						Lg								FRI	Simple system with steel parts painted red & blue. Long hole pitch.	
FRY	FRYDAGH		MA	GE E	46 k-- 47 k*	FA	3x				29 *	13.0	3.5		3					FRY	Manual models show a few MÄRKLIN-like parts. * Manual PR 247. * In only known manual but EZ says about 40.	
FUN	FUNSTRUCTION	ME	ME	US	79	F	M3.5	s	M3.M4	30	46	10.0	3.9	3.8	3.73	HT	FQ	5.9	6.0	FUN	MERKUR parts apart from motor.	
FTY	FURNIT0Y		NM p	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		OO	GE		wL														GCO	As CONRAD, which followed it.	
GEN1	GENIAL [1]		SH	AS	46 *- 51 c*	F	M3,M5	* s	M3	* 51 *	67	10.0 *	3.3	3.2	3.10	HC	FF	5.5	5.5	GEN1	Many unusual parts inc Chain Whl, Threaded Boss, L-Girders. **within this time. *M2.6 in some earlier? smaller Ø bosses. *Mod . 5. * & 5.0mm for some end & other holes.	
GEN2	GENIAL [2]		LG p	AS	46 *- 51 c*															GEN2	Photos show sets with same lid but DUX-like parts, & DUX-like models on manual cover. From same firm as GENIAL [1] &, from same lid, perhaps later. **within this time.	
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		OO	GE	59 ---															GES	Reported as a simple system with unusual hole alignment. <i>Baukästen</i> , p304, talks of zined metal parts, plastic Discs, & coloured wooden Rods.	
GIA	GF METALLBAUKASTEN GIANT, GIGANT																			GIA	First erroneous name for FG METALLBAUKASTEN. See DISTLER GIANT, GIGANT.	
GAK	GILBERT AIR-KRAFT	GT	AS	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	NM	US	19 --- 22	wF	8-32.14-20				48	25.4 x	4			SR				G W	Large wooden Strips & Plates, with steel fittings. French version called JOUET DÉMONTABLE GILBERT.	
GRE	GILBERT RIDE-IT ERECTOR *	GT	NM	US	65 ---	Fp														GRE	* Also RIDE-EM. 5 models youngsters could ride in. Not made for long.	
GIO	GIO		SH	IT	60 s	Lp				--	5	7.5	3.0							GIO	Strips, Bracket & Disc. 'Rivets' (probably push-fit plastic) used instead of N&B.	
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 Str w rd ends in Super set. *No hyphen in Super GIRDER BILT. *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	3.10	HR *	FN *	6.0	5.6	GKI	Pts generally like MERKUR, sf 65mm Pulley (face holes inc 4x 6mm), & dull grey (or poss black or brass) finish. Also Ni small pts in set seen. *9.9 in some pts. ** & Bolts: F FD.	

REF	CODES (A for single columns) NAME	B Mfr	C TYPE	D CY	E -DATES-	F Matl	G THREAD	H BS--	G THRD	DP	Parts	I Pitch	dST	dBS	DAXL	J NB	F MF	K A/F	DHD	REF	L plus some A-J COMMENTS							
GLO	GLOBUS LEICHTBAU		SH	GE	E 48 k	A	M3, M4	*	-	----	--	39	10.0	4.0	4.2	3.9	*	HR	FN	5.5	*	5.8	GLO	Parts include tapered Braced Girders. Simple but quite elegant Bridge & Crane models. ** M4 on ends, or all along, Axles. * M4 Nut FF 7.0 A/F.				
GLA	GLORIA		SH	?	GE	L						30	*	10	?	4	?						GLA	Set 1 known * with at least 30 parts - lots of Strips but no Plates.				
GNM	GNOM		LG	p	GE	F	p																GNM	Made by Rimü, which traded from 1930 to 1950s. An Ebay photo shows bright Strips, A/Gs, & 3"3h Flanged Plates. The holes are small in relation to the hole pitch.				
GOL	GOLIATH		TR		SP		30 s																GOL	Less holes than TRIX to give V pattern. Appears same as INVICTA but MCS gives different hole sizes.				
	GOOD PLAY																							See QUELLE				
GOR	GORDON		MP		GE	E	60 c--	72 c	L														GOR	Mix of STABIL- & MÄRKLIN-style parts. Reputed to be brass plated parts, but those in photo blue & bright. Also non-constructional 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	-	----	--	19	a	12.7	4.4	---	4.00	SR	FN	8.0	7.7	H C	11 & 15 hole Strips have 1,2 flared ends. Flgd Plates have slots forming letters H & C.	
HDY	HANDY SET		ML		AL							5/32W	p	-	----	--	13		12.7	p	4	p		SC		HDY	May be one set from (the unknown as yet) BETTABILT, but PNs are as BETTAFIT.	
H W	HAO WANG		CH		CN		60 s?	*																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			----	-											HAP	Tubes are push fit in unions. Ad in G&T 10/14.			
HAS	HASSIA		TR		GE		48 k		F															HAS	TRIX-like parts but slightly larger. * In Set A, the only size known.			
HKO	HEIKO		SH		GE		49		F			M3	o	?										HKO	Grey looking parts, often w even number of holes, 8mm long slotted holes. * Nut BB or AA, 7mm A/F.			
H-M	HELLER-MÉCANICUS		DY		FR		33 k--	W2 a?	F															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		33 ---	38 +	F															H S	Ref: Eisenzeit p65, Pl.44. Has Mechanikus tool. See also MECHANICUS & MECO.			
HSA	HERSA		SH		GE		47 k*		A*			M3	e	---	--	21		8.0	3.2	---	t	HC	FF	*	6.1	5.4	HSA	* From 8. 47 manual PR. * Steel Loose Pulleys. Parts plain aluminium & inc Strips to 15h, 5"9h Flgd Plate, 4 & 5h long DAS, 5h Ø Disc w rings of 4 & 12 holes. *Bolts BB.
HOH	HOHA		LG		GE		30 s--	50 s	F			M4	s	M3											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		MP		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	ES		UK		08 ---	14	F			5/32W	k	----	38	38		12.7	4.2	---	4.06	SC				HSD	MECHANICAL DEMONSTRATION.	
H A	HUSTLER ACTION TOY BUILDER	HU	NM		US		27 k--	28 k	Fw			4-36	-	----	--	34		41.3	*	3.9	*	3.07	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	MP		US		30 s*		F																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 pts.		
HWM	HW METALL-BAUKASTEN	HW	SH		GE	E	49 ?--		F			M4													HWM	EZ Pl.60 shows lid, simple M-like parts. & Hans Wunsch HW logo. Black, 12mm wide Strips, A/Gs - other parts but some look dark grey. Also reported, a HW "MAS-Baukasten".		
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.	
I M	IDÉALE MÉCANIQUE		SH		FR		W2 a	*	A			3.8x	s	3.8x												I M	Structural parts are anodised copper. *1950s has been suggested. *Calculated as Mod 1. *Some Nuts FF.	
I B	IK BOUW/JE CONSTRUIS	TE?	ML		BE		80 s		F			M4														I B	Bilingual names. Apparently TEMSI parts.	
ICM	IL COSTRUTTORE MECCANICO*	BR	MM		IT																					ICM	* or IL COSTRUTTORE BRAL. Another name for BRAL, q.v., with the same parts as far as is known.	
IMT	IL METALTECNICO		MP		IT				L																	IMT	Small 'educational' set with some Slotted Strips & unusual slots in Flanged Plate.	

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	Parts	I Pitch	dST	dBS	DAXL	J NB	F MF	K A/F	DHD	REF	L plus some A-J COMMENTS	
IMP	IMPERATOR	RI	RT	GE	13 --- 20 e*	F	---	o	---	--	31	---			3.5	--	--	---	---	IMP	Strips 5mm wide, 2-7" long. Hubs 20mm A/F. *Listed '19, but 'not available' in '25 catalogue. Also sold as ANKER-METALL, -INGENIEUR, & INGENIEUR.	
IND	INDUSTRIE		LG	GE	19 *-- 31 +						18 *	15.0	5.1			W	*			IND	12mm wide Strips, small Spoked Wheels. Note use of Wingnuts. * 1925 also reported. * Probably more. * Snap fasteners used earlier.	
IMI	INGENIERIA MECANICA INFANTIL.*		AR	AR	45 c?- 55 c?	F	p 5/32			--	64	10 p	4 p		4.0	HR				IMI	*Juego de. Mostly MECCANO type parts but 10mm pitch. Unusual parts: 11h Flgd Sector Plate; 7h Trunnions; 29h Strip; 13h long Strip, Flex Plates, Flgd Plate.	
ING1	INGENIEUR [1]	RI	RT	GE	13 --- 20 e															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 Ihag GmbH, Nürnberg.	
INO1	INGÉNIO [1]		SH	FR	20 e							12.3	4.2							INO1	Appears to have Plates with large central holes rather like STRUC, & some very decorative architectural panels.	
INO2	INGÉNIO [2]		OO	FR	48															INO2	Name & date only.	
INO3	INGENIO [3]		SH ?	GE																INO3	Black, white & red Plates, some with holes or cutouts, held in grooves, to make Furniture (for dolls), parts of Buildings, & Trams.	
IGR	INGÉNIOR		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		MP	FR	50 s						25 *									INM	Has 27-hole Strips so spacing might be less than 1/2". Other parts inc a 12h Strips, & Flanged Plates possibly 5 & 10h long. * At least.	
ISO	INSTRUCTO		RT	US	20 c?	F	---	-	---	--	16	w	---	---	6.4 *	--	--	---	---	ISO	1/4" 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		OO																	INT	Name only.	
INV	INVENTRIX		ST	UK	46 --- 58 *	F	M4	s	M4	--	40	12.5	4.1	4.1	3.95	SR	* FF	8.0 m	7.3 m	INV	Ebay pics show grey pts, but data here is for sim red/green/yellow pts in Inventrix Ltd, Liverpool #3 set (as MCS). Some pts like STABIL. *30l in MCS. *Longer Bolts CH 7.2.	
IVA	INVICTA		TR	SP	33 --- 36	F	3.5x.8	-	---	--	14	8.1 *	3.9	---	---	t	HT	FB	6.4	5.1	IVA	cf GOLIATH. MCS shows models with V-pattern holes but known Strips just have some holes in outer rows omitted. * 9.0 in Wheel Discs.
	IOHOCTb																				Name in MCS for YUNOST'.	
I C	IRON CONSTRUCTOR		NM	US	95 *	Bw		-	---	--	10 a	var	1.8	---	---	H*	BB		*	I C	Strips, etc with holes to allow braced frameworks to be made with Tie Rods, etc. * Patent 1895. ** Flat rectangular head to allow finger tightening.	
ITC	ITALMECC		MM	IT		F						12.7 *								ITC	R/g MECCANO-like with a few MARKLIN-like parts, inc 5*11h Flgd Plate. 1" Pulleys appear to be cast & painted blue. * 1/2" pitch not confirmed..	
J&J	JACK & JILL DANDY *		NM	US	49 k?	A	5-40. 1/4x20	-	---	--	15	Var	3.9	---	---	HR	FN	* 7.8	5.7	J&J	* 2 names on canister: JACK [JILL] DANDY CONSTRUCTION SET. Canister used in models. * FF or FD Nut.	
J C	JE CONSTRUIS / IK BOUW																			J C	See IK BOUW / JE CONSTRUIS	
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 name; JE-IL, JIEL fr Korean. *K for Army, probably I or B for other sets.	
JIF	JIFFY BUILDER		MP	US	W2 a		4-48	*	-	---	9	12.7	3.5	2.9 *	---	HR	* FD	* 4.7 *	4.9 *	JIF	Very like GIRDER-BILT. * Also? 4-?. * In hard, red rubber Wheel. *** Also Bolt BD 5.1 Ø, Nut BN 5.7 A/F.	
JOC	JOC MECANO		ML	RO	70 c															JOC	Model sheet shows badly drawn small models made of Strips, Flgd Plate, Wheels, Axles, etc.	
JOL	JOLEI		SH	GE	50 e	A					12 a	11.0	4.4				F			JOL	Eisenzeit#1.60 shows simple Strips, DAS.	
JDG	JOUET DÉMONTABLE GILBERT	GT	NM	US	19 --- 22	wF	8-32.14-20				48	25.4 x	4			SR				JDG	Name of French GILBERT NEW WHEEL TOY sets. Wooden Strips & Plates with steel fittings. Data from GILBERT NEW WHEEL TOY.	
JRE	JR. ENGINEER		MP	US	46 k	AF	6-	* s	6-	*	24 ?	12.7	3.2		3	HR	*			JRE	Aluminium w red/orange steel Plates. 24 & 36t Gears. ** Reported as 3.5mm. * Sq Nut in manual.	

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	Parts	I Pitch	dST	dBS	DAXL	J NB	F MF	K A/F	DHD	REF	L plus some A-J COMMENTS
JMA	JUEGO METAL* DE ARMAR F.M.		AR	AR	45 --- 55	F					106 *	12.7	4.2							JMA	METALICO. Illustrations of parts just like MECCANO, inc M55,145,146,146a,160,161,196,197,198, but most of these not in the sets. * There are possibly 148 parts.
JUG	JUGA		MP	FR	47 *- 50s															JUG	Ref: manual cover. Parts include large braced Frames, some tapered. * TM registered.
JUN1	JUNEERO [1]		DY	UK	35 --- 56 *	F	6BA	d	6BA	40	39 *	---	3.0	2.7	2.65	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. * 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]		TRt	SD ?		F	1/8x			--	23 a	8	3		---	HM	?	S		JNR1	3 sets probably similar to UK TRIx Units A, B, C. Chrome plated parts.
JNR2	JUNIOR [2]		MP		04 k															JNR2	5 sets w red/blue packing (2 blister cards; 3 boxes) for 14-20 models ea, very to fairly simple. Small TOYMAN on lids. Silvery Strips, Flgd Plates; blue Flex Pl; red Whls & ?Brkts.
J M	JUNIOR MECHANIC		MP	US	40 l?- 50 s?	A	5-40	-	----	--	13	12.7	3.5	---	3.16 *	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. **Also Nuts AA 7.7 A/F.
K X	KARL MARX ROCKET BUILDER		AS	RS	48 k	F	M3	-	----	--	14	Var	3.5		---	HR	FD	5.6 m	5.4	K X	Typical large components.
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 p														KIM	Ref: <i>Eisenzeit</i> p176, which shows a skyscraper perhaps made of panels. Made by Blechindustrie Keim & Co.A.G., Nürnberg.
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 a set to make a Motor for them.
KKO	KIKO		MP	FR	60 c*					--	12 *	12.7	4.3			H				KKO	Many holes in Strips elongated to 1/2" or more. * Earlier said to be 1930s. * In Set 2.
K E	KINCO ENGINEER *	BM	MP	UK	22 --- 24	F p				--	10 +	12.7 p	4 ?							K E	From G&T. Wavy 'economy' Strips. * 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". * 1 1/4".
KMA	KINEMA		RT	GE	46 c-- 50	F				-- *	70	10	6 *	6						KMA	6mm Tubes with 1.5mm (or 2mm) holes through (spaced at 10mm) joined by Split Pins or Unions. * Sprockets only. * In various parts, plus the holes in the Tubes.
K T	KIS TECHNIKUS		HA	HU	30 s?	A ?				--										K T	MCS shows name with TECHNOKID manual, so they may be the same. Strips have square ends.
KTO	KITANO		ML	UK	47 a-			-	----	--	11				---	---	HR			KTO	Strips & Brackets, no wheels or axles.
KIT	KITOU		MP	FR	60 c															KIT	Many holes in Strips elongated. Holes in A/G are wide spaced. Strips look like KIKO. No wheels or pulleys.
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	KLIPIIT		RT	UK	14 *- 30 e	Fw	1/8W	* s	1/8W	22	49 *	---	---	4.9	4.80 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	KMS is on lid in '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 k-- 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.
KLR	KOBLER		RT	SW	48 k	A ?														KLR	Rods, possibly 4mm, joined with Clips & Unions, plus Plates etc. Manual cover might be from 1950s.

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	Parts	Pitch	dST	dBS	DAXL	J NB	F MF	K A/F	DHD	REF	L plus some A-J COMMENTS		
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. * 3-3½ estimated.		
KMB	KOMEB		ME			Fp						10 p								KMB	Lid of Set EMP 1003 has MERKUR Motor & Battery Box on it.		
KNA	KONSTRUKTA		UK	UK	52 k	F	5/32W	*	5/32W	38	36	12.7	4.1	4.1	4.01	SC *	FF *	7.9 m	5.9 m	KNA	of BEAVER. Gear seen is 57t, not 53 as in MCS. *Or 3BA, both given in Parts List. ** FB Roundhead Bolts, 7.0 DHD, also seen.		
KNN	KONSTRUKTION		CK	GE	E 56 ---	60 m*	F	M4	s	M4		81	10.0	4.1	4.2	3.99 t	HT	FN	7.0	6.9 m	KNN	Forerunner of CONSTRUCTION. KONSTRUKTION moulded into large Tyres. 3 phases, the last very similar to CNN. * Dates need verifying.	
KTR	KONSTRUKTIONER		RT	SD	52 c--	F	M3	d	M3	--	50 a	14.0 x	3.1 *	6.0 *	5.99 *	HC	FK	5.9	5.3 m	KTR	Selection of standard FAC parts for small models made from Rods & Clamps. Relevant data from FAC. *In Clamps, no Strips. ** 4.01/3.99 also & 3.99 structural Rods.		
KSL	KONSTRUKTIONSPIEL		SH	GE	40 lk	F	M3	-	----	--	16	7.5	3.1			HC	FD *	5.2	5.8	KSL	3 Strips up to 11h & Brackets from them, plus Wheel Discs. * Bolt FF.		
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.		
	KONSTRUKTOR [2]																				Name used in MCS/FB for SEL'KHOZTEKHNIKA.		
KNR3	KONSTRUKTOR [3]		SH	RS	75 ---	87 +	A	M4	d	M3	* --	48	10.0	4.4 *		3.9	HR	F	6		KNR3	Compare with SONNEBERGER. * Later may be M4. * 4.6 also reported.	
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		-	----	--	25 a	12.5 p			---	t				KNR4A	Set similar to KONSTRUKTOR [4] but coloured parts. From its manual cover, lid label, model drawings, it may be earlier.	
	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.	
KNR7	KONSTRUKTOR [7]		SH	? GE	E								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). dST 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 KONSTRUCTION, 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 CNN but + Winch; Motor/Gear Unit. YUNY1, #2, E/M Sets; & one sim #2 but no 2 after KONSTRUKTOR & has some coloured pts. *w M4 ends. Also Axles for G/box.	
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	4.03 m	HC	FZ *	7.0	6.7	KNR14	* KONSTRUKTOR & CONSTRUCTOR on lid, manual. Parts very like CONSTRUCTION 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 regular hole pattern. * Axles with screwed ends.	
KNR16	KONSTRUKTOR [16]		SH	p RS	50 s?		L						10.0 p	4 p							KNR16	Set 1 Mekhanik & Set 2 Tekhnik known. Some parts like KONSTRUKTOR-MEKHANIKA [2]	
KNR17	KONSTRUKTOR [17]		CK	UN *	03 k																KNR17	*German/Ukrainian production'. Most likely repacked Eitech CONSTRUCTION parts or amde 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 from the same maker. *Both have a 'Ukrainian' 'I' in their names. Bright parts with some like CONSTRUCTION; green Tyres.	
	KONSTRUKTOR BAUVORLAGEN																				Now KONSTRUKTOR [7]		
K K	KONSTRUKTOR K-115		SH	BS	97 k		F	M4	p	----	--	28	10.0	4.3		3.87	HR	FQ	7.0	6.7	K K	Parts prob similar to VINTIK 1 SHPUNTIK. Later changes to name K 115 (no dot) & a few parts, by later maker who also produced KONSTRUKTOR VOENNAYA TEKHNIKA.	
K M	KONSTRUKTOR MALYUKTA		SH	RS	91 ?--	96 k	F	M4	-	----	--	16	10.0	4.3		---	3.98	HR	FN	6.9	7.0 m	K M	Small set with parts as KONSTRUKTOR UNIVERSAL'NYI, & by same manufacturer.

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	Parts	Pitch	dST	dBS	DAXL	J NB	F MF	K A/F	DHD	REF	L plus some A-J COMMENTS
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	3.93 *	HR	FD	7.1	6.1	K-M2	Black parts to make Cranes, etc. * 4.0 also reported.
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*5 Flgd Plates, 3,5h Ø Pulleys with 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	3.98	HR	FN	6.9	7.0	K S	Parts mostly fr KONSTRUKTOR UNIVERSAL'NYI, & by same maker. TOY DESIGNER "SCHOOLBOY" also 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. Plastic Wheels, Pulleys, Bevels. * FK Nuts.
K U	KONSTRUKTOR UNIVERSAL'NYI/T*		SH	RS	90 ek-	Fp	M4	d	M4	--	41	10.0	4.3	4.3 m	3.98	HR	FN	6.9 *	7.0 *	K U	TOY MECCANO UNIVERSAL also 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.
KRN	KONSTRUKTÖREN		TR	SD		L		-	----		24 k					t HR				KRN	The Set 10 known has content similar to UK TRIX A+B+C, plus unusual Flanged Plate with flange bends along rows of holes.
KNX	KONSTRUX		SH	GE	46 c-- 50	L					30 a	12.0	4.1			t HC				KNX	Long slots in many parts, usually rectangular. Discs up to 60mm Ø. [Deuteron is name of one Set.]
KOP	KOPTOR		ES	US	24 k	L														KOP	Parts to make optical instruments.
KOS	KOSMOS																			KOS	German manufacturer: see MASCHINENBAU, TECHNICAL KID, TECHNIFIX.
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.
KUK	KUKO		MP	GE E	50 l															KUK	Photo of lid shows blurry Crane.
K B	KWIK BUILDER		MP	BE	50 c?	F	5/32W	-	----	--	26 a	13.0 *	5.0		4.5	HC	FB	8.0	7.0	K B	Plates (2x2 - 3x9) have square corners. * 12.7 also reported - an error or were there 2 phases? cf MERCATOR.
KWB	KW Metallbaukasten		MP ?	GE	47 c	L														KWB	Ref: <i>Baukästen</i> p322.
LCM	LA CONSTRUCTION MÉTALLIQUE		BD	FR	30 m	F		-	----	--	72	12.5		---	---	H				LCM	The 60 Flanged Plates were each available in 10 colours plus chrome plate.
L C	LE CONSTRUCTEUR		MP BD	BE						--	38	12.7	4.0			R				L C	Various special Plates including gable ends.
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 *	3.3 *	3.25					LED	=AO652
LKB	LEICHTMETALL-KON*-BAUK'TEN		MA	GE E	52 c	A	M4	s	M4	13 *	41	13.0	4.4	4.1	3.93	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.
LJI	LE JEUNE INGÉNIEUR	ME	ME	CA																LJI	See YOUNG ENGINEER [1].
LJM	LE JEUNE MÉCANICIEN		ML	BE	20 s?					--	50 a	12.7	4.0							LJM	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 l	F *	3x.6	d	3x.6	--		20.0	3.1	3.0	3.02	HR	FF	5.0	5.6	L T	Rods & a few 16mm wide Strips joined by Clamping Plates. *Aluminium Pulley. Is this the same system as METALLO-TECHNIC?
LEO	LEONARDO		MM	IT	47 k							12.7 p								LEO	Ad shows very large set with MECCANO & MÄRKLIN-style parts, & large model Crane.
LPA	LE PETIT ARTISAN DE LA MÉC *		SH	BE							20	12.4	3.9							LPA	MÉCANIQUE. Holes are square instead of round.
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	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	GE	90 c	wq	----	-	----	--	10 *	25 *				--	--	---	---	LIL	Wire Clips & Wedges join Strips, Brkts, w card infill Panels. A Windmill has steel Axle. **2 series of sets w same models: 1st: est 25-30mm pitch; 2nd: parts 3 or 4 times larger.
LNG	LIL'N-GINEER		RT	CA *	50 s?	Fw	6-32	-	----	--	20	25.4	4		4.10	-F	FF	---	4.4	LNG	Apart from the Wheels it looks like ROBO/EL INGENIERO MECANICO. * Also US, with different maker.
LIC	L'INGÉNIEUR CONSTRUCTEUR	JP	ML	FR	12 --- 13	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.

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	Parts	I Pitch	dST	dBS	DAXL	J NB	F MF	K A/F	DHD	REF	L plus some A-J COMMENTS	
L W	L'INGÉNIEUR WALTHER	WA	NM	FR	08 c-- 10 c	Fw				--	45	10.3	2.9								L W	Name for WALTHER'S INGENIEUR in French markets, but changed to ARTS ET METIERS Serie 3 after c1910. Parts joined with bifurcated clips. Data from W I. * Inc 16 wood.
LNx	LINX		UK	UK	W2 a--	F		-	----	--		Var					HR	FD			LNx	Sets for small DIY repairs with parts also used in LYNX sets. Probably early post-WW2 and 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	3.19	--	--	---	---		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	F	----	o	----	--	20 a	---	1.7 *	3.6	3.50 m	--	--	---	---		LAE	Name used in 1914 ad for UK version of IMPERATOR, afterwards just ANCHOR ENGINEER(ING). Data from ANCHOR ENGINEER. * In Hubs.
L E	LITTLE ENGINEER		ML	PO	50 s?					--	24	12.7	4				SC				L E	The basic parts that look just like MECCANO in illustrations. Note 5*11h Flgd Plate with 4 flanges & 2 'saw' slots. English name for exported MALY INZYNIER.
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 and 6mm Ø Studs.
LGM	LITTLE GIANT MODEL MAKER		DY	US																	LGM	JUNEERO like Tool. No other details except maker.
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, 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	3.95	HR *	FD	8.6	7.5 *		LYN	Strips grooved along centre, lengthways, for strength. LYNNCRAFT moulded in Tyres. * Mostly, also 3/8, 3/4", & others. * Also square Nuts. * Also 6.3.
LYXa	LYNX [a]		UK	UK	46 --- 47	F	5BA	* p	----	--	22	9.5 *	3.5 *	---	3.25	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	3.25	HR	FD *	6.2	5.5		LYXb	Packets of parts may be mkd LINX (Ph a & b). A few pts mkd LYNX, some MADE IN ENGLAND. P-f rubber Whl, Ply. *Later most A. *6BA qqf. *Var in some Brkt. *See above.
MKT	MAAKEETS		MP	BD	SA	60 b-- 70 s*	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. & large toothed Universal Gears, DP 10?, & matching Rack.
MAB	MABA		LG	GE	46 c-- 50	F				--	55	15.0 *	4 *		3.9	HR					MAB	Parts for models of machine tools. * Also 13.4mm. * Also 5mm.
MNK	MAC ET NICK		LG	FR	40 l-- 60 s	FA	3x.6	* -	----	--	100 +	17.0	4.2 †	---	4.04 *	HR *	FF *	6.0 *	5.8 *		MNK	Flex F Str 15.6 wide, but most pts A. Assembled w Eyelets & some N&B. Also reported: *1/8" W; *4.15. † & 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	----	--	14 p	12.7	4	---	4	--	--	---	---		MCN	Parts similar to CLOU & MATCH BOX CONSTRUCTION SET [1] but approx 1.5 times larger. Models shown are identical.
MAF	MAFELL		NM	GE	30 s*	F															MAF	Ref: EZ p65. A few large parts, cf GILBERT NEW WHEEL TOY. Maker: Fellbach GmbH, Stuttgart-Fellbach/Württ. Strips etc have interlocking grooves * UK patent in 1929.
MAG	MAGNETO		OO	GE	30 e	F															MAG	Large, heavy steel parts, with Wheels & Axles. No other details.
MAK	MAKE-AND-KNOW		ML	? IN ?	80 ck	L						12.7									MAK	Small set with MECCANO-like parts bought in India.
MKL	MAKUMAL		RT	US	28 *--	wF	----	*	8-32	* --	10	---	---	8	8	- R *	FD	---	7.4		MKL	5/16" wooden Rods held in U-Clamps. * 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	3.96	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	85 k							10 ?									MLY	Said to be SONNEBERGER style/based on MERKUR, 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	Parts	I Pitch	dST	dBS	DAXL	J NB	F MF	K A/F	DHD	REF	L plus some A-J COMMENTS		
MSH	MALYSH *		CK	RS	80 --- 95	F					20	10.0	4.0 m		t	HC				MSH	Parts look just like CONSTRUCTION & are nicked. *MAL'YCH is alternative rendering of Russian name used by Constructorama.		
MAM	M. A. M.		MP	FR	53 k															MAM	Nice Crane shown in MCS but does not show any parts clearly or method of construction.		
MFX	MANUFAX		DY	UK	31 --- 47 k	F	----	-	----	--	76 a	---	---			--	--	---	---	MFX	Basically lengths of different cross section Strips, Girders, with no holes, to be cut to length & joined by timplat Clips with lugs wrapped over using Pliers.		
MAR	MÄRKLIN	MA	MA	GE	19 --- 00 *	F	5/32W	d *	5/32W	38 *	260 *	12.7	4.3 *	4.0 *	3.98	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=4.14; 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 models.		
MAC	MÄRKLIN AUTO	MA	CR	GE	33 k-- 53 c	F					48 *	Var								MAC	One Chassis & 7 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	Wide range of models possible.		
MAI	MÄRKLIN MARBI	MA	MA	GE	33 --- 39	F	5/32W	-	----	38	24	12.7	4.2	---	---	t	HC			MAI	Unpainted MÄRKLIN parts with minor differences eg no bosses.		
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.	
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*11,4h Flgd Pl, 8h Flgd Sector Pl w 2 45° slots, 4" Tube, 3" Whl. *8?5/32x30. *fr Pinion. *4.1,4.3 in some pts. *H Nuts shown too. *8?7.3.	
MBRa	MASTERBUILDER [a] *		MP	UK	46 --- 49	Fp *	1/8W	d	1/8W	40	49 *	12.7	4.0	3.9	3.91	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 ---	F	1/8W	d	1/8W	40	57	12.7	4.0	3.9	4.10	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. * 1/2" Bolts are BB w 5.4 RH.		
MBC1	MATCH BOX CONSTR'N* SET [1]		MB	JA	50 s	Fw	----	o	----	--	14 p	12.7 e		---		--	--	---	---	MBC1	CONSTRUCTION. MBC2 in OSN 6. Box top as CLOU sf name but MCS indicates large pts as MACON. NB. The top has only been seen on model leaflets with MBC2/3 sets.		
MBC2	MATCH BOX CONSTR'N* SET [2]		MB	US	30 s?	Fw	----	p	----	--	14	8.7	3.3 m	3.0	3.0	--	--	---	---	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. MBC1 in OSN 6. Mfr: LINEMAR. Small parts similar to CLOU. Box top as MBC2 except maker; bottom has Vest Pocket Builder & 100 Toys in One.		
MTT	MA TOUR CONSTRUIT		NM	FR	30 s	FA	M4	s	M4	--	40	10.0 x	4.1	4.1	3.97	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 k	12.7	3.4 *	3.4 *	3.22	HR *	FF	6.1	5.1	MAH	Looks like MECCANO but holes smaller. Larger sets than the #9 seen. * 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.		
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.
MBL	MECABEL		SH	BE	40 s?	F	3.5x.8	s	3.0x.6	--	22	10.0	3.9	3.5	3.40	HR *	FK	8.3	6.0	MBL	Strips, Flgd Plate with slots between many pairs of holes. Large Big Wheel shown. * 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	No other details.		
MCNX	MECANEX		MA		SW	44 *- 48 *-	A		3x		22 k	12.7 *	4		4					MCNX	Has 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.		

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	Parts	I Pitch	dST	dBS	DAXL	J NB	F MF	K A/F	DHD	REF	L plus some A-J COMMENTS										
MEC2	MÉCANIC [2]	JP	ML	FR	21	---	23	F	5/32W	s	5/32W	80	a	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 with MECANIC on the box lids, but the parts 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	25	*	119	13.0	4.2	4.0	3.98	HD	FN	7.9	7.5	MEC5	Earlier name of MEKANIK [1]. Data from parts believed MEKANIK. * Mod 1. Also Mod.2 large toothed gears.									
M I	MECANICA INFANTIL		SH	AR	44	---	55		5/32x			--	63	10.0	4.3		4.0	HR						M I	The (MECCANO) model shown in MCS does not correspond to the parts illustrated.								
MNT	MECANIKIT		UK	UK	45	+p		F	* 3/16W			--	12	*	12.7	4.6		3.98	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	3.96	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	k*-	38	k	F	* M3.5			--	55	a	Var	3.6		3.51	HF	FN	6.0	6.0	MVN1	Fair range of typical 'Aero' parts for good selection of models. * Date (from manual?) may need confirming. * Ads refer to aluminium but this may be colour.								
MVN2	MÉCAVION [2]		AS	FR	30	sp								24	e									MVN2	Smaller range of smaller parts to make fewer, smaller models, span 33cm. Probably 3 sets: 0, 00, 000, all called Baby. Elliptical Wings, but possibly swept tip rectangular earlier.								
MVN3	MÉCAVION [3]		AS	FR	50	sp								28	e									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.								
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	3.95	*	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.								
MCO	MECCANO	MC	MC	UK	07	---	04	+	F	5/32W	†	d	*	5/32W	†	38	*	400	a	12.7	4.3	*	4.1	4.06	SC	FB	*	6.4	*	5.5	*	MCO	††may be 7-32 fr c'03. *Clips hold whls 'til '12, s/t 'til '28. * & 16; & earlier 40. *4.2 in Narrow Str. *** & 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.							
MCA2	MECCANO AEROPLANE [2]	MC	AS	UK	32	---	41	F	6BA			--	24	Var						HC	FN				MCA2	As [1] but smaller, simpler parts.							
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 5ME.								
MCT	MECCANO ELEKTRIKIT	MC	ES	UK	63	*--	70	*	pL	5/32W	d	5/32W	--	72	*	12.7	4.2	4.1	4.06	SC	FQ	*	6.4	5.6	MCT	First made by MECCANO-FRANCE, 1962. Set for use with standard sets. * Later parts inc in 4EL. * Inc 22 std parts. * Earlier FB.							
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	80	e	12.7	x	4.4	*	4.1	3.93	SR	* FN	6.4	6.5	MCGb	Mix of standard MECCANO, ERECTOR, & Wide Beam parts (some new). Data from a LITTLE JIM set. *In Wide Beam parts; otherwise 4.3. *Also Snap Rivets.					
M-K	MECCANO - MÄRKLIN	MA	MC	GE	12	c--	14	F	5/32W		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 black finish. Parts often stamped with MECCANO & Märklin logo.							
MMA	MECCANO MECHANISED ARMY	MC	MC	UK	39	---	41	Fw	5/32W	d	5/32W	--	47	12.7	x	4.3	4.1	0	SC	FK	6.4	5.5	MMA	Standard parts with some holes omitted, & wooden Gun Barrels.									
MCM	MECCANO MEXICO		MC	ME	71	---	73	+	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.							

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	Parts	Pitch	dST	dBS	DAXL	J NB	F MF	K A/F	DHD	REF	L plus some A-J COMMENTS
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.
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 -	----	--	10 a	12.7 x	4.3	---	---	t SR	*			MCW	3 small Gilbert sets with parts like MECCANO X but Strips have fewer holes, also a Flgd Plate. *Or 1933. *Snap Rivets also after c1934. 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.
MNC1	MECHANIC [1]	WS	CH	CN	93 *- 97 +	F	M4	s	M4	--	46 a	12.5	4.4	4.4 m	3.92 *	Hr	FN	6.9	6.2	MNC1	Seen in Malta & Kuwait. WISDOM parts repackaged, but colours different. * Copyright date. * Also 2.58.
MNC2	MECHANIC [2]		SH	AL ?	03 k															MNC2	New sets sold on Australian Ebay. Probably METAAL CONSTRUCTIE SET under another name. Said to have C/W Motor but Electric, as in METAAL CONSTRUCTIE, on lid.
MCH	MECHANICA		OO	GE	20 s?															MCH	Ref: <i>Baukästen</i> p331. No details.
M G1	MECHANICAL ENGINEER [1]	PH	PH	NE	60 s	p	----	c	----	15 *	61	15.0	5.0		2.98 *	--	--	---	---	M G1	PHILIPS set ME 1200, later also ME 1201 & 1250. ME 1200 identical to NORELCO MECHANICAL ENGINEER ME 1200. * Mod 1.67. * Also 1.98mm.
M G2	MECHANICAL ENGINEER [2]	PH	PH	US	60 s	p	----	c	----	15 *	54	15.0	5.0		3.0 *	--	--	---	---	M G2	NORELCO Set ME 1200, identical to PHILIPS ME 1200. Norelco was Philips' name in US. No Norelco equivalent of PHILIPS ME 1201/1250 is known. *Mod 1.67. *Also 2mm.
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	3x				16					HC	B			MCS	Like HELLER but fewer parts. * Sold in Holland as MECHANIKUS STAALKNUTSELDOOS. Also German MECHANIKUS seen.
MIH	MECHANIH		CK																	MIH	2nd name on some RIG OUT ONESELF (Ebay) boxes - models are the military ones possible for METAL MECHANIC. NB. No obvious link w MECHANIK [2].
MHK1	MECHANIK [1]		MP	GE	50 cp		A ?									SC				MHK1	Details from photo of Set Nr.100. Strips, Brackets look aluminium. Brass 2h Ø Pulley.
MHK2	MECHANIK [2]		CK		03 k															MHK2	The one Ebay set seen has a model on it identical to one from METAL MECHANIC but the red/blue box is completely different. Another POLYLONG set?
MKA	MECHANIKA		HA	HU	50 s?- 85 k	A	M3	d	M3	--	46	15.0	3.5	3.6	3.32	HT	FD	6.2	5.0	MKA	Strips 3-11h; 9,11h A/G; 4*4, 4*8h Flgd & Perf Plates, 6h Flgd Sector Pl, (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	-	----	--	56 a	Var	3.0 *	---	---	Hp	FN	5.4	5.3	MAL	6 animal Kits with mostly special parts for each. * 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 *	4.03 *	SC	FB	8.0	6.1	MNX1	Some 1" Pulleys had MECHAI IIX cast into them. * Some 4.00. * Some 3.96.
MNX2	MECHANIX [2]		MM	IN	94 --- 99 +	F	5/32W	s *	5/32W	--	39	12.7	4.3 *	4.3	3.93	HR *	FI	8.0 *	5.9 *	MNX2	Well finished BRAL-like parts. Pulleys, Bush Wheel all plastic including bosses. ** Later bosses FN, d/t, 4.11 bore. *** Later: Bolts CH, 6.3 & 5.8 Ø; Nuts 7.2 & 7.4 A/F.
MNX3	MECHANIX [3]		CH	CN	98 *- 00 +	F	M4	s	M4	32	52	12.5	4.3	4.5 *	4.03 *	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 2.61.
MRX	MECHANTRIX		ML	CA	02 ---	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	4.00	HC	FN	7.0	5.5	MRA	TEMSI parts & motor, plus special (electronic?) parts. Ref OSN 13/360. Data are for TEMSI.
MHB	MECH-BUILDER		ML	CN	99 ck	F	5/32W	p *			40	12.7	4			SC	FQ			MHB	MECCANO copy but has 3-sided Corner Bracket. * 22a, & probably Road Wheel. * At least.
MEO	MECO		DY	GE	33 /34 --															MEO	Maker, Heller. 'Constructor' plier type tool has different heads, & more versatile than 'Mechanikus' one in HELLER'S STAHLBAU and MECANICUS.

REF	CODES (A for single columns) NAME	B Mfr	C TYPE	D CY	E -DATES-	F Matl	G THREAD	H BS--	G THRD	DP	Parts	Pitch	dST	dBS	DAXL	J NB	F MF	K A/F	DHD	REF	L plus some A-J COMMENTS
MTH	MECOTECH	WS	CH	CN	92 k	Fp	M4	-	----	--	27	12.5	4.4 *	---	2.57	Hr	FN	6.9	6.3 m	MTH	WISDOM plus special parts. Rocket carrying plane & other vehicles. * Up to 4.8 in Plastic Plates.
MKS	MEHANISKAIS KON* SKOLENS		SH	RS	87 k? 90 k	F	M4	k *	----	25 *	60	12.5	4.3	4.4	3.96	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	74 k	F				24 *	201	12.7	4.2			SC				MHA	NB MCS pts: 1st type M187; 9h Flex Sector Pl; 1" Ply w lg Ø (plas?) bs; 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-- 04 +	Fp	M4	-	----	--	40 +	12.7	4.3 *	---	2.00 *	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. *Earlier name. *Was YU. *Also 2.2 as bearing. *Part of Armature only.
MEH	MÉKA		OO	FR	50 s															MEH	No other details.
MEK1	MEKANIK [1]		LG	GE	49 --- 63 c	F	M4	d	M4	25 *	119	13.0	4.2	4.0	3.98	HD	FN	7.9	7.5	MEK1	Followed MECANIC [5]. Special gears including a pinion sliding on a square shaft. * 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 h; Plys (1/2") w & ss boss, up to 100mm; Flgd Pl 5*5,7*9,7*11h; Perf Pl 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		CH	SD	93 *	F	M4	s	M4	--		12.5	4.4	4.4	3.94	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						30 a				t	HC				MKO	Parts look like TRIX. One model, a Crane, is same as EL INGENIERO INFANTIL.
MEKO	MEKO		OO	GE ?	47															MEKO	Ref: <i>Baukästen</i> p331. No details.
M-S	MEK-STRUCT		ML	HK	94 --- 97 c	F	M4	s	M3	--	62	12.7	4.2 m	4.1 *	4.00	St *	FQ *	7.0 m	6.6	M-S	Strips and most Plates have cut back ends/corners. Spanner stamped ARTIN. * 4.22 also reported. * Hex recess. * 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	4.00	St *	FQ *	7.0 m	6.6	MKX	Standard MEK-STRUCT parts plus special track parts. MEK-STRUCT data used. * Hex recess. * 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	4.95 m	HT *	FB	8.0 *	6.7 *	MTR1	Parts include some unusual Plates, 4" Pulley, 3 Boilers. *M3 (?) in one part. * Mod 1. * 12.7 in MCS. ****Also HC BB 8.0 7.0.
MTR2	MERCATOR [2]		MP	BE	40 l?- 50 e?	F					30 *	12.7	5.0 m		4.5	HR	FF		8	MTR2	Unlike MERCATOR [1] with different parts, hole pitch, Axle Ø, etc. * In set 6, the largest known.
MER1	MERKUR [1]	ME	ME	CZ	30 *- 04 +	F	M3.5	s	M3.M4	30	92 *	10.0	3.9	3.8	3.73	HC	FF *	5.9	6.0 *	MER1	* An earlier system, possibly similar, was made in 1920s. *+ 7 pts in plastic as well as metal, & some special pts introduced since 1999. *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	--- 90 +	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 1/2cm sq hole at one end.
MES	MERKUR ELEKTRUS	ME	ES	CZ	30 s?							10.0	3.8			HC				MES	Date is speculation but this set seems to have preceded ELEKTRO. Full details lacking but standard parts, Bell, Lamp Holder, & Coil can be seen.
MEM	MERKUR METROPOL	ME	BD	CZ	50 s?							10.0 p								MEM	Special Plates (material?) with standard parts.
MER2	MERKUR [2]		ML	?* GE p																MER2	Ebay sets unlike MERKUR1, said to have been made by Metallwarenfabrik Fritz Hochstrate, poss pre-WW2. Pts (need confirming): silvery Strips, Blue Flgd Plates, red Wheels.
MTB	METAALBOUWS		OO	NE ?																MTB	Name only.
MLE	METAAL CONSTRUCTIE SET		SH	NE	03 k	F	M4	s	M4	32	45	12.3	4.4	4.2	4.00	Hr	FN	7.9	6.0	MLE	Seemingly Dutch. The one set known features small fairground models. Parts mostly MECCANO-like but 7h Trunnion, 11h Curved Strip, 15h Disc. Looks same as MECANIC [2].
MBA	METABA		OO	GE																MBA	Name only.
M D	META BUILD		SH	IN	89 --- 93 +	Fp	M4	p	----	--	30	10.0	4.3	3.8 *	3.99	Hk	FQ	6.9	6.6	M D	Unusual parts inc flanged 2*8h & triangular Plates. * 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 parts are MECCANO pattern 5*11h Flgd Plate; 5,11h & Curved Strips; DAS; Flex Plates; Trunnions; Bush Wheel; (1st) Road Wheel; 1" Pulley & Rubber Ring.
MLX	MÉTAFLEX		SH	FR	40 l-- 60 s	A	Metric			--	46	10.0		*		HC				MLX	Some slightly unusual parts inc 7*7 & 7*15h Plates, & 21 & 31h Strips. * Looks like 3mm or a bit smaller.

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	Parts	I Pitch	dST	dBS	DAXL	J NB	F MF	K A/F	DHD	REF	L plus some A-J COMMENTS	
M R	METAL BUILDER	CK	CK	UK	94 --- 97 c	F	M4	d	M4	-- *	70 a	10.0	4.2	4.1	3.99 t	HC	FN	6.9	6.9	M R	3 CONSTRUCTION sets for Early Learning Centre. * Bevel only.	
MCB	METAL CON* AND B'G* OUTFIT		ML	UK		A ?					12 *	12.7 p								MCB	CONSTRUCTION, BUILDING. Parts in set seen: 2,5,6a,12,48a,52,70(sq corners),1" Wheels. * At least.	
MFT1a	METALCRAFT [1a] Aero *	MT	AS	US	27 --- 40 *	F	6-32	-	----	--	101 *	Var	3.9 m	---	---	HR	FD	7.9		MFT1a	Sets: 2 types of Aero called Spirit of St. Louis; 3 Airship; Hanger; Mooring Mast; Airfield. *METALCRAFT LYONS after '29. *Also reported 27-35. *Only for Aero (69) & Airship (32).	
MFT1b	METALCRAFT [1b] Train	MT	CR	US	27 c-- 40 *	F	6-32	-	----	---	49	Var	3.8	3.2 *	3.05	HR	FD	6.2	6.4	MFT1b	Parts to make 12 Goods Wagons, no Loco. *1935 also reported. *Some larger/smaller eg 1/4", 3/32". *3.5 also seen.	
MFT2	METALCRAFT [2]		UK	UK	57 k	F	4BA	d	4BA	--	20	12.7	3.9	3.9	3.70 *	SR	FB	7.9	6.3 m	MFT2	As PIONEER, except no A/G. * Under paint.	
MFR	METALCRAFT TRAIN CON* SET	MT	CR	US	30 k-- 40	F	6-32	-	----	--	49	12.7 x	3.9	3.2 *	3.05	HP	FD			MFR	CONSTRUCTION. Special parts for goods wagons. No track or loco. * Tinplate flanged Wheels.	
M C	METALEN CONSTRUCTIE	TE?	ML	BE	80 s		M4		M4	38 p	70	12.7	4.1			H				M C	See BOÎTE DE CONSTRUCTION MÉTALLIQUE.	
MTLa	METALING [a]		ML	SP	33 --- 35	F	5/32W		5/32W	38	183	12.7	4.2			SC				MTLa	More or less identical to MECCANO, parts made under licence.	
MTLb	METALING [b]		ML	SP	69 --- 73 +	F	5/32W	d	5/32W	38	260	12.7	4.2	4.1		SC	FQ			MTLb	Parts as above except for plastic Gears & Sprockets (for plastic Chain), both with brass bosses.	
MTX	METALIX		TR	BE		F	3.5x.8	-	----	--	14 a	7.8	3.6	---	---	t	HT	FB	6.5	6.3	MTX	Parts look very like TRIX, with some very small differences in shape.
MLT	METAL KITS	PL?	CK	UK	03 --- 04 +	F	M4	p	----	--		10.0	4.2	---	4.01	Hp	FQ	6.9	6.5	MLT	4 sets seen on UK Ebay with 4 models identical to those in 4 POLYLONG sets. 'A' logo on some lids is as METALLICA. Data assumed to be as POLYLONG.	
MBN1	METALL-BAUKASTEN [1] *		LG	GE	E 70 s*	F	M4	d	M4	25 *	69	12.8	4.2	4.0	3.95	HC	FN *	7.0	5.9	MBN1	*Not always hyphenated. Sets v similar to SCHEFFLERS. Came between SCHEFFLERS & BURGSTÄDTER, *but dates need confirming. *Mod 1, & Mod 2 gear-like Spkt. *Nut FN.	
MBN2	METALL-BAUKASTEN [2]		MP	GE	20 m?	L														MBN2	Small, simple system with various special parts for Cranes, some eg Winding Drum probably wooden. *Scales at 12½-14.	
MBN3	METALL-BAUKASTEN [3]	AK	ST	GE	W2 a	L		o	p	----		12.5 *				t				MBN3	Similar to, or probably the same as AUKI, but perhaps fewer sets. * Scaled, could be ½".	
MBN4	METALLBAUKASTEN [4]		MP	GE		L														MBN4	Small system with silvery looking parts, inc Flgd Plates 5*10h w 3*8 cutout, & 4*3h w centre hole.	
M N	METALL BAUKASTEN		OO	GE	30 s	F					50 +	12.7	4.1							M N	Black parts. No other details.	
	METALLBAUKASTEN																				See BSL METALLBAUKASTEN & THALE METALLBAUKASTEN	
MMB	METALL BAUKASTEN mit B-M *		SH	GE	E W2 a	F	M4	o	*	----	25 *	65	12.6	4.2	4.1 *	t	HC	FN	9.0 m	6.8	MMB	Batterie-Motor. Heavy black parts up to 7hØ, some like simplified MÄRKLIN, but different Gears & unusual Railings. *Short bosses or eyelets in small parts. *Mod.1. * 4.3 in eyelets.
MBK	METALLBAUTECHNIK	KR	MA	GE	E 70 k	F	M4			--	28	12.5 p	4.2 a		4.0	HC	F			MBK	Probably an Instructional Set. Made by Krause & Co, who also made THALE STAHLBAU TECHNIK: many parts similar.	
MIC	MÉTALLIC		MP	FR	13 k															MIC	Only an ad is known & it shows Strips, A/Gs, Perf Plates from 2 to 5h wide, & a large Fan.	
MLA	METALLICA *		CK	UK	92 p	F	M4	p	----	--	34	10.0	4.2	---	4.00	Hb	FQ	6.9	7.7	MLA	One set known, to make Repair Truck. Most pts v like CONSTRUCTION. 'A' logo on lid is as some METAL KITS lids. *RIG OUT ONESELF q.v. is only name on model leaflet.	
MLC	METALLICO		ML	SL	95 k	F	M4	d	M5	42 *	73 *	12.7	4.3	4.1	3.97 m	Sb	FQ	6.9	6.4	MLC	Mfr probably 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.	
MJA	METALLIRAKENNUSSARJA		SH	FI	93 k-- 97 +	F	M4	k	*	----	--	58	12.5	4.3	4.4	3.96	HR	FQ	6.9	6.9	MJA	METALLBYGGGATS (Swedish name) & Made in Estonia on box. MEHANISKAIS KONSTRUKTORIS 2 'SKOLNIEKS' on inner box of 240 set. Parts like EMK. * Rubber Strip.
MLI	METALLIX		LG	GE	50 s	AF	M4	-	----	--	22	14.0	4.0	---	---	t	SC	FF	8.0		MLI	Most parts aluminium. 9*5h Flanged Plate with 3*5h cutout is often painted red.
MLO1	MÉTALLO [1]		RT	BE		L				--	20	---	---		4	p	-	---		MLO1	Rods joined by various Couplings. Another MCS of this name reported, but no details.	
MLO2	MÉTALLO [2]		SH	MA	DE	30 s	F				38 e	80 a	12.5	4			HC			MLO2	Made by same firm as D.V.s INGENIØR. Many parts similar to MÄRKLIN but unusual Flanged Plates (9*7, & 5*7 Z-section), Railings with X bracing, etc.	
M-L	MÉTALLO-BILER		OO																	M-L	Name only.	
M-O	MÉTALLO-MOTOR		OO																	M-O	Name only.	
M-T	MÉTALLO-TECHNIC		RT	FR	50 e-- 60 s	F	* 3x.6	d	3x.6	--	24 a	20.0	3.1	3.0	3.02	HR	FF	5.0	5.6	M-T	Dble Clamps join pairs of Rods, w Str, Brkts to connect them. Data fr pts said to be LE MÉTALLO - are they same? The pts look sim but Ply is *A, & all M-T pts said to be steel.	

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	Parts	Pitch	dST	dBS	DAXL	J NB	F MF	K A/F	DHD	REF	L plus some A-J COMMENTS	
M T	METALLO TRIGON		NM	GE	13 --- 26 c	F	M3	s	M2	* --	35	12.5 *	3.2 *	2.9	2.85	HH	* FF	* 6.0 *	6.0 *	M T	Clamping NBW join Triangles edge-to-edge. * & 2.4x.65 Set Screw. *12.0 in some pts, 8/8.5 for DAS outer h. *Typ but to 3.4, & 2.9 also. ****& HR FB 6.3 6.0. May also be FN.	
MLS	METALLUS		MA	GE	00 --- 04 +	F	M4				1000 c	12.7								MLS	Large range of parts, and some sets using them. Mostly similar to MÄRKLIN at first but now many other parts, some original. TEMSI parts in some sets.	
MMS	METALMASTER		OO	UK	47 k															MMS	Small ad in G&T 11/47 but name only with no details.	
MLS	METAL MASTER		NM	US	44 k		L													MLS	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. 9 small sets (one model each) with parts that look like POLYLONG. 4 other sets for military models may have same name.	
MLM	METAL MECHANIC		CK	CN	04 k															MLM	Name changed to OPSET METALMEC.	
	METALMEC OPSET																					
MLR	MÉTALOR		SH	BE	50 s							12.0	3.5			HC				MLR	Parts are stamped METALOR/BELGIUM. In some Angle & Flat Girders only some holes are elongated. Stays (might be wire with end loops) as well as Strips.	
M-X	META-LOXO		RT	UK	14 ---	wA				--										M-X	Cane Strips and aluminium Unions. Probably no threaded parts.	
MLK	METALTECNIK		CK	HU ?		Fp						10 p								MLK	Parts look like CONSTRUCTION, including yellow Windmill Sails, but different black Motor & Battery Box.	
MLU	MÉTALU *	GE	NM	FR	40 -- 50 s		----		----	--		---				--	--	---	---	MLU	*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.	
MTK	METALWORK		MP	UK	46	Ap ?	1/8W	d	1/8W	40	49	12.7	4.0	3.9	3.91	SC	FB	6.4	4.7	MTK	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].	
MWS	METAL WORKSHOP		DY	US	37 c?	F					6									MWS	Ebay set shows Tool rather like JUNEERO plus Rod, Strip, Wheel, N&B.	
MTM	METAMECH		SH	IN	95 k	Fp	M4	p	----	--	30	10.0	4.3	3.9 *	3.94	HC	FD	7.0	6.6	MTM	Parts/set very similar to META BUILD Junior except colour. *Bore of push-on Sleeve (no bosses).	
MTA	METAPLAN		HA	HU		A p				--	61	15 ^x _e				R				MTA	Many special parts for locos, carriages; some similar to TECHNOKID. Strips shown with square ends.	
MET	METEOR		SH	AS	W2 +- 70 s	F	M3	s	M3	60	150	8.0	3.5	3.5	3.37	HT	FF	5.4	5.5	MET	Parts are basically scaled down MÄRKLIN; models in manual are as 1930s MÄRKLIN. * 1930s also suggested.	
MEU	METEOR AUTOBAU		CR	AS	W2 +- 60 c	F	M3	s	M3	--	46	8.0	3.5	3.5	3.37	HT	FF	5.4	5.5	MEU	Mostly standard parts or variants thereof. METEOR data quoted.	
M K	METEOR ELEKTRO		ES	AS	30 sp- 60 sp	F	M3					8.0	3.5							M K	Standard METEOR parts plus special electrical parts that look similar, but not identical, to scaled down MÄRKLIN ELEX.	
MBD	METTABUILD		BD	UK	29 --- 31 p	F	----	-	----	--	35	---	---			--	--	---	---	MBD	Frame parts slot together & panels slot in.	
MEW	MEWEKA		DY	GE	53 --- 60 c	A														MEW	Hand press with different heads, and indexing device.	
MEX	MEX		LG	UK	33 --- 35 k	F	.140x32	* e	----	--	14	13.0 *	3.6	4.5	---	t	HT	FB	6.4	6.2	MEX	Parts joined by N&B & by slots half way across Strips, etc. *Needs confirming, & N&B dimensions. * 9.5 in Disc.
MFC	M F C		TR	GE E	50 s	A p					44 ?									MFC	Combination of TRIX-type & MECCANO-type parts. Probably same as, or similar to, M K A [1].	
MKY	MICKEY MOUSE		MP	US	47 k*	A	8-32	s	6-32	--	18	12.7 *	4.8		3.95	SR	F	8.7		MKY	Basically repackaged LYNNCRAFT sets. * Copyright date on model sheet. * Mostly, but also 3/8", 3/4", & others	
MMG	MICRO-MECANO "GUINA"		MB	SP	35 --- 39	F	----	-	----	--	13	15.0	2.1	---	2.03	--	--	---	---	MMG	Name on Model Sheet; no name on the only box lid known. May be called GUINA in MCS/NZ. Strips & Flgd Plates up to 5h long held by Rods with push-on plastic Washers.	
M M	MICUL MECANIC		MP	RO	---	70 s														M M	The unusual parts in a Helicopter in MCS are a Flgd Plate & a Flgd Sector Plate that looks 7h long, both with slotted holes in the flanges, & DAS with slotted holes in the lugs.	
MIG	MIGNON		SH	GE	45 --- 53	A *	2.6x.45	s	2.6x.45	32 *	150	6.0	3.1	3.1	3.00	HC	BN	4.5	4.0	MIG	Attractive, unusual parts, anodised, with Plates, Wheels, etc in bright colours. * Some early parts steel, nickel plated. * Mod .8.	
MGS	MIGROS	SK	MP	SW	69 --- *	A	5/32W	d	5/32W	--	28	12.7	4	4.1 p	4.0	HT	BB	7.0	5.5	MGS	Set made by Stokys for Migros store. Parts as STOKYS save rectangular section Strips, yellow Flexible Plate, red Pulleys. * Didn't last long.	
MIK	MIKRONO KONSTRUKTIONSSPIEL		OO	GE	18 ---															MIK	Ref: EZ p179. Earlier names (from 1916?): ROSETTA, PYTHAGORAS, both plus KONSTRUKTIONSSPIEL. No details, but parts may be wooden.	

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	Parts	Pitch	dST	dBS	DAXL	J NB	F MF	K A/F	DHD	REF	L plus some A-J COMMENTS	
MOT	MOTEC		MA	GE	30 c					51 *	48	12.5 ?				HC				MOT	Unusual pts are 5*7 & 5*11 Flgd Plates w no top slots; G/box Housing, Rubber Coupling; Motor w separate Mounting PI & Rev Sw. * Mod .5 exactly if hole spacing is 12.5mm.	
MJY	MOUNTJOY		ML	SA						--	40 *	12.7 p				S				MJY	Unusual parts are 7h Trunnions, & all Flex (?) Plates fully perforated: 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				21 *	13.0	4.3 m			ST	FN	8.0	6.7 *	MOW	Made in British Zone after WW2. Parts in models inc 2,3,5,7,8,11,12,20h Strips. Some others have STABIL look, including Gears. * In the 2 models seen. * 4.2-4.4. * Also 7.0.	
MRM	MR MECHANIC		MM	IN	98 k	F	5/32W	d	5/32W	--	30	12.7	4.2	4.1 m	3.94	HC	FI	7.9	6.9	MRM	9h long MÄRKLIN Flgd Plate, unusual Trunnions.	
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	MULTIMECOS		OO	FR	50 s															MUC	Said to include Curved Rods & many parts with tapped holes.	
MMR	MULTIMOTEUR		ES	FR	30 -- 40	FB	2-4.5mm	*			34 *	198	18.0	4.6	---	3			*	*	MMR	Parts includes some mechanical but mainly electrical & for Motors. * 2,2.5,3,M4.5mm. * Mod .75. ** Several threads, heads, etc.
MMO	MULTIMOTORE		ES	IT	47 c	FB	2-4.5mm	*			34 *	198	18.0	4.5	---	3			*	*	MMO	Italian version of MULTIMOTEUR made by G.E.M.M.A., but fewer sets, so perhaps fewer parts. Data fr MMR. * 2,2.5,3,M4.5mm. * Mod .75. ** Several threads, heads, etc.
MUS	MUSALA (MUSZALA in MCS/NZ)		ME	BU	80 sk					--	37	10.0	4 ?			HC				MUS	Parts look identical to MERKUR.	
MWK	MWK		SH	GE	E W2 a - 50 c?	A					*	36 a	12.1	4.1		t H				MWK	Parts include Perf Plates 3*11h & 7*11h; Trapezoidal Plate with 3,5,7h rows; 28 & 62mm Pulley Wheels; * 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	4.06 p					NECa	Early phase with parts to PN 140 and * Mod.1 Gears.	
NECb	NECOBO [b]		MM	NE	---	60 s*	F				38	201	12.7	4.5		HR				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 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	Gears etc marked N-G-NEERO MADE IN ENGLAND. Parts like FORGEACIER but not 3" Ply. *4BA on some parts like Threaded Pin. ****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	4.73	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		3.0 *	--	--	---	---	NME	MECHANICAL. Set ME 1200, identical to PHILIPS ME 1200. No Norelco equivalents of other Philips sets are known. * Mod 1.67. * Also 2mm.	
NSV	N.S.V.		OO	NE																NSV	No other details.	
OKH	OKEH - Der Kleine Baumeister		OO	GE	50s	L														OKH	Made by Max Pistor, reference <i>Baukästen</i> p293.	
OLY	OLYMPIA		SH	GE	E 49 --- 55	F	M2	d	M2	--	36	7.0	2.2	2.1	2.00	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	3.96	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 green/red. ** Or 4BA in both. * RH also known, same Ø or 6.7.	
	ONbitOB																				Name used for ELEKTROMECHANISKAIS KONSTRUKTORS in MCS.	
O L	OPSET LETRIXMEC		ES	IT		L				--		12.7 p								O L	Some parts like OPSET METALMEC, plus specials including 11*5h Flgd Plate with additional 5*3h of 10mm Ø, either replacing holes or in middle of square groups of 4 holes.	
O M	OPSET METALMEC		ML	IT	---	70 +	F	M4	s	M4	--	42 *	12.7	4.1	4.1	4.00	HC	FK	8.0	6.8	O M	4-spoke 3" Pulleys; 1" Pulleys have rubber inserts to hold them. * In Set 5.
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.	
ORS	ORSTA		CK	GE	E 90 k*- 92 p	F	M4	* s		--	27	10.0	4.2		3.99	HC	FN	6.9	6.9	ORS	2 Sets, Modelltechnik P01, P02, with pneumatic components & CONSTRUCTION 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	---	---		---	--	--	---	---	PDC	Gears Accessory Set. Gears don't mesh at 1" centres.	

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	Parts	Pitch	dST	dBS	DAXL	J NB	F MF	K A/F	DHD	REF	L plus some A-J COMMENTS	
PAJ	PAJTAS		ES	HU	62 c					--	78	12.7 ?					HR			PAJ	Std pts inc MÄRKLIN-type 5*11h Flgd Plate, 21h A/G w all sltd holes, 7h Trunnion w side holes sltd. Dedicated pts inc Motor Armature, Coil, Lamp Holder, Reflector, U Magnet.	
PAL	PALIKIT		UK	UK	50 s-- 64	Fp	* 4BA	d		--	35	12.7	3.9	3.9	3.66	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.	
PIM	PEQUENO 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 NOËL																			P N	See AÉRO TECHNIQUE MACREZ	
PER	PERFECTOR		LG	AS	47 --- 50 s*	F	----	*	----	--	40	15.0	5 e*	*	*	--	--	---	---	PER	*Last possible date. *No boss but bore has recess to take driving dog. *Alternate holes smaller w side slots - pts joined by flat Clip pushed thru these slots & turned. **2 - 3mm Ø.	
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 +p	F		t		--	14 *	12.5	4.2		3.9	SC	*			PDA	Parts in Nr.0 set known include thin 3-11h Strips & 5*5,11h Flanged Plates. * About in Nr.0. *Leaflet shows RH Bolt in boss.	
PFS	PFIFVICUS		SH	GE	30 s	F		-	----	--	17 +	12.5	4.5	---	---	t				PFS	Parts include DAS, SAS, 3*7h Perf Plate, & small near triangular Windmill Sail.	
PHA	PHANTASIE		LG	GE	23 --- 36	F	----	p	----	--	21	15.0	5.1	5.1	5.2	* --	* FT	* ---	---	PHA	Parts mostly Strips & DAS. * Nominal size of rolled, thin walled tubular Axle. ** Strips joined by a Clip held by a Wedge.	
PME	PHILIPS	PH	PH	NE	60 s	p	----	c	----	15 *	61	15.0	5.0		2.98	* --	--	---	---	PME	Sets: MECHANICAL ENGINEER ME 1200, & later ME 1201; COMPACT MECHANICAL ENGINEER ME 1250. ME 1200 as NORELCO ME 1200. * Mod 1.67. * Also 1.98mm.	
PIC	PIC		OO																	PIC	Name only.	
P E	PICO ELEKTRIK		ES	GE	70 s-- 80 s															P E	Described as looking like a 1970/80s version of ELEKTRO.	
P S	PIENI SAHKÖTEKNIKKO		ES	FI	99 k															P S	Finnish name for MEHANO(TEHNIKA) Electrical set, q.v.	
PKO	PIKO		ES	GE E	50 s? 60 s?	Ap	M3	-	----	--	44	10.0	3.2 *	4.1 *	2.99	HC	FQ	5.5	5.4	PKO	Same or sim to DKE & prob later. A few Str, Brkt used w plas Flgd Pl & elec pts (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	1.50 *	--	--	---	---	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. *& 1/4". *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 1/4" sq with 1/2" 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	3.66	SR	FB	7.8	6.4	PIO	As VOGUE but fewer parts. Dimensions assumed as VOGUE.	
PNR	PIONIER		MA	GE	55 --- 60 k	F	M4	s	M3	15 *	43	12.7 *	4.3	4.1	4.00 *	HC	FK	7.0	7.0	PNR	Pale green & black pts. Unusual pts are Windmill Sail w alt 1 & 2 Xwise slots at 1/4" pitch; & a flat S Hook. *Approx DP of MÄRKLIN type Gear Rings. *12.75 in pts seen. *& 3.95.	
P R	PIONIER CONSTRUCTOR		LG ?	RO	60 s?	L	M4		M4	--	33	12.8 *				HR				P R	Strips & Flgd Plates. May be like PIONIERUL CONSTRUCTOR. *If like PIONIERUL CONSTRUCTOR (as given in MCS).	
P C	PIONIERUL CONSTRUCTOR		LG	RO	70 s	L						12.8	4.1							P C	Truck in MCS shows Strips, DAS, Flgd Sector Plate, Pulleys/Tyres, & Bush Wheel.	
PIR	PIONIR		BD	GE	03 --- 05	L														PIR	Yellow & red panels fit between black Strip, Angle framework.	
PIT	PITT	MK	ST	GE	48 c-- 65	F	M3	-		--	30	12.5	3.4	---	---	t	HT	FN	5.4	5.4	PIT	Strips have alternate holes & slots. Same maker as DUX, & DUX on Spanner.
PLA	PLANO		LG	IN	61 c-- 90	F	1/8W	d	1/8W	38	99	13.0 *	3.8 *	4.2 *	3.20 *	HR	* FF	6.3 m	5.0 m	PLA	MECCANO look but different hole pitch & diameter. *Some parts down to 12.8. *3.65-3.95. Also 4.2 in some 'better' parts. *Some 4.3. *3.58 in another Set. *HC in Manuals.	
PLT	PLASTICART, PLASTIKART		LG	GE E	60 cp- 80 s	F	M4	d	M4	25 *	70	12.8	4.2	4.0	3.95	HP	FN	6.9	8.0	PLT	Other names said to be used for BURGSTÄDTER. Data from BURGSTÄDTER. * Mod 1.	
PSN	PLASTICON		SH	GE E	80 m?- 87 c	F	M4	d	M4	25 *	71	10.0	4.2	4.0 *	3.95	HA	FN	* 6.9	7.9	PSN	Made by the same firm as BURGSTÄDTER & parts 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).	
PLY	POLYLONG		CK	CN	03 +	F	M4	p	----	-- *	50 a	10.0	4.2	---	4.01	Hp	FQ	6.9	6.5	PLY	Sets called CONSTRUCTION, COMBINED TOYS, COMBINED EXCELLED, RACING names. See also TANK, ROO, MLA, MLT, MLM, MHK2, MIH. Most pts as CNN1 but some others. *Fine-toothed Gears for Motor/Gear Unit.	

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	Parts	I Pitch	dST	dBS	DAXL	J NB	F MF	K A/F	DHD	REF	L plus some A-J COMMENTS	
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, & Plates, all Blackened steel, to make Bridges. *RH Bolts in manual.	
PFX	PONTIFEX		SH	GE	W2 +	FA	M4	-	----	--	24	10.0 x	4.3	---	3.95	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 CH. * Some may have brass finish.	
	POW'R HOUSE																				See KELMAR.	
PRM	PREMIER		UK	UK	50 l?- 60 k	F	4BA	d	4BA	--	63	12.7	4.6 m	4.0	3.96	SR	* FF	7.9	6.3	PRM	Unusual Perf & Flgd Plates. ** SC BB 7.9 6.2 may also be found. Manual shows RH & CH Bolts & small hex Nuts.	
P-F	PRESS-FIX		UK	UK	50 s-- 57		----	-	----	--	14	12.7 p				--	--	---	---	P-F	Some parts painted more than one colour. Fastening is plastic plug into washer. Wheels probably push-fit.	
PCN	PRESTACON		DY	UK	47 --- 50	A	1/8W	p d *	1/8W	38	81	12.7 w		3.3	3.2	SR	* FF	6.4 *	4.8 *	PCN	PRESTACON on Tyres. * Road Wheels s/t. * Hex Nuts shown in some illustrations. ** 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 *	3.96	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 *	4.04	SC		6.3		PMC	Manual shows bodies from standard & DIY parts. * Or 5BA?, though 7BA Set Screw shown. * Double Gear 4.88.	
P W	PRINCE WILLIAM		CR	NM	UK	50 ep	F	4BA	-	----	--	20 *	Var	3.9	6.4	6.29	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: Baukästen p296 - intended for model building in schools.	
PRO	PROTO		PR	UK	60 --- 98 **	F	M3	d *	M3	36	103	14.0 x	3.5	6.0 *	6.0 *	HC	* FN			PRO	Basic structural elements are A/G with long slots in both flanges, & 4mm Rods. *Company exists in 04 but not sure about product. *Often at 120°. **Also 4mm. *Some pan head.	
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	1.74	--	--	---	---	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														PYG	Different lengths of Braced Girders joined with 3h long A/Gs. An octagonal Plate, Wheel, & Gear can also be seen in a model.	
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	F	M3.5p	s	M3.5	33 *	44 +	7.8 p	3.6 p	3.6		t	HC	S		QGP1	Sets with this name sold by Quelle, a mail order house, & have TRIX in small letters on them. Assumed as TRIX [1d]. * For old gears.	
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	CONSTRUCTION parts/sets?, perhaps 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 & woman on lid.	
RCG	RACING		CK	CN	04 k	L														RCG	Several small POLYLONG sets for a Racing Car each, have just this name on their lids. See POLYLONG for details.	
R S	RADIO SHACK																			R S	ERECTOR & MEKSTRUCT sets with RADIO SHACK name on them as well. Are any sets special to R S?	
RCD	RECORD		MP	GE	50 e	L	M4, M8		M3	--	52	12.7 a	4			HR				RCD	Parts include Strips, Brackets, 9h Ø Plate, & special parts for large Roundabout.	
RKD	REKORD		LG			F						13.0	5.0							RKD	Parts look like ZICK-ZACK [2] & from same maker. Data assumed as Z-Z2.	
REX	REX		ML	SD	W1 bp	L														REX	Known from Tower Bridge on box lid which looks like MECCANO. Post WW1, sets with MÄRKLIN like parts, called MÄRKLIN-REX, were sold.	
RHO	RHOCANO		ML	RH	75 ck	F	M4	d	M4	--	26 *	12.7	4.3	4.0	3.94	ST	FD	7.4	6.7	RHO	Parts similar to MECCANO but fully perforated 188; 4h 24; 5h 126.a; etc. *In (only known) Set 101.	
RIG	RIAG		TR	GE	40 l															RIG	Simple system with unusual hole pattern, like ZICK-ZACK [1]. No other details.	

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	Parts	Pitch	dST	dBS	DAXL	J NB	F MF	K A/F	DHD	REF	L plus some A-J COMMENTS	
ROO	RIG OUT ONESELF R.M.		CK	CN	04 k															ROO	4 small sets, 1 w model identical to METALLICA. Also 2 sets w MECHANIH 2nd name for military models as those noted as ? for METAL MECHANIC. Pts look like POLYLONG. Name changed to CONSTRUCTIONS R.M.	
RBA	ROBA	FL	RT	GE	32 ---						29 ?									RBA	Tubes used to make skeletal models. Also sold as FANTASIE 'R'.	
RDS	ROBBEDOES	TE	ML	BE																RDS	See SPIROU.	
ROB	ROBO		RT	GE	50 s-- 60 k	Fw	----	-	M4	* --	12	25 a	4.1 *	4.2	3.95	--	--	---	---	ROB	Wood Blocks w Rods joined by J Clamps. Also called BAUKERL ROBO. Looks very like EL INGENIERO MECANICO. & see LIL'N-GINEER. *J Clamp Grub Screw. *In Blocks.	
RCO	ROCO		RT	GE	49 ---	A														RCO	Baukästen, p300, says aluminium Tubes with no N&B or pins.	
ROD	RODOPI		TR	BU	77 k	F	M4	-	----	--	20	8.0	4.2 m	---	---	t	HC	* FN	6.9	7.0 *	ROD	Originally listed as Russian. Design of parts is like German TRIX. ** R head 6.7 also found in set.
R K	ROSETTA KONSTRUKTIONSSPIEL		OO	GE	16 ?--															R K	Ref. EZ p179. Other names MIKRONO & PYTHAGORAS, both followed by KONSTRUKTIONSSPIEL. No details, but parts may be wooden.	
RUR	RUR		SH	GE	W2 a	F		t		--	20	12.0	3.6 m			HC				RUR	Conventional parts but Figd Plate braced & some parts coppered.	
R M	RUSSIAN MECCANO *		SH	RS	04 k*	F	M4	o	----	--	27	10.0	4.4	4.5 a	---	t	HC	FD	6.9	6.9	R M	Parts look like KVT sf 4h Trunnion, & data assumed the same. *The only name seen, on manual: Russian Meccano N2. *Set seen unused but new?. *4.8 in Bush Whl.
SSM	SACHSENMEISTER		SH	GE	E 48 --- 55	FA						7.5	3.3							SSM	Included Gears/Motor, & Tractor sets with special parts but same hole pitch/dia.	
SAG	SAGESSE	WS	CH	CN	82 k-- 94 +	F	M4	s	M4	--	46	12.5	4.4	4.2	4.01 *	HR	FN	6.9	6.8	SAG	Name used in French markets for WISDOM. * Also 2.62mm for Wheels 015.	
SGT	SAG Tatschmasch *		OO	GE	E 46 --- 52	A														SGT	* Probably the maker's name. Ref. Baukästen p316.	
SKO	SAKO		SH	GE	50 s?	F	M4	s	* M4	--	20 a	10.0	4.1	4.1	3.98	HC	FD	6.9	6.9	SKO	Dull plated parts including 39mm Disc with 'square' pattern holes. Lid design similar to SAKOLI. * But clearance hole right through.	
SAK	SAKOLI		SH	p GE		F	p					10.0 ?								SAK	Lid design similar to SAKO but shows larger models. May be like SAKO but with more parts - an Accessory set pic shows A/Gs, Tyres, 9(ish) hole Ø Discs.	
SAT	SATURN		SH	GE	50 e*	FA						12.0	4.1							SAT	No.2 box lid in EZ shows what may be a simple vehicle made of Strips etc. *Baukästen has c1946-48.	
SAX	SAXONIA		OO	GE	62															SAX	Ref. Baukästen p275, a set for agricultural machines.	
SCH	SCHEFFLERS		LG	GE	E 55 --- 70 c*	F	M4	d	M4	25 *	69	12.8 *	4.2	4.0	3.95	HC	* FN	* 6.9	5.9	SCH	Called METALL-BAUKASTEN in 70s, *but all dates need confirming: pts identical & PNs/sets same. *Mod 1, & Mod 2 gear-like Spkt. *MCS 12.87. *HR also reported. *Nut FK.	
S&C	SCHMIDT & CO		OO	GE	27															S&C	Maker, in Berlin, from Baukästen, p304.	
SHO	SCHUCO		ME	GE	01 ---	F	M3.5					10.0	3.9			HC				SHO	10 Junior Technic sets which appear to be repackaged MERKUR. MERKUR data quoted.	
SUN	SCHUMANN		OO																	SUN	Name only.	
SKA	SCHWERKA		MA	GE	46 --- 48	A	* M4	-	----	--	26 *	12.7	4.1	---	---	t*	HR	FP	p	SKA	Data fr a #1 set. Parts inc 12h Windmill Blade & poss 15h Strip in Crane on box lid. *Some steel pts in another #1 set, prob by diff maker. *In #1 set. *or Axles w threaded ends.	
S D	SCIENTIFIC BOUWDOOS		MA	NE	22 a -							28	12.7 p			HC				S D	Models, pts, PNs in MCS are as a '20 MÄRKLIN manual, sf PN44 which is as a 1922 one. A set seen has r/g parts but how genuine? Almost certainly a MÄRKLIN connection.	
SEL	SEL'KHOZTEKHNIKA		SH	RS	70 s-- 80 s	L	M4	p	p	--	38	10.0	4.3		4	HC				SEL	Unusual size Flanged Plates; Tractor Tyres, Hubs; C/W Motor.	
S K	SERVO KITS		OO	UK	?															S K	Name only.	
SAF	SEYMOUR AIRPLANE FACTORY		AS	US		F														SAF	Photo shows METALCRAFT 810 models, & instructions for same headed Seymour Airplane Factory.	
SCO	SICO	KM	NM	?	GE	32 ---	Lw			--										SCO	One type of wooden Block held in metal Frames. Ref: Eisenzeit p180. Same maker as KEIM.	
SMN	SIEMENS		ES	GE	33 ---	Fw					78 a	50.0 *								SMN	Probably parts, many special, to make Bell, Motor, etc, mounted on wooden Base Board. *Not sure what part(s) this applies to.	
SPX	SIMPLEX		BX	GE	32 /33 -	F														SPX	Probably the same as BAUFIX.	
SIM	SIMPLICO		RT	UK	14 k	F														SIM	Models look rather like STRUCTATOR but Dec. '13 patent has split Rods pushing onto Pins screwed into tapped Hubs (or into hollow Pins). Ad in G&T 10/14 but not thereafter.	

REF	CODES (A for single columns)	B	C	D	E	F	G	H	G	I	J	F	K	L	L plus some A-J							
REF	NAME	Mfr	TYPE	CY	-DATES-	Matl	THREAD	BS--	THR'D	DP	Parts	Pitch	dST	dBS	DAXL	NB	MF	A/F	DHD	REF	COMMENTS	
S M	SIMPLIFIED MECHANICS	MC	MC	UK	07 c	F	5/32W	k		38	37	12.7				SC				S M	MME under another name, so Strips have square ends & turned over edges, and Wheels held with special Clips.	
SKP	SKIPPER TOY		NM	US	38 k	F	8-32	-	----	--	20	12.7 *	4.3		---	SR	FN			SKP	Parts as MODERN-MORECRAFT [b]. * 12.7x, also 1/3" & others.	
S-S	SKY-SCRAPER		MP	US	W2 a?	A	6-32			--	20	12.7	3.5			SR	* FF	8.0	6.1	S-S	3/8" wide Strips, rubber Wheels, & 5 Plates, various. * Also hex, same A/F.	
SNP	SNAPSTICKS		RT	UK	48 k	F		-		--	6	---	---	10.1	9.5	a --	--	---	---	SNP	A small set was advertised, probably with KLIPTIKO parts. Relevant data from KLIPTIKO.	
SLD	SOLID		LG	GE	p	F		-	----	--	15 *	15 e				t	SC			SLD	Details from German language leaflet. *In smallest (Knirps) set - 3*5h Figd Plate, Strips, Brackets, Wheel Disc, Pulley Disc. 2 larger sets, Kadett & Primus, but no details.	
SDO	SOLIDO		NM	p	FR	P		F	p											SDO	Ebay pics shown dull grey Strips with rectangular slotted holes (except round end holes), & wire 'Ladders'.	
SON	SONNEBERGER		SH	GE	E 48 --- 71 +	A	M4	s	M3	17 *	49	10.0	4.2 *	4.1	3.99	HF	* FF	* 7.0	8.0	SON	Also in MCS as VEB INJECTA, the mfr fr 1956. Parts inc 8,9,10,14,18h Strips; 8,18h Dble Strips; 9,18h A/Gs. *Mod 1.5. *Also 5.4. * FJ for Nut. * FN 6.9 6.9 for Pionier set.	
SPD	SPEDICON		RT	UK	45 --- 47 *	A	4BA	-	4BA	* --	32	Var	4.0	6.6	6.35	CC	* AA	8.1	8.1	SPD	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.	
SPI	SPIROU/ROBBEDOES *	TE	ML	BE	50 l?- 70 s		M4			38	84	12.7 *	4.2			HC				SPI	* Bilingual names. The illustrated parts are as those of TEMSI and BCM. * May be 12.73 in 25h Strip & other parts.	
SGR	SPRANGER		SH	GE	33 c*- 55 c*	Fw					40 *	12.0	3.9							SGR	Wood & nickel or tin plated metal parts. The Pulleys have brass plated steel bosses. **Probably for the maker, not the system. *Inc 16 wooden.	
SBA1	STABA [1]		SH	GE	E 48 --- 66 +	F	M3	s	M3	34 *	60 a	12.0	3.1	3.1	3.0*	t	HT	FN	* 5.5	5.4	SBA1	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.
SBA2	STABA [2]		NM	GE	49 --- 54	F	* M4	s	M4	*	81	Var *	4.1 *	4.1	3.5 *	HR	* FN	7.1	6.8 *	SBA2	Strips slotted full length. * Aluminium? Plates. * Bevel only. * Probably 15mm in Figd Plate. * Typical, up to 4.3. * M4 threaded ends. ** Also Bolts D, 8.1; C, 7.0.	
STA	STABIL	WA	ST	GE	10 c-- 72	Fw	5/32W		5/32W	14 *	204 *	12.5	4.2 m	4.1 *	3.80	t	HC	FB	7.5	6.2	STA	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.
SLA	STABILA	WA	ST	GE	33 --- W2	F	* 5/32W	-	----	--	43	12.5	4.2 *		---	t				SLA	Metal frameworks, including STABIL & some special parts, woven with wool. * And Wool. * Plus some small holes.	
STL	STABIL-ELECTRIC		ES	GE	33	Fp	5/32W	-	----	--		12.5	4			HC				STL	2 sets advertised in 1933 but probably never on sale. If they were, probably as ELECTRIC sets 1 & 2.	
SBO	STABILO		OO																	SBO	Name only.	
SUS	STABILUS		SH	GE	? 03 k	L														SUS	Small set to make a Xmas Tree similar to a BRAL model but different top & 3&3h Flanged Plate as base.	
SFA	STAFA		NM	? GE	40 l															SFA	May have preceded STABA [2], see <i>Baukästen</i> p264.	
S T	STAHLBAU TECHNIK																			S T	See THALE STAHLBAU TECHNIK	
S-K	STAHL(O)-KLEMM *		RT	AS		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	3.96	HC	BN	6.0	5.5	SLR	Pts 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	3.00 *	--	--	---	---	SLO	More elaborate than DINKY BUILDER with somewhat larger parts. * In centre of 'braced' Plates. * Also 2.95.	
SAR	STAR		ML	* IT		F		t												SAR	Parts generally look like MECCANO but 6 point decorative star holes replace outer vee cutouts in BRAL-style Braced Girder. * May not be 1/2" pitch.	
STI	STATI		OO	GE	66 *															STI	Made by ALKO GmbH, see <i>Baukästen</i> p229. *Firm bought out.	
S-B	STATO-BAU		SH	GE	W2 a-- 53 b						27	10.0	3.5							S-B	Slots & holes in Strips.	
S B1	STEEL BUILDER [1] *		NM	BD	US	34 --- 38 k	F	4-36	s	4-36	--	67	25.4 *	3.2	3.2	3.06	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.

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	Parts	I Pitch	dST	dBS	DAXL	J NB	F MF	K A/F	DHD	REF	L plus some A-J COMMENTS
S B2	STEEL BUILDER [2]		CH	US	04 k	F	M4		M4	--		12.2 *				* Hr	FN			S B2	As WISDOM/MECHANIX but dark grey metallic Str, silver Flgd Pl, purplish-blue plas Flex Pl, red Trunnions/Whl Hub. *Also note Pitch, the pts same outer size. C/W Motor smaller.
SCK	STEEL CONSTRUCTION KITS		LG	KO	89 k	Fp	M4	p	----		42 *	14.0	4.2 *	---	4.00 *	Hd	FI	6.9	6.9	SCK	7 Kits known. Sold in Canada for 1 year. Most parts very like DELTAX. * At least. * A few 4.7 for hex 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	Strips have alternate holes & .5" long slots. * 4.3 in Flgd Plate, Curved Strips, & other parts - maybe all (paint), but 4.1 also possible.
S E2	STEEL ENGINEERING [2]	GT	ER	US	29 --- 32 *															S E2	Name said 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	3.99	Sd *	FQ	6.4	6.5	S C	Most metal pts as MECCANO, or variations, & stamped REMCO or STEEL TEC. *Many plas, some metal, special pts in some sets. *In the 6 '92 sets, many more later. *Allen head.
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	----	--	100 a	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.
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	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	3.91	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	03 k-- 04 k	F	M4	s	M4	--	47	12.2	4.4	4.2	4.02 *	Hb *	FN	6.9	6.5 m	SHL	Blue, orange, white, nickel parts, many sim WISDOM etc, some identical. But diff pitch, the parts same size o/a. cf S B2. * & 2.61 for push-on Road Wheels. *r head for long Bolts.
STO	STOKYS	SK	MP	SW	42 --- 04 +	A	5/32W	* d	5/32W *	38	280 *	12.7	4.1	4.1	4.00	HT	BB *	7.0	5.5 *	STO	Pulleys anodised in colour. Strips with raised edges. Most parts stamped STOKYS. ** Changed to M4 in 1988. * 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.
SCN	STRICON		LG	NE	40 l	F	1/8W	* -	----	--	34	14.0	3.9		---	t HR	FF *	6.0	5.4	SCN	Parts rather like STRUC. * Or M3. * 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	3.73	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.
STR	STRUCTATOR		RT	GE	13 --- 17 *	FA *		o	----	--	116						*			STR	Also called BING'S CONSTRUCTOR, & see TECHNICO/TECHNIKO. Rods w spring loaded Unions. *UK ads till '24.*& wood Base Boards.*Used only to attach model to Base.
STX	STRUCTEX		MP	BE	50 s	A p					112									STX	Manual cover shows slightly unusual looking MECCANO-style parts, inc 5*6h Plate, Bevel, & Sprocket.
STU	STRUCTO		MP	US	13 --- 19	F	8-32	d	6-32	16	79	12.7	4.3 *	4.2	4.10 *	SF	FN	6.4	6.8	STU	Pulleys & Gears are cast. Shafts have small groove along them. * 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	4.05	SR	F	8.5	7	SMD	Unusual design of Windmill Sail, & Braced Girder (but some M-like). * 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	--	15 a	Var	3.0 *	3.2	3.15	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, with alt holes & long slots. *Basic spacing 5/8" exactly; 25/16" in Slotted Strips. *Mean for Whls with no boss. *Hex Nuts earlier. *May also be nickel plated.
S L	STUDIO ELEKTRIK		ES	GE	p															S L	Nothing beyond the name at present, but a manual with a Crane made from Strips & just STUDIO on it has also been seen.

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	Parts	Pitch	dST	dBS	DAXL	J NB	F MF	K A/F	DHD	REF	L plus some A-J COMMENTS	
S Y	SUNNY TOY		ML	AL		F	5/32W			--		12.7	4.3							S Y	A shrink-wrapped set containing a small selection of BUZ parts, sold only through chain stores. BUZ date used.	
SUP	SUPERSONIC		AS	UK	50 s	F				--	24	25.4 *	4.2 *			SR				SUP	Previously included in DAN DARE. * Also 1 1/4", 2" & others. * Generally, some up to 4.6mm.	
SVI	SV INGENIØR		OO																		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.	
TAN	TANK		CK	CN p	04 k															TAN	Small set with parts like POLYLONG.	
T-S	TAN-SAD		RT	UK	22	F	----			* --	20 e	---	---			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	3.99	HC	FN	6.9	6.9	TCC1	CONSTRUCTION parts in 4 Sets packed for Bart Smit store.
TCC2	TECC [2]	ME	ME	NE	91 ---	94 +	F	M3.5	s	M3.M4	30	112	10.0	3.9	3.8	3.73	HC	FQ	5.9	6.0	TCC2	MERKUR parts in sets packed for Bart Smit store.
TMR	TECHMASTER		MP	US		F	* 6-32	-	----	--	26 a	12.7	3.9 *	3.5	3.00 *	SR *	AA *	8.0 *	5.3	TMR	Shallow Channels aid strips, A/Gs, Brkts. *A few aluminium, wood Spool, plus Whls. *Channels, 4.5 in Brkts. *M19, no Axles. *Some Bolts X-head, csk. *Bolts FN. *Also 9mm.	
TNA	TECHNIA		OO	GE	30 s?															TNA	No other details.	
TNC	TECHNIC		OO	FR	39	F														TNC	Steel parts nickel plated, but wooden Wheels.	
T K	TECHNICAL KID	KO	ES	GE	52 k	V				--	63	Var								T K	Mainly special parts for science experiments. A Kosmos set.	
T R	TECHNICAL TRAINER		RT	US	46 k	A	1/4"-20	-	----	--	17	Var	6.4 a	6.3 *	6.35	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 acorn Nuts? **7/16" nominal.	
T/T	TECHNICO/TECHNIKO		RT	GE	19 ---	21														T/T	Ref: EZ. STRUCTATOR made by Adolf Huck.	
TNK	TECHNIK		OO	GE	W2 +-	50 e*	FA						3.9							TNK	Is this the set in photo in EZ Pl.60, or the TECHNIK-METALBAUKASTEN WESTFALIA mentioned in EZ? *1947-49 in <i>Baukästen</i> .	
TKS1	TECHNIKUS [1]		OO	GE	14 ---															TKS1	Name only, ref: EZ p181.	
TKS2	TECHNIKUS [2]		ST	GE E	50 s?	L	M4	-	----	--	50	12.5 p			---	t	HC	S		TKS2	Parts look very much like STABIL.	
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.	
TNO3	TECHNO [3]		TR	CA		F	6-32	-	----	--	30 a	7.85	3.4		---	t	HR *	FV *	7.9	6.3 *	TNO3	Parts like TRIX but r/g & no alternate 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	----								3.5	--	--	---	TFX	Ref: <i>Eisenzeit</i> p65,181,187; UK Patent 230975 (1924). Rods push into M212 type connectors which lock into each other. 3 makers including Kosmos.	
TKD1	TECHNOKID [1]		HA	HU		A	M3	p	d	--	43	15.0	3.4	3.6	3.34					TKD1	Strips have square ends. Edges of plates slightly crenelated & fit together.	
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 *	4.06 *	SC *	FB *	8.9	6.2	TEC	Parts: have long slots, most stamped TECNIC. *Some 2nd bores not tapped. *Mod 1. *Gears & some bosses, 4.24. *3.98-4.1 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	3.92	HC	FI	7.9	7.0	TCA	MÄRKLIN copy except Hook like M57c. * 14t Universal Gear.	
TNV	TECNICAVIA		AS ?	FR	30 c															TNV	No further details.	
TCO	TECNICO		NM	SW	40 m--	50 s		2.6x.55	*		--	46	11 *	2.9	4	4.0	HH	BB	4.0	4.0	TCO	Special larger holes for Axles. Some Strips/AGs have long slots. * Needs confirming. * & multiples, but with exceptions.
TKT	TECNIKIT		UK	UK	45 ap-	F	* 3/16W	d	4BA	--	33	12.7	4.6	4.3	3.96	HR *	FF	9.9	8.1	TKT	TECNIKIT cast into alloy Pulley. Same as MECANIKIT. * Aluminium parts also exist. * Sq Nuts in one Set, same A/F.	
TCN	TECNIO		OO	FR	50 c															TCN	No other details.	
TCR	TECNOR		OO	FR																TCR	No other details.	
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. Identical to TEKNO [1].	
TEK2	TEKNIK [2]		MP	SD	64 k	F	5/32W	d	5/32W	32	92	12.7	4.2 m	4.0	4.0	SC *	FB	6.4	6.0 *	TEK2	Gears include Curved Rack. ** Longer bolts RH 7.1 Ø. N&B data need checking.	

REF	CODES (A for single columns)	B	C	D	E	F	G	H	G	I	J	F	K	L	L plus some A-J								
REF	NAME	Mfr	TYPE	CY	-DATES-	Matl	THREAD	BS--	THR'D	DP	Parts	Pitch	dST	dBS	DAXL	NB	MF	A/F	DHD	REF	COMMENTS		
TKN1	TEKNO [1]		TR	DE	31 k*	70 s	F	3.5x.8	* d	3.5x.8	36 *	76	7.86	3.6	3.6	3.45 t	HT	FB *	7.0	6.0	TKN1	Identical to TEKNIK [1]. Also a TEKNO-ELECTRO like TRIX. *Reported, but 1939 definitely 1939. *As prewar TRIX. * > 38 (35t Pinion). 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	3.95	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 +		Fq	5/32W	s	5/32W	12	137 *	13.0	3.9	4.1 m	3.80	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 to cut up in sets. *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. *Danish in MCS.
TEM	TEMSI	TE	ML	NE	48 k*	99	F	M4	d	M4	38	128 *	12.7 *	4.2	4.1	4.00	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.	
TES	TEST		SH	p	FR	50 c						30 +	*				H				TES	MECCANO-like parts except 9*5 Flgd Plate, Trunnions w some slotted holes, 19b ss slotted holes, 3*9h Perf Plate, sq corners except on Strips, etc. *May be less than 1/2".	
TEX	TEXAS		OO		SP ?		L														TEX	Mentioned as TEXAS metal construction set in MACON leaflet.	
TMB	THALE METALLBAUKASTEN	KR	MA	GE	E *		F	M4				M4	--	28	12.5 p		4	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	GE	E	46 ---	75	F	M4	d	M4	20 *	54	12.5	4.2 *	4.1	3.96	HC *	FF *	6.9	6.9	TSK	Unusual parts (Plates, Gears). Some holes patterns not as MCS, see 8/174. *Mod 1.25. * & 5.7mm holes instead of slots sometimes. *R Bolts in MCS. * & FK Nuts.
T&H	T. & H. Co.		ML	GE	20 s?*																T&H	Only a box lid known. It has KONSTRUKTIONSSPIELE on it & a model with Strips & Flgd Plates, but no indication of hole pitch. *The boy on the lid looks more '30s than '20s.	
TBB	THE BRIDGE BUILDER		MP	UK	14 ck		F				--	6 a	12.7 x	4.3			SC				TBB	Parts like MECCANO but unneeded holes omitted. MODEL BRIDGE was similar (OSN 5/85, 6/115).	
T C	THE CONSTRUCTIONEER		SH	US	46 ---	50 e	F	8-32	s	6-32	16	55	11.1 *	4.7	4.2 *	3.96	HR	FN	8.6	7.6	T C	Mainly Strips (5-15h), Flgd Plates up to 24*6h, & some dedicated parts. A few parts are marked URBANA MFG. CO. URBANA, OHIO. U.S.A. * 7/16". * A few up to 4.37.	
T E	THE ENGINEER		MP	CA	40 e?-	40 s?	F	6-32	* s	6-32	--	43 +	12.7 *	5.0 m	4.9	4.74	HR *	FD *	7.9 *	6.2 *	T E	Strips w raised edges; special pressed parts. *8-32 N&B also poss. *Also Strips w centre hole abt 17.6mm fr adjacent holes. 12.63-12.73. *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: Baukästen 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 -p		Fw				--	31 *	10.3	2.9			H=			---	TSE	WALTHER'S INGENIEUR under this name. * In Set 8.	
TIG	TIGVALE		OO	GE	?																TIG	Ref: name only in MCS.	
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	3.35	HC	FN	6.0	5.9	TIT	Parts inc 77,118mm Ø Flgd Plates; Spkts > 98mm. Flat Plate sides red/blue. *c1970 in Bk. *Mod .75, & 24 DP, Mod 1.05, to mate w Spkts. *Black parts; 3.4 in painted parts.	
T B	TOY BUILDER	GT	ER	US	13 ---	16 k	F	8-32	-	----	--	15 a	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	---	3.95 m	HC	FI	7.9	5.9	T F	5 small sets. 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	5h Strip with 3 holes & 2 diamonds.	
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	Special small set from makers of TOY TOWN [2]. 3*5h Flat Bracket, 1*1h Angle Bracket, & small Disc. * On box; model sheet has TOYTOWN. * 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 w usual small range of M-like parts (+ 15h Strips), but other parts on manual cover inc 3" Pulley. TOY TOWN [1] fr same maker has different parts.	
T M	TRANC MADERA		LG	SP	40 sk		wF		-	?	--	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	--	20 a	Var	3.0 *	3.2 m	3.05	HR *	FF	6.1	5.4	TRI	Frame sides from Flanged Triangular Frames bolted together, spaced across by narrow Plates. * Copyright date. * Also 3.2 for Axles. * Sq Nuts in Model Leaflet.	
TET	TRIC ET TRAC		OO	FR	50 e																TET	Name only.	

REF	CODES (A for single columns)	B	C	D	E	F	G	H	G	I	J	F	K	L	L plus some A-J										
REF	NAME	Mfr	TYPE	CY	-DATES-	Matl	THREAD	BS--	THRD	DP	Parts	Pitch	dST	dBS	DAXL	NB	MF	A/F	DHD	REF	COMMENTS				
VSR	VERSOR		MP	RS ?		L					30 a									VSR	Ebay pic shows bright Strips, orange 9*5h Flanged Plate, & 6 Tyred Pulleys (yellow & red).				
VIS	VINTIK I SHPUNTIK		SH	RS	89 k	F	M4			--	30	10.0			4	a	HR			VIS	All small parts through 5h except 10h Strip. Motor & separate Gearbox.				
VOG	VOGUE		UK	UK	48 p--	60 e?*	F	4BA	d	4BA	--	35	12.7	3.9	3.9	3.66	*	HR	* FB	7.9 m	6.4 m	VOG	cf PIONEER, METALCRAFT, & PALIKIT. Corners of Strips cut at 45°. * Known 1957. * Most, but a few ±.1 or even more. * Also square Nut, same A/F.		
VLN	VULCAIN		NM	FR	34 k		L													VLN	Panels that fit together. probably without N&B.				
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	06 c--	14	Fw				--	45 *	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. * Inc 16 wood.	
W-M	WALU-METALL		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.	
WMA	WEMA		SH	GE	46 ---	48	F *	M4	d	M3	13	64	10.0	4.2	4.1	3.92	HC	FB	8.0	6.5	WMA	Alternate holes and slots in Strips, AG. Large TRIX-style Worm.			
WNK	WENEBRİK		BD	UK	15 ---	30 s	F	----	-	----	--	27	---	---	---	---	--	--	---	---	WNK	Pressed metal parts joined by tongues pushing into grooves.			
WRN	WERNER'S Metallbaukasten		TR	GE	W2 a -		F p															WRN	Early postwar copy of German TRIX.		
WFL	WESTFALIA		LG	GE			F					20 a	14.1	4.2									WFL	Said to be about 20 steel parts, red or brass plated. 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	Rods joined by J-Clips or Hubs, with FAC-like Gears, etc.	
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		OO	GE	47 c																		W-D	Ref: name only from JB; catalogued as Kran Wi-di in B S p111.	
WIF	WIFRA		OO	GE																			WIF	Name only.	
WIS	WISDOM	WS	CH	CN	82 k--	94 c	F	M4	s	M4	--	46	12.5	4.4	4.2	4.01	*	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 2.62mm for Wheels 015.	
WIT	WITTNER, PAUL RUDOLF *		OO	GE	50																		WIT	* Maker's name. Set to make electric Mine Railway. Ref: <i>Baukästen</i> p325.	
	WKOOnbhnk																								Name used in MCS/NZ for KONSTRUKTOR-SHKOL'NIK.
X	X *		MP	SD	30 s--	40 s					15 a	38	12.7	4.2						HC			X	* Was KONSTRUKTOR. Parts inc MÄRKLIN-type 5*11h Flgd Plate; Conveyor Belts & parts for, eg Rollers & (?) sheet metal Brackets; & Strips 3-25h inc 10 & 11.	
	YMEAEU																								Name used in MCS for YUNYI UMELETS.
Y E1	YOUNG ENGINEER [1] / LE J* ING*	ME	ME	CA	78 ---	80	F	M3.5	s	M3.M4	30	49	10.0	3.9	3.8	3.73	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	o *	----	--	32	12.7	4.2	4.2	* 4.01	HC	* FI	7.6	5.9			Y E2	Mostly copies of the newer MECCANO parts. * Also push-fit, 4.0 bore. * 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	3.93	HR	FE	7.0	6.8			YUN	IOHOCTb in MCS. MECCANO copy. Manual cover Helicopter unlike the other MECCANO manual models. *Often Al Strips, Flgd Pl; steel Flex Pl. But may be all Al parts earlier.	
	YUNYI KONSTRUKTOR																								One set of KONSTRUKTOR [11]. Name, in Cyrillics, is moulded into box but is not on Model Sheet.
Y U	YUNYI UMELETS		ME	RS	82 k			M3			*	47 *	10.1 *	4.3 *						HC				Y U	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		30 *	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																				Z-G	Known only from TRIX-like parts in Crane on box lid.
ZGL	ZOGEL Metallbaukasten		SH	GE	46 ---	48	F		-	----	--	20	11.9	4.8						H				ZGL	Appears to have preceded FG METALLBAUKASTEN, & is probably the same. Data from FG set.