

# LARC (LIST AUTHORISED RACKET COVERINGS) N°34 1 JULY 2013 – 31 DECEMBER 2013

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The new rubbers entering LARC 34 appear in **bold italics**, whilst other changes appear in **bold**, and both are valid with immediate effect.

Many racket coverings contain additional text in the rubber mould apart from the brand name and suppliers name and this does not disqualify them from the LARC. However, the brand name given in the LARC must be there (for example, Butterfly Sriver L and Butterfly Sriver S have the addition "D13"). Such texts could be positioned anywhere in the area reserved for the text on the rubber.

### How to acknowledge a racket covering from LARC:

1. Make certain that you have the correct LARC (see date of validity, it is published twice a year, in April and October. Pdf files to be found on our website at all times: [www.ittf.com](http://www.ittf.com)).
2. The supplier and brand names as well as the ITTF logo and eventually ITTF number should be clearly visible on the rubber.
3. These names should appear in the LARC. If in doubt, check the images/pictures on the ITTF web site.

### LEGEND

[R] or [B] Indicates that this brand name is available in only red or black respectively.

"Long" Under 'Pimple Type', this is used where the aspect ratio (= pimple height / pimple diameter) is larger than 0.89.

01) Supplier number, may appear in the rubber mould together with the ITTF logo.



ITTF N°) SUPPLIER		ITTF N°) SUPPLIER		ITTF N°) SUPPLIER		ITTF N°) SUPPLIER		
Brand	Pimple Type	Brand	Pimple Type	Brand	Pimple Type	Brand	Pimple Type	
<b>115) 61 SECOND</b>		<b>95) AKKADI</b>		Classic	Out	<b>06) ATEMI</b>		
001 Wind FT	Long	"AKKADI" is also used as part of a brand name for "DONIC".		Impuls	In	Ace	In	
002 Lightning DS	In		001 V Max	In	Impuls Speed	In	Advantage	In
003 Thunder LM	In		002 S Max	In	Plasma	In	Challenge	In
004 Artist	Long		003 K Max	In	Rocket	In	Début	In
			004 Java	In	Start	In	Fight Power	In
<b>01) 999</b>		005 L3	Long	Trophy	In	Ippon	In	
"999" is also used as part of a brand name for "AKKADI", "CRACK", "GLOBE", "JUIC", "THREE NINE", "XIYING" and "XUSHAOFA".		006 K3	Out	Upgrade	In	Super Champ	In	
	889	Out	007 Hornet	In	<b>04) ARMSTRONG</b>		<b>07) AVALOX / AVX</b>	
	999 T-2	In	008 999 Pro	In	Aka Mark Max	Out	001 Purot	In
	999 T-3	In	<b>89) AMSIR</b>		Attack 3 Type L	Out	002 Sogno	In
	Super 999 T	In	002 Fantasy	In	Attack 3 Type M	Out	Athlos	In
<b>105) ADIDAS</b>		003 Flutter	Long	Attack 8 Type L	Out	Horme	In	
001 Repulse 500	In	005 Glory	In	Attack 8 Type M	Out	Mo	Long	
002 Repulse 700	In	006 Luxury	In	Attack 8 Type M EXX	Out	Pronte	In	
003 P 3	In	007 Sensation	Long	Conqueror	In	Sterco	In	
004 R 4	In	008 Surprise	Long	Conqueror SS	In	<b>08) BANCO</b>		
005 P 5	In	009 Victory	In	Hikari Drive	In	001 Extreme	In	
006 R 6	In	010 Shot	Out	Hikari SR7	In	002 Dynamic	In	
007 Tenzone	In	<b>03) ANDRO</b>		Long Pimple	Out	003 Ouragan	In	
008 Tenzone SF	In	001 Roxon	In	New Anti Spin	Anti	004 Megaspin	In	
009 Syntec	In	002 Roxon 500 Pro	In	New Chopper	In	Allstar	In	
010 Syntec SF	In	003 Roxon 330	In	New Spirit Hi	In	Excellence	In	
011 P 7	In	004 Blowfish	Out	Red Mark	In	Feeling	In	
012 Blaze Spin	Out	005 Blowfish +	Out	Red Mark Type 1-4	Out	Furio	In	
013 Blaze Speed	Out	006 Chaos	Long	Rosin	Out	Futura Energie	In	
014 Syntec Fast	In	007 Hexer	In	Twister	Long	Perfect	In	
015 Sonic	In	008 Hexer +	In	Twister EXT	Out	Puissance	In	
016 Cruise	In	009 Revo Fire	In	Vector	In	Start ☆☆	In	
017 Touch Pro	In	010 Hexer Duro	In	W-α Ex x	Out	Start ☆☆☆	In	
<b>018 Tenzone Ultra</b>	<b>In</b>	011 Hexer Pips	Out	Warrior	In	Variation Energy	In	
<b>02) AHUAYI</b>		012 Hexer Pips +	Out	<b>05) ARTENGO</b>		<b>12) BOMB</b>		
001 666	In	013 Sonnentau	In	001 930 A	In	001 Oscule	In	
<b>106) AIR</b>		014 Shifter	In	003 920 S	In	Apex	In	
"AIR" is also used as part of a brand name for "JOOLA".		015 Shifter Powersponge	In	004 950 S	In	Bombard	In	
	001 Scirocco	In	016 Backside 2.0	In	005 900 C	In	Hammer	Out
	002 Panamera	Out	017 Nightmare	In	007 851 O	In	King Roc	Out
	003 Upupupup	Long	018 Hexer HD	In	008 861 O	In	Mopha	In
	004 Classique	Out	019 Rasant	In	009 881 O	In	Raider	In
005 Illumina	In	020 Impuls Powersponge	In	010 703 O	In	Rex	In	
		<b>021 Rasant Turbo</b>	<b>In</b>	011 853 O	In	Talent	Long	
		<b>022 Rasant Powersponge</b>	<b>In</b>	012 863 O	In	Tensa	In	
		Backside	In	013 883 O	In	Ufo	In	
				014 893 O	In	Violent	In	
				702 O	In			
				930 S	In			

ITTF N°) SUPPLIER		ITTF N°) SUPPLIER		ITTF N°) SUPPLIER		ITTF N°) SUPPLIER	
Brand	Pimple Type	Brand	Pimple Type	Brand	Pimple Type	Brand	Pimple Type
<b>14) BUTTERFLY</b>		Wakaba	In	<b>20) DAWEI</b>		Quattro	In
001 Tenergy 05	In	West Will	Out	2008	In	Quattro A'Conda	In
002 Tenergy 25	In	Yuki	In	388A	In	Quattro Formula	In
003 Tenergy 64	In	<b>15) CARREFOUR</b>		388A-4	In	Slice 40	In
004 Pan Asia - X	In	Top Life	In	388C-1	Out	Solo	In
005 Spinart	In	<b>16) CHAMPION</b>		388D	Long	Sonex JP Gold	In
006 Sriver G3	In	"CHAMPION" is used as		388D-1	Long	Twingo	In
007 Sriver G3 FX	In	part of a brand name for		Inspirit	In	Vari-Slick	In
008 Roundell	In	"SCHILDKRÖT".		Saviga	In	Vario	In
009 Tenergy 05 FX	In	<b>001 V 7</b>	In	Saviga V	Long	Vario Cooper S	In
010 Tenergy 25 FX	In	<b>002 V 5</b>	In	<b>118) DER-</b>		Vario Soft	In
011 Tenergy 64 FX	In	Apache	In	<b>MATERIALSPEZIALIST</b>		<b>22) DONIER</b>	
012 Flarestorm II	Out	Aragorn	In	001 Nightmare	Anti	Max	In
013 Addoy	In	Cyclops	In	002 Beast	Anti	Max Attack	In
014 Wakaba	In	ElySION	In	003 Undertaker	Long	Versus	In
015 Pan Asia	In	Hexa	In	<b>004 L.S.D Long Super</b>		<b>23) DOUBLE FISH</b>	
016 Yuki	In	Iason	In	<b>Defence</b>	Long	001 A One	In
017 Dignics	In	Khan	In	<b>21) DONIC</b>		002 FA213	In
018 Tenergy 80	In	Mercury	In	001 Coppa JO Platin	In	003 FC218	In
019 Largestorm	Out	Next	In	002 Vario Gold	In	004 FS232	In
<b>020 Tenergy 80 FX</b>	In	Partizan	In	003 Alligator Def	Long	005 FL233	In
Addoy	In	Quantum	In	006 Baracuda	In	006 8338	In
Biriba	In [R]	Spartan	In	007 Coppa Speed	In	007 8484	In
Black	In [B]	Trident	In	008 Baxster LB	Out	008 1615	Long
Bryce	In	Trojan	In	009 Twister LB	Out	009 815	In
Bryce FX	In	Tron	In	010 Vario Big Slam	In	010 820 A	Out
Bryce Speed	In	Ulyssis	In	011 Acuda S1	In	011 830	In
Bryce Speed FX	In	<b>136) CHEN HAI PAI</b>		012 Acuda S2	In	012 Volant	In
Catapult	In	<b>001 888</b>	Out	013 Acuda S3	In	013 Volant 2	In
Cermet	In	<b>17) CORNILLEAU</b>		014 Coppa X1	In	014 Volant 3	In
Challenger Attack	Out	001 ★	In	015 Coppa X2	In	<b>015 Athlon 1</b>	In
Challenger Large	Out	002 ★★	In	016 Coppa X3	In	<b>016 Athlon 2</b>	In
Driver	In [R]	003 ★★★	In	018 Traction MS	In	<b>017 Qiji</b>	In
Ekrips	In	004 ★★★★★	In	019 Waldner Legend	In	815	In
Feint AG	Long	005 ★★★★★★	In	020 Vario Platin	In	820A	Out
Feint Long II	Long	006 ★★★★★★★	In	021 Vario Sound	In	830	In
Feint Long III	Long	007 Performa 1	In	022 Alligator Anti	Anti	1615	Long
Feint-Ox	Long	008 Performa 2	In	023 Anti Classic	Anti	8338	In
Feint-Soft	Long	009 Pilot Advance	In	024 Acuda S1 Turbo	In	8484	In
Flarestorm	Out	010 Pilot Power	In	025 Bluefire M1	In	F.A. 213	In
Flextra	In	011 Pilot Style	In	026 Bluefire M2	In	FC218	In
Fräulein	In	012 Pilot Control	In	027 Bluefire M3	In	F.L. 233	In
Large 44 DX	Out	013 Drive Style	In	028 Piranja Anti	Anti	FS232	In
Lemuria	In	014 Drive Control	In	<b>029 Bluefire JP 01</b>	In	Volant	In
Magnitude	Long	015 Start Up'	In	<b>030 Bluefire JP 03</b>	In	<b>24) DOUBLE</b>	
Morim	In	016 Pulse Racer	In	66 GS	In	<b>HAPPINESS / DHS</b>	
Orthodox-DX,103	Out	017 Pulse Rider	In	77 GS	In	001 Hurricane	In
Pan Asia	In	018 Target Ultim	In	★	In	002 Hurricane II	In
Raystorm	Out	019 Target Sound	In	★★	In	<b>003 Skyline</b>	In
Rein	Out	020 Target Force	In	★★★	In	004 PF4	In
Relop Attack	Long	<b>18) CRACK</b>		Akkadi Java	In	005 Skyline II	In
Sapphira	In	999	In	Akkadi K1	Out	006 Skyline III	In
Selvid	In	Master	In	Akkadi K2	Out	008 Memo	In
Soft	In	SP	In	Akkadi L1	Long	009 Memo II	In
Solcion	In	Twister	In	Akkadi L2	Long	010 Memo III	In
Speedy-P.O.	Out	<b>99) CTT</b>		Akkadi Taichi	In	<b>011 TNT</b>	In
Sprier	In	001 National Pride	In	Alpha-Slick	In	<b>012 TNT II</b>	In
Sriver EL	In	002 National Strike	In	Baxster	Out	013 6512	In
Sriver FX	In	003 National Pogo	Long	Coppa	In	014 PF4-1	In
Sriver G2	In	004 National Hero	In	Coppa JO Gold	In	015 G555	In
Sriver G2 FX	In	<b>19) DARKER</b>		Coppa JO Silver	In	016 G666	In
Sriver L	In	<b>001 Turbo 70</b>	In	Coppa Tagora	In	017 G777	In
Sriver S	In	Provine	In	Coppa Tenero	In	018 G888	In
Stayer	In	Spalbird	In	Desto F1	In	<b>019 TNT III</b>	In
Super Anti	Anti			Desto F2	In	<b>020 Magican</b>	In
Super-Sriver	In			Desto F3	In	<b>021 Magican II</b>	In
Tackifire-C	In			Duo	In	<b>022 Magican III</b>	In
Tackifire-D	In			Easy-Slick	In	<b>023 Dipper</b>	In
Tackifire SP	In			Liga	In	<b>024 Dipper II</b>	In
Tackiness-C	In			Piranja FD TEC	Long	<b>025 Dipper III</b>	In
Tackiness-C II	In						
Tackiness-D	In						

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Brand	Pimple Type	Brand	Pimple Type	Brand	Pimple Type	Brand	Pimple Type
<b>026 C7</b>	<b>Out</b>	004 Boomerang Classic	Long	Outlaw	In	002 Mo Wang II	Long
027 C8	Long	005 Gorilla	Anti	Peace Keeper	Out	003 888 II	Out
028 Cloud & Fog II	<b>Long</b>	006 Grizzly	Anti	Six Shooter	In	<b>004 Do</b>	<b>In</b>
<b>029 Cloud &amp; Fog III</b>	<b>Long</b>	007 Anti Special	Anti	<b>120) GEILI</b>		888	Out
<b>030 651</b>	<b>Out</b>	008 A - B - S	Anti	003 Quicken	In	889	Out
<b>031 652</b>	<b>Out</b>	009 Fighter	Long	<b>112) GENOTE</b>		889-2	Out
<b>032 874</b>	<b>Out</b>	010 Inferno Classic	Long	001 Peak-Power	In	979	Long
<b>033 Dragonow</b>	<b>Out</b>	011 Desperado	Long	<b>29) GEWO</b>		999	In
<b>034 Sharping</b>	<b>Out</b>	012 Terminator	Out	001 Proton	In	999T	In
040 PF4 Nittaku	In	013 Allround Premium	Long	002 Stratos	In	Awala	In
041 G888 Nittaku	In	<b>014 Killer</b>	<b>Out</b>	003 Reflexx	In	Jinxuanfeng II	In
045 Tin Arc	In	Diamant	Out	004 Thunderball 2	In	Jinxuanfeng III	In
046 Tin Arc II	In	Domination	In	005 Return	In	Liqin	In
047 Tin Arc III	In	Leopard	Out	006 Flexxon	In	Magicwand	In
048 Gold Arc	In	Pistol	Out	Mega Flex Control	In	Prize	In
049 Gold Arc II	In	Tornado Ultra	Out	Nano	In	Taiphong Gold	In
050 Gold Arc III	In	<b>107) DUNLOP</b>		Target airTEC	In	Tropy	In
054 Hurricane 8	In	080 Evolution Max	In	Target Energy	In	Trump Card	In
055 Hurricane 9	In	090 Revolution Max	In	<b>30) GIANT DRAGON</b>		<b>86) GUO AO</b>	
108 Hurricane III	In	100 Revolution Max II	In	001 Taichi	In	001 718	In
651	Out	<b>27) FRIENDSHIP</b>		002 Karate	In	<b>34) GUOQIU</b>	
652	Out	<b>"FRIENDSHIP"</b> is also used		003 Meteorite	Long	001 Gong Fu	In
6512	In	as part of a brand name for		004 Giant Long	Long	AB	In
874	Out	<b>"KOKUTAKU", "WINNING".</b>		005 Allround	In	FF	In
C - 8	Long	001 R.I.T.C. 729 - 5	In	006 Guard	Anti	HB	In
Cloud & Fog II	Long	002 R.I.T.C. 755 - 2	Long	007 Submarine	In	MG	Long
Cloud & Fog III	Long	004 R.I.T.C. 729 - 08	In	008 Topenergy	In	MG II	Long
Dipper	In	005 729 105	Out	009 Superspin G3	In	SS	Out
Dipper II	In	006 729 Battle	In	010 Superspin G4	In	<b>90) HAIFU</b>	
Dipper III	In	007 729 Battle II	In	011 Superverloce V12	In	001 Whale	In
Dragonow	Out	008 729 Origin	In	012 Dragon Talon	Long	002 Shark	In
G555	In	<b>009 729 Aurora</b>	<b>In</b>	013 Snowflake	Long	003 Penguin	Out
G666	In	729 Focus	In	014 Cropcircles	Long	004 Dolphin	Out
G666 Nittaku	In	729 Focus II	In	015 Blast	Out	005 Whale III	In
G777	In	729 Focus III	In	016 612	Out	006 Shark III	In
G888	In	729 High Point	In	017 Attack Long	Long	007 Pirates 07	In
G888 Nittaku	In	R.I.T.C. 563	Out	018 Commander	In	008 Pirates 08	In
Hurricane	In	R.I.T.C. 563-1	Out	019 Storm	In	009 Octopus	Long
Hurricane II	In	R.I.T.C. 729	In	020 Future	In	010 O. Orca	In
Hurricane III	In	R.I.T.C. 729-2	In	021 Soft Anti	In	011 Otariidae	In
Magican	In	R.I.T.C. 729-3	In	022 Peril Anti	In	<b>97) HALEX</b>	
Magican II	In	R.I.T.C. 729-40H	In	807	In	(no other mark)	In
Magican III	In	R.I.T.C. 729-40S	In	8086	In	XR - 3000	In
Memo	In	R.I.T.C. 729 Cream	In	8087	In	<b>35) HALLMARK</b>	
Memo II	In	R.I.T.C. 729 Dr. Evil	Out	8088	In	002 Podium	In
Memo III	In	R.I.T.C. 729 Faster	In	8228 A	Out	004 Pheonix	Long
Nittaku C 7	Out	R.I.T.C. 729 GeoSpin	In	8228 B	In	005 Friction Special 2	Long
Nittaku Hurricane II	In	R.I.T.C. 729 GeoSpin Tacky	In	Extspeed	In	006 Green Power	In
Nittaku Hurricane III	In	R.I.T.C. 729 Higher	In	Maxspin	In	Frustration	Long
Nittaku Hurricane Pro II	In	R.I.T.C. 729 SP	In	Superspeed	In	Half Long	Out
Nittaku Hurricane Pro III	In	R.I.T.C. 729 SST	In	Superspin	In	Magic Pips	Out
PF4	In	R.I.T.C. 755	Long	Superspin G2	In	Mirage	Anti
PF4-1	In	R.I.T.C. 799	Out	<b>31) GKI</b>		Panther	Out
Sharping	Out	R.I.T.C. 802	Out	001 Nano Sting	Long	Power Spin	In
Sharping Nittaku	Out	R.I.T.C. 802-1	Out	002 Euro Chelonz	In	<b>125) HEATT</b>	
Skyline	In	R.I.T.C. 802-40	Out	004 ChelonZ HybridZ	In	001 Fair Play	Out
Skyline II	In	R.I.T.C. 804	Anti	005 HybridZ GX	In	<b>104) HUARUITE</b>	
Skyline III	In	R.I.T.C. 837	Long	Euro Jumbo	In	001 Wujilong	In
Surpass	In	R.I.T.C. 2000 Tack-Speed	In	Euro Spintec	In	<b>36) IMPERIAL</b>	
TNT	In	Sky-Wing	In	Euro XX	In	001 Factor	In
TNT II	In	Super 729 FX	In	Nano Attack	Out	002 Spinbreaker	Long
TNT III	In	Top Point	In	Nano Force	In	China	In
TNT Nittaku	In	<b>28) GAMBLER</b>		<b>32) GLOBE</b>		Crash	In
<b>25) DOUBLE POWER</b>		001 Wraith	In	<b>"GLOBE"</b> is also used		Cyber Tacky	In
No. 3080	In	002 Shadow	In	as part of a brand name		Force	In
<b>26) DR NEUBAUER</b>		003 Reflectoid	In	for <b>"XUSHAOFA"</b> .		Rubber 11 20 one	In
001 Special Defence	In	4 Kings	In	001 Mo Wang	Long		
002 Goliath	In	Aces	In				
003 Monster Classic	Long						

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Brand	Pimple Type	Brand	Pimple Type	Brand	Pimple Type	Brand	Pimple Type
Rubber 45 20 one	In	Masterspin	Out	3 Stars	In	<b>51) NB ENEBE</b>	
Super Strike	In	Masterspin II	Out	5 Stars	In	★	In
Swift	In	NanoCannon	In	Aggressor	In	★★	In
<b>38) JAPTEC</b>		Neo Anti	Anti	Allrounder	In	★★★	In
Balance	In	Offense	Out	Elite Control	In	Pro	In
DL - 01	Long	Patisuma	Out	International	In	<b>91) NEOTTEC</b>	
Experience	In	Patisuma II	Out	Scirocco	In	001 Hinomi	In
Performance	In	PipsAce	Out	SS 800	In	002 Iken	In
Precision	In	Scramble	In	Star	In	003 Katana	In
<b>40) JOOLA</b>		Scramble 21	In	Super 3	In	004 Tokkan	Long
001 Express	In	SpinSpiel	In	Typhoon	In	005 Maxima	In
002 Shark	Long	<b>42) KETTLER</b>		XA 900	In	006 Enkei	In
003 Orca	Long	Coach	In	<b>47) LKT</b>		<b>94) NEXY</b>	
004 Amy	Anti	Master	In	001 Rapid Speed	In	001 Demian	In
006 Express Ultra	Out	Professional	In	002 Rapid Power	In	002 Kairos	Out
007 Phénix	In	<b>43) KILLERSPIN</b>		003 Rapid Sound	In	003 Chaos	Long
008 X-Plode	In	001 Blast	In	004 Rapid Soft	In	004 Elpis	In
009 Brave	In	002 Fortissimo	In	005 Black Power	In[B]	<b>53) NIMATSU</b>	
010 Turbo	In	003 GT 2	In	006 Red Diamond	In[R]	001 Chimera	In
011 Samba +	In	Nitrx-4Z	In	Pro XP	In	002 Zerberus	Long
012 timeless	Anti	<b>44) KINSON</b>		Pro XT	In	Hurricane	In
013 Rhyzm	In	Perfect	In	Recoil	In	Pegasus	In
<b>014 UPP</b>	<b>In</b>	Super Spin	In	Torrent E.G.S.	In	Scorpion	In
<b>015 Maxxx</b>	<b>In</b>	<b>45) KOKUTAKU</b>		<b>48) METEOR</b>		Spinfighter ★★★	In
<b>016 Novic</b>	<b>In</b>	Big Star	In	575	Long	XX5	In
4 all	In	BLütenkirsche 868	In	71-1	Long	<b>54) NITTAKU</b>	
4 You	In	BLütenkirsche 868 Tokyo	In	71-2	Out	“NITTAKU” is also used as part of some brand names for “ <b>DOUBLE HAPPINESS/DHS</b> ”.	
air !	In	Clitter	Out	813	In		
Anti Topspin Toni Hold	Anti	Friendship 729 Super	In	835	In	001 Moristo RS	In
Badman	Long	Spec-V	In	845	Long	002 Renanos Bright	In
Basic	In	Spindle	In	8512	Long	003 Specialist Hibiki	Out
Compass	In	Synchron	In	9012	Long	004 Narucross 44	Out
Drum	In	Tuple 007	In	<b>49) MILKY WAY</b>		005 Annsort	In
Energy	In	Tuple 007 Taiwan	In	001 Apollo	In	006 Hammond FA Speed	Out
Energy X-tra	In	Tuple 110	Out	002 Sun	In	007 Hammond Pro β	In
Fiesta	In	Tuple 119	Out	003 Moon	In	008 Renanos BS	In
GX 75	In	Tuple 911	Long	004 Moon Speed	In	009 Renanos Hold	In
Mambo	In	<b>110) KTL</b>		007 Big Dipper	In	011 Narucross GS	In
Mambo C	In	001 Black Power	In [B]	010 Qing	Long	012 Learner	In
Mambo GP	In	002 Red Diamond	In [R]	011 Uranus Poly	Out	013 Wallest	Long
Mambo H	In	003 Stranger	Long	955	Long	015 Fastarc G-1	In
Octopus	Long	004 Golden Star	In	9000	In	016 Fastarc S-1	In
Peking	In	005 Magic Power	Out	Earth	In	017 Galze	In
Samba	In	006 Pro XP	In	Jupiter	In	018 Royallarge	Out
Samba NTec	In	007 Pro XT	In	Mars	In	019 Retora	In
Smart	In	<b>008 Panther</b>	<b>In</b>	Mercury	In	020 Flyatt	In
Smash	In	<b>009 Falcon</b>	<b>In</b>	Neptune	Long	021 Pimple Slide	Out
Tango	In	<b>102) KTS</b>		Pluto	Out	022 Revspin	In
Tango Extrem	In	002 Galaxy	In	Saturn	In	023 Jewellarge	Out
Tango Ultra	Out	<b>003 Tachyon</b>	<b>In</b>	Venus	In	024 P 12	In
Teacher	In	<b>135) LEOVIZ</b>		<b>50) MIZUNO</b>		025 Fastarc C-1	In
Thema	In	<b>001 Penna X-6</b>	<b>In</b>	001 Charge SS	In	026 Zalt	In
Topspin	In	<b>46) LION</b>		002 Plaudit MF	In	027 Alhelg	In
Tramp	In	001 Roar	In	003 Quasar	In	<b>029 Lonfrict</b>	<b>Out</b>
<b>41) JUIC</b>		002 Claw	Long	004 Quasar MF	In	Arufeel	In
001 Aircondle	In	003 Star	In	005 Booster HP	Out	Best Anti	Anti
004 Nanospin	In	004 2 Stars	In	006 Opti	In	Express	Out
005 Patisuma III	Out	005 3 Stars	In	007 Rookie	In	Graffiti	In
006 Nano Spin II	In	006 Super 3	In	Booster EV	Out	Hammond	In
007 T+	In	007 5 Stars	In	Booster SA	Out	Hammond FA	Out
008 J9+	In	008 Aggressor	In	Charge	In	Hammond Pro α	In
999	In	009 Allrounder	In	Charge MF	In	Hammond-X	In
999 Élite	In	010 Elite Control	In	ChargePro	In	Hi-Super Drive	In
Couga	In [B]	011 Rebirth	Out	HyperZone	In	Japan Original	In
Dany V	In	2 Stars	In	Plaudit	In		
DrivaSmash	In			Polaris	Out		
DrivaSmash SV	In			Unison	In		
Driva Smash Ultima	In						
Leggy R	Long						

ITTF N°) SUPPLIER		ITTF N°) SUPPLIER		ITTF N°) SUPPLIER		ITTF N°) SUPPLIER	
Brand	Pimple Type	Brand	Pimple Type	Brand	Pimple Type	Brand	Pimple Type
J.O. Pen	In	830	In	<b>108) SPINLORD</b>		China Extreme	In
J.O. Shake	In	Action	Out	001 Marder	In	Chop & Drive	In
J.O. Waldner	In	Frankfurt	In	002 Tiger	In	Clippa	Out
J.O. Waldner S.C.	In	Hamburg	In	003 Adler	In	Cobra 2000	In
Magic Carbon	In	Long-A	Long	004 Zeitgeist	Long	Destroyer	Long
Micro	In	Osaka	In	005 Stachelfeuer	Long	Doer	In
Moristo 2000	In	Speed - F	Out	006 Dornenglanz	Long	Drive	In
Moristo 44	Out	Tokyo	In	007 Irbis	In	Energy Absorber	Anti
Moristo DF	In	Twister 8338	In	008 Blitzschlag	Long	Evo	In
Moristo LP	Long			009 Degu	Out	Future	In
Moristo LP One	Long	<b>60) REACTOR</b>		<b>010 Feuerstich</b>	<b>Long</b>	Innova	In
Moristo SP	Out	001 Mirage	Out	<b>011 Waran</b>	<b>Out</b>	Innova Premium	In
Narucross	In	002 Rafale	Out	<b>93) SPOKEY</b>		Innova Ultra Light	In
Narucross EX	In	003 Pioneer	Out	001 Master	In	Innova Ultra Light Synergy Tech	In
Narucross tension	In	Boaz	In			Magic	In
Nodias	In	Ckylin	In	<b>67) STAG</b>		Magna	In
Pimplemini	Out	Corbor	In	001 Peter Karlsson	In	Mendo	In
Pimplemini One	Out	Novar	In	002 Peter Karlsson Training	In	Mendo Energy	In
Refoma	In	Sonix	In	003 High Tension Explosive	In	Mendo MP	In
Renanos	In	Thunder	In	004 Championship	In	Neos	In
Screw	Long	Tornado	In	005 International	In	Neos Sound	In
Screw One	Long			006 Power Drive Plus	In	Neos Sound Synergy Tech	In
Specialist Chikara	Out	<b>61) RUCANOR</b>		007 Official	In	Neos Synergy Tech	In
Specialist One	Out	001 Competition	In	008 Peter Karlsson Gen-II	In	Neos Tacky	In
Specialist Soft	Out	Competition	In	009 Tec	In	Optimum MP	In
Specialist Soft HS	Out	Mogi Ura	In	<b>010 Super</b>	<b>In</b>	Premium	In
Spiral	In	Orient	In	<b>011 Power Drive</b>	<b>In</b>	Radical	Out
Super Large	Out	TTB-150	In	<b>012 All Round</b>	<b>In</b>	Royal	Out
Universal- Ribbon	In	<b>87) SAN - EI</b>		<b>013 Thunder Spin Plus</b>	<b>In</b>	Stream	In
Universal- Ribbon	Out	001 Taipan	In	All Round	In	Triumph	In
		002 Samurai	In	Ninja Attack	In		
<b>55) PALIO</b>		003 Shogun	In	Ninja Fire	In	<b>69) SUNFLEX</b>	
001 Macro ERA	In			Power Drive	In	001 Expert Xonox	In
002 Conqueror	In	<b>62) SANWEI</b>				002 Expert Zeno	In
003 Flying Dragon	Out	001 Target	In	<b>121) STARWOOD</b>		003 Anti Loop	Anti
004 Power Dragon	Out	002 Rings Link	In	001 Speed	In	AF 50	In
005 Thor's	In	003 Gears	In	002 Spin	In	BZ 60	In
006 Blit'z	In	005 Ghost	Out	003 Power	In	Mandarin	In
AK47	In	006 Code	Long	004 Alfa 3	Long	Mikado	In
Amigo	In	007 T88 Taiji	In	005 Bravo	Out	Mogul	In
CJ8000	In	008 T88	In	006 Alfa 9	Long	Samurai	In
CK531A	Long	009 T88 - I	In	007 Bravo 8	Out	Shogun	In
Drunken Dragon	In	010 T88 - II	In			Sun-Control	In
Emperor Dragon	In	011 T88 - III	In	<b>68) STIGA</b>		Sun-Power	In
Hadou	In	012 A+	In	001 Boost TP	In	Taipan	In
Hidden Dragon	In			002 Boost TC	In		
HK1997	In	<b>130) SAUER&amp;TRÖGER</b>		003 Boost TS	In	<b>70) SWORD</b>	
Macro	In	<b>001 Hellfire</b>	<b>Long</b>	004 Boost TX	In	001 Break	In
Macro Pro	In			005 JMS EVO 1	In	002 Paladin	In
Wildish Dragon	In	<b>113) SAVIGA</b>		006 Magna TC II	In	003 Scylla	Long
WP1013	Out	"SAVIGA" is also used as part of a brand name for "DAWEI".		007 Magna TS II	In	005 Maze	In
		001 Turbo	In	008 Calibra LT	In	006 Nano	In
		002 Fantasy	Long	009 Calibra LT Sound	In	007 Flute	In
		003 27	Long	010 Power LT	In	008 Paladin II	In
<b>56) PEACE</b>				011 S	In	010 Long Can	Out
"PEACE" is also used as part of a brand name for "GAMBLER".		<b>63) SCHILDKRÖT</b>		012 S1	In	2000-F	In
		Avantgarde ★★★	In	013 S2	In	Hero	In
		Champion ★★★★★	In	014 S3	In	King	In
		Elite	In	015 S4	In	RG	In
		Energy	In	016 S5	In		
<b>57) POINT BLANK</b>		Jade	In	017 Calibra LT Plus	In	<b>72) TECNOPRO</b>	
Topgun	In	Prestige	In	018 Calibra LT Spin	In	Competition	In
		Spinmax	In	019 Magna TX	In	Expert	In
<b>58) PRASIDHA</b>				<b>020 Calibra Tour S</b>	<b>In</b>	Supercom	In
001 Apple	In	<b>133) SKITT</b>		<b>021 Calibra Tour M</b>	<b>In</b>	Tournament	In
002 Titan	In	001 Aconda	In	<b>022 Calibra Tour H</b>	<b>In</b>		
003 Long 1615	Long	002 Uno	In	Almana	In	<b>73) THREE NINE</b>	
004 Master	In	003 Aconda Power	In	Almana Sound	In	999 T-1	In
820	Out			Almana Sound Synergy Tech	In		
				Carbo	In	<b>127) THREE SWORD</b>	
				Carbo MC	In	001 Gallop	In
				Carbo Sound	In	002 Prompt	In
						003 Leap	In

ITTF N°) SUPPLIER		ITTF N°) SUPPLIER		ITTF N°) SUPPLIER		ITTF N°) SUPPLIER	
Brand	Pimple Type	Brand	Pimple Type	Brand	Pimple Type	Brand	Pimple Type
<b>74) TIBHAR</b>		Actor	In	<b>129) VTEC</b>		<b>81) XUSHAOFA</b>	
001 Sinus	In	Barri - Up	In	001 V I	In	999	In
002 Grass Flex	Out	Bjorn	In	<b>124) WILSON</b>		999 LSZ	In
003 Grass Ultra	Long	Bolt	In	003 Hammer 3.0	In	999 ZCD	In
004 Primus	In	Brio	In	004 Reaction 5.0	In	Globe 999	In
005 Genius	In	Curl P-1 R	Long	<b>109) WIN</b>		<b>82) YAPING</b>	
006 Nianmor	In	Curl P-2	Out	001 Spear	In	139	In
007 Aurus	In	Curl P-3	Long	002 Aegis	In	<b>83) YASAKA</b>	
008 Grip - S	In	Curl P-3α R	Long	003 Axe	In	001 Pryde	In
009 Genius +	In	D-Top	In	004 Bow	In	002 Pryde 30	In
010 Mythik	Long	Giant	In	<b>78) WINNING</b>		003 Xtend LB	Out
012 Evolution FX - P	In	Hiyaku	In	738 Super	In	004 Cadet	In
013 Evolution MX - P	In	L Catcher	Out	Friendship 729 Super TSS	In	005 Marvelous	Out
014 Grip - S Europe	In	Milli Tall II	Out	King Power Komann	In	006 Pryde 40	In
015 1Q	In	Miracle	Out	Komann	In	007 Rakza 7	In
016 5Q	In	Real	In	Komann Super Fit	In	008 Rakza 9	In
017 Evolution EL - P	In	Spectol	Out	NP - 1	Out	009 Rakza 7 Soft	In
018 Evolution MX - S	In	Summit	In	NP - 2	Out	010 Rakza 9 Soft	In
<b>019 5Q +</b>	<b>In</b>	Super Spinpips	Out	NP - 6	Out	011 Mark V HPS	In
Bungee	In	Tarbit	In	NP - 8	Out	012 Mark V HPS Soft	In
Dang	In	T - Rex	In	<b>79) XIOM</b>		013 Rakza PO	Out
Ellen	Anti	Triple	In	002 Zeta	In	014 Rifle	In
Extra Long	Long	Tyranno	Out	<b>003 Omega IV</b>	<b>In</b>	015 Rifle Speed	In
Grass	Long	UQ	In	007 Sigma III	In	Anti Power	Anti
Grass D. TecS	Long	X's	In	008 Vega Europe	In	A-1-2 A-1	Out
Learn Cont	In	X's F-1	In	009 Vega Asia	In	A-1-2 A-2	Out
Learn Spin	In	X's F-1 V	In	011 Zava 1	Out	Cobalt α	Out
Legend	In	<b>126) TTATOZ</b>		012 Vega Pro	In	Cobalt X1	Out
Nimbus	In	001 TTATOZ Spin	In	013 Vega Elite	In	Cobalt X2	Out
Norm	In	002 TTATOZ Speed	In	014 Tau I	In	Extreme Speed	In
Phantom	In	003 TTATOZ 44	Out	015 Tau II	In	Fusion	In
Rapid	In	004 TTATOZ Out	Out	016 Tau III	In	Large Pro	Out
Rapid D. TecS	In	005 TTATOZ Long	Long	017 Omega IV Pro	In	Mark V	In
Rapid Soft	In	006 TTATOZ Basic	In	018 Omega IV Asia	In	Mark V AD	In
Rookie D. TecS	In	007 TTATOZ Power	In	019 Omega IV Europe	In	Mark V GPS	In
Samurai	In	<b>96) TUTTLE</b>		020 Omega IV Elite	In	Mark V M <sup>2</sup>	In
Serie 2000	In	001 Beijing	In	023 Vega China VH	In	Mark V XS	In
Speedy Soft	Out	002 World No. 1	In	024 Vega China VM	In	New Era	In
Speedy Soft D. TecS	Out	004 LV	In	025 Zava II	Out	Original	In
Speedy Spin	In	005 888	In	026 Sigma I Pro	In	Original	Out
Speedy Spin Premium	In	006 Spring - 3B	In	027 Sigma I Europe	In	Original A-1	Out
Standard	In	007 Summer - 3C	Out	028 Omega II	In	Original A-2	Out
Storm	In	008 Autumn - 3D	Long	029 Omega III	In	Original Extra	In
Super Defense 40	In	009 Winter - 3E	Out	030 Sigma II Europe	In	PB-1	Out
Torpedo	In	010 Prevention Arc	Anti	031 Musa I	In	Phantom 007	Long
Vari Spin	In	<b>119) UNOAMI</b>		032 Musa II	In	Phantom 008	Long
Vari Spin D. TecS	In	001 Hanma	In	033 Vega Japan	In	Phantom 009	Long
Volcano	In	<b>85) V 3 TEC</b>		034 Sigma II Pro	In	Phantom 0011 ∞	Long
<b>75) TONI HOLD</b>		001 Spin Attack X3	In	<b>035 Omega V Tour</b>	<b>In</b>	Phantom 0012 ∞	Long
<b>"TONI HOLD" is also</b>		002 Fast Control S1	In	<b>036 Omega V Pro</b>	<b>In</b>	Top 12	In
<b>used as part of a brand</b>		003 Power Drive Y5	In	<b>038 MUV° Prospin</b>	<b>In</b>	Vision	In
<b>name for "JOOLA".</b>		<b>123) VALOR</b>		<b>039 MUV° Eurospin</b>	<b>In</b>	V Stage	In
Anti Topspin New 40	Anti	001 Premier	Out	<b>040 MUV° Hyspin</b>	<b>In</b>	Wallie	In
<b>76) TSP</b>		<b>117) VICTAS</b>		<b>041 MUV° Vspin</b>	<b>In</b>	Xtend	In
001 Curl P-H	Long	001 VO > 101	Out	Omega I	In	Xtend HS	In
004 Grandy	In	002 VLB > 301	Out	Omega II	In	Xtend PO	Out
005 Agrit	In	003 VS > 401	In	Omega III	In	Zap	In
006 Agrit Speed	In	004 VS > 402	In	True - Innovation	In	<b>84) YASHIMA</b>	
007 Rise	In	005 VO > 102	Out	Yanus - DF	In	Competition XR3000	In
008 Rise Speed	In	006 V > 01	In	<b>80) XIYING</b>		Go Sport XR3000	In
009 Curl P-4	Long	<b>007 V &gt; 01 Limber</b>	<b>In</b>	001 999 Sharing Limbo	In	Go Sport XX5	In
010 Spin Magic	Out	<b>008 V &gt; 01 Stiff</b>	<b>In</b>	889	Out	Upper Spin	In
<b>011 Ventus Speed</b>	<b>In</b>			979	Long	Competition XR 7	In
<b>012 Ventus Spin</b>	<b>In</b>			999	In	XX 3	In
<b>013 Ventus Soft</b>	<b>In</b>					XX 5	In
730	In						



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