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The new rubbers entering LARC 35A 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: [ITTF.com](http://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	Brand	Pimple	Brand	Pimple	Brand	Pimple
<b>115) 61 SECOND</b>		003 Upupupup	Long	021 Rasant Turbo	In	<b>910 FRB All</b>	<b>In</b>
001 Wind FT	Long	004 Classique	Out	022 Rasant Powersponge	In	<b>970 FRB Speed</b>	<b>In</b>
002 Lightning DS	In	005 Illumina	In	<b>023 Rocket</b>	<b>In</b>	702 O	In
003 Thunder LM	In	<b>006 Defenders</b>	<b>In</b>	<b>024 Rasant Grip</b>	<b>In</b>	<b>06) ATEMI</b>	
004 Artist	Long	<b>007 Assassins</b>	<b>In</b>	<b>025 Rasant Power Grip</b>	<b>In</b>	Ace	In
<b>005 Kangaroo</b>	<b>In</b>	<b>95) AKKADI</b>		<b>026 Power 3</b>	<b>In</b>	Advantage	In
<b>006 Eagle</b>	<b>In</b>	"AKKADI" is also used as		<b>027 Power 6</b>	<b>In</b>	Challenge	In
<b>01) 999</b>		part of a brand name for		<b>028 Hexer Pips 44</b>	<b>Out</b>	Début	In
"999" is also used as part of a		"DONIC".		Backside	In	Fight Power	In
brand name for				Classic	Out	Ippon	In
"AKKADI", "CRACK", "GLOBE"		001 V Max	In	Impuls	In	Super Champ	In
"JUIC", "THREE NINE",		002 S Max	In	Impuls Speed	In	<b>07) AVALOX / AVX</b>	
"XIYING" and "XUSHAOFA".		003 K Max	In	Plasma	In	001 Purot	In
889	Out	004 Java	In	Rocket	In	002 Sogno	In
999 T-2	In	005 L3	Long	Start	In	Athlos	In
999 T-3	In	006 K3	Out	Trophy	In	Horme	In
Super 999 T	In	007 Hornet	In	Upgrade	In	Mo	Long
<b>105) ADIDAS</b>		008 999 Pro	In	<b>04) ARMSTRONG</b>		Pronte	In
001 Repulse 500	In	<b>89) AMSIR</b>		Aka Mark Max	Out	Sterco	In
002 Repulse 700	In	002 Fantasy	In	Attack 3 Type L	Out	<b>08) BANCO</b>	
003 P 3	In	003 Flutter	Long	Attack 3 Type M	Out	001 Extreme	In
004 R 4	In	005 Glory	In	Attack 8 Type L	Out	002 Dynamic	In
005 P 5	In	006 Luxury	In	Attack 8 Type M	Out	003 Ouragan	In
006 R 6	In	007 Sensation	Long	Attack 8 Type M EXX	Out	004 Megaspin	In
007 Tenzone	In	008 Surprise	Long	Conqueror	In	<b>005 Powerfeeling</b>	<b>In</b>
008 Tenzone SF	In	009 Victory	In	Conqueror SS	In	Allstar	In
009 Syntec	In	010 Shot	Out	Hikari Drive	In	Excellence	In
010 Syntec SF	In	<b>03) ANDRO</b>		Hikari SR7	In	Feeling	In
011 P 7	In	001 Roxon	In	Long Pimple	Out	Furio	In
012 Blaze Spin	Out	002 Roxon 500 Pro	In	New Anti Spin	Anti	Futura Energie	In
013 Blaze Speed	Out	003 Roxon 330	In	New Chopper	In	Perfect	In
014 Syntec Fast	In	004 Blowfish	Out	New Spirit Hi	In	Puissance	In
015 Sonic	In	005 Blowfish +	Out	Red Mark	In	Start **	In
016 Cruise	In	006 Chaos	Long	Red Mark Type 1-4	Out	Start ***	In
017 Touch Pro	In	007 Hexer	In	Rosin	Out	Variation Energy	In
018 Tenzone Ultra	In	008 Hexer +	In	Twister	Long	<b>12) BOMB</b>	
<b>019 Tenzone Ultra SF</b>	<b>In</b>	009 Revo Fire	In	Twister EXT	Out	001 Oscule	In
<b>020 Sonic A1</b>	<b>In</b>	010 Hexer Duro	In	Vector	In	Apex	In
<b>02) AHUAYI</b>		011 Hexer Pips	Out	W-a Ex x	Out	Bombard	In
001 666	In	012 Hexer Pips +	Out	Warrior	In	Hammer	Out
<b>106) AIR</b>		014 Shifter	In	<b>05) ARTENGO</b>		King Roc	Out
"AIR" is also used as part		015 Shifter Powersponge	In	001 930 A	In	Mopha	In
of a brand name for		016 Backside 2.0	In	003 920 S	In	Raider	In
"JOOLA".		017 Nightmare	In	004 950 S	In	Rex	In
001 Scirocco	In	018 Hexer HD	In	005 900 C	In	Talent	Long
002 Panamera	Out	019 Rasant	In	011 853 O	In	Tensa	In
		020 Impuls Powersponge	In	012 863 O	In	Ufo	In
				013 883 O	In	Violent	In
				014 893 O	In		

ITTF N°) SUPPLIER		ITTF N°) SUPPLIER		ITTF N°) SUPPLIER		ITTF N°) SUPPLIER	
Brand	Pimple	Brand	Pimple	Brand	Pimple	Brand	Pimple
<b>14) BUTTERFLY</b>		Tackiness-D	In	<b>118) DER-MATERIALSPEZIALIST</b>		Slice 40	In
001 Tenergy 05	In	Wakaba	In	001 Nightmare	Anti	Solo	In
002 Tenergy 25	In	West Will	Out	002 Beast	Anti	Sonex JP Gold	In
003 Tenergy 64	In	Yuki	In	003 Undertaker	Long	Twingo	In
004 Pan Asia - X	In	<b>15) CARREFOUR</b>		004 L.S.D. Long Super	Long	Vari-Slick	In
005 Spinart	In	Top Life	In	Defence	Long	Vario	In
006 Sriver G3	In	<b>16) CHAMPION</b>		<b>005 Spinparasite</b>	<b>Anti</b>	Vario Soft	In
007 Sriver G3 FX	In	"CHAMPION" is used as		<b>006 B.A.D. Best</b>	<b>Anti Defence</b>	<b>22) DONIER</b>	
008 Roundell	In	part of a brand name for		<b>007 Predator</b>	<b>Long</b>	Max	In
009 Tenergy 05 FX	In	"SCHILDKRÖT".		<b>008 Superwall</b>	<b>Long</b>	Max Attack	In
010 Tenergy 25 FX	In	001 V 7	In	<b>009 Hardcore</b>	<b>In</b>	Versus	In
011 Tenergy 64 FX	In	002 V 5	In	<b>010 Burnout</b>	<b>Out</b>	<b>23) DOUBLE FISH</b>	
012 Flarestorm II	Out	Hexa	In	<b>21) DONIC</b>		001 A One	In
013 Addoy	In	Khan	In	001 Coppa JO Platin	In	002 FA213	In
014 Wakaba	In	<b>136) CHEN HAI PAI</b>		002 Vario Gold	In	003 FC218	In
015 Pan Asia	In	001 888	Long	003 Alligator Def	Long	004 FS232	In
016 Yuki	In	<b>17) CORNILLEAU</b>		006 Baracuda	In	005 FL233	In
017 Dignics	In	001 *	In	007 Coppa Speed	In	006 8338	In
018 Tenergy 80	In	002 **	In	008 Baxster LB	Out	007 8484	In
019 Largestorm	Out	003 ***	In	009 Twister LB	Out	008 1615	Long
020 Tenergy 80 FX	In	004 ****	In	010 Vario Big Slam	In	009 815	In
<b>021 Lemuria</b>	<b>In</b>	005 *****	In	011 Acuda S1	In	010 820 A	Out
Addoy	In	006 *****	In	012 Acuda S2	In	011 830	In
Biriba	In [R]	007 Performa 1	In	013 Acuda S3	In	012 Volant	In
Black	In [B]	008 Performa 2	In	014 Coppa X1	In	013 Volant 2	In
Bryce	In	009 Pilot Advance	In	015 Coppa X2	In	014 Volant 3	In
Bryce FX	In	010 Pilot Power	In	016 Coppa X3	In	015 Athlon 1	In
Bryce Speed	In	013 Drive Style	In	017 Traction II	In	016 Athlon 2	In
Bryce Speed FX	In	014 Drive Control	In	018 Traction MS	In	017 Qiji	In
Catapult	In	015 Start Up'	In	019 Waldner Legend	In	815	In
Cermet	In	016 Pulse Racer	In	021 Vario Sound	In	820A	Out
Challenger Attack	Out	017 Pulse Rider	In	022 Alligator Anti	Anti	830	In
Challenger Large	Out	018 Target Ultim	In	023 Anti Classic	Anti	1615	Long
Driver	In [R]	019 Target Sound	In	024 Acuda S1 Turbo	In	8338	In
Ekrips	In	020 Target Force	In	025 Bluefire M1	In	8484	In
Feint AG	Long	<b>021 Target Pro GT</b>	<b>In</b>	026 Bluefire M2	In	F.A. 213	In
Feint Long II	Long	<b>022 Pilot Fast</b>	<b>In</b>	027 Bluefire M3	In	FC218	In
Feint Long III	Long	<b>023 Pilot Sound Power</b>	<b>In</b>	029 Bluefire JP 01	In	F.L. 233	In
Feint-Ox	Long	<b>024 Drive Speed</b>	<b>In</b>	030 Bluefire JP 03	In	FS232	In
Feint-Soft	Long	<b>025 Drive Spin</b>	<b>In</b>	031 Bluefire KR	In	Volant	In
Flarestorm	Out	<b>18) CRACK</b>		<b>032 Bluefire M1 Turbo</b>	<b>In</b>	<b>24) DOUBLE HAPPINESS / DHS</b>	
Flextra	In	999	In	<b>033 Bluefire JP 01 Turbo</b>	<b>In</b>	001 Hurricane	In
Fräulein	In	Master	In	<b>034 Bluefire JP 02</b>	<b>In</b>	002 Hurricane II	In
Large 44 DX	Out	SP	In	*	In	003 Skyline	In
Magnitude	Long	Twister	In	**	In	004 PF4	In
Morim	In	<b>99) CTT</b>		***	In	005 Skyline II	In
Orthodox-DX,103	Out	001 National Pride	In	Akkadi K1	Out	006 Skyline III	In
Pan Asia	In	002 National Strike	In	Akkadi K2	Out	008 Memo	In
Raystorm	Out	003 National Pogo	Long	Akkadi L1	Long	009 Memo II	In
Rein	Out	004 National Hero	In	Akkadi L2	Long	010 Memo III	In
Relop Attack	Long	<b>19) DARKER</b>		Akkadi Taichi	In	011 TNT	In
Sapphira	In	001 Turbo 70	In	Alpha-Slick	In	012 TNT II	In
Selvid	In	002 Jayro	Long	Baxster	Out	013 6512	In
Soft	In	<b>003 Leone</b>	<b>In</b>	Coppa	In	014 PF4-1	In
Solcion	In	Provine	In	Coppa JO Gold	In	015 G555	In
Speedy-P.O.	Out	Spalbird	In	Coppa JO Silver	In	016 G666	In
Sprier	In	<b>20) DAWEI</b>		Coppa Tagora	In	017 G777	In
Sriver EL	In	2008	In	Coppa Tenero	In	018 G888	In
Sriver FX	In	388A	In	Desto F1	In	019 TNT III	In
Sriver G2	In	388A-4	In	Desto F2	In	020 Magician	In
Sriver G2 FX	In	388C-1	Out	Desto F3	In	021 Magician II	In
Sriver L	In	388D	Long	Duo	In	022 Magician III	In
Sriver S	In	388D-1	Long	Easy-Slick	In	023 Dipper	In
Stayer	In	Inspirit	In	Liga	In	024 Dipper II	In
Super Anti	Anti	Saviga	In	Piranja FD TEC	Long	025 Dipper III	In
Super-Sriver	In	Saviga V	Long	Quattro	In	026 C7	Out
Tackifire-C	In			Quattro A'Conda	In	027 C8	Long
Tackifire-D	In			Quattro Formula	In	028 Cloud & Fog II	Long
Tackifire SP	In					029 Cloud & Fog III	Long
Tackiness-C	In						
Tackiness-C II	In						

ITTF N°) SUPPLIER	
Brand	Pimple
030	651 Out
031	652 Out
032	874 Out
033	Dragonow Out
034	Sharping Out
035	Nittaku Hurricane II In
036	Nittaku Hurricane III In
037	Nittaku Hurricane Pro II In
038	Nittaku Hurricane Pro III In
043	Sharping Nittaku Out
044	Nittaku C7 Out
045	Tin Arc In
046	Tin Arc II In
047	Tin Arc III In
048	Gold Arc In
049	Gold Arc II In
050	Gold Arc III In
051	Tin Arc 5 In
052	Nittaku Tin Arc 5 In
054	Hurricane 8 In
055	Hurricane 9 In
108	Hurricane III In
651	Out
652	Out
6512	In
874	Out
C7	Out
C - 8	Long
Cloud & Fog II	Long
Cloud & Fog III	Long
Dipper	In
Dipper II	In
Dipper III	In
Dragonow	Out
G555	In
G666	In
G777	In
G888	In
Hurricane	In
Hurricane II	In
Hurricane III	In
Magician	In
Magician II	In
Magician III	In
Memo	In
Memo II	In
Memo III	In
Nittaku C 7	Out
Nittaku Hurricane II	In
Nittaku Hurricane III	In
Nittaku Hurricane Pro II	In
Nittaku Hurricane Pro III	In
PF4	In
PF4-1	In
Sharping	Out
Sharping Nittaku	Out
Skyline	In
Skyline II	In
Skyline III	In
TNT	In
TNT II	In
TNT III	In
<b>25) DOUBLE POWER</b>	
No. 3080	In
<b>26) DR NEUBAUER</b>	
001 Special Defence	In
002 Goliath	In

ITTF N°) SUPPLIER	
Brand	Pimple
003	Monster Classic Long
004	Boomerang Classic Long
005	Gorilla Anti
006	Grizzly Anti
007	Anti Special Anti
008	A - B - S Anti
009	Fighter Long
010	Inferno Classic Long
011	Desperado Long
012	Terminator Out
013	Allround Premium Long
014	Killer Out
015	Number 1 Long
Diamant	Out
Domination	In
Leopard	Out
Pistol	Out
Tornado Ultra	Out
<b>107) DUNLOP</b>	
080	Evolution Max In
090	Revolution Max In
100	Revolution Max II In
<b>143) EFFORTER</b>	
<b>001 Tank</b>	<b>Out</b>
<b>139) FÖERSTER</b>	
001 H-OF <sup>2</sup>	In
002 OFF4JET	In
003 ***	In
<b>27) FRIENDSHIP</b>	
"FRIENDSHIP" is also used as part of a brand name for "KOKUTAKU", "WINNING".	
001 R.I.T.C. 729 - 5	In
002 R.I.T.C. 755 - 2	Long
004 R.I.T.C. 729 - 08	In
005 729 105	Out
006 729 Battle	In
007 729 Battle II	In
008 729 Origin	In
009 729 Aurora	In
729 Focus	In
729 Focus II	In
729 Focus III	In
729 High Point	In
R.I.T.C. 563	Out
R.I.T.C. 563-1	Out
R.I.T.C. 729	In
R.I.T.C. 729-2	In
R.I.T.C. 729-3	In
R.I.T.C. 729-40H	In
R.I.T.C. 729-40S	In
R.I.T.C. 729 Cream	In
R.I.T.C. 729 Dr. Evil	Out
R.I.T.C. 729 Faster	In
R.I.T.C. 729 GeoSpin	In
R.I.T.C. 729 GeoSpin Tacky	In
R.I.T.C. 729 Higher	In
R.I.T.C. 729 SP	In
R.I.T.C. 729 SST	In
R.I.T.C. 755	Long
R.I.T.C. 799	Out
R.I.T.C. 802	Out
R.I.T.C. 802-1	Out
R.I.T.C. 802-40	Out
R.I.T.C. 804	Anti
R.I.T.C. 837	Long
R.I.T.C. 2000 Tack-Speed	In
Sky-Wing	In

ITTF N°) SUPPLIER	
Brand	Pimple
Super 729 FX	In
Top Point	In
<b>28) GAMBLER</b>	
001 Wraith	In
002 Shadow	In
003 Reflectoid	In
4 Kings	In
Aces	In
Outlaw	In
Peace Keeper	Out
Six Shooter	In
<b>112) GENOTE</b>	
001 Peak-Power	In
<b>29) GEWO</b>	
001 Proton	In
002 Stratos	In
003 Reflexx	In
004 Thunderball <sup>2</sup>	In
005 Return	In
006 Flexxon	In
<b>007 Nanoflex</b>	<b>In</b>
<b>008 Return Pro</b>	<b>In</b>
Mega Flex Control	In
Nano	In
Target airTEC	In
<b>30) GIANT DRAGON</b>	
001 Taichi	In
002 Karate	In
003 Meteorite	Long
004 Giant Long	Long
005 Allround	In
006 Guard	Anti
007 Submarine	In
008 Topenergy	In
009 Superspin G3	In
010 Superspin G4	In
011 Superveloce V12	In
012 Dragon Talon	Long
013 Snowflake	Long
014 Cropcircles	Long
015 Blast	Out
016 612	Out
017 Attack Long	Long
018 Commander	In
019 Storm	In
020 Future	In
021 Soft Anti	In
022 Peril Anti	In
807	In
8086	In
8087	In
8088	In
8228 A	Out
8228 B	In
Extsped	In
Maxspin	In
Superspeed	In
Superspin	In
Superspin G2	In
<b>31) GKI</b>	
001 Nano Sting	Long
002 Euro Chelonz	In
004 ChelonZ HybridZ	In
005 HybridZ GX	In
<b>006 Hybridz Power</b>	<b>In</b>
Euro Jumbo	In
Euro Spintec	In
Euro XX	In

ITTF N°) SUPPLIER	
Brand	Pimple
Nano Attack	Out
Nano Force	In
<b>32) GLOBE</b>	
"GLOBE" is also used as part of a brand name for "XUSHAOFA".	
001 Mo Wang	Long
002 Mo Wang II	Long
003 888 II	Out
004 Do	In
888	Out
889	Out
889-2	Out
979	Long
999	In
999T	In
Awala	In
Jinxuanfeng II	In
Jinxuanfeng III	In
Liqin	In
Magicwand	In
Prize	In
Taiphoon Gold	In
Tropy	In
Trump Card	In
<b>86) GUO AO</b>	
001 718	In
<b>34) GUOQIU</b>	
001 Gong Fu	In
AB	In
FF	In
HB	In
MG	Long
MG II	Long
SS	Out
<b>90) HAIFU</b>	
001 Whale	In
002 Shark	In
003 Penguin	Out
004 Dolphin	Out
005 Whale III	In
006 Shark III	In
007 Pirates 07	In
008 Pirates 08	In
009 Octopus	Long
010 O. Orca	In
011 Otariidae	In
<b>145) HAITIAN</b>	
<b>001 Hippocampus Speed In</b>	
<b>35) HALLMARK</b>	
002 Podium	In
004 Pheonix	Long
005 Friction Special 2	Long
006 Green Power	In
Frustration	Long
Half Long	Out
Magic Pips	Out
Mirage	Anti
Panther	Out
Power Spin	In
<b>104) HUARUITE</b>	
001 Wujilong	In
<b>36) IMPERIAL</b>	
001 Factor	In
002 Spinbreaker	Long
China	In

ITTF N°) SUPPLIER		ITTF N°) SUPPLIER		ITTF N°) SUPPLIER		ITTF N°) SUPPLIER	
Brand	Pimple	Brand	Pimple	Brand	Pimple	Brand	Pimple
Crash	In	006 Nano Spin II	In	012 Rapid Soft	In	Pluto	Out
Cyber Tacky	In	007 T+	In	013 Recoil	In	Saturn	In
Force	In	008 J9+	In	014 Rapid Power	In	Venus	In
Rubber 11 20 one	In	<b>009 Plarge</b>	<b>Out</b>	015 Blue Ocean	In	<b>50) MIZUNO</b>	
Rubber 45 20 one	In	999	In	016 Ping Pong Prince	In	001 Charge SS	In
Super Strike	In	999 Élite	In	<b>102) KTS</b>		002 Plaudit MF	In
Swift	In	Couga	In [B]	002 Galaxy	In	003 Quasar	In
<b>147) INZONE</b>		Dany V	In	003 Tachyon	In	004 Quasar MF	In
<b>001 Evolve</b>	<b>In</b>	DrivaSmash	In	<b>140) L.D.T.T</b>		005 Booster HP	Out
<b>002 Progress</b>	<b>In</b>	DrivaSmash SV	In	001 EA777	In	006 Opti	In
<b>003 Control</b>	<b>In</b>	Driva Smash Ultima	In	<b>46) LION</b>		007 Rookie	In
<b>004 Spin</b>	<b>In</b>	Leggy R	Long	001 Roar	In	Booster EV	Out
<b>38) JAPTEC</b>		Masterspin	Out	002 Claw	Long	Booster SA	Out
Balance	In	Masterspin II	Out	003 Star	In	Charge	In
DL - 01	Long	NanoCannon	In	004 2 Stars	In	Charge MF	In
Experience	In	Neo Anti	Anti	005 3 Stars	In	ChargePro	In
Performance	In	Offense	Out	006 Super 3	In	Plaudit	In
Precision	In	Patisuma	Out	007 5 Stars	In	Polaris	Out
<b>40) JOOLA</b>		Patisuma II	Out	008 Aggressor	In	Unison	In
001 Express	In	PipsAce	Out	009 Allrounder	In	<b>142) MYESTRO°</b>	
002 Shark	Long	Scramble	In	010 Elite Control	In	<b>001 m500</b>	<b>In</b>
003 Orca	Long	Scramble 21	In	011 Rebirth	Out	<b>002 m300</b>	<b>In</b>
004 Amy	Anti	SpinSpiel	In	2 Stars	In	<b>51) NB ENEBE</b>	
006 Express Ultra	Out	<b>42) KETTLER</b>		3 Stars	In	*	In
007 Phénix	In	Coach	In	5 Stars	In	**	In
008 X-Plode	In	Master	In	Aggressor	In	***	In
009 Brave	In	Professional	In	Allrounder	In	Pro	In
010 Turbo	In	<b>43) KILLERSPIN</b>		Elite Control	In	<b>91) NEOTTEC</b>	
011 Samba +	In	001 Blast	In	International	In	001 Hinomi	In
013 Rhyzm	In	002 Fortissimo	In	Scirocco	In	002 Iken	In
014 UPP	In	003 GT 2	In	SS 800	In	003 Katana	In
015 Maxxx	In	Nitrx-4Z	In	Star	In	004 Tokkan	Long
016 Novic	In	<b>144) KIM TAEK SOO</b>		Super 3	In	005 Maxima	In
<b>017 Maxxx-P</b>	<b>In</b>	<b>001 K7</b>	<b>In</b>	Typhoon	In	006 Enkei	In
<b>018 Rhyzm-P</b>	<b>In</b>	<b>002 K5</b>	<b>In</b>	XA 900	In	<b>94) NEXY</b>	
<b>019 Infinity</b>	<b>In</b>	<b>003 K3</b>	<b>In</b>	<b>47) LKT</b>		001 Demian	In
4 all	In	<b>004 Z808</b>	<b>In</b>	001 Rapid Speed	In	002 Kairos	Out
4 You	In	<b>005 Large King</b>	<b>In</b>	002 Rapid Power	In	003 Chaos	Long
air !	In	<b>006 Exodus</b>	<b>In</b>	003 Rapid Sound	In	004 Elpis	In
Anti Topspin Toni Hold	Anti	<b>44) KINSON</b>		004 Rapid Soft	In	<b>53) NIMATSU</b>	
Badman	Long	Perfect	In	005 Black Power	In[B]	001 Chimera	In
Basic	In	Super Spin	In	006 Red Diamond	In[R]	002 Zerberus	Long
Compass	In	<b>45) KOKUTAKU</b>		Recoil	In	Hurricane	In
Drum	In	Big Star	In	Torrent E.G.S.	In	Pegasus	In
Energy	In	BLütenkirsche 868	In	<b>48) METEOR</b>		Scorpion	In
Energy X-tra	In	BLütenkirsche 868 Tokyo	In	575	Long	Spinfighter ***	In
Fiesta	In	Clitter	Out	71-1	Long	XX5	In
GX 75	In	Friendship 729 Super	In	71-2	Out	<b>54) NITTAKU</b>	
Mambo	In	Spec-V	In	813	In	<b>"NITTAKU" is also</b>	
Mambo C	In	Spindle	In	835	In	<b>used as part of some</b>	
Mambo GP	In	Synchron	In	845	Long	<b>brand names for "DOUBLE</b>	
Mambo H	In	Tuple 007	In	8512	Long	<b>HAPPINESS/DHS".</b>	
Octopus	Long	Tuple 007 Taiwan	In	9012	Long	001 Moristo RS	In
Peking	In	Tuple 110	Out	<b>49) MILKY WAY</b>		002 Renanos Bright	In
Samba	In	Tuple 119	Out	001 Apollo	In	003 Specialist Hibiki	Out
Samba NTec	In	Tuple 911	Long	002 Sun	In	004 Narucross 44	Out
Smart	In	<b>110) KTL</b>		003 Moon	In	005 Annsort	In
Smash	In	001 Black Power	In [B]	004 Moon Speed	In	006 Hammond FA Speed Out	
Tango	In	002 Red Diamond	In [R]	007 Big Dipper	In	007 Hammond Pro β	In
Tango Extrem	In	003 Stranger	Long	010 Qing	Long	008 Renanos BS	In
Tango Ultra	Out	004 Golden Star	In	011 Uranus Poly	Out	009 Renanos Hold	In
Teacher	In	005 Magic Power	Out	955	Long	011 Narucross GS	In
Thema	In	006 Pro XP	In	9000	In	012 Learner	In
Topspin	In	007 Pro XT	In	Earth	In	013 Wallest	Long
Tramp	In	008 Panther	In	Jupiter	In	015 Fastarc G-1	In
<b>41) JUIC</b>		009 Falcon	In	Mars	In	016 Fastarc S-1	In
001 Aircondle	In	010 Rapid Speed	In	Mercury	In	017 Galze	In
004 Nanospin	In	011 Rapid Sound	In	Neptune	Long		
005 Patisuma III	Out						

ITTF N°) SUPPLIER		ITTF N°) SUPPLIER		ITTF N°) SUPPLIER		ITTF N°) SUPPLIER	
Brand	Pimple	Brand	Pimple	Brand	Pimple	Brand	Pimple
018 Royallarge	Out	<b>58) PRASIDHA</b>		002 Uno	In	Clippa	Out
019 Retora	In	001 Apple	In	003 Aconda Power	In	Cobra 2000	In
020 Flyatt	In	002 Titan	In	<b>108) SPINLORD</b>		Destroyer	Long
021 Pimple Slide	Out	003 Long 1615	Long	001 Marder	In	Doer	In
022 Revspin	In	004 Master	In	002 Tiger	In	Drive	In
023 Jewellarge	Out	820	Out	003 Adler	In	Energy Absorber	Anti
024 P 12	In	830	In	004 Zeitgeist	Long	Evo	In
025 Fastarc C-1	In	Action	Out	005 Stachelfeuer	Long	Future	In
026 Zalt	In	Frankfurt	In	006 Dornenglanz	Long	Innova	In
027 Alhelg	In	Hamburg	In	007 Irbis	In	Innova Premium	In
029 Lonfrict	Long	Long-A	Long	008 Blitzschlag	Long	Innova Ultra Light	In
<b>030 Beauty</b>	<b>Out</b>	Osaka	In	009 Degu	Out	Innova Ultra Light	In
Arufeel	In	Speed - F	Out	010 Feuerstich	Long	Synergy Tech	In
Best Anti	Anti	Tokyo	In	011 Waran	Out	Magic	In
Express	Out	Twister 8338	In	<b>012 Sternenfall</b>	<b>Long</b>	Magna	In
Hammond	In	<b>60) REACTOR</b>		<b>013 Agenda</b>	<b>Long</b>	Mendo	In
Hammond FA	Out	001 Mirage	Out	<b>93) SPOKEY</b>		Mendo Energy	In
Hammond Pro a	In	002 Rafale	Out	001 Master	In	Mendo MP	In
Hammond-X	In	003 Pioneer	Out	<b>67) STAG</b>		Neos	In
Japan Original	In	Boaz	In	002 Peter Karlsson Training	In	Neos Sound	In
Magic Carbon	In	Ckylin	In	004 Championship	In	Neos Sound Synergy Tech	In
Micro	In	Corbor	In	005 International	In	Neos Synergy Tech	In
Moristo 2000	In	Novar	In	006 Power Drive Plus	In	Neos Tacky	In
Moristo 44	Out	Sonix	In	007 Official	In	Optimum MP	In
Moristo DF	In	Thunder	In	008 Peter Karlsson Gen-II	In	Premium	In
Moristo LP	Long	Tornado	In	009 Tec	In	Radical	Out
Moristo LP One	Long	<b>61) RUCANOR</b>		010 Super	In	Royal	Out
Moristo SP	Out	001 Competition	In	011 Power Drive	In	Stream	In
Narucross EX	In	Competition	In	012 All Round	In	Triumph	In
Nodias	In	Mogi Ura	In	013 Thunder Spin Plus	In	<b>69) SUNFLEX</b>	
Pimplemini	Out	Orient	In	Ninja Attack	In	001 Expert Xonox	In
Pimplemini One	Out	TTB-150	In	Ninja Fire	In	002 Expert Zeno	In
Refoma	In	<b>87) SAN - EI</b>		<b>121) STARWOOD</b>		003 Anti Loop	Anti
Renanos	In	001 Taipan	In	001 Speed	In	AF 50	In
Screw	Long	<b>62) SANWEI</b>		002 Spin	In	BZ 60	In
Screw One	Long	001 Target	In	003 Power	In	Mandarin	In
Specialist Chikara	Out	002 Rings Link	In	004 Alfa 3	Long	Mikado	In
Specialist One	Out	003 Gears	In	005 Bravo	Out	Mogul	In
Specialist Soft	Out	005 Ghost	Out	006 Alfa 9	Long	Samurai	In
Specialist Soft HS	Out	006 Code	Long	007 Bravo 8	Out	Shogun	In
Spiral	In	007 T88 Taiji	In	<b>008 Naruwan</b>	<b>In</b>	Sun-Control	In
Super Large	Out	008 T88	In	<b>68) STIGA</b>		Sun-Power	In
<b>55) PALIO</b>		009 T88 - I	In	001 Boost TP	In	Taipan	In
001 Macro ERA	In	010 T88 - II	In	002 Boost TC	In	<b>70) SWORD</b>	
002 Conqueror	In	011 T88 - III	In	003 Boost TS	In	001 Break	In
003 Flying Dragon	Out	012 A+	In	004 Boost TX	In	002 Paladin	In
004 Power Dragon	Out	<b>130) SAUER&amp;TRÖGER</b>		005 JMS EVO 1	In	003 Scylla	Long
005 Thor's	In	001 Hellfire	Long	006 Magna TC II	In	005 Maze	In
006 Blit'z	In	<b>002 Secret Flow</b>	<b>In</b>	007 Magna TS II	In	006 Nano	In
<b>007 The Way</b>	<b>In</b>	<b>113) SAVIGA</b>		008 Calibra LT	In	007 Flute	In
<b>008 Aeolus</b>	<b>In</b>	"SAVIGA" is also used as part of a brand name for "DAWEI".		009 Calibra LT Sound	In	008 Paladin II	In
AK47	In			010 Power LT	In	<b>009 Titan</b>	<b>In</b>
Amigo	In			011 S	In	010 Long Can	Out
CJ8000	In			012 S1	In	<b>011 Song</b>	<b>Out</b>
CK531A	Long			013 S2	In	<b>012 Dance</b>	<b>Out</b>
Drunken Dragon	In			014 S3	In	<b>013 Zeus</b>	<b>In</b>
Emperor Dragon	In			015 S4	In	<b>015 Ares</b>	<b>In</b>
Hadou	In			016 S5	In	2000-F	In
Hidden Dragon	In			017 Calibra LT Plus	In	Hero	In
HK1997	In			018 Calibra LT Spin	In	King	In
Macro	In			019 Magna TX	In	RG	In
Macro Pro	In			020 Calibra Tour S	In	<b>72) TECNOPRO</b>	
Wildish Dragon	In			021 Calibra Tour M	In	Competition	In
WP1013	Out			022 Calibra Tour H	In	Expert	In
<b>56) PEACE</b>				<b>023 Airoc S</b>	<b>In</b>	Supercom	In
"PEACE" is also used as part of a brand name for "GAMBLER".				<b>024 Airoc M</b>	<b>In</b>	Tournament	In
001 LGO 44	Out			Almana	In	<b>73) THREE NINE</b>	
C'oma	In			Almana Sound	In	999 T-1	In
Leo	In			Almana Sound	In	<b>127) THREE SWORD</b>	
Nova	In			Synergy Tech	In	001 Gallop	In
Vela	In			Carbo	In	002 Prompt	In
<b>57) POINT BLANK</b>				Carbo MC	In	003 Leap	In
Topgun	In			Carbo Sound	In		
				China Extreme	In		
				Chop & Drive	In		

ITTF N°) SUPPLIER		ITTF N°) SUPPLIER		ITTF N°) SUPPLIER		ITTF N°) SUPPLIER	
Brand	Pimple	Brand	Pimple	Brand	Pimple	Brand	Pimple
<b>74) TIBHAR</b>		Actor	In	<b>009 VS &gt; 402 Limber In</b>		999	In
001 Sinus	In	Barri - Up	In	<b>010 VS &gt; 402 Double</b>		<b>81) XUSHAOFA</b>	
002 Grass Flex	Out	Bjorn	In	<b>Extra</b>	<b>In</b>	999	In
003 Grass Ultra	Long	Bolt	In	<b>129) VTEC</b>		999 LSZ	In
004 Primus	In	Brio	In	001 V I	In	999 ZCD	In
005 Genius	In	Curl P-1 R	Long	<b>109) WIN</b>		Globe 999	In
006 Nianmor	In	Curl P-2	Out	001 Spear	In	<b>82) YAPING</b>	
007 Aurus	In	Curl P-3	Long	002 Aegis	In	139	In
008 Grip - S	In	Curl P-3a R	Long	003 Axe	In	<b>83) YASAKA</b>	
009 Genius +	In	D-Top	In	004 Bow	In	001 Pryde	In
010 Mythik	Long	Giant	In	<b>78) WINNING</b>		002 Pryde 30	In
012 Evolution FX - P	In	Hiyaku	In	738 Super	In	003 Xtend LB	Out
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
019 5Q +	In	Super Spinpips	Out	NP - 6	Out	011 Mark V HPS	In
<b>020 Volcano +</b>	<b>In</b>	Tarbit	In	NP - 8	Out	012 Mark V HPS Soft	In
Bungee	In	T - Rex	In	<b>79) XIOM</b>		013 Rakza PO	Out
Dang	In	Triple	In	002 Zeta	In	016 Xtend SD	In
Ellen	Anti	Tyranno	Out	003 Omega IV	In	017 Spinat	Out
Extra Long	Long	UQ	In	007 Sigma III	In	<b>018 RakzaX</b>	<b>In</b>
Grass	Long	X's	In	008 Vega Europe	In	Anti Power	Anti
Grass D. TecS	Long	X's F-1	In	009 Vega Asia	In	A-1-2 A-1	Out
Learn Cont	In	X's F-1 V	In	011 Zava 1	Out	A-1-2 A-2	Out
Learn Spin	In	<b>126) TTATOZ</b>		012 Vega Pro	In	Cobalt α	Out
Legend	In	001 TTATOZ Spin	In	013 Vega Elite	In	Cobalt X1	Out
Nimbus	In	002 TTATOZ Speed	In	014 Tau I	In	Cobalt X2	Out
Norm	In	003 TTATOZ 44	Out	015 Tau II	In	Extreme Speed	In
Phantom	In	004 TTATOZ Out	Out	017 Omega IV Pro	In	Fusion	In
Rapid	In	005 TTATOZ Long	Long	018 Omega IV Asia	In	Large Pro	Out
Rapid D. TecS	In	006 TTATOZ Basic	In	019 Omega IV Europe	In	Mark V	In
Rapid Soft	In	007 TTATOZ Power	In	020 Omega IV Elite	In	Mark V AD	In
Rookie D. TecS	In	<b>96) TUTTLE</b>		023 Vega China VH	In	Mark V GPS	In
Samurai	In	001 Beijing	In	024 Vega China VM	In	Mark V M <sup>2</sup>	In
Serie 2000	In	002 World No. 1	In	025 Zava II	Out	Mark V XS	In
Speedy Soft	Out	004 LV	In	026 Sigma I Pro	In	New Era	In
Speedy Soft D. TecS	Out	005 888	In	027 Sigma I Europe	In	Original	In
Speedy Spin	In	006 Spring - 3B	In	028 Omega II	In	Original	Out
Speedy Spin Premium	In	007 Summer - 3C	Out	029 Omega III	In	Original A-1	Out
Standard	In	008 Autumn - 3D	Long	030 Sigma II Europe	In	Original A-2	Out
Storm	In	009 Winter - 3E	Out	031 Musa I	In	Original Extra	In
Super Defense 40	In	010 Prevention Arc	Anti	032 Musa II	In	PB-1	Out
Vari Spin	In	011 A 380 Sky	In	033 Vega Japan	In	Phantom 007	Long
Vari Spin D. TecS	In	012 2013 Positive Energy	In	034 Sigma II Pro	In	Phantom 008	Long
Volcano	In	<b>013 2015 Good</b>	<b>In</b>	035 Omega V Tour	In	Phantom 009	Long
<b>75) TONI HOLD</b>		<b>014 2018 VIP</b>	<b>In</b>	036 Omega V Pro	In	Phantom 0011 ∞	Long
<b>"TONI HOLD"</b> is also used as part of a brand name for <b>"JOOLA"</b> .		<b>85) V 3 TEC</b>		038 MUV° Prospin	In	Phantom 0012 ∞	Long
Anti Topspin New 40	Anti	001 Spin Attack X3	In	039 MUV° Eurospin	In	Top 12	In
<b>76) TSP</b>		002 Fast Control S1	In	040 MUV° Hypspin	In	Vision	In
001 Curl P-H	Long	003 Power Drive Y5	In	041 MUV° Vspin	In	V Stage	In
004 Grandy	In	<b>123) VALOR</b>		042 Omega V Asia	In	Wallie	In
005 Agrit	In	001 Premier	Out	043 Omega V Europe	In	Xtend	In
006 Agrit Speed	In	<b>117) VICTAS</b>		Omega I	In	Xtend HS	In
007 Rise	In	001 VO > 101	Out	Omega II	In	Xtend PO	Out
008 Rise Speed	In	002 VLB > 301	Out	Omega III	In	Zap	In
009 Curl P-4	Long	003 VS > 401	In	True - Innovation	In	<b>84) YASHIMA</b>	
010 Spin Magic	Out	004 VS > 402	In	Yanus - DF	In	Competition XR3000	In
011 Ventus Speed	In	005 VO > 102	Out	<b>80) XIYING</b>		Upper Spin	
012 Ventus Spin	In	006 V > 01	In	001 999 Sharing Limbo	In	Competition XR 7	In
013 Ventus Soft	In	007 V > 01 Limber	In	889	Out	XX 3	In
730	In	008 V > 01 Stiff	In	979	Long	XX 5	In

