

**LARC (LIST AUTHORISED RACKET COVERINGS) N°31 1 JULY 2010 – 31 DECEMBER 2010**  
 Also available on the Internet: [www.ittf.com](http://www.ittf.com) (Home, Equipment, Racket Coverings)  
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The new rubbers entering List 31 will be in **bold** and *italics* and are valid with immediate effect.

Dark sponge (black, blue, brown, green, purple, red) should not be used under translucent red coverings (most red coverings are translucent). It is the player's responsibility to use a racket covering which appears bright red, and the use of a dark sponge under a translucent top sheet is likely to make the rubber illegal. Even if racket coverings appear in this List without reference to sponge, the Law 2.4.3. governs the use of sponge.

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 List of Authorized Racket Coverings. However, the brand name given in the list 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 this List:**

1. Make certain that you have the correct list (see date of validity): they are 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 List. 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.

\* Indicates a version available with a textile reinforcement, intended to be used without sponge.

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>01) 999</b>                                                                                                             |             | 004 Blowfish                   | Out         | New Spirit Hi           | In          | Mo                                                                    | Long        |
| <div>"999" is also used as part of a brand name for "CRACK", "GLOBE", "JUIC", "THREE NINE", "XIYING" and "XUSHAOFA".</div> |             | 005 Blowfish +                 | Out         | Red Mark                | In          | Pronte                                                                | In          |
|                                                                                                                            |             | 006 Chaos                      | Long        | Red Mark Type 1-3       | Out         | Purot                                                                 | In          |
|                                                                                                                            |             | 007 Hexer                      | In          | Red Mark Type 1-4       | Out         | Sogno                                                                 | In          |
|                                                                                                                            |             | 008 Hexer +                    | In          | Red Mark Type 1-5       | Out         | Sterco                                                                | In          |
|                                                                                                                            |             | 009 Revo Fire                  | In          | Rosin                   | Out         |                                                                       |             |
| <b>889</b>                                                                                                                 | <i>Out</i>  | <b>010 Hexer Duro</b>          | <i>In</i>   | Twister                 | Long        | <b>08) BANCO</b>                                                      |             |
|                                                                                                                            |             | Backside                       | In          | Twister EXT             | Out         | 001 Extreme                                                           | In          |
| <b>105) ADIDAS</b>                                                                                                         |             | Classic                        | Out         | Vector                  | In          | 002 Dynamic                                                           | In          |
| 001 Repulse 500                                                                                                            | In          | EX - 8                         | In          | W-α Ex x                | Out         | <b>003 Ouragan</b>                                                    | <i>In</i>   |
| 002 Repulse 700                                                                                                            | In          | Focus                          | In          | Warrior                 | In          | Allstar                                                               | In          |
| <b>003 P 3</b>                                                                                                             | <i>In</i>   | Impuls                         | In          |                         |             | Diva Energie                                                          | In          |
| <b>004 R 4</b>                                                                                                             | <i>In</i>   | Impuls Speed                   | In          | <b>05) ARTENGO</b>      |             | Dreamfire                                                             | In          |
| <b>005 P 5</b>                                                                                                             | <i>In</i>   | Logo                           | Out         | 001 930 A               | In          | Excellence                                                            | In          |
| <b>006 R 6</b>                                                                                                             | <i>In</i>   | LP - 22                        | Long        | 003 920 S               | In          | Feeling                                                               | In          |
|                                                                                                                            |             | Plasma                         | In          | 004 950 S               | In          | Furio                                                                 | In          |
| <b>02) AHUAYI</b>                                                                                                          |             | Revolution                     | In          | 005 900 C               | In          | Futura Energie                                                        | In          |
| 666                                                                                                                        | In          | Revolution C.O.R.              | In          | 006 910 A               | Out         | Impact Energie                                                        | Out         |
|                                                                                                                            |             | Revolution C.O.R. <sup>2</sup> | In          | <b>007 851 O</b>        | <i>In</i>   | Perfect                                                               | In          |
| <b>106) AIR</b>                                                                                                            |             | Revolution C.O.R Pips          | Out         | <b>008 861 O</b>        | <i>In</i>   | Puissance                                                             | In          |
| <div>"AIR" is also used as part of a brand name for "JOOLA".</div>                                                         |             | Revolution Fire                | In          | <b>009 881 O</b>        | <i>In</i>   | Start ★★                                                              | In          |
|                                                                                                                            |             | Revolution Quad                | In          | 700 O                   | In          | Start ★★★                                                             | In          |
|                                                                                                                            |             | Rocket                         | In          | 702 O                   | In          | Variation Energy                                                      | In          |
|                                                                                                                            |             | Start                          | In          | 850 O                   | In          |                                                                       |             |
|                                                                                                                            |             | Trophy                         | In          | 860 O                   | In          |                                                                       |             |
| 001 Scirocco                                                                                                               | In          | Upgrade                        | In          | 880 O                   | In          |                                                                       |             |
| 002 Panamera                                                                                                               | Out         | Zenith-G                       | In          | 900 A                   | In          | <b>10) BEST</b>                                                       |             |
| 003 Upupupup                                                                                                               | Long        |                                |             | 900 C                   | In          | <div>"BEST" is also used as part of a brand name for "NITTAKU".</div> |             |
| <b>004 Classique</b>                                                                                                       | <i>Out</i>  | <b>04) ARMSTRONG</b>           |             | 900 S                   | In          |                                                                       | ★★          |
| <b>005 Illumina</b>                                                                                                        | <i>In</i>   | Aka Mark Max                   | Out         | 930 S                   | In          |                                                                       | ★★★         |
| <b>89) AMSIR</b>                                                                                                           |             | Attack 3 Type L                | Out         | 940 S                   | In          | <b>12) BOMB</b>                                                       |             |
| 002 Fantasy                                                                                                                | In          | Attack 3 Type M                | Out         |                         |             | Apex                                                                  | In          |
| 003 Flutter                                                                                                                | Long        | Attack 8 Type L                | Out         | <b>06) ATEMI</b>        |             | Bombard                                                               | In          |
| 005 Glory                                                                                                                  | In          | Attack 8 Type M                | Out         | Ace                     | In          | Hammer                                                                | Out         |
| 006 Luxury                                                                                                                 | In          | Attack 8 Type M EXX            | Out         | Advantage               | In          | King Roc                                                              | Out         |
| 007 Sensation                                                                                                              | Long        | Conqueror                      | In          | Challenge               | In          | Mopha                                                                 | In          |
| 008 Surprise                                                                                                               | Long        | Conqueror SS                   | In          | Debut                   | In          | Raider                                                                | In          |
| 009 Victory                                                                                                                | In          | Hikari Drive                   | In          | Fight Power             | In          | Rex                                                                   | In          |
| 010 Shot                                                                                                                   | Out         | Hikari SR7                     | In          | Ippon                   | In          | Talent                                                                | Long        |
| <b>03) ANDRO</b>                                                                                                           |             | Long Pimple                    | Out         | Super Champ             | In          | Tensa                                                                 | In          |
| 001 Roxon                                                                                                                  | In          | New Anti Spin                  | Anti        | <b>07) AVALOX / AVX</b> |             | Ufo                                                                   | In          |
| 002 Roxon 500 Pro                                                                                                          | In          | New Chopper                    | In          | Athlos                  | In          | Violent                                                               | In          |
| 003 Roxon 330                                                                                                              | In          |                                |             | Horme                   | In          |                                                                       |             |

| ITTF N°) SUPPLIER    | Brand  | Pimple Type | ITTF N°) SUPPLIER                                                  | Brand | Pimple Type | ITTF N°) SUPPLIER    | Brand | Pimple Type | ITTF N°) SUPPLIER      | Brand | Pimple Type |
|----------------------|--------|-------------|--------------------------------------------------------------------|-------|-------------|----------------------|-------|-------------|------------------------|-------|-------------|
| <b>14) BUTTERFLY</b> |        |             | Tackiness-D                                                        | In    |             | 002 National Strike  | In    |             | Piranja FD TEC         | Long  |             |
| 001 Tenergy 05       | In     |             | Tempest                                                            | In    |             | 003 National Pogo    | Long  |             | Quattro                | In    |             |
| 002 Tenergy 25       | In     |             | Tenergy                                                            | In    |             | 004 National Hero    | In    |             | Quattro A'Conda        | In    |             |
| 003 Tenergy 64       | In     |             | Wakaba                                                             | In    |             | <b>19) DARKER</b>    |       |             | Quattro Formula        | In    |             |
| 004 Pan Asia - X     | In     |             | West Will                                                          | Out   |             | Provine              | In    |             | Slice 40               | In    |             |
| 005 Spinart          | In     |             | Yuki                                                               | In    |             | Spalbird             | In    |             | Solo                   | In    |             |
| 006 Sriver G3        | In     |             | <b>15) CARREFOUR</b>                                               |       |             | Vlon-S               | In    |             | Sonex JP               | In    |             |
| 007 Sriver G3 FX     | In     |             | Top Life                                                           | In    |             | <b>20) DAWEI</b>     |       |             | Sonex JP Gold          | In    |             |
| 008 Roundell         | In     |             | <b>16) CHAMPION</b>                                                |       |             | 2008                 | In    |             | Sonex JP Soft          | In    |             |
| 009 Tenergy 05 FX    | In     |             | "CHAMPION" is used as<br>part of a brand name for<br>"SCHILDKRÖT". |       |             | 388A                 | In    |             | Supersonic             | In    |             |
| 010 Tenergy 25 FX    | In     |             |                                                                    |       |             | 388A-4               | In    |             | Twingo                 | In    |             |
| 011 Tenergy 64 FX    | In     |             | Apache                                                             | In    |             | 388C-1               | Out   |             | Twister 40             | Out   |             |
| 012 Flarestorm II    | Out    |             | Aragorn                                                            | In    |             | 388D                 | Long  |             | Vari-Slick             | In    |             |
| Addoy                | In     |             | Cyclops                                                            | In    |             | 388 D-1              | Long  |             | Vario                  | In    |             |
| Biriba               | In [R] |             | Elysion                                                            | In    |             | Inspirit             | In    |             | Vario Cooper S         | In    |             |
| Black                | In [B] |             | Flash                                                              | Long  |             | Saviga               | In    |             | Vario Soft             | In    |             |
| Bryce                | In     |             | Hexa                                                               | In    |             | Saviga V             | Long  |             | <b>22) DONIER</b>      |       |             |
| Bryce FX             | In     |             | Hyperion                                                           | In    |             | <b>21) DONIC</b>     |       |             | Black Spin             | In    |             |
| Bryce Speed          | In     |             | Iason                                                              | In    |             | 001 Coppa JO Platin  | In    |             | Max                    | In    |             |
| Bryce Speed FX       | In     |             | Ionix                                                              | Out   |             | 002 Vario Gold       | In    |             | Max Attack             | In    |             |
| Catapult             | In     |             | Khan                                                               | In    |             | 003 Alligator Def    | Long  |             | SP 2                   | In    |             |
| Cermet               | In     |             | Mercury                                                            | In    |             | 006 Baracuda         | In    |             | SP 4                   | In    |             |
| Challenger Attack    | Out    |             | Next                                                               | In    |             | 007 Coppa Speed      | In    |             | SP 8                   | In    |             |
| Challenger Large     | Out    |             | Partizan                                                           | In    |             | 008 Baxster LB       | Out   |             | SP 12                  | In    |             |
| D'Or                 | In     |             | Quantum                                                            | In    |             | 009 Twister LB       | Out   |             | Ultimate Fighting      | In    |             |
| Driver               | In [R] |             | Spartan                                                            | In    |             | 010 Vario Big Slam   | In    |             | Versus                 | In    |             |
| Ekrips               | In     |             | Tiger I                                                            | In    |             | 011 Acuda S1         | In    |             | <b>23) DOUBLE FISH</b> |       |             |
| Feint AG             | Long   |             | Trident                                                            | In    |             | 012 Acuda S2         | In    |             | 001 A One              | In    |             |
| Feint Long II        | Long   |             | Trojan                                                             | In    |             | 013 Acuda S3         | In    |             | 002 FA 213             | In    |             |
| Feint Long III       | Long   |             | Tron                                                               | In    |             | 014 Coppa X1         | In    |             | 003 FC 218             | In    |             |
| Feint-Ox             | Long   |             | Ulyssis                                                            | In    |             | 015 Coppa X2         | In    |             | 004 FS 232             | In    |             |
| Feint-Soft           | Long   |             | Zinex                                                              | In    |             | 016 Coppa X3         | In    |             | 005 FL 233             | In    |             |
| Flarestorm           | Out    |             | <b>17) CORNILLEAU</b>                                              |       |             | 66 GS                | In    |             | 006 8338               | In    |             |
| Flextra              | In     |             | 001 ★                                                              | In    |             | 77 GS                | In    |             | 007 8484               | In    |             |
| Fräulein             | In     |             | 002 ★★                                                             | In    |             | ★                    | In    |             | 008 1615               | Long  |             |
| Large 44 DX          | Out    |             | 003 ★★★                                                            | In    |             | ★★                   | In    |             | 009 815                | In    |             |
| Lemuria              | In     |             | 004 ★★★★                                                           | In    |             | ★★★                  | In    |             | 010 820 A              | Out   |             |
| Magnitude            | Long   |             | 005 ★★★★★                                                          | In    |             | Akkadi Java          | In    |             | 011 830                | In    |             |
| Morim                | In     |             | 006 ★★★★★★                                                         | In    |             | Akkadi K 1           | Out   |             | 012 Volant             | In    |             |
| NS 44                | Out    |             | 007 Performa 1                                                     | In    |             | Akkadi K 2           | Out   |             | 013 Volant 2           | In    |             |
| Orthodox-DX,103      | Out    |             | 008 Performa 2                                                     | In    |             | Akkadi L 1           | Long  |             | 014 Volant 3           | In    |             |
| Pan Asia             | In     |             | 009 Pilot Advance                                                  | In    |             | Akkadi L 2           | Long  |             | 815                    | In    |             |
| Pecular              | Out    |             | 010 Pilot Power                                                    | In    |             | Akkadi Taichi        | In    |             | 820A                   | Out   |             |
| Raystorm             | Out    |             | 011 Pilot Style                                                    | In    |             | Alpha-Slick          | In    |             | 830                    | In    |             |
| Rein                 | Out    |             | 012 Pilot Control                                                  | In    |             | Anti 40              | Anti  |             | 1615                   | Long  |             |
| Relop Attack         | Long   |             | <b>013 Drive Style</b>                                             | In    |             | Baxster              | Out   |             | 8338                   | In    |             |
| Relop Large          | Out    |             | <b>014 Drive Control</b>                                           | In    |             | Blues                | In    |             | 8484                   | In    |             |
| Sapphira             | In     |             | <b>015 Start Up'</b>                                               | In    |             | Blues F5             | In    |             | F.A. 213               | In    |             |
| Selvid               | In     |             | ★                                                                  | In    |             | Coppa                | In    |             | F.C. 218               | In    |             |
| Soft                 | In     |             | ★★                                                                 | In    |             | Coppa JO             | In    |             | F.L. 233               | In    |             |
| Solcion              | In     |             | ★★★                                                                | In    |             | Coppa JO Gold        | In    |             | F.S. 232               | In    |             |
| Speedy-P.O.          | Out    |             | ★★★★                                                               | In    |             | Coppa JO Silver      | In    |             | Volant                 | In    |             |
| Sprier               | In     |             | ★★★★★                                                              | In    |             | Coppa Tagora         | In    |             | <b>24) DOUBLE</b>      |       |             |
| Sriver EL            | In     |             | ★★★★★                                                              | In    |             | Coppa Tenero         | In    |             | <b>HAPPINESS / DHS</b> |       |             |
| Sriver FX            | In     |             | ★★★★★                                                              | In    |             | Desto F1             | In    |             | 001 Hurricane          | In    |             |
| Sriver G2            | In     |             | ★★★★★                                                              | In    |             | Desto F1-S           | In    |             | 002 Hurricane II       | In    |             |
| Sriver G2 FX         | In     |             | ★★★★★                                                              | In    |             | Desto F2             | In    |             | 004 PF 4               | In    |             |
| Sriver L             | In     |             | ★★★★★                                                              | In    |             | Desto F3             | In    |             | 005 Skyline II         | In    |             |
| Sriver S             | In     |             | ★★★★★                                                              | In    |             | Duo                  | In    |             | 006 Skyline III        | In    |             |
| Stayer               | In     |             | <b>18) CRACK</b>                                                   |       |             | Easy-Slick           | In    |             | 008 Memo               | In    |             |
| Super Anti           | Anti   |             | 999                                                                | In    |             | Gallardo Power Sound | In    |             | 009 Memo II            | In    |             |
| Super-Sriver         | In     |             | Master                                                             | In    |             | Gallardo Sound       | In    |             | 010 Memo III           | In    |             |
| Tackifire-C          | In     |             | SP                                                                 | In    |             | Gallardo Speed       | In    |             | 013 6512               | In    |             |
| Tackifire-D          | In     |             | Twister                                                            | In    |             | J.O. Waldner         | In    |             | 014 PF 4-1             | In    |             |
| Tackifire SP         | In     |             | <b>99) CTT</b>                                                     |       |             | Liga                 | In    |             |                        |       |             |
| Tackiness-C          | In     |             | 001 National Pride                                                 | In    |             |                      |       |             |                        |       |             |
| Tackiness-C II       | In     |             |                                                                    |       |             |                      |       |             |                        |       |             |

| ITTF N°) SUPPLIER             | Brand | Pimple Type | ITTF N°) SUPPLIER                                                                  | Brand | Pimple Type | ITTF N°) SUPPLIER                                                  | Brand | Pimple Type | ITTF N°) SUPPLIER          | Brand | Pimple Type |
|-------------------------------|-------|-------------|------------------------------------------------------------------------------------|-------|-------------|--------------------------------------------------------------------|-------|-------------|----------------------------|-------|-------------|
| <b>018 G 888</b>              | In    |             | 006 Grizzly                                                                        | Anti  |             | Top Point                                                          | In    |             | 889                        | Out   |             |
| <b>027 C 8</b>                | Long  |             | 007 Anti Special                                                                   | Anti  |             | <b>28) GAMBLER</b>                                                 |       |             | 889-2                      | Out   |             |
| <b>028 Cloud &amp; Fog II</b> | Long  |             | 008 A - B - S                                                                      | Anti  |             | 001 Wraith                                                         | In    |             | 979                        | Long  |             |
| <b>040 PF 4 Nittaku</b>       | In    |             | 009 Fighter                                                                        | Long  |             | 002 Shadow                                                         | In    |             | 999                        | In    |             |
| <b>041 G 888 Nittaku</b>      | In    |             | Diamant                                                                            | Out   |             | 003 Reflectoid                                                     | In    |             | 999T                       | In    |             |
| <b>045 Tin Arc</b>            | In    |             | Domination                                                                         | In    |             | 4 Kings                                                            | In    |             | Awala                      | In    |             |
| <b>046 Tin Arc II</b>         | In    |             | Leopard                                                                            | Out   |             | Aces                                                               | In    |             | Jinxuanfeng II             | In    |             |
| <b>047 Tin Arc III</b>        | In    |             | Pistol                                                                             | Out   |             | Outlaw                                                             | In    |             | Jinxuanfeng III            | In    |             |
| <b>048 Gold Arc</b>           | In    |             | Tornado Ultra                                                                      | Out   |             | Peace Keeper                                                       | Out   |             | Liqin                      | In    |             |
| <b>049 Gold Arc II</b>        | In    |             | <b>111) DSP.CUP</b>                                                                |       |             | Six Shooter                                                        | In    |             | Magicwand                  | In    |             |
| <b>050 Gold Arc III</b>       | In    |             | <b>001 Superwave.AX</b>                                                            | In    |             | <b>112) GENOTE</b>                                                 |       |             | Prize                      | In    |             |
| 108 Hurricane III             | In    |             | <b>107) DUNLOP</b>                                                                 |       |             | <b>001 Peak-power</b>                                              | In    |             | Taiphoon Gold              | In    |             |
| 651                           | Out   |             | <b>001 Blackstorm Nitro</b>                                                        | In    |             | <b>29) GEWO</b>                                                    |       |             | Tropy                      | In    |             |
| 652                           | Out   |             | <b>002 Blackstorm Nemesis</b>                                                      | In    |             | 001 Proton                                                         | In    |             | Trump Card                 | In    |             |
| 6512                          | In    |             | <b>003 Venom Control</b>                                                           | In    |             | 002 Stratos                                                        | In    |             | <b>33) GOLD WAY</b>        |       |             |
| 874                           | Out   |             | <b>004 Venom Power</b>                                                             | In    |             | <b>003 Reflexx</b>                                                 | In    |             | 916                        | In    |             |
| C7                            | Out   |             | <b>005 Venom Attack</b>                                                            | In    |             | <b>004 Thunderball 2</b>                                           | In    |             | 968                        | In    |             |
| C - 8                         | Long  |             | <b>006 Venom Spin</b>                                                              | In    |             | Maxima                                                             | In    |             | <b>34) GUOQIU</b>          |       |             |
| Cloud & Fog II                | Long  |             | <b>007 4D Ultimate</b>                                                             | In    |             | Mega Flex Control                                                  | In    |             | 001 Gong Fu                | In    |             |
| Cloud & Fog III               | Long  |             | <b>27) FRIENDSHIP</b>                                                              |       |             | Nano                                                               | In    |             | AB                         | In    |             |
| Dipper                        | In    |             | "FRIENDSHIP" is also used<br>as part of a brand name for<br>"KOKUTAKU", "WINNING". |       |             | Target airTEC                                                      | In    |             | FF                         | In    |             |
| Dipper II                     | In    |             |                                                                                    |       |             | Target Energy                                                      | In    |             | HB                         | In    |             |
| Dipper III                    | In    |             | 001 R.I.T.C 729 - 5                                                                | In    |             | Thunderball                                                        | In    |             | MG                         | Long  |             |
| Dragonow                      | Out   |             | 002 R.I.T.C. 755 - 2                                                               | Long  |             | Viper cell TEC                                                     | In    |             | MG II                      | Long  |             |
| G555                          | In    |             | 003 Kokutaku New 729 - 2                                                           | In    |             | <b>30) GIANT DRAGON</b>                                            |       |             | SS                         | Out   |             |
| G666                          | In    |             | 004 R.I.T.C 729 - 08                                                               | In    |             | 001 Taichi                                                         | In    |             | <b>90) HAIFU</b>           |       |             |
| G666 Nittaku                  | In    |             | 729 Focus                                                                          | In    |             | 002 Karate                                                         | In    |             | 001 Whale                  | In    |             |
| G777                          | In    |             | 729 Focus II                                                                       | In    |             | 003 Meteorite                                                      | Long  |             | 002 Shark                  | In    |             |
| G888                          | In    |             | 729 Focus III                                                                      | In    |             | 004 Giant Long                                                     | Long  |             | 003 Penguin                | Out   |             |
| G888 Nittaku                  | In    |             | 729 High Point                                                                     | In    |             | <b>005 Allround</b>                                                | In    |             | 004 Dolphin                | Out   |             |
| Hurricane                     | In    |             | Kokutaku 563 - 1                                                                   | Out   |             | <b>006 Guard</b>                                                   | Anti  |             | 005 Whale III              | In    |             |
| Hurricane II                  | In    |             | Kokutaku 729-40 H                                                                  | In    |             | <b>007 Submarine</b>                                               | In    |             | 006 Shark III              | In    |             |
| Hurricane III                 | In    |             | Kokutaku 729-40 S                                                                  | In    |             | <b>008 Topenergy</b>                                               | In    |             | 007 Pirates 07             | In    |             |
| Magican                       | In    |             | Kokutaku 755                                                                       | Long  |             | <b>009 Superspin G3</b>                                            | In    |             | 008 Pirates 08             | In    |             |
| Magican II                    | In    |             | Kokutaku 802-40                                                                    | Out   |             | 807                                                                | In    |             | <b>97) HALEX</b>           |       |             |
| Magican III                   | In    |             | Kokutaku R.I.T.C. 729 SP                                                           | In    |             | 8086                                                               | In    |             | (no other mark)            | In    |             |
| Memo                          | In    |             | R.I.T.C. 563                                                                       | Out   |             | 8087                                                               | In    |             | XR - 3000                  | In    |             |
| Memo II                       | In    |             | R.I.T.C. 563-1                                                                     | Out   |             | 8088                                                               | In    |             | <b>35) HALLMARK</b>        |       |             |
| Memo III                      | In    |             | R.I.T.C. 729                                                                       | In    |             | 8228 A                                                             | Out   |             | 002 Podium                 | In    |             |
| Nittaku C 7                   | Out   |             | R.I.T.C. 729-2                                                                     | In    |             | 8228 B                                                             | In    |             | 003 Friction Super Special | Long  |             |
| Nittaku Hurricane II          | In    |             | R.I.T.C. 729-3                                                                     | In    |             | Extspeed                                                           | In    |             | 004 Pheonix                | Long  |             |
| Nittaku Hurricane III         | In    |             | R.I.T.C. 729-40H                                                                   | In    |             | Maxspin                                                            | In    |             | 005 Friction Special 2     | Long  |             |
| Nittaku Hurricane Pro II      | In    |             | R.I.T.C. 729-40S                                                                   | In    |             | Superspeed                                                         | In    |             | 006 Green Power            | In    |             |
| Nittaku Hurricane Pro III     | In    |             | R.I.T.C. 729 Cream                                                                 | In    |             | Superspin                                                          | In    |             | Frustration                | Long  |             |
| PF 4                          | In    |             | R.I.T.C. 729 Dr. Evil                                                              | Out   |             | Superspin G2                                                       | In    |             | Half Long                  | Out   |             |
| PF 4-1                        | In    |             | R.I.T.C. 729 Faster                                                                | In    |             | <b>31) GKI</b>                                                     |       |             | Magic Pips                 | Out   |             |
| PF 4 Nittaku                  | In    |             | R.I.T.C. 729 GeoSpin                                                               | In    |             | 001 Nano Sting                                                     | Long  |             | Mirage                     | Anti  |             |
| Sharping                      | Out   |             | R.I.T.C. 729 GeoSpin Tacky                                                         | In    |             | 002 Euro ChelonZ                                                   | In    |             | Panther                    | Out   |             |
| Sharping Nittaku              | Out   |             | R.I.T.C. 729 Higher                                                                | In    |             | 004 ChelonZ HybridZ                                                | In    |             | Power Spin                 | In    |             |
| Skyline                       | In    |             | R.I.T.C. 729 SP                                                                    | In    |             | Euro ★                                                             | In    |             | <b>104) HUARUITE</b>       |       |             |
| Skyline II                    | In    |             | R.I.T.C. 729 SST                                                                   | In    |             | Euro Jumbo                                                         | In    |             | 001 Wujilong               | In    |             |
| Skyline III                   | In    |             | R.I.T.C. 755                                                                       | Long  |             | Euro Spintec                                                       | In    |             | <b>36) IMPERIAL</b>        |       |             |
| Surpass                       | In    |             | R.I.T.C. 799                                                                       | Out   |             | Euro V                                                             | In    |             | <b>001 Factor</b>          | In    |             |
| TNT                           | In    |             | R.I.T.C. 802                                                                       | Out   |             | Euro XX                                                            | In    |             | China                      | In    |             |
| TNT II                        | In    |             | R.I.T.C. 802-1                                                                     | Out   |             | Nano Attack                                                        | Out   |             | Crash                      | In    |             |
| TNT III                       | In    |             | R.I.T.C. 802-40                                                                    | Out   |             | Nano Force                                                         | In    |             | Cyber Tacky                | In    |             |
| TNT Nittaku                   | In    |             | R.I.T.C. 804                                                                       | Anti  |             | <b>32) GLOBE</b>                                                   |       |             | Force                      | In    |             |
| <b>25) DOUBLE POWER</b>       |       |             | R.I.T.C. 837                                                                       | Long  |             | "GLOBE" is also used<br>as part of a brand name<br>for "XUSHAOFA". |       |             | Rubber 11 20 one           | In    |             |
| No. 3080                      | In    |             | R.I.T.C. 2000 Tack-Speed                                                           | In    |             |                                                                    |       |             | Rubber 45 20 one           | In    |             |
| <b>26) DR NEUBAUER</b>        |       |             | Sky-Wing                                                                           | In    |             | 888                                                                | Out   |             | Super Strike               | In    |             |
| 001 Special Defence           | In    |             | Super 729 FX                                                                       | In    |             |                                                                    |       |             | Swift                      | In    |             |
| 002 Goliath                   | In    |             |                                                                                    |       |             |                                                                    |       |             |                            |       |             |
| 003 Monster Classic           | Long  |             |                                                                                    |       |             |                                                                    |       |             |                            |       |             |
| 004 Boomerang Classic         | Long  |             |                                                                                    |       |             |                                                                    |       |             |                            |       |             |
| 005 Gorilla                   | Anti  |             |                                                                                    |       |             |                                                                    |       |             |                            |       |             |

| 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>38) JAPTEC</b>      |             | <b>41) JUIC</b>                                                   |             | <b>110) KTL</b>         |             | Jupiter                                                                        | In          |
| Balance                | In          | 001 Aircondle                                                     | In          | <b>001 Black Power</b>  | In [B]      | Mars                                                                           | In          |
| DL - 01                | Long        | 004 Nanospin                                                      | In          | <b>002 Red Diamond</b>  | In [R]      | Mercury                                                                        | In          |
| Experience             | In          | 005 Patisuma III                                                  | Out         | <b>102) KTS KOREA</b>   |             | Neptune                                                                        | Long        |
| Performance            | In          | <b>006 Nano Spin II</b>                                           | In          | 001 Mach                | In          | Pluto                                                                          | Out         |
| Precision              | In          | 999                                                               | In          | <b>114) K-P</b>         |             | Saturn                                                                         | In          |
| <b>40) JOOLA</b>       |             | 999 Elite                                                         | In          | <b>001 Dynamik 600</b>  | In          | Venus                                                                          | In          |
| 001 Express            | In          | Anti Super Spin                                                   | Anti        | <b>002 Dream 900</b>    | In          | <b>50) MIZUNO</b>                                                              |             |
| 002 Shark              | Long        | Couga                                                             | In [B]      | <b>003 Struggle 800</b> | Out         | 001 Charge SS                                                                  | In          |
| 003 Orca               | Long        | Dany III                                                          | In          | <b>46) LION</b>         |             | 002 Plaudit MF                                                                 | In          |
| 004 Amy                | Anti        | Dany V                                                            | In          | 001 Roar                | In          | <b>003 Quasar</b>                                                              | In          |
| 005 Express X-Plode    | In          | DrivaSmash                                                        | In          | 002 Claw                | Long        | Booster EV                                                                     | Out         |
| 006 Express Ultra      | Out         | DrivaSmash SV                                                     | In          | 003 Star                | In          | Booster SA                                                                     | Out         |
| 007 Phénix             | In          | Driva Smash Ultima                                                | In          | 004 2 Stars             | In          | Charge                                                                         | In          |
| <b>008 X-Plode</b>     | In          | Leggy R                                                           | Long        | 005 3 Stars             | In          | Charge MF                                                                      | In          |
| <b>009 Brave</b>       | In          | Masterspin                                                        | Out         | 006 Super 3             | In          | ChargePro                                                                      | In          |
| 4 all                  | In          | Masterspin II                                                     | Out         | 007 5 Stars             | In          | HyperZone                                                                      | In          |
| 4 You                  | In          | NanoCannon                                                        | In          | 008 Aggressor           | In          | Plaudit                                                                        | In          |
| air !                  | In          | Neo Anti                                                          | Anti        | 009 Allrounder          | In          | Polaris                                                                        | Out         |
| Amigo                  | Out ‡       | Offense                                                           | Out         | 010 Elite Control       | In          | Unison                                                                         | In          |
| Anti Topspin Toni Hold | Anti        | Patisuma                                                          | Out         | 2 Stars                 | In          | <b>51) NB ENEBE</b>                                                            |             |
| Antispin Soft          | Anti        | Patisuma II                                                       | Out         | 3 Stars                 | In          | ★                                                                              | In          |
| Badman                 | Long        | PipsAce                                                           | Out ‡       | 5 Stars                 | In          | ★★                                                                             | In          |
| Basic                  | In          | Scramble                                                          | In          | Aggressor               | In          | ★★★                                                                            | In          |
| Cava                   | In          | Scramble 21                                                       | In          | Allrounder              | In          | Pro                                                                            | In          |
| Compass                | In          | Shenron                                                           | In          | Elite Control           | In          | <b>91) NEOTTEC</b>                                                             |             |
| Dingo                  | In          | Spark                                                             | In          | International           | In          | 001 Hinomi                                                                     | In          |
| Drum                   | In          | SpinSpiel                                                         | In          | Scirocco                | In          | 002 Iken                                                                       | In          |
| EasySpin               | In          | Varites                                                           | In          | SS 800                  | In          | 003 Katana                                                                     | In          |
| Echo                   | In          | <b>42) KETTLER</b>                                                |             | Star                    | In          | 004 Tokkan                                                                     | Long        |
| Energy                 | In          | Coach                                                             | In          | Super Attack            | In          | <b>005 Maxima</b>                                                              | In          |
| Energy X-tra           | In          | Master                                                            | In          | Super 3                 | In          | <b>94) NEXY</b>                                                                |             |
| Fiesta                 | In          | Professional                                                      | In          | Typhoon                 | In          | 001 Demian                                                                     | In          |
| GX 75                  | In          | <b>43) KILLERSPIN</b>                                             |             | XA 900                  | In          | 002 Kairos                                                                     | Out         |
| Mambo                  | In          | 001 Blast                                                         | In          | <b>47) LKT</b>          |             | 003 Chaos                                                                      | Long        |
| Mambo C                | In          | 002 Fortissimo                                                    | In          | 001 Rapid Speed         | In          | <b>53) NIMATSU</b>                                                             |             |
| Mambo GP               | In          | 003 GT 2                                                          | In          | 002 Rapid Power         | In          | 001 Chimera                                                                    | In          |
| Mambo H                | In          | Nitrx-4Z                                                          | In          | 003 Rapid Sound         | In          | 002 Zerberus                                                                   | Long        |
| Moskito                | In          | <b>44) KINSON</b>                                                 |             | 004 Rapid Soft          | In          | Hurricane                                                                      | In          |
| Octopus                | Long        | Perfect                                                           | In          | 005 Black Power         | In[B]       | Pegasus                                                                        | In          |
| orbit ICU              | In          | Super Spin                                                        | In          | 006 Red Diamond         | In[R]       | Scorpion                                                                       | In          |
| Peking                 | In          | <b>45) KOKUTAKU</b>                                               |             | Pro XP                  | In          | Spinfighter ★★★                                                                | In          |
| Poker                  | Long ‡      | "KOKUTAKU" is also used as part of a brand name for "FRIENDSHIP". |             | Pro XT                  | In          | XX5                                                                            | In          |
| Samba                  | In          |                                                                   |             | Recoil                  | In          | <b>54) NITTAKU</b>                                                             |             |
| Samba Ntec             | In          | Big Star                                                          | In          | Torrent E.G.S.          | In          | "NITTAKU" is also used as part of some brand names for "DOUBLE HAPPINESS/DHS". |             |
| Smart                  | In          | BLütenkirsche 868                                                 | In          | <b>48) METEOR</b>       |             |                                                                                |             |
| Smash                  | In          | BLütenkirsche 868 Tokyo                                           | In          | 575                     | Out         | 001 Moristo RS                                                                 | In          |
| Snabb                  | Out         | Clitter                                                           | Out         | 71-1                    | Long        | 002 Renanos Bright                                                             | In          |
| Spring Thunder         | In          | Friendship 729 Super                                              | In          | 71-2                    | Out         | 003 Specialist Hibiki                                                          | Out         |
| Staccato               | Out         | Spec-V                                                            | In          | 813                     | In          | 004 Narucross 44                                                               | Out         |
| Tango                  | In          | Spindle                                                           | In          | 835                     | In          | 005 Annsort                                                                    | In          |
| Tango Extrem           | In          | Synchron                                                          | In          | 845                     | Out         | 006 Hammond FA Speed Out                                                       | In          |
| Tango Metallic         | In          | Tuple 007                                                         | In          | 8512                    | Long        | 007 Hammond Pro B                                                              | In          |
| Tango Titan 3.0        | In          | Tuple 007 Taiwan                                                  | In          | 9012                    | Long        | 008 Renanos BS                                                                 | In          |
| Tango Ultra            | Out         | Tuple 110                                                         | Out         | <b>49) MILKY WAY</b>    |             | 009 Renanos Hold                                                               | In          |
| Teacher                | In          | Tuple 119                                                         | Out         | 001 Apollo              | In          | 010 Nodias Dr                                                                  | In          |
| Terminator             | In          | Tuple 911                                                         | Long        | <b>002 Sun</b>          | In          | 011 Narucross GS                                                               | In          |
| Thema                  | In          |                                                                   |             | <b>003 Moon</b>         | In          |                                                                                |             |
| Topspin                | In          |                                                                   |             | 955                     | Long        |                                                                                |             |
| Tramp                  | In          |                                                                   |             | 9000                    | In          |                                                                                |             |
|                        |             |                                                                   |             | Earth                   | 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>012 Learner</b>     | In          | HK1997                                                            | In          | <b>003 Shogun</b>                                                | In          | Almana Sound Synergy Tech          | In          |
| <b>015 Fastarc G-1</b> | In          | Macro                                                             | In          |                                                                  |             | Carbo                              | In          |
| <b>016 Fastarc S-1</b> | In          | Macro Pro                                                         | In          | <b>62) SANWEI</b>                                                |             | Carbo MC                           | In          |
| Arufel                 | In          | Maximo                                                            | In          | 001 Target                                                       | In          | Carbo Sound                        | In          |
| Best Anti              | Anti        | Wildish Dragon                                                    | In          | 002 Rings Link                                                   | In          | China Extreme                      | In          |
| Express                | Out         | WP1013                                                            | Out         | 003 Gears                                                        | In          | Chop & Drive                       | In          |
| Graffiti               | In          |                                                                   |             | 005 Ghost                                                        | Out         | Clippa                             | Out         |
| Hammond                | In          | <b>56) PEACE</b>                                                  |             | 006 Code                                                         | Long        | Cobra 2000                         | In          |
| Hammond FA             | Out         | "PEACE" is also used<br>as part of a brand name<br>for "GAMBLER". |             | 007 T88 Taiji                                                    | In          | Destroyer                          | Long        |
| Hammond Pro α          | In          |                                                                   |             | 008 T88                                                          | In          | Doer                               | In          |
| Hammond X              | In          |                                                                   |             | 009 T88 - I                                                      | In          | Drive                              | In          |
| Hi-Super Drive         | In          |                                                                   |             | 010 T88 - II                                                     | In          | Energy Absorber                    | Anti        |
| Japan Original         | In          | 001 LGO 44                                                        | Out         | 011 T88 - III                                                    | In          | Evo                                | In          |
| J.O. Pen               | In          | C'oma                                                             | In          |                                                                  |             | Future                             | In          |
| J.O. Shake             | In          | G'enstar                                                          | In          | <b>113) SAVIGA</b>                                               |             | Innova                             | In          |
| J.O. Waldner           | In          | Leo                                                               | In          | "SAVIGA" is also used<br>as part of a brand name<br>for "DAWEI". |             | Innova Premium                     | In          |
| J.O. Waldner S.C.      | In          | Nova                                                              | In          |                                                                  |             | Innova Ultra Light                 | In          |
| Learner                | In          | Vela                                                              | In          |                                                                  |             | Innova Ultra Light<br>Synergy Tech | In          |
| Magic Carbon           | In          | <b>57) POINT BLANK</b>                                            |             |                                                                  |             | Magic                              | In          |
| Micro                  | In          | Illusion                                                          | In          | <b>001 Turbo</b>                                                 | In          | Magna                              | In          |
| Moristo 2000           | In          | One Star                                                          | In          | <b>002 Fantasy</b>                                               | Out         | Mendo                              | In          |
| Moristo 44             | Out         | Star                                                              | In          |                                                                  |             | Mendo Energy                       | In          |
| Moristo DF             | In          | Super Star                                                        | In          | <b>63) SCHILDKRÖT</b>                                            |             | Mendo MP                           | In          |
| Moristo FG             | In          | Three Star                                                        | In          | Avantgarde ★★★                                                   | In          | Neos                               | In          |
| Moristo LP             | Long        | Topgun                                                            | In          | Champion ★★★★★                                                   | In          | Neos Sound                         | In          |
| Moristo LP One         | Long        | Top Star                                                          | In          | Elite                                                            | In          | Neos Sound Synergy Tech            | In          |
| Moristo SP             | Out         | Two Star                                                          | In          | Energy                                                           | In          | Neos Synergy Tech                  | In          |
| Narucross              | In          |                                                                   |             | Jade                                                             | In          | Neos Tacky                         | In          |
| Narucross EX           | In          | <b>58) PRASIDHA</b>                                               |             | Prestige                                                         | In          | Optimum MP                         | In          |
| Narucross tension      | In          | 001 Apple                                                         | In          | Spinmax                                                          | In          | Premium                            | In          |
| Nodias                 | In          | 820                                                               | Out         | <b>108) SPINLORD</b>                                             |             | Radical                            | Out         |
| Pimplemini             | Out         | 830                                                               | In          | <b>001 Marder</b>                                                | In          | Royal                              | Out         |
| Pimplemini One         | Out         | 838                                                               | In          | <b>002 Tiger</b>                                                 | In          | Stream                             | In          |
| Refoma                 | In          | 1615                                                              | Long        | <b>003 Adler</b>                                                 | In          | Triumph                            | In          |
| Renanos                | In          | Action                                                            | Out         |                                                                  |             | <b>69) SUNFLEX</b>                 |             |
| Screw                  | Long        | Frankfurt                                                         | In          | <b>93) SPOKEY</b>                                                |             | 001 Expert Xonox                   | In          |
| Screw One              | Long        | Hamburg                                                           | In          | 001 Master                                                       | In          | 002 Expert Zeno                    | In          |
| Specialist Chikara     | Out         | Long A                                                            | Long        |                                                                  |             | AF 50                              | In          |
| Specialist One         | Out         | Osaka                                                             | In          | <b>66) SPORTCRAFT</b>                                            |             | BZ 60                              | In          |
| Specialist Soft        | Out         | Speed - F                                                         | Out         | ★★★★                                                             | In          | Mandarin                           | In          |
| Specialist Soft HS     | Out         | Tokyo                                                             | In          | ★★★★★                                                            | In          | Mikado                             | In          |
| Spiral                 | In          | Twister 8338                                                      | In          |                                                                  |             | Mogul                              | In          |
| Super Large            | Out         |                                                                   |             | <b>67) STAG</b>                                                  |             | Samurai                            | In          |
| Tracer                 | In          | <b>60) REACTOR</b>                                                |             | 001 Peter Karlsson                                               | In          | Shogun                             | In          |
| Universal- Ribbon      | In          | Boaz                                                              | In          | 002 Peter Karlsson Training                                      | In          | Sun-Control                        | In          |
| Universal- Ribbon      | Out         | Ckylin                                                            | In          | 003 High Tension Explosive                                       | In          | Sun-Power                          | In          |
|                        |             | Corbor                                                            | In          | All Round                                                        | In          | Taipan                             | In          |
|                        |             | Novar                                                             | In          | Ninja Attack                                                     | In          |                                    |             |
| <b>55) PALIO</b>       |             | Sonix                                                             | In          | Ninja Fire                                                       | In          | <b>70) SWORD</b>                   |             |
| 001 Macro ERA          | In          | Thunder                                                           | In          | Power Drive                                                      | In          | 001 Break                          | In          |
| 002 Conqueror          | In          | Tornado                                                           | In          | Thunder Spin                                                     | In          | 002 Paladin                        | In          |
| 003 Flying Dragon      | Out         |                                                                   |             |                                                                  |             | 003 Scylla                         | Long        |
| 004 Power Dragon       | Out         | <b>61) RUCANOR</b>                                                |             | <b>68) STIGA</b>                                                 |             | 2000-F                             | In          |
| 005 Thor's             | In          | <b>001 Competition</b>                                            | In          | 001 Boost TP                                                     | In          | Hero                               | In          |
| <b>006 Blit'z</b>      | In          | Competition                                                       | In          | 002 Boost TC                                                     | In          | King                               | In          |
| AK47                   | In          | Mogi Ura                                                          | In          | 003 Boost TS                                                     | In          | RG                                 | In          |
| Amigo                  | In          | Orient                                                            | In          | 004 Boost TX                                                     | In          |                                    |             |
| CJ8000                 | In          | TTB-150                                                           | In          | 005 JMS EVO 1                                                    | In          |                                    |             |
| CK531A                 | Long        |                                                                   |             | <b>006 Magna TC II</b>                                           | In          |                                    |             |
| Drunken Dragon         | In          | <b>87) SAN - EI</b>                                               |             | <b>007 Magna TS II</b>                                           | In          |                                    |             |
| Emperor Dragon         | In          |                                                                   |             | <b>008 Calibra LT</b>                                            | In          |                                    |             |
| Hadou                  | In          | <b>001 Taipan</b>                                                 | In          | <b>009 Calibra LT Sound</b>                                      | In          |                                    |             |
| Hidden Dragon          | In          | <b>002 Samurai</b>                                                | In          | Almana                                                           | In          |                                    |             |
|                        |             |                                                                   |             | Almana Sound                                                     | In          |                                    |             |

| ITTF N°1 SUPPLIER     | Brand  | Pimple Type | ITTF N°1 SUPPLIER                                             | Brand | Pimple Type | ITTF N°1 SUPPLIER         | Brand | Pimple Type | ITTF N°1 SUPPLIER          | Brand | Pimple Type |
|-----------------------|--------|-------------|---------------------------------------------------------------|-------|-------------|---------------------------|-------|-------------|----------------------------|-------|-------------|
| <b>72) TECNOPRO</b>   |        |             | <b>75) TONI HOLD</b>                                          |       |             | <b>109) WIN</b>           |       |             | <b>83) YASAKA</b>          |       |             |
| Competition           | In     |             | "TONI HOLD" is also used as part of a brand name for "JOOLA". |       |             | <b>001 Spear</b>          | In    |             | 001 Pryde                  | In    |             |
| Expert                | In     |             |                                                               |       |             | <b>002 Aegis</b>          | In    |             | 002 Pryde 30               | In    |             |
| Supercom              | In     |             | Anti Topspin New 40                                           | Anti  |             | <b>003 Axe</b>            | In    |             | 003 Xtend LB               | Out   |             |
| Tournament            | In     |             |                                                               |       |             | <b>004 Bow</b>            | In    |             | 004 Cadet                  | In    |             |
| <b>73) THREE NINE</b> |        |             | <b>76) TSP</b>                                                |       |             | <b>78) WINNING</b>        |       |             | 005 Marvelous              | Out   |             |
| 999 T-1               | In     |             | 001 Curl P-H                                                  | Long  |             | 738 Super                 | In    |             | 006 Pryde 40               | In    |             |
| 999 T-2               | In     |             | 003 Deus                                                      | In    |             | Friendship 729 Super TSS  | In    |             | 007 Rakza 7                | In    |             |
| 999 T-3               | In     |             | 004 Grandy                                                    | In    |             | King Power Komann         | In    |             | <b>008 Rakza 9</b>         | In    |             |
| Super 999 T           | In     |             | 730                                                           | In    |             | Komann                    | In    |             | <b>009 Rakza 7 Soft</b>    | In    |             |
| <b>74) TIBHAR</b>     |        |             | Actor                                                         | In    |             | Komann Super Fit          | In    |             | <b>010 Rakza 9 Soft</b>    | In    |             |
| 001 Sinus             | In     |             | Barri - Up                                                    | In    |             | NP - 1                    | Out   |             | <b>011 Mark V HPS</b>      | In    |             |
| 002 Grass Flex        | Out    |             | Bjorn                                                         | In    |             | NP - 2                    | Out   |             | <b>012 Mark V HPS Soft</b> | In    |             |
| 003 Grass Ultra       | Long   |             | Bolt                                                          | In    |             | NP - 6                    | Out   |             | <b>013 Rakza PO</b>        | Out   |             |
| 004 Primus            | In     |             | Brio                                                          | In    |             | NP - 8                    | Out   |             | Anti Power                 | In    |             |
| 005 Genius            | In     |             | Cesalo                                                        | In    |             | <b>79) XIOM</b>           |       |             | A-1-2 A-1                  | Out   |             |
| 006 Nianmor           | In     |             | Curl P-1 R                                                    | Long  |             | 001 Sigma                 | In    |             | A-1-2 A-2                  | Out   |             |
| 007 Aurus             | In     |             | Curl P-2                                                      | Out   |             | 002 Zeta                  | In    |             | Cobalt α                   | Out   |             |
| 008 Grip - S          | In     |             | Curl P-3                                                      | Long  |             | 003 Omega IV              | In    |             | Cobalt X1                  | Out   |             |
| 009 Genius +          | In     |             | Curl P-3α R                                                   | Long  |             | 004 Flamenco              | In    |             | Cobalt X2                  | Out   |             |
| 010 Mythik            | Long   |             | Cut Man                                                       | In    |             | 005 Sigma I               | In    |             | Extreme Speed              | In    |             |
| 011 Karisma           | In     |             | D-Top                                                         | In    |             | 006 Sigma II              | In    |             | Fusion                     | In    |             |
| Black Techno          | In [B] |             | Giant                                                         | In    |             | 007 Sigma III             | In    |             | Large Pro                  | Out   |             |
| Bungee                | In     |             | Hiyaku                                                        | In    |             | 008 Vega Europe           | In    |             | Mark V                     | In    |             |
| Dang                  | In     |             | L Catcher                                                     | Out   |             | 009 Vega Asia             | In    |             | Mark V AD                  | In    |             |
| Ellen                 | Anti   |             | Milli Tall II                                                 | Out   |             | 010 Sigma I Japan Special | In    |             | Mark V GPS                 | In    |             |
| Extra Long            | Long # |             | Miracle                                                       | Out   |             | 011 Zava 1                | Out   |             | Mark V M <sup>2</sup>      | In    |             |
| Grass                 | Long   |             | Miracle Super                                                 | Out   |             | 012 Vega Pro              | In    |             | Mark V XS                  | In    |             |
| Grass D. TecS         | Long   |             | Real                                                          | In    |             | <b>013 Vega Elite</b>     | In    |             | New Era                    | In    |             |
| Learn Cont            | In     |             | Spectol                                                       | Out   |             | Guillotine - S            | Long  |             | Original                   | In    |             |
| Learn Spin            | In     |             | Summit                                                        | In    |             | Max - Leverage            | In    |             | Original                   | Out   |             |
| Legend                | In     |             | Super Spinpips                                                | Out   |             | Omega I                   | In    |             | Original A-1               | Out   |             |
| Makss                 | In     |             | Tarbit                                                        | In    |             | Omega II                  | In    |             | Original A-2               | Out   |             |
| Nimbus                | In     |             | Tation                                                        | In    |             | Omega III                 | In    |             | Original Extra             | In    |             |
| Norm                  | In     |             | T - Rex                                                       | In    |             | Pro - Exclusive           | In    |             | PB-1                       | Out   |             |
| Phantom               | In     |             | Triple                                                        | In    |             | Pro - Z                   | In    |             | Phantom 007                | Long  |             |
| Rapid                 | In     |             | Tyranno                                                       | Out   |             | Styx - SP                 | Out   |             | Phantom 008                | Long  |             |
| Rapid D. TecS         | In     |             | U Q                                                           | In    |             | True - Innovation         | In    |             | Phantom 009                | Long  |             |
| Rapid Soft            | In     |             | X's                                                           | In    |             | Yanus - DF                | In    |             | Phantom 0011 ∞             | Long  |             |
| Rapid X-Press         | In     |             | X's F-1                                                       | In    |             | <b>80) XIYING</b>         |       |             | Phantom 0012 ∞             | Long  |             |
| Rookie D. TecS        | In     |             | X's F-1 V                                                     | In    |             | 889                       | Out   |             | Top 12                     | In    |             |
| Samurai               | In     |             | <b>77) TT MASTER</b>                                          |       |             | 979                       | Long  |             | Vision                     | In    |             |
| Serie 2000            | In     |             | 001 Fireproof II                                              | Long  |             | 999                       | In    |             | V Stage                    | In    |             |
| Speedy S/L            | In     |             | 002 Punto                                                     | Long  |             | <b>81) XUSHAOFA</b>       |       |             | Wallie                     | In    |             |
| Speedy Soft           | Out    |             | 005 Master Spin                                               | In    |             | 988 Yang                  | Out   |             | Xtend                      | In    |             |
| Speedy Soft D. TecS   | Out    |             | 006 Master Anti                                               | Anti  |             | 989 Yang                  | Long  |             | Xtend HS                   | In    |             |
| Speedy Spin           | In     |             | 007 Selection                                                 | Long  |             | 998 Yang                  | Anti  |             | Xtend PO                   | Out   |             |
| Speedy Spin Premium   | In     |             | Fireproof                                                     | Long  |             | 999                       | In    |             | Zap                        | In    |             |
| Standard              | In     |             | S - Max                                                       | In    |             | <b>82) YAPING</b>         |       |             | <b>84) YASHIMA</b>         |       |             |
| Storm                 | In     |             | <b>96) TUTTLE</b>                                             |       |             | 139                       | In    |             | Competition XR3000         | In    |             |
| Super Defense 40      | In     |             | 001 Beijing                                                   | In    |             |                           |       |             | Go Sport XR3000            | In    |             |
| Torpedo               | In     |             | 002 World No. 1                                               | In    |             |                           |       |             | Go Sport XX5               | In    |             |
| Vari Spin             | In     |             | 003 AAA                                                       | In    |             |                           |       |             | Upper Spin                 |       |             |
| Vari Spin D. TecS     | In     |             | <b>85) V 3 TEC</b>                                            |       |             |                           |       |             | Competition XR7            | In    |             |
| Volcano               | In     |             | 001 Spin Attack X3                                            | In    |             |                           |       |             | XX3                        | In    |             |
|                       |        |             | 002 Fast Control S1                                           | In    |             |                           |       |             | XX-5                       | In    |             |
|                       |        |             | 003 Power Drive Y5                                            | In    |             |                           |       |             |                            |       |             |



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