

**LARC (LIST AUTHORISED RACKET COVERINGS) N°31B 1 JANUARY 2011 – 30 JUNE 2011**  
 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 31B 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>115) 61 SECOND</b>   |             | <b>03) ANDRO</b>               |             | Hikari Drive       | In          | <b>06) ATEMI</b>  |             |
| <b>001 Wind FT</b>  | <i>Long</i> | 001 Roxon                      | In          | Hikari SR7         | In          | Ace   | In          |
| <b>002 Lightning DS</b>   | <i>In</i>   | 002 Roxon 500 Pro              | In          | Long Pimple        | Out         | Advantage   | In          |
| <b>003 Thunder LM</b>   | <i>In</i>   | 003 Roxon 330                  | In          | New Anti Spin      | Anti        | Challenge   | In          |
|   |             | 004 Blowfish                   | Out         | New Chopper        | In          | Debut   | In          |
| <b>01) 999</b>  |             | 005 Blowfish +                 | Out         | New Spirit Hi      | In          | Fight Power   | In          |
| "999" is also used as part of a brand name for "CRACK", "GLOBE", "JUIC", "THREE NINE", "XIYING" and |             | 006 Chaos                      | Long        | Red Mark           | In          | Ippon   | In          |
| 889   | Out         | 007 Hexer                      | In          | Red Mark Type 1-3  | Out         | Super Champ   | In          |
|   |             | 008 Hexer +                    | In          | Red Mark Type 1-4  | Out         |   |             |
| <b>105) ADIDAS</b>  |             | 009 Revo Fire                  | In          | Red Mark Type 1-5  | Out         | <b>07) AVALOX / AVX</b>                                   |             |
| 001 Repulse 500   | In          | 010 Hexer Duro                 | In          | Rosin              | Out         | <b>001 Purot</b>  | <i>In</i>   |
| 002 Repulse 700   | In          | <b>011 Hexer Pips</b>          | <b>Out</b>  | Twister            | Long        | <b>002 Sogno</b>  | <i>In</i>   |
| 003 P 3   | In          | <b>012 Hexer Pips +</b>        | <b>Out</b>  | Twister EXT        | Out         | Athlos  | In          |
| 004 R 4   | In          | <b>013 Sonnentau</b>           | <i>In</i>   | Vector             | In          | Horme   | In          |
| 005 P 5   | In          | Backside                       | In          | W-α Ex x           | Out         | Mo  | Long        |
| 006 R 6   | In          | Classic                        | Out         | Warrior            | In          | Pronte  | In          |
|   |             | EX – 8                         | In          |                    |             | Purot   | In          |
| <b>02) AHUAYI</b>   |             | Focus                          | In          | <b>05) ARTENGO</b> |             | Sogno   | In          |
| <b>001 666</b>  | <i>In</i>   | Impuls                         | In          | 001 930 A          | In          | Sterco  | In          |
| 666   | In          | Impuls Speed                   | In          | 003 920 S          | In          |   |             |
|   |             | Logo                           | Out         | 004 950 S          | In          | <b>08) BANCO</b>  |             |
| <b>106) AIR</b>   |             | LP – 22                        | Long        | 005 900 C          | In          | 001 Extreme   | In          |
| "AIR" is also used as part of a brand name for "JOOLA".   |             | Plasma                         | In          | 006 910 A          | Out         | 002 Dynamic   | In          |
| 001 Scirocco  | In          | Revolution                     | In          | 007 851 O          | In          | 003 Ouragan   | In          |
| 002 Panamera  | Out         | Revolution C.O.R.              | In          | 008 861 O          | In          | Allstar   | In          |
| 003 Upupupup  | Long        | Revolution C.O.R. <sup>2</sup> | In          | 009 881 O          | In          | Diva Energie  | In          |
| 004 Classique   | Out         | Revolution C.O.R Pips          | Out         | <b>010 703 O</b>   | <i>In</i>   | Dreamfire   | In          |
| 005 Illumina  | In          | Revolution Fire                | In          | <b>011 853 O</b>   | <i>In</i>   | Excellence  | In          |
|   |             | Revolution Quad                | In          | <b>012 863 O</b>   | <i>In</i>   | Feeling   | In          |
| <b>89) AMSIR</b>  |             | Rocket                         | In          | <b>013 883 O</b>   | <i>In</i>   | Furio   | In          |
| 002 Fantasy   | In          | Start                          | In          | 700 O              | In          | Futura Energie  | In          |
| 003 Flutter   | Long        | Trophy                         | In          | 702 O              | In          | Impact Energie  | Out         |
| 005 Glory   | In          | Upgrade                        | In          | 850 O              | In          | Perfect   | In          |
| 006 Luxury  | In          | Zenith-G                       | In          | 860 O              | In          | Puissance   | In          |
| 007 Sensation   | Long        |                                |             | 880 O              | In          | Start ★★  | In          |
| 008 Surprise  | Long        | <b>04) ARMSTRONG</b>           |             | 900 A              | In          | Start ★★★   | In          |
| 009 Victory   | In          | Aka Mark Max                   | Out         | 900 C              | In          | Variation Energy  | In          |
| 010 Shot  | Out         | Attack 3 Type L                | Out         | 900 S              | In          |   |             |
|   |             | Attack 3 Type M                | Out         | 930 S              | In          | <b>10) BEST</b>   |             |
|   |             | Attack 8 Type L                | Out         | 940 S              | In          | "BEST" is also used as part of a brand name for "NITAKU". |             |
|   |             | Attack 8 Type M                | Out         |                    |             | ★★  | In          |
|   |             | Attack 8 Type M EXX            | Out         |                    |             | ★★★   | In          |
|   |             | Conqueror                      | In          |                    |             |   |             |
|   |             | Conqueror SS                   | 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>12) BOMB</b>      |             | Sriver G2 FX             | In          | <b>18) CRACK</b>       |             | Desto F1               | In          |
| Apex                 | In          | Sriver L                 | In          | 999                    | In          | Desto F1-S             | In          |
| Bombard              | In          | Sriver S                 | In          | Master                 | In          | Desto F2               | In          |
| Hammer               | Out         | Stayer                   | In          | SP                     | In          | Desto F3               | In          |
| King Roc             | Out         | Super Anti               | Anti        | Twister                | In          | Duo                    | In          |
| Mopha                | In          | Super-Sriver             | In          | <b>99) CTT</b>         |             | Easy-Slick             | In          |
| Raider               | In          | Tackifire-C              | In          | 001 National Pride     | In          | Gallardo Power Sound   | In          |
| Rex                  | In          | Tackifire-D              | In          | 002 National Strike    | In          | Gallardo Sound         | In          |
| Talent               | Long        | Tackifire SP             | In          | 003 National Pogo      | Long        | Gallardo Speed         | In          |
| Tensa                | In          | Tackiness-C              | In          | 004 National Hero      | In          | J.O. Waldner           | In          |
| Ufo                  | In          | Tackiness-C II           | In          | <b>19) DARKER</b>      |             | Liga                   | In          |
| Violent              | In          | Tackiness-D              | In          | Provine                | In          | Piranja FD TEC         | Long        |
|                      |             | Tempest                  | In          | Spalbird               | In          | Quattro                | In          |
| <b>14) BUTTERFLY</b> |             | Tenergy                  | In          | Vlon-S                 | In          | Quattro A'Conda        | In          |
| 001 Tenergy 05       | In          | Wakaba                   | In          | <b>20) DAWEI</b>       |             | Quattro Formula        | In          |
| 002 Tenergy 25       | In          | West Will                | Out         | 2008                   | In          | Slice 40               | In          |
| 003 Tenergy 64       | In          | Yuki                     | In          | 388A                   | In          | Solo                   | In          |
| 004 Pan Asia - X     | In          | <b>15) CARREFOUR</b>     |             | 388A-4                 | In          | Sonex JP               | In          |
| 005 Spinart          | In          | Top Life                 | In          | 388C-1                 | Out         | Sonex JP Gold          | In          |
| 006 Sriver G3        | In          | <b>16) CHAMPION</b>      |             | 388D                   | Long        | Sonex JP Soft          | In          |
| 007 Sriver G3 FX     | In          | "CHAMPION" is used as    |             | 388D-1                 | Long        | Supersonic             | In          |
| 008 Roundell         | In          | part of a brand name for |             | Inspirit               | In          | Twingo                 | In          |
| 009 Tenergy 05 FX    | In          | "SCHILDKRÖT".            |             | Saviga                 | In          | Twister 40             | Out         |
| 010 Tenergy 25 FX    | In          | Apache                   | In          | Saviga V               | Long        | Vari-Slick             | In          |
| 011 Tenergy 64 FX    | In          | Aragorn                  | In          | <b>21) DONIC</b>       |             | Vario                  | In          |
| 012 Flarestorm II    | Out         | Cyclops                  | In          | 001 Coppa JO Platin    | In          | Vario Cooper S         | In          |
| Addoy                | In          | Elyson                   | In          | 002 Vario Gold         | In          | Vario Soft             | In          |
| Biriba               | In [R]      | Flash                    | Long        | 003 Alligator Def      | Long        | <b>22) DONIER</b>      |             |
| Black                | In [B]      | Hexa                     | In          | 006 Baracuda           | In          | Black Spin             | In          |
| Bryce                | In          | Hyperion                 | In          | 007 Coppa Speed        | In          | Max                    | In          |
| Bryce FX             | In          | Iason                    | In          | 008 Baxster LB         | Out         | Max Attack             | In          |
| Bryce Speed          | In          | Ionix                    | Out         | 009 Twister LB         | Out         | SP 2                   | In          |
| Bryce Speed FX       | In          | Khan                     | In          | 010 Vario Big Slam     | In          | SP 4                   | In          |
| Catapult             | In          | Mercury                  | In          | 011 Acuda S1           | In          | SP 8                   | In          |
| Cermet               | In          | Next                     | In          | 012 Acuda S2           | In          | SP 12                  | In          |
| Challenger Attack    | Out         | Partizan                 | In          | 013 Acuda S3           | In          | Ultimate Fighting      | In          |
| Challenger Large     | Out         | Quantum                  | In          | 014 Coppa X1           | In          | Versus                 | In          |
| D'Or                 | In          | Spartan                  | In          | 015 Coppa X2           | In          | <b>23) DOUBLE FISH</b> |             |
| Driver               | In [R]      | Tiger I                  | In          | 016 Coppa X3           | In          | 001 A One              | In          |
| Ekrips               | In          | Trident                  | In          | <b>017 Traction HS</b> | <b>In</b>   | 002 FA 213             | In          |
| Feint AG             | Long        | Trojan                   | In          | <b>018 Traction MS</b> | <b>In</b>   | 003 FC 218             | In          |
| Feint Long II        | Long        | Tron                     | In          | 66 GS                  | In          | 004 FS 232             | In          |
| Feint Long III       | Long        | Ulyssis                  | In          | 77 GS                  | In          | 005 FL 233             | In          |
| Feint-Ox             | Long        | Zinex                    | In          | ★                      | In          | 006 8338               | In          |
| Feint-Soft           | Long        | <b>17) CORNILLEAU</b>    |             | ★★                     | In          | 007 8484               | In          |
| Flarestorm           | Out         | 001 ★                    | In          | ★★★                    | In          | 008 1615               | Long        |
| Flextra              | In          | 002 ★★                   | In          | Akkadi Java            | In          | 009 815                | In          |
| Fräulein             | In          | 003 ★★★                  | In          | Akkadi K 1             | Out         | 010 820 A              | Out         |
| Large 44 DX          | Out         | 004 ★★★★                 | In          | Akkadi K 2             | Out         | 011 830                | In          |
| Lemuria              | In          | 005 ★★★★★                | In          | Akkadi L 1             | Long        | 012 Volant             | In          |
| Magnitude            | Long        | 006 ★★★★★★               | In          | Akkadi L 2             | Long        | 013 Volant 2           | In          |
| Morim                | In          | 007 Performa 1           | In          | Akkadi Taichi          | In          | 014 Volant 3           | In          |
| NS 44                | Out         | 008 Performa 2           | In          | Alpha-Slick            | In          | 815                    | In          |
| Orthodox-DX,103      | Out         | 009 Pilot Advance        | In          | Anti 40                | Anti        | 820A                   | Out         |
| Pan Asia             | In          | 010 Pilot Power          | In          | Baxster                | Out         | 830                    | In          |
| Pecular              | Out         | 011 Pilot Style          | In          | Blues                  | In          | 1615                   | Long        |
| Raystorm             | Out         | 012 Pilot Control        | In          | Blues F5               | In          | 8338                   | In          |
| Rein                 | Out         | 013 Drive Style          | In          | Coppa                  | In          | 8484                   | In          |
| Relop Attack         | Long        | 014 Drive Control        | In          | Coppa JO               | In          | F.A. 213               | In          |
| Relop Large          | Out         | 015 Start Up'            | In          | Coppa JO Gold          | In          | F.C. 218               | In          |
| Sapphira             | In          | ★ ★                      | In          | Coppa JO Silver        | In          | F.L. 233               | In          |
| Selvid               | In          | ★ ★ ★                    | In          | Coppa Tagora           | In          | F.S. 232               | In          |
| Soft                 | In          | ★ ★ ★ ★                  | In          | Coppa Tenero           | In          | Volant                 | In          |
| Solcion              | In          | ★ ★ ★ ★ ★                | In          |                        |             |                        |             |
| Speedy-P.O.          | Out         | ★ ★ ★ ★ ★ ★              | In          |                        |             |                        |             |
| Sprier               | In          | ★ ★ ★ ★ ★ ★ ★            | In          |                        |             |                        |             |
| Sriver EL            | In          | ★ ★ ★ ★ ★ ★ ★ ★          | In          |                        |             |                        |             |
| Sriver FX            | In          | ★ ★ ★ ★ ★ ★ ★ ★ ★        | In          |                        |             |                        |             |
| Sriver G2            | In          | ★ ★ ★ ★ ★ ★ ★ ★ ★ ★      | 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>24) DOUBLE HAPPINESS / DHS</b> |             | TNT II  | In                  | R.I.T.C. 729-40S             | In          | 8086  | In             |
| 001 Hurricane                     | In          | TNT III   | In                  | R.I.T.C. 729 Cream           | In          | 8087  | In             |
| 002 Hurricane II                  | In          | TNT Nittaku   | In                  | R.I.T.C. 729 Dr. Evil        | Out         | 8088  | In             |
| 004 PF 4                          | In          | <b>25) DOUBLE POWER</b>   |                     | R.I.T.C. 729 Faster          | In          | 8228 A  | Out            |
| 005 Skyline II                    | In          | No. 3080  | In                  | R.I.T.C. 729 GeoSpin         | In          | 8228 B  | In             |
| 006 Skyline III                   | In          | <b>26) DR NEUBAUER</b>  |                     | R.I.T.C. 729 GeoSpin Tacky   | In          | Extspeed  | In             |
| 008 Memo                          | In          | 001 Special Defence   | In                  | R.I.T.C. 729 Higher          | In          | Maxspin   | In             |
| 009 Memo II                       | In          | 002 Goliath   | In                  | R.I.T.C. 729 SP              | In          | Superspeed  | In             |
| 010 Memo III                      | In          | 003 Monster Classic   | Long                | R.I.T.C. 729 SST             | In          | Superspin   | In             |
| 013 6512                          | In          | 004 Boomerang Classic   | Long                | R.I.T.C. 755                 | Long        | Superspin G2  | In             |
| 014 PF 4-1                        | In          | 005 Gorilla   | Anti                | R.I.T.C. 799                 | Out         | <b>31) GKI</b>  |                |
| 018 G 888                         | In          | 006 Grizzly   | Anti                | R.I.T.C. 802                 | Out         | 001 Nano Sting  | Long           |
| 027 C 8                           | Long        | 007 Anti Special  | Anti                | R.I.T.C. 802-1               | Out         | 002 Euro Chelonz  | In             |
| 028 Cloud & Fog II                | Long        | 008 A - B - S   | Anti                | R.I.T.C. 802-40              | Out         | 004 ChelonZ HybridZ   | In             |
| 040 PF 4 Nittaku                  | In          | 009 Fighter   | Long                | R.I.T.C. 804                 | Anti        | Euro *  | In             |
| 041 G 888 Nittaku                 | In          | <b>010 Inferno Classic</b>  | <b>Long</b>         | R.I.T.C. 837                 | Long        | Euro Jumbo  | In             |
| 045 Tin Arc                       | In          | Diamant   | Out                 | R.I.T.C. 2000 Tack-Speed     | In          | Euro Spintec  | In             |
| 046 Tin Arc II                    | In          | Domination  | In                  | Sky-Wing                     | In          | Euro V  | In             |
| 047 Tin Arc III                   | In          | Leopard   | Out                 | Super 729 FX                 | In          | Euro XX   | In             |
| 048 Gold Arc                      | In          | Pistol  | Out                 | Top Point                    | In          | Nano Attack   | Out            |
| 049 Gold Arc II                   | In          | Tornado Ultra   | Out                 | <b>28) GAMBLER</b>           |             | Nano Force  | In             |
| 050 Gold Arc III                  | In          | <b>111) DSP.CUP</b>   |                     | 001 Wraith                   | In          | <b>32) GLOBE</b>  |                |
| <b>054 Hurricane 8</b>            | <b>In</b>   | 001 Superwave.AX  | In                  | 002 Shadow                   | In          | <b>"GLOBE"</b> is also used as part of a brand name for <b>"XUSHAOFA"</b> . |                |
| <b>055 Hurricane 9</b>            | <b>In</b>   | <b>107) DUNLOP</b>  |                     | 003 Reflectoid               | In          |   |                |
| 108 Hurricane III                 | In          | 001 Blackstorm Nitro  | In                  | 4 Kings                      | In          | <b>001 Mo Wang</b>  | <b>Out</b>     |
| 651                               | Out         | 002 Blackstorm Nemesis  | In                  | Aces                         | In          | <b>002 Mo Wang II</b>   | <b>Out</b>     |
| 652                               | Out         | 003 Venom Control   | In                  | Outlaw                       | In          | 888   | Out            |
| 6512                              | In          | 004 Venom Power   | In                  | Peace Keeper                 | Out         | 889   | Out            |
| 874                               | Out         | 005 Venom Attack  | In                  | Six Shooter                  | In          | 889-2   | Out            |
| C7                                | Out         | 006 Venom Spin  | In                  | <b>112) GENOTE</b>           |             | 979   | Long           |
| C - 8                             | Long        | 007 4D Ultimate   | In                  | 001 Peak-power               | In          | 999   | In             |
| Cloud & Fog II                    | Long        | <b>27) FRIENDSHIP</b>   |                     | 001 Proton                   | In          | 999T  | In             |
| Cloud & Fog III                   | Long        | <b>"FRIENDSHIP"</b> is also used as part of a brand name for <b>"KOKUTAKU", "WINNING"</b> |                     | 002 Stratos                  | In          | Awala   | In             |
| Dipper                            | In          |   | 001 R.I.T.C 729 - 5 | In                           | 003 Reflexx | In  | Jinxuanfeng II |
| Dipper II                         | In          | 002 R.I.T.C. 755 - 2  | Long                | 004 Thunderball <sup>2</sup> | In          | Jinxuanfeng III   | In             |
| Dipper III                        | In          | 003 Kokutaku New 729-2  | In                  | Maxima                       | In          | Liqin   | In             |
| Dragonow                          | Out         | 004 R.I.T.C 729 - 08  | In                  | Mega Flex Control            | In          | Magicwand   | In             |
| G555                              | In          | <b>005 729 105</b>  | <b>Out</b>          | Nano                         | In          | Prize   | In             |
| G666                              | In          | <b>006 729 Battle</b>   | <b>In</b>           | Target airTEC                | In          | Taiphooon Gold  | In             |
| G666 Nittaku                      | In          | <b>007 729 Battle II</b>  | <b>In</b>           | Target Energy                | In          | Tropy   | In             |
| G777                              | In          | <b>008 Origin</b>   | <b>In</b>           | Viper cell TEC               | In          | Trump Card  | In             |
| G888                              | In          | 729 Focus   | In                  | <b>30) GIANT DRAGON</b>      |             | <b>34) GUOQIU</b>   |                |
| G888 Nittaku                      | In          | 729 Focus II  | In                  | 001 Taichi                   | In          | 001 Gong Fu   | In             |
| Hurricane                         | In          | 729 Focus III   | In                  | 002 Karate                   | In          | AB  | In             |
| Hurricane II                      | In          | 729 High Point  | In                  | 003 Meteorite                | Long        | FF  | In             |
| Hurricane III                     | In          | Kokutaku 563 - 1  | Out                 | 004 Giant Long               | Long        | HB  | In             |
| Magican                           | In          | Kokutaku 729-40 H   | In                  | 005 Allround                 | In          | MG  | Long           |
| Magican II                        | In          | Kokutaku 729-40 S   | In                  | 006 Guard                    | Anti        | MG II   | Long           |
| Magican III                       | In          | Kokutaku 755  | Long                | 007 Submarine                | In          | SS  | Out            |
| Memo                              | In          | Kokutaku 802-40   | Out                 | 008 Topenergy                | In          | <b>90) HAIFU</b>  |                |
| Memo II                           | In          | Kokutaku R.I.T.C. 729 SP  | In                  | 009 Superspin G3             | In          | 001 Whale   | In             |
| Memo III                          | In          | R.I.T.C. 563  | Out                 | <b>010 Superspin G4</b>      | <b>In</b>   | 002 Shark   | In             |
| Nittaku C 7                       | Out         | R.I.T.C. 563-1  | Out                 | <b>011 Superverloce V12</b>  | <b>In</b>   | 003 Penguin   | Out            |
| Nittaku Hurricane II              | In          | R.I.T.C. 729  | In                  | <b>012 Dragon Talon</b>      | <b>Long</b> | 004 Dolphin   | Out            |
| Nittaku Hurricane III             | In          | R.I.T.C. 729-2  | In                  | <b>013 Snowflake</b>         | <b>Long</b> | 005 Whale III   | In             |
| Nittaku Hurricane Pro II          | In          | R.I.T.C. 729-3  | In                  | <b>014 Cropcircles</b>       | <b>Long</b> | 006 Shark III   | In             |
| Nittaku Hurricane Pro III         | In          | R.I.T.C. 729-40H  | In                  | <b>015 Blast</b>             | <b>Out</b>  | 007 Pirates 07  | In             |
| PF 4                              | In          | <b>111) DSP.CUP</b>   |                     | <b>016 612</b>               | <b>Out</b>  | 008 Pirates 08  | In             |
| PF 4-1                            | In          | 001 Superwave.AX  | In                  | 807                          | In          | <b>009 Octopus</b>  | <b>Long</b>    |
| PF 4 Nittaku                      | In          | <b>107) DUNLOP</b>  |                     | <b>29) GEWO</b>              |             | <b>97) HALEX</b>  |                |
| Sharping                          | Out         | 001 Blackstorm Nitro  | In                  | 001 Proton                   | In          | (no other mark)   | In             |
| Sharping Nittaku                  | Out         | 002 Blackstorm Nemesis  | In                  | 002 Stratos                  | In          | XR - 3000   | In             |
| Skyline                           | In          | 003 Venom Control   | In                  | 003 Reflexx                  | In          |   |                |
| Skyline II                        | In          | 004 Venom Power   | In                  | 004 Thunderball <sup>2</sup> | In          |   |                |
| Skyline III                       | In          | 005 Venom Attack  | In                  | Maxima                       | In          |   |                |
| Surpass                           | In          | 006 Venom Spin  | In                  | Mega Flex Control            | In          |   |                |
| TNT                               | In          | 007 4D Ultimate   | In                  | Nano                         | 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>35) HALLMARK</b>        |             | Moskito               | In          | <b>45) KOKUTAKU</b>  |                      | 8512  | Long                  |      |
| 002 Podium                 | In          | Octopus               | Long        | <b>"KOKUTAKU" is also used as part of a brand name for "FRIENDSHIP".</b> |                      | 9012  | Long                  |      |
| 003 Friction Super Special | Long        | orbit ICU             | In          |  | <b>49) MILKY WAY</b> |   | 001 Apollo            | In   |
| 004 Pheonix                | Long        | Peking                | In          |  | 002 Sun              | In  | 003 Moon              | In   |
| 005 Friction Special 2     | Long        | Poker                 | Long ‡      |  | 955                  | Long  | 9000                  | In   |
| 006 Green Power            | In          | Samba                 | In          |  | Earth                | In  | Earth                 | In   |
| Frustration                | Long        | Samba Ntec            | In          |  | Jupiter              | In  | Mars                  | In   |
| Half Long                  | Out         | Smart                 | In          |  | Mercury              | In  | Mercury               | In   |
| Magic Pips                 | Out         | Smash                 | In          |  | Neptune              | Long  | Neptune               | Long |
| Mirage                     | Anti        | Snabb                 | Out         |  | Pluto                | Out   | Pluto                 | Out  |
| Panther                    | Out         | Spring Thunder        | In          |  | Saturn               | In  | Saturn                | In   |
| Power Spin                 | In          | Staccato              | Out         |  | Venus                | In  | Venus                 | In   |
| <b>104) HUARUITE</b>       |             | Tango                 | In          |  | <b>50) MIZUNO</b>    |   | 001 Charge SS         | In   |
| 001 Wujilong               | In          | Tango Extrem          | In          |  | 002 Plaudit MF       | In  | 003 Quasar            | In   |
| <b>36) IMPERIAL</b>        |             | Tango Metallic        | In          | <b>004 Quasar MF</b>   | <b>In</b>            | Booster EV  | Out                   |      |
| 001 Factor                 | In          | Tango Titan 3.0       | In          | Booster SA   | Out                  | Booster SA  | Out                   |      |
| China                      | In          | Tango Ultra           | Out         | Charge   | In                   | Charge  | In                    |      |
| Crash                      | In          | Teacher               | In          | Charge MF  | In                   | Charge MF   | In                    |      |
| Cyber Tacky                | In          | Terminator            | In          | ChargePro  | In                   | ChargePro   | In                    |      |
| Force                      | In          | Thema                 | In          | HyperZone  | In                   | HyperZone   | In                    |      |
| Rubber 11 20 one           | In          | Topspin               | In          | Plaudit  | In                   | Plaudit   | In                    |      |
| Rubber 45 20 one           | In          | Tramp                 | In          | Polaris  | Out                  | Polaris   | Out                   |      |
| Super Strike               | In          | <b>41) JUIC</b>       |             | Unison   | In                   | Unison  | In                    |      |
| Swift                      | In          | 001 Aircondle         | In          | <b>51) NB ENEBE</b>  |                      | ★   | In                    |      |
| <b>38) JAPTEC</b>          |             | 004 Nanospin          | In          | ★ ★  | In                   | ★ ★ ★   | In                    |      |
| Balance                    | In          | 005 Patisuma III      | Out         | ★ ★ ★  | In                   | Pro   | In                    |      |
| DL - 01                    | Long        | 006 Nano Spin II      | In          | <b>91) NEOTTEC</b>   |                      | 001 Hinomi  | In                    |      |
| Experience                 | In          | 999                   | In          | 002 Iken   | In                   | 002 Iken  | In                    |      |
| Performance                | In          | 999 Elite             | In          | 003 Katana   | In                   | 003 Katana  | In                    |      |
| Precision                  | In          | Anti Super Spin       | Anti        | 004 Tokkan   | Long                 | 004 Tokkan  | Long                  |      |
| <b>40) JOOLA</b>           |             | Couga                 | In [B]      | 005 Maxima   | In                   | 005 Maxima  | In                    |      |
| 001 Express                | In          | Dany III              | In          | <b>94) NEXY</b>  |                      | 001 Demian  | In                    |      |
| 002 Shark                  | Long        | Dany V                | In          | 002 Kairos   | Out                  | 002 Kairos  | Out                   |      |
| 003 Orca                   | Long        | DrivaSmash            | In          | 003 Chaos  | Long                 | 003 Chaos   | Long                  |      |
| 004 Amy                    | Anti        | DrivaSmash SV         | In          | <b>53) NIMATSU</b>   |                      | 001 Chimera   | In                    |      |
| 005 Express X-Plode        | In          | Driva Smash Ultima    | In          | 002 Zerberus   | Long                 | 002 Zerberus  | Long                  |      |
| 006 Express Ultra          | Out         | Leggy R               | Long        | Hurricane  | In                   | Hurricane   | In                    |      |
| 007 Phénix                 | In          | Masterspin            | Out         | Pegasus  | In                   | Pegasus   | In                    |      |
| 008 X-Plode                | In          | Masterspin II         | Out         | Scorpion   | In                   | Scorpion  | In                    |      |
| 009 Brave                  | In          | NanoCannon            | In          | Spinfighter ★ ★ ★  | In                   | Spinfighter ★ ★ ★   | In                    |      |
| 4 all                      | In          | Neo Anti              | Anti        | XX5  | In                   | XX5   | In                    |      |
| 4 You                      | In          | Offense               | Out         | <b>54) NITTAKU</b>   |                      | <b>"NITTAKU" is also used as part of some brand names for "DOUBLE HAPPINESS/DHS".</b> |                       |      |
| air !                      | In          | Patisuma              | Out         |  |                      |   | 001 Moristo RS        | In   |
| Amigo                      | Out ‡       | Patisuma II           | Out         |  |                      |   | 002 Renanos Bright    | In   |
| Anti Topspin Toni Hold     | Anti        | PipsAce               | Out ‡       |  |                      |   | 003 Specialist Hibiki | Out  |
| Antispin Soft              | Anti        | Scramble              | In          |  |                      |   | 004 Narucross 44      | Out  |
| Badman                     | Long        | Scramble 21           | In          |  |                      |   |                       |      |
| Basic                      | In          | Shenron               | In          | <b>47) LKT</b>   |                      |   |                       |      |
| Cava                       | In          | Spark                 | In          | 001 Rapid Speed  | In                   |   |                       |      |
| Compass                    | In          | SpinSpiel             | In          | 002 Rapid Power  | In                   |   |                       |      |
| Dingo                      | In          | Varites               | In          | 003 Rapid Sound  | In                   |   |                       |      |
| Drum                       | In          | <b>42) KETTLER</b>    |             | 004 Rapid Soft   | In                   |   |                       |      |
| EasySpin                   | In          | Coach                 | In          | 005 Black Power  | In[B]                |   |                       |      |
| Echo                       | In          | Master                | In          | 006 Red Diamond  | In[R]                |   |                       |      |
| Energy                     | In          | Professional          | In          | Pro XP   | In                   |   |                       |      |
| Energy X-tra               | In          | <b>43) KILLERSPIN</b> |             | Pro XT   | In                   |   |                       |      |
| Fiesta                     | In          | 001 Blast             | In          | Recoil   | In                   |   |                       |      |
| GX 75                      | In          | 002 Fortissimo        | In          | Torrent E.G.S.   | In                   |   |                       |      |
| Mambo                      | In          | 003 GT 2              | In          | <b>48) METEOR</b>  |                      |   |                       |      |
| Mambo C                    | In          | Nitrx-4Z              | In          | 575  | Out                  |   |                       |      |
| Mambo GP                   | In          | <b>44) KINSON</b>     |             | 71-1   | Long                 |   |                       |      |
| Mambo H                    | In          | Perfect               | In          | 71-2   | Out                  |   |                       |      |
|                            |             | Super Spin            | In          | 813  | In                   |   |                       |      |
|                            |             |                       |             | 835  | In                   |   |                       |      |
|                            |             |                       |             | 845  | Out                  |   |                       |      |

| ITTF N°) SUPPLIER     |             | ITTF N°) SUPPLIER              |             | ITTF N°) SUPPLIER              |             | ITTF N°) SUPPLIER              |             |
|-----------------------|-------------|--------------------------------|-------------|--------------------------------|-------------|--------------------------------|-------------|
| Brand                 | Pimple Type | Brand                          | Pimple Type | Brand                          | Pimple Type | Brand                          | Pimple Type |
| 005 Annsort           | In          | Hadou                          | In          | 003 Gears                      | In          | Destroyer                      | Long        |
| 006 Hammond FA Speed  | Out         | Hidden Dragon                  | In          | 005 Ghost                      | Out         | Doer                           | In          |
| 007 Hammond Pro β     | In          | HK1997                         | In          | 006 Code                       | Long        | Drive                          | In          |
| 008 Renanos BS        | In          | Macro                          | In          | 007 T88 Taiji                  | In          | Energy Absorber                | Anti        |
| 009 Renanos Hold      | In          | Macro Pro                      | In          | 008 T88                        | In          | Evo                            | In          |
| 011 Narucross GS      | In          | Maximo                         | In          | 009 T88 - I                    | In          | Future                         | In          |
| 012 Learner           | In          | Wildish Dragon                 | In          | 010 T88 - II                   | In          | Innova                         | In          |
| <b>013 Wallest</b>    | <b>Out</b>  | WP1013                         | Out         | 011 T88 - III                  | In          | Innova Premium                 | In          |
| 015 Fastarc G-1       | In          | <b>56) PEACE</b>               |             | <b>113) SAVIGA</b>             |             | Innova Ultra Light             | In          |
| 016 Fastarc S-1       | In          | <b>"PEACE" is also used</b>    |             | <b>"SAVIGA" is also used</b>   |             | Innova Ultra Light             | In          |
| <b>017 Galze</b>      | <b>In</b>   | <b>as part of a brand name</b> |             | <b>as part of a brand name</b> |             | Synergy Tech                   | In          |
| <b>018 Royallarge</b> | <b>Out</b>  | <b>for "GAMBLER".</b>          |             | <b>for "DAWEI".</b>            |             | Magic                          | In          |
| <b>019 Retora</b>     | <b>In</b>   | 001 LGO 44                     | Out         | 001 Turbo                      | In          | Magna                          | In          |
| Arufeel               | In          | C'oma                          | In          | 002 Fantasy                    | Long        | Mendo                          | In          |
| Best Anti             | Anti        | G'enstar                       | In          | <b>63) SCHILDKRÖT</b>          |             | Mendo Energy                   | In          |
| Express               | Out         | Leo                            | In          | Avantgarde ***                 | In          | Mendo MP                       | In          |
| Graffiti              | In          | Nova                           | In          | Champion *****                 | In          | Neos                           | In          |
| Hammond               | In          | Vela                           | In          | Elite                          | In          | Neos Sound                     | In          |
| Hammond FA            | Out         | <b>57) POINT BLANK</b>         |             | Energy                         | In          | Neos Sound Synergy Tech        | In          |
| Hammond Pro α         | In          | Illusion                       | In          | Jade                           | In          | Neos Synergy Tech              | In          |
| Hammond X             | In          | One Star                       | In          | Prestige                       | In          | Neos Tacky                     | In          |
| Hi-Super Drive        | In          | Star                           | In          | Spinmax                        | In          | Optimum MP                     | In          |
| Japan Original        | In          | Super Star                     | In          | <b>108) SPINLORD</b>           |             | Premium                        | In          |
| J.O. Pen              | In          | Three Star                     | In          | 001 Marder                     | In          | Radical                        | Out         |
| J.O. Shake            | In          | Topgun                         | In          | 002 Tiger                      | In          | Royal                          | Out         |
| J.O. Waldner          | In          | Top Star                       | In          | 003 Adler                      | In          | Stream                         | In          |
| J.O. Waldner S.C.     | In          | Two Star                       | In          | <b>004 Zeitgeist</b>           | <b>Long</b> | Triumph                        | In          |
| Magic Carbon          | In          | <b>58) PRASIDHA</b>            |             | <b>005 Stachelfeuer</b>        | <b>Long</b> | <b>69) SUNFLEX</b>             |             |
| Micro                 | In          | 001 Apple                      | In          | <b>93) SPOKEY</b>              |             | 001 Expert Xonox               | In          |
| Moristo 2000          | In          | 820                            | Out         | 001 Master                     | In          | 002 Expert Zeno                | In          |
| Moristo 44            | Out         | 830                            | In          | <b>66) SPORTCRAFT</b>          |             | AF 50                          | In          |
| Moristo DF            | In          | 838                            | In          | ***                            | In          | BZ 60                          | In          |
| Moristo FG            | In          | 1615                           | Long        | ****                           | In          | Mandarin                       | In          |
| Moristo LP            | Long        | Action                         | Out         | *****                          | In          | Mikado                         | In          |
| Moristo LP One        | Long        | Frankfurt                      | In          | <b>67) STAG</b>                |             | Mogul                          | In          |
| Moristo SP            | Out         | Hamburg                        | In          | 001 Peter Karlsson             | In          | Samurai                        | In          |
| Narucross             | In          | Long A                         | Long        | 002 Peter Karlsson Training    | In          | Shogun                         | In          |
| Narucross EX          | In          | Osaka                          | In          | 003 High Tension Explosive     | In          | Sun-Control                    | In          |
| Narucross tension     | In          | Speed - F                      | Out         | All Round                      | In          | Sun-Power                      | In          |
| Nodias                | In          | Tokyo                          | In          | Ninja Attack                   | In          | Taipan                         | In          |
| Pimplemini            | Out         | Twister 8338                   | In          | Ninja Fire                     | In          | <b>70) SWORD</b>               |             |
| Pimplemini One        | Out         | <b>60) REACTOR</b>             |             | Power Drive                    | In          | 001 Break                      | In          |
| Refoma                | In          | Boaz                           | In          | Thunder Spin                   | In          | 002 Paladin                    | In          |
| Renanos               | In          | Ckylin                         | In          | <b>68) STIGA</b>               |             | 003 Scylla                     | Long        |
| Screw                 | Long        | Corbor                         | In          | 001 Boost TP                   | In          | <b>005 Maze</b>                | <b>In</b>   |
| Screw One             | Long        | Novar                          | In          | 002 Boost TC                   | In          | <b>006 Nano</b>                | <b>In</b>   |
| Specialist Chikara    | Out         | Sonix                          | In          | 003 Boost TS                   | In          | 2000-F                         | In          |
| Specialist One        | Out         | Thunder                        | In          | 004 Boost TX                   | In          | Hero                           | In          |
| Specialist Soft       | Out         | Tornado                        | In          | 005 JMS EVO 1                  | In          | King                           | In          |
| Specialist Soft HS    | Out         | <b>61) RUCANOR</b>             |             | 006 Magna TC II                | In          | RG                             | In          |
| Spiral                | In          | 001 Competition                | In          | 007 Magna TS II                | In          | <b>88) TALENT</b>              |             |
| Super Large           | Out         | Competition                    | In          | 008 Calibra LT                 | In          | <b>"TALENT" is also</b>        |             |
| Tracer                | In          | Mogi Ura                       | In          | 009 Calibra LT Sound           | In          | <b>used as part of a brand</b> |             |
| Universal- Ribbon     | In          | Orient                         | In          | <b>010 Power LT</b>            | <b>In</b>   | <b>name for "BOMB".</b>        |             |
| Universal- Ribbon     | Out         | TTB-150                        | In          | Almana                         | In          | 001 Spider King                | In          |
| <b>55) PALIO</b>      |             | <b>87) SAN - EI</b>            |             | Almana Sound                   | In          | <b>72) TECNOPRO</b>            |             |
| 001 Macro ERA         | In          | 001 Taipan                     | In          | Almana Sound Synergy Tech      | In          | Competition                    | In          |
| 002 Conqueror         | In          | 002 Samurai                    | In          | Carbo                          | In          | Expert                         | In          |
| 003 Flying Dragon     | Out         | 003 Shogun                     | In          | Carbo MC                       | In          | Supercom                       | In          |
| 004 Power Dragon      | Out         | <b>62) SANWEI</b>              |             | Carbo Sound                    | In          | Tournament                     | In          |
| 005 Thor's            | In          | 001 Target                     | In          | China Extreme                  | In          | <b>73) THREE NINE</b>          |             |
| 006 Blit'z            | In          | 002 Rings Link                 | In          | Chop & Drive                   | In          | 999 T-1                        | In          |
| AK47                  | In          |                                |             | Clippa                         | Out         | 999 T-2                        | In          |
| Amigo                 | In          |                                |             | Cobra 2000                     | In          | 999 T-3                        | In          |
| CJ8000                | In          |                                |             |                                |             | Super 999 T                    | In          |
| CK531A                | Long        |                                |             |                                |             |                                |             |
| Drunken Dragon        | In          |                                |             |                                |             |                                |             |
| Emperor Dragon        | In          |                                |             |                                |             |                                |             |

| ITTF N°) SUPPLIER   |             | ITTF N°) SUPPLIER      |             | ITTF N°) SUPPLIER          |             | ITTF N°) SUPPLIER     |             |
|---|-------------|------------------------|-------------|----------------------------|-------------|-----------------------|-------------|
| Brand   | Pimple Type | Brand                  | Pimple Type | Brand                      | Pimple Type | Brand                 | Pimple Type |
| <b>74) TIBHAR</b>   |             | <b>008 Rise Speed</b>  | <i>In</i>   | <b>109) WIN</b>            |             | <b>82) YAPING</b>     |             |
| 001 Sinus   | In          | 730                    | In          | 001 Spear                  | In          | 139                   | In          |
| 002 Grass Flex  | Out         | Actor                  | In          | 002 Aegis                  | In          | <b>83) YASAKA</b>     |             |
| 003 Grass Ultra   | Long        | Barri - Up             | In          | 003 Axe                    | In          | 001 Pryde             | In          |
| 004 Primus  | In          | Bjorn                  | In          | 004 Bow                    | In          | 002 Pryde 30          | In          |
| 005 Genius  | In          | Bolt                   | In          | <b>78) WINNING</b>         |             | 003 Xtend LB          | Out         |
| 006 Nianmor   | In          | Brio                   | In          | 738 Super                  | In          | 004 Cadet             | In          |
| 007 Aurus   | In          | Cesalo                 | In          | Friendship 729 Super TSS   | In          | 005 Marvelous         | Out         |
| 008 Grip - S  | In          | Curl P-1 R             | Long        | King Power Komann          | In          | 006 Pryde 40          | In          |
| 009 Genius +  | In          | Curl P-2               | Out         | Komann                     | In          | 007 Rakza 7           | In          |
| 010 Mythik  | Long        | Curl P-3               | Long        | Komann Super Fit           | In          | 008 Rakza 9           | In          |
| 011 Karisma   | In          | Curl P-3α R            | Long        | NP - 1                     | Out         | 009 Rakza 7 Soft      | In          |
| <b>012 Evolution FX - P</b>                                   | <i>In</i>   | Cut Man                | In          | NP - 2                     | Out         | 010 Rakza 9 Soft      | In          |
| <b>013 Evolution MX - P</b>                                   | <i>In</i>   | D-Top                  | In          | NP - 6                     | Out         | 011 Mark V HPS        | In          |
| <b>014 Grip - S Europe</b>                                    | <i>In</i>   | Giant                  | In          | NP - 8                     | Out         | 012 Mark V HPS Soft   | In          |
| Black Techno  | In [B]      | Hiyaku                 | In          | <b>79) XIOM</b>            |             | 013 Rakza PO          | Out         |
| Bungee  | In          | L Catcher              | Out         | 001 Sigma                  | In          | Anti Power            | In          |
| Dang  | In          | Milli Tall II          | Out         | 002 Zeta                   | In          | A-1-2 A-1             | Out         |
| Ellen   | Anti        | Miracle                | Out         | 003 Omega IV               | In          | A-1-2 A-2             | Out         |
| Extra Long  | Long #      | Miracle Super          | Out         | 004 Flamenco               | In          | Cobalt α              | Out         |
| Grass   | Long        | Real                   | In          | 005 Sigma I                | In          | Cobalt X1             | Out         |
| Grass D. TecS   | Long        | Spectol                | Out         | 006 Sigma II               | In          | Cobalt X2             | Out         |
| Learn Cont  | In          | Summit                 | In          | 007 Sigma III              | In          | Extreme Speed         | In          |
| Learn Spin  | In          | Super Spinpips         | Out         | 008 Vega Europe            | In          | Fusion                | In          |
| Legend  | In          | Tarbit                 | In          | 009 Vega Asia              | In          | Large Pro             | Out         |
| Makss   | In          | Tation                 | In          | 010 Sigma I Japan Special  | In          | Mark V                | In          |
| Nimbus  | In          | T - Rex                | In          | 011 Zava 1                 | Out         | Mark V AD             | In          |
| Norm  | In          | Triple                 | In          | 012 Vega Pro               | In          | Mark V GPS            | In          |
| Phantom   | In          | Tyranno                | Out         | 013 Vega Elite             | In          | Mark V M <sup>2</sup> | In          |
| Rapid   | In          | U Q                    | In          | <b>014 Tau I</b>           | <i>In</i>   | Mark V XS             | In          |
| Rapid D. TecS   | In          | X's                    | In          | <b>015 Tau II</b>          | <i>In</i>   | New Era               | In          |
| Rapid Soft  | In          | X's F-1                | In          | <b>016 Tau III</b>         | <i>In</i>   | Original              | In          |
| Rapid X-Press   | In          | X's F-1 V              | In          | <b>017 Omega IV Pro</b>    | <i>In</i>   | Original              | Out         |
| Rookie D. TecS  | In          | <b>77) TT MASTER</b>   |             | <b>018 Omega IV Asia</b>   | <i>In</i>   | Original A-1          | Out         |
| Samurai   | In          | 001 Fireproof II       | Long        | <b>019 Omega IV Europe</b> | <i>In</i>   | Original A-2          | Out         |
| Serie 2000  | In          | 002 Punto              | Long        | <b>020 Omega IV Elite</b>  | <i>In</i>   | Original Extra        | In          |
| Speedy S/L  | In          | 005 Master Spin        | In          | <b>021 Vega Pro China</b>  | <i>In</i>   | PB-1                  | Out         |
| Speedy Soft   | Out         | 006 Master Anti        | Anti        | <i>Special</i>             | <i>In</i>   | Phantom 007           | Long        |
| Speedy Soft D. TecS   | Out         | 007 Selection          | Long        | <b>022 Vega Asia China</b> | <i>In</i>   | Phantom 008           | Long        |
| Speedy Spin   | In          | Fireproof              | Long        | <i>Special</i>             | <i>In</i>   | Phantom 009           | Long        |
| Speedy Spin Premium   | In          | S - Max                | In          | Guillotine - S             | Long        | Phantom 0011 ∞        | Long        |
| Standard  | In          | <b>96) TUTTLE</b>      |             | Max - Leverage             | In          | Phantom 0012 ∞        | Long        |
| Storm   | In          | 001 Beijing            | In          | Omega I                    | In          | Top 12                | In          |
| Super Defense 40  | In          | 002 World No. 1        | In          | Omega II                   | In          | Vision                | In          |
| Torpedo   | In          | 003 AAA                | In          | Omega III                  | In          | V Stage               | In          |
| Vari Spin   | In          | <b>004 LV</b>          | <i>In</i>   | Pro - Exclusive            | In          | Wallie                | In          |
| Vari Spin D. TecS   | In          | <b>005 888</b>         | <i>In</i>   | Pro - Z                    | In          | Xtend                 | In          |
| Volcano   | In          | <b>006 Spring - 3B</b> | <i>In</i>   | Styx - SP                  | Out         | Xtend HS              | In          |
| <b>75) TONI HOLD</b>  |             | <b>007 Summer - 3C</b> | <i>Out</i>  | True - Innovation          | In          | Xtend PO              | Out         |
| "TONI HOLD" is also used as part of a brand name for "JOOLA". |             | <b>008 Autumn - 3D</b> | <i>Out</i>  | Yanus - DF                 | In          | Zap                   | In          |
|   |             | <b>009 Winter - 3E</b> | <i>Out</i>  | <b>80) XIYING</b>          |             | <b>84) YASHIMA</b>    |             |
| Anti Topspin New 40   | Anti        | <b>85) V 3 TEC</b>     |             | 889                        | Out         | Competition XR3000    | In          |
| <b>76) TSP</b>  |             | 001 Spin Attack X3     | In          | 979                        | Long        | Go Sport XR3000       | In          |
| 001 Curl P-H  | Long        | 002 Fast Control S1    | In          | 999                        | In          | Go Sport XX5          | In          |
| 003 Deus  | In          | 003 Power Drive Y5     | In          | <b>81) XUSHAOFA</b>        |             | Upper Spin            |             |
| 004 Grandy  | In          | <b>117) VICTAS</b>     |             | 999                        | In          | Competition XR7       | In          |
| <b>005 Agrit</b>  | <i>In</i>   | <b>001 VO - 101</b>    | <i>Out</i>  | 999 LSZ                    | In          | XX3                   | In          |
| <b>006 Agrit Speed</b>  | <i>In</i>   | <b>002 VLB - 301</b>   | <i>Out</i>  | 999 Yang                   | In          | XX-5                  | In          |
| <b>007 Rise</b>   | <i>In</i>   | <b>003 VS - 401</b>    | <i>In</i>   | 999 ZCD                    | In          |                       |             |
|   |             |                        |             | Globe 999                  | In          |                       |             |



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