## LARC (LIST AUTHORISED RACKET COVERINGS) N°33 1 JULY 2012 – 31 DECEMBER 2012

Also available on the Internet: [www.ittf.com](http://www.ittf.com) (Home, Equipment, Racket Coverings)

**DATE OF PUBLICATION:** 1 April 2012

The new rubbers entering LARC 33 appear in **bold italics**, whilst other changes appear in **bold**, and both are valid with immediate effect.

Dark sponge (black, blue, brown, green, purple) 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 LARC 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 LARC. However, the brand name given in the LARC must be there (for example, Butterfly Sriver L and Butterfly Sriver S have the brand name “Butterfly”

Some texts could be positioned anywhere in the area reserved for the text on the rubber.

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

1. Make certain that you have the correct LARC (see date of validity, it is published twice a year, in April and October).

2. The supplier and brand names as well as the ITTF logo and eventually ITTF number should be clearly visible on the rubber.

3. These names should appear in the LARC. If in doubt, check the images/pictures on the ITTF web site.

### LEGEND

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

“Long” Under ‘Pimple Type’, this is used where the aspect ratio (= pimple height / pimple diameter) is larger than 0.89.

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

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

### ITTF N°) SUPPLIER

<table>
<thead>
<tr>
<th>Brand</th>
<th>Pimple Type</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### ITTF N°) SUPPLIER

<table>
<thead>
<tr>
<th>Brand</th>
<th>Pimple Type</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### ITTF N°) SUPPLIER

<table>
<thead>
<tr>
<th>Brand</th>
<th>Pimple Type</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### ITTF N°) SUPPLIER

<table>
<thead>
<tr>
<th>Brand</th>
<th>Pimple Type</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**Bold** indicates a version available with a textile reinforcement, intended to be used without sponge.

---

**Update:** 01/04/12

---

[Home, Equipment, Racket Coverings]

---

**DATE OF PUBLICATION:** 1 April 2012

---

[www.ittf.com](http://www.ittf.com), and both are valid with immediate effect.
ITTF N°) SUPPLIER
Brand                  Pimble Type
Raidier                In
Rex                    In
Talent                 Long
Tensa                  In
Ufo                    In
Violent               In

14) BUTTERFLY
001 Tenergy 05        In
002 Tenergy 25        In
003 Tenergy 64        In
004 Pan Asia - X      In
005 Spinart           In
006 Sriver G3        In
007 Sriver G3 FX      In
008 Roundell          In
009 Tenergy 05 FX     In
010 Tenergy 25 FX     In
011 Tenergy 64 FX     In
012 Flarestorm II     Out
013 Addoy             In
014 Wakaba            In
015 Pan Asia          In
016 Yuki              In
017 Dignics           In
018 Tenergy 80        In
019 Largestorm        Out
Addoy                 In
Biriba                In [R]
Black                 In [B]
Bryce                 In
Bryce FX              In
Bryce Speed           In
Bryce Speed FX        In
Catapult              In
Cermet               In
Challenger Attack     Out
Challenger Large      Out
D’Or                  In
Driver               In [R]
Ekrips                In
Feint AG              Long
Feint Long II         Long
Feint Long III        Long
Feint-OX              Long
Feint-Soft            Long
Flarestorm            Out
Flextra               In
Fräulein             In
Large 44 DX           Out
Lemuria              In
Magnitude             Long
Morim                In
NS 44                 Out
Orthodox-DX,103 Out
Pan Asia              Out
Pecular              Out
Raystorm             Out
Rein                  Out
Relop Attack         Long
Relop Large           Out
Sapphire             In
Selvid               In
Soft                  In
Solcion              In
Speedy-P.O.           Out
Sperier              In
Sriver EL            In
Sriver FX            In
Sriver G2            In
Sriver G2 FX         In
Sriver L             In
Sriver S             In
Stayer               In
Super Anti           Anti
Super-Sriver         In
Tackifire-C           In
Tackifire-D           In
Tackifire SP          In
Tackiness-C           In
Tackiness-C II       In
Tackiness-D           In
Tempest              In
Wakaba               In
West Will            Out
Yuki                 In

15) CARREFOUR
Top Life             In

16) CHAMPION
"CHAMPION" is used as part of a brand name for "SCHILDKRÖT".
Apache               In
Aragonik             In
Cyclops             In
Elyson              In
Hexa                  In
Jason                 In
Khan                  In
Mercury              In
Next                   In
Partizan              In
Quantum              In
Spartan              In
Trident              In
Trojan                In
Tron                  In
Ulyssis              In

17) CORNILLEAU
001 *                In
002 **               In
003 ***              In
004 ****             In
005 *****            In
006 ******           In
007 Performa 1      In
008 Performa 2      In
009 Pilot Advance   In
010 Pilot Power     In
011 Pilot Style     In
012 Pilot Control   In
013 Drive Style     In
014 Drive Control   In
015 Start Up’      In
016 Pulse Racer     In
017 Pulse Rider     In
018 Target Ultim    In
019 Target Sound    In
020 Target Force    In

18) CRACK
999                  In
Master               In
SP                   In
Twister             In

99) CTT
001 National Pride  In
002 National Strike In
003 National Pogo   Long
004 National Hero   Long

19) DARKER
Provine            In
Spalbird           In
Vlon-S             In

20) DAWEI
2008               In
388A               In
388A-4             In
388C-1             Out
388D               Long
388D-1             Long
Inspirit           In
Saviga             In
Saviga V           Long

118) DER-
MATERIALSPEZIALIST
001 Nightmare       Anti
002 Beast           Anti
003 Undertaker      Long

21) DONIC
001 Coppa JO Platin In
002 Vario Gold      In
003 Alligator Def   Long
006 Baracuda       In
007 Coppa Speed    In
008 Basxter LB     Out
009 Twister LB     Out
010 Vario Big Slam In
011 Acuda S1       In
012 Acuda S2       In
013 Acuda S3       In
014 Coppa X1       In
015 Coppa X2       In
016 Coppa X3       In
017 Traction HS    In
018 Traction MS    In
019 Waldner Legend In
020 Vario Platin   In
021 Vario Sound    In
022 Alligator Anti Anti
023 Anti Classic   Anti
024 Acuda S1 Turbo In
025 Bluefire M1     In
026 Bluefire M2     In
027 Bluefire M3     In
026 Pirania Anti   Anti
66 G5               In
77 G5               In
*                   In
**                  In
***                 In
Akkadji Java       In
Akkadji K 1        Out
Akkadji K 2        Out
Akkadji L 1        Long
Akkadji L 2        Long
Akkadji Taichi     In
Alpha-Slick        In
Baxter              Out
Blues               In
Coppa              In
Coppa JO           In
Coppa JO Gold      In

22) DONIER
Max                In
Max Attack         In
SP 2               In
SP 4               In
SP 8               In
SP 12              In
Versus            In

23) DOUBLE FISH
001 A One           In
002 FA 213          In
003 FC 218          In
004 FS 232          In
005 FL 233          In
006 8338            In
007 8484            In
008 1615            Long
009 815             In
010 820 A           Out
011 830             In
012 Volant          In
013 Volant 2        In
014 Volant 3        In
815               In
820A               Out
830               In
1615              Long
8338              In
8484              In
F.A. 213           In
F.C. 218           In
F.L. 233           In
F.S. 232           In
Volant            In

24) DOUBLE
HAPPINESS / DHS
001 Hurricane       In
002 Hurricane II    In
004 PF 4           In
005 Skyline II     In
006 Skyline III    In

Update: 01/04/12
25) DOUBLE POWER
No. 3080  In

26) DR NEUBAUER
001 Special Defence In
002 Goliath In
003 Monster Classic Long

ITTF N°) SUPPLIER
Brand                  Pimple Type
008 Memo               In
009 Memo II            In
010 Memo III           In
013 6512              In
014 4-PF 4-In         In
018 4-888             In
027 C 8               Long
028 Cloud & Fog II    Out
040 PF 4 Nittaku     In
041 4888 Nittaku      In
045 Tin Arc           In
046 Tin Arc II        In
047 Tin Arc III       In
048 Gold Arc          In
049 Gold Arc II       In
050 Gold Arc III      In
054 Hurricane 8       In
055 Hurricane 9       In
108 Hurricane III     In
651                 Out
652                 Out
6512                Out
874                 Out
C 7                  Out
C - 8               Long
Cloud & Fog II       Long
Cloud & Fog III      Long
Dipper In
Dipper II            In
Dipper III           In
Dragonow Out
G555 In
G666 In
G666 Nittaku In
G777 In
G888 In
G888 Nittaku In
Hurricane In
Hurricane II In
Hurricane III In
Magican In
Magican II In
Magican III In
Memo In
Memo II              In
Memo III             In
Nittaku C 7       Out
Nittaku Hurricane II Out
Nittaku Hurricane III Out
Nittaku Hurricane Pro II Out
Nittaku Hurricane Pro III Out
PF 4 In
PF 4-1 In
Sharping Out
Sharping Nittaku Out
Skyline In
Skyline II In
Skyline III In
Surpass In
TNT In
TNT II In
TNT III In
TNT Nittaku In

26) DR NEUBAUER
001 Special Defence In
002 Goliath In
003 Monster Classic Long

ITTF N°) SUPPLIER
Brand                  Pimple Type
004 Boomerang Classic Long
005 Gorilla            Anti
006 Grizzly            Anti
007 Anti Special       Anti
008 A - B - S          Anti
009 Fighter           Long
010 Inferno Classic    Long
011 Desperate Long    In
012 Terminator Out $ Diamant Out
Domination In
Leopard Out
Pistol Out
Tornado Ultra Out

11) DSP.CUP
001 Superwave.AX In

107) DUNLOP
001 Blackstorm Nitro In
002 Blackstorm Nemesis In
003 Venom Control In
004 Venom Power In
005 Venom Attack In
006 Venom Spin In
007 4D Ultimate In
080 Revolution Max In
090 Revolution Max In
100 Revolution Max In

27) FRIENDSHIP
"FRIENDSHIP" is also used as part of a brand name for "KOKUTAKU","WINNING".

001 R.I.T.C 729 - 5 In
002 R.I.T.C 755 - 2 Long
003 Kokutaku New 729-2 In
004 R.I.T.C 729 - 08 In
005 729 105 Out
006 729 Battle In
007 729 Battle II In
008 729 Origin In
729 Focus In
729 Focus II In
729 Focus III In
729 High Point In
Kokutaku 563 - 1 Out
Kokutaku 729-40 H In
Kokutaku 729-40 S In
Kokutaku 755 Long
Kokutaku 802-40 Out
Kokutaku R.I.T.C. 729 SP In
R.I.T.C. 563 Out
R.I.T.C. 563-1 Out
R.I.T.C. 729 In
R.I.T.C. 729-2 In
R.I.T.C. 729-3 In
R.I.T.C. 729-40H In
R.I.T.C. 729-40S In
R.I.T.C. 729 Cream In
R.I.T.C. 729 Dr. Evil Out
R.I.T.C. 729 Faster In
R.I.T.C. 729 GeoSpin In
R.I.T.C. 729 GeoSpin Tacky In
R.I.T.C. 729 Higher In
R.I.T.C. 729 SP In
R.I.T.C. 729 SST In
R.I.T.C. 755 Long
R.I.T.C. 799 Out
R.I.T.C. 802 Out

ITTF N°) SUPPLIER
Brand                  Pimple Type
R.I.T.C. 802-1 Out
R.I.T.C. 802-40 Out
R.I.T.C. 804 Anti
R.I.T.C. 837 Long
R.I.T.C. 2000 Tack-Speed In
Sky-Wing In
Super 729 FX In
Top Point In

28) GAMBLER
001 Wraith In
002 Shadow In
003 Reflectoid In
A 4 Kings In
Aces In
Outlaw In
Peace Keeper Out
Six Shooter In

120) GEIL
003 Quickien In

112) GENOTO
001 Peak-power In

29) GEWRO
001 Prophet In
002 Stratos In
003 Reflexx In
004 Thunderball ² In
005 Return In
006 Flexion In
Mega Flex Control In
Nano In
Target airTEC In
Target Energy In

30) GIANT DRAGON
001 Taichi In
002 Karate In
003 Meteorite Long
004 Giant Long Long
005 Alround In
006 Guard Anti
007 Submarine In
008 Topenergy In
009 Superspin G3 In
010 Superspin G4 In
011 Superspin V2 In
012 Dragon Talon Long
013 Snowflake Long
014 Cropcircles Long
015 Blast Out
016 612 Out
017 Attack Long Long
018 Commander In
019 Storm In
020 Future In
021 Soft Anti In
022 Peril Anti In
807
8086
8087
8088
8228 A Out
8228 B Out
ExtSpeed In
MaxSpin In
Superspeed In
Superspin In
Superspin G2 In

31) GKI
001 Nano Sting Long
002 Euro Chelon In
004 ChelonZ HybridZ In
005 HybridZ GX In
Euro * In
Euro Jumbo In
Euro Spintec In
Euro V In
Euro XX In
Nana Attack Out
Nana Force In

32) GLOBE
"GLOBE" is also used as part of a brand name for "XUSHAOFA".

001 Mo Wang Long
002 Mo Wang II Long
888 Out
889 Out
889-2 Out
979 Out
999 In
999T In
Awala In
Jinxuanfeng II In
Jinxuanfeng III In
Linkin In
Magicwand In
Prize In
T Shutdown Gold
Tropy In
Trump Card In

86) GUO AO
001 718 In

34) GUOQIU
001 Gong Fu In
AB In
FB In
HB In
MG Long
MG II Long
SS Out

90) HAIFU
001 Whale In
002 Shark In
003 Penguin Out
004 Dolphin Out
005 Whale III In
006 Shark III In
007 Pirates 07 In
008 Pirates 08 In
009 Octopus Long
010 O. Orca In
011 Otariidae In

97) HALEX
(no other mark) In
XR - 3000 In

35) HALLMARK
002 Podium In
003 Friction Super Special Long
004 Pheonix Long
005 Friction Special 2 Long
006 Green Power In
Frustration Long

Update: 01/04/12

‡ GLOBE is also used as part of a brand name for "XUSHAOFA".
<table>
<thead>
<tr>
<th>Brand</th>
<th>Pimple Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Half Long</td>
<td>Out</td>
</tr>
<tr>
<td>Magic Pips</td>
<td>Out</td>
</tr>
<tr>
<td>Mirage</td>
<td>Anti</td>
</tr>
<tr>
<td>Panther</td>
<td>Out</td>
</tr>
<tr>
<td>Power Spin</td>
<td>In</td>
</tr>
</tbody>
</table>

**125) HEATT**

**001 Fair Play** | Out

**104) HUARUITE**

001 Wujilong | In

**36) IMPERIAL**

001 Factor | In
| China     | In
| Crash     | In
| Cyber Tacky | In
| Force     | In
| Rubber 11 20 one | In
| Rubber 45 20 one | In
| Super Strike | Out
| Swift      | In

**38) JAPTEC**

Balance | In
| DL - 01 Long | In
| Experience | In
| Performance | In
| Precision  | In

**40) JOOLA**

001 Express | In
| 002 Shark Long | In
| 003 Orca Long | In
| 004 Amy Anti | In
| 005 Express X-Plode | In
| 006 Express Ultra Out | In
| 007 Phénix | In
| 008 X-Plode | In
| 009 Brave | In
| 010 Turbo | In
| 011 Samba + | In
| 012 timeless Anti | In
| 013 Rhyzm | In
| 4 all | In
| 4 You | In
| air ! | In
| Anti Topspin Toni Hold Anti Badman Long | In
| Basic | In
| Compass | In
| Drum | In
| Energy | In
| Energy X-tra | In
| Fiesta | In
| GX 75 | In
| Mambo | In
| Mambo C | In
| Mambo GP | In
| Mambo H | In
| Octopus Long | In
| Peking | In
| Samba | In
| Samba NTec | In
| Smart | In
| Smash | In
| Staccato Out | In
| Tango | In
| Tango Extrem | Out
| Tango Ultra Out | In
| Teacher | In

**41) JUIC**

001 Aircondle | In
| 004 Nanospin Anti | In
| 005 Patisuma III Out | In
| 006 Nano Spin II | In
| 007 L* | In
| 008 J9* | In
| 999 | In
| 999 Elite Anti Super Spin Anti | In
| Couga In | In
| Dany III | In
| Dany V | In
| DrivaSmash | In
| DrivaSmash SV | In
| Driva Smash Ultima | In
| Leggy R Long Masterspin Out | In
| Mastersspin II Out | In
| NanoCannon | In
| Neo Anti Anti | In
| Offense Out | In
| Patisuma Out | In
| Patisuma II Out | In
| Pippe Out | In
| Scramble | In
| Scramble 21 | In
| Shenron | In
| Spark | In
| SpinSpiel | In
| Varites | In

**42) KETTLER**

Coach | In
| Master | In
| Professional | In

**43) KILLERSPIN**

001 Blast | In
| 002 Fortissimo | In
| 003 GT 2 | In
| Nitrx-4Z | In

**44) KINSON**

Perfect | In
| Super Spin | In

**45) KOKUTAKU**

“KOKUTAKU” is also used as a part of a brand name for “FRIENDSHIP”.

Big Star | In
| BLütkenkirsche 868 | In
| BLütkenkirsche 868 Tokyo | In
| Clitter Out | In
| Friendship 729 Super | In
| Spec-V | In
| Spindle | In
| Synchron | In
| Tulep 007 | In
| Tulep 007 Taiwan | In
| Tulep 110 Out | In
| Tulep 119 Out | In
| Tulep 911 Long | In

**110) KTL**

001 Black Power In | In
| 002 Red Diamond In | In

**102) KTS**

002 Galaxy | In

**46) LION**

001 Roar | In
| 002 Claw Long | In
| 003 Star | In
| 004 2 Stars | In
| 005 3 Stars | In
| 006 Super 3 | In
| 007 5 Stars | In
| 008 Aggressor | In
| 009 Allrounder | In
| 010 Elite Control | In
| 011 Rebirth Out | In
| 2 Stars | In
| 3 Stars | In
| 5 Stars | In
| Aggressor | In
| Allrounder | In
| Elite Control | In
| International | In
| Scirocco SS 800 | In
| Star | In
| Super 3 | In
| Typhoon | In
| AX 900 | In

**47) LKT**

001 Rapid Speed | In
| 002 Rapid Power | In
| 003 Rapid Sound | In
| 004 Rapid Soft | In
| 005 Black Power In | In
| 006 Red Diamond In | In
| Pro XP | In
| Pro XT | In
| Recoil | In
| Torrent E.G.S. | In

**48) METEOR**

575 Out | In
| 71-1 Long | In
| 71-2 Out | In
| 813 | In
| 835 | In
| 845 Out | In
| 8512 Long | In
| 9012 Long | In

**49) MILKY WAY**

001 Apollo | In
| 002 Sun | In
| 003 Moon | In
| 955 Long | In
| 9000 Earth | In
| 1001 Jupiter | In
| 1170 Mars | In
| 1200 Mercury | In
| Neptunel Long | In
| Pluto Out | In
| Saturn In | In
| Venus In | In

**50) MIZUNO**

001 Charge SS | In
| 002 Plaudit MF | In
| 003 Quasar | In
| 004 Quasar MF | In
| 005 Booster HP Out | Booster EV
| 006 PRO XP | In
| 007 PRO XT | In

**51) NB ENEBE**

* | In
| ** | In
| *** | In
| Pro | In

**91) NEOTEC**

001 Hinomi | In
| 002 Iken | In
| 003 Katana | In
| 004 Tokkan Long | In
| 005 Maxima | In
| 006 Enkei | In

**94) NEXY**

001 Demian | In
| 002 Kairos Out | In
| 003 Chaos Long | In

**53) NIMATSU**

001 Chimera | In
| 002 Zerubers Long | In
| Hurricane | In
| Pegasus | In
| Scorpion | In
| Spinfighter ** *** | In
| XX5 | In

**54) NITTAKU**

“NITTAKU” is also used as a part of some brand names for “DOUBLE HAPPINESS/DHS”.

001 Moristo RS | In
| 002 Renanós Bright | In
| 003 Specialist Hibiki Out | In
| 004 Narucross 44 Out | In
| 005 Annsort | In
| 006 Hammond FA Speed Out | In
| 007 Hammond Pro B | In
| 008 Renanos BS | In
| 009 Renanos Hold | In
| 011 Narucross GS | In
| 012 Learner | In
| 013 Wallest Long | In
| 015 Fastarc G-1 | In
| 016 Fastarc S-1 | In
| 017 Galze | In
| 018 Royallage Out | In
| 019 Retora | In
| 020 Flyatt | In
| 021 Pimple Slide Out | In
| 022 Revspin | In
| 023 Jewellarge Out | In
| 024 P 12 | In

Update: 01/04/12
<table>
<thead>
<tr>
<th>ITTF N°) SUPPLIER</th>
<th>Brand</th>
<th>Pimple Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>025 Fastarc C-1</td>
<td>In</td>
<td></td>
</tr>
<tr>
<td>206 Zalt</td>
<td>In</td>
<td></td>
</tr>
<tr>
<td>027 Alhelg</td>
<td>In</td>
<td></td>
</tr>
<tr>
<td>Aruefel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Best Anti</td>
<td>Anti</td>
<td></td>
</tr>
<tr>
<td>Express</td>
<td>Out</td>
<td></td>
</tr>
<tr>
<td>Graffiti</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hammond</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hammond FO</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hammond Pro α</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hammond X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hi-Super Drive</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Japan Original</td>
<td></td>
<td></td>
</tr>
<tr>
<td>J.O. Pen</td>
<td></td>
<td></td>
</tr>
<tr>
<td>J.O. Shake</td>
<td></td>
<td></td>
</tr>
<tr>
<td>J.O. Waldner</td>
<td></td>
<td></td>
</tr>
<tr>
<td>J.O. Waldner S.C.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Magic Carbon</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Micro</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Moristo 2000</td>
<td>In</td>
<td></td>
</tr>
<tr>
<td>Moristo 44</td>
<td>Out</td>
<td></td>
</tr>
<tr>
<td>Moristo DF</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Moristo FG</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Moristo LP</td>
<td>Long</td>
<td></td>
</tr>
<tr>
<td>Moristo LP One</td>
<td>Long</td>
<td></td>
</tr>
<tr>
<td>Moristo SP</td>
<td>Out</td>
<td></td>
</tr>
<tr>
<td>Narucross</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Narucross EX</td>
<td>In</td>
<td></td>
</tr>
<tr>
<td>Narucross tension</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nosias</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pimlemi</td>
<td>Out</td>
<td></td>
</tr>
<tr>
<td>Pimlemi One Out</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reloma</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Renanos</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Screw</td>
<td>Long</td>
<td></td>
</tr>
<tr>
<td>Screw One</td>
<td>Long</td>
<td></td>
</tr>
<tr>
<td>Specialist Chikar</td>
<td>Out</td>
<td></td>
</tr>
<tr>
<td>Specialist One</td>
<td>Out</td>
<td></td>
</tr>
<tr>
<td>Specialist Soft</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Specialist Soft HS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spiral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Super Large</td>
<td>Out</td>
<td></td>
</tr>
<tr>
<td>Tracer</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Universal- Ribbon</td>
<td>Out</td>
<td></td>
</tr>
<tr>
<td>Universal- Ribbon</td>
<td>Out</td>
<td></td>
</tr>
</tbody>
</table>

55) PALIO

| 001 Macro ERA | In    |             |
| 002 Conqueror| In    |             |
| 003 Flying Dragon| Out |             |
| 004 Power Dragon| Out |             |
| 005 Thor's   | In    |             |
| 006 Blit'z   |       |             |
| AK47         |       |             |
| Amigo        |       |             |
| CJ8000       |       |             |
| CK531A Long  |       |             |
| Drunken Dragon|       |             |
| Emperor Dragon|       |             |
| Hadou        |       |             |
| Hidden Dragon |       |             |
| HK1997       |       |             |
| Macro        |       |             |
| Macro Pro    |       |             |
| Maximo       |       |             |
| Wildish Dragon| Out |             |

56) PEACE

"PEACE" is also used as part of a brand name for "GAMBLER".

<table>
<thead>
<tr>
<th>ITTF N°) SUPPLIER</th>
<th>Brand</th>
<th>Pimple Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>001 Turbo</td>
<td>In</td>
<td></td>
</tr>
<tr>
<td>002 Fantasy</td>
<td>Long</td>
<td></td>
</tr>
<tr>
<td>003 27 Long</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

57) POINT BLANK

Topgun | In |

58) PRASIDHA

Apple | In |

108) SPINLORD

001 Marder | In |
| 002 Tiger | In |
| 003 Adler | In |
| 004 Zeitgeist Long | Long |
| 005 Stachelfeuer Long | Long |
| 006 Dornenglanz Long | Long |
| 007 Irbis | In |
| 008 Blitzschlag Long | Long |

66) SPORTCRAFT

** ** ** | In |

67) STAG

001 Peter Karlsson | In |
| 002 Peter Karlsson Training | In |
| 003 High Tension Explosive | In |
| 004 Championship | In |
| 005 International | In |
| 006 Power Drive Plus | In |
| 007 Official | In |
| 008 Peter Karlsson Gen-II | In |
| 009 Tec | In |
| All Round | Long |
| Ninja Attack | In |
| Ninja Fire | In |
| Power Drive | In |
| Thunder Spin | In |

121) STARWOOD

001 Speed | In |
| 002 Spin | In |
| 003 Power | In |

68) STIGA

001 Boost TP | In |
| 002 Boost TC | In |
| 003 Boost TS | In |
| 004 Boost TX | In |
| 005 JMS EVO I | In |
| 006 Magna TC II | Long |
| 007 Magna TS II | Long |
| 008 Caliba LT | In |
| 009 Caliba LT Sound | In |
| 010 Power LT | In |
| 011 S | In |
| 012 S1 | In |
| 013 S2 | In |
| 014 S3 | In |
| 015 S4 | In |
| 016 S5 | In |
| 017 Caliba LT Plus | In |
| 018 Caliba LT Spin | In |
| 019 Magna TX | In |
| Almana | In |
| Almana Sound | In |
| Almana Sound Synergy Tech | In |
| Carbo | In |
| Carbo MC | In |
| Carbo Sound | In |
| China Extreme | In |
| Chop & Drive | In |

70) SWORD

001 Break | In |
| 002 Paladin | In |
| 003 Scylla Long | In |
| 005 Maze | In |
| 006 Nano | In |
| 007 Flute | In |
| 2000-F | In |
| Hero | In |
| King | In |
| RG | In |

72) TECNOPRO

Competition | In |

73) THREE NINE

999 T-1 | In |

127) THREE SWORD

001 Gallop | In |
| 002 Prompt | In |
| 003 Leap | In |
**ITTF N°) SUPPLIER**

<table>
<thead>
<tr>
<th>ITTF N°) SUPPLIER</th>
<th>Brand</th>
<th>Pimple Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>74) TIBHAR</td>
<td>001 Sinus</td>
<td>In</td>
</tr>
<tr>
<td></td>
<td>002 Grass Flex</td>
<td>Out</td>
</tr>
<tr>
<td></td>
<td>003 Grass Ultra</td>
<td>Long</td>
</tr>
<tr>
<td></td>
<td>004 Primus</td>
<td>In</td>
</tr>
<tr>
<td></td>
<td>005 Genius</td>
<td>In</td>
</tr>
<tr>
<td></td>
<td>006 Niannmor</td>
<td>In</td>
</tr>
<tr>
<td></td>
<td>007 Aaurus</td>
<td>In</td>
</tr>
<tr>
<td></td>
<td>008 Grip - S</td>
<td>In</td>
</tr>
<tr>
<td></td>
<td>009 Genius +</td>
<td>Long</td>
</tr>
<tr>
<td></td>
<td>010 Mythik</td>
<td>Long</td>
</tr>
<tr>
<td></td>
<td>011 Karisma</td>
<td>In</td>
</tr>
<tr>
<td></td>
<td>012 Evolution FX - P</td>
<td>In</td>
</tr>
<tr>
<td></td>
<td>013 Evolution MX - P</td>
<td>In</td>
</tr>
<tr>
<td></td>
<td>014 Grip - S Europe</td>
<td>In</td>
</tr>
<tr>
<td></td>
<td>015 IQ</td>
<td>In</td>
</tr>
<tr>
<td><strong>016 5Q In</strong></td>
<td>Black Techno</td>
<td>In [B]</td>
</tr>
<tr>
<td></td>
<td>Bungee</td>
<td>In</td>
</tr>
<tr>
<td></td>
<td>Ellen</td>
<td>Anti</td>
</tr>
<tr>
<td></td>
<td>Extra Long</td>
<td>Long</td>
</tr>
<tr>
<td></td>
<td>Grass</td>
<td>Long</td>
</tr>
<tr>
<td></td>
<td>Grass D. TecS</td>
<td>Long</td>
</tr>
<tr>
<td></td>
<td>Learn Cont</td>
<td>In</td>
</tr>
<tr>
<td></td>
<td>Learn Spin</td>
<td>In</td>
</tr>
<tr>
<td></td>
<td>Legend</td>
<td>In</td>
</tr>
<tr>
<td></td>
<td>Makss</td>
<td>In</td>
</tr>
<tr>
<td></td>
<td>Nimbus</td>
<td>In</td>
</tr>
<tr>
<td></td>
<td>Norm</td>
<td>In</td>
</tr>
<tr>
<td></td>
<td>Phantom</td>
<td>In</td>
</tr>
<tr>
<td></td>
<td>Rapid</td>
<td>In</td>
</tr>
<tr>
<td></td>
<td>Rapid D. TecS</td>
<td>In</td>
</tr>
<tr>
<td></td>
<td>Rapid Soft</td>
<td>In</td>
</tr>
<tr>
<td></td>
<td>Rapid X-Press</td>
<td>In</td>
</tr>
<tr>
<td></td>
<td>Rookie D. TecS</td>
<td>In</td>
</tr>
<tr>
<td></td>
<td>Samurai</td>
<td>In</td>
</tr>
<tr>
<td></td>
<td>Serie 2000</td>
<td>In</td>
</tr>
<tr>
<td></td>
<td>Speedy S/L</td>
<td>Out</td>
</tr>
<tr>
<td></td>
<td>Speedy Soft</td>
<td>Out</td>
</tr>
<tr>
<td></td>
<td>Speedy Soft D. TecS</td>
<td>Out</td>
</tr>
<tr>
<td></td>
<td>Speedy Spin</td>
<td>In</td>
</tr>
<tr>
<td></td>
<td>Speedy Spin Premium</td>
<td>In</td>
</tr>
<tr>
<td></td>
<td>Standard</td>
<td>In</td>
</tr>
<tr>
<td></td>
<td>Storm</td>
<td>In</td>
</tr>
<tr>
<td></td>
<td>Super Defense 40</td>
<td>In</td>
</tr>
<tr>
<td></td>
<td>Torpedo</td>
<td>In</td>
</tr>
<tr>
<td></td>
<td>Vari Spin</td>
<td>In</td>
</tr>
<tr>
<td></td>
<td>Vari Spin D. TecS</td>
<td>In</td>
</tr>
<tr>
<td></td>
<td>Volcano</td>
<td>In</td>
</tr>
<tr>
<td><strong>75) TONI HOLD</strong></td>
<td>“TONI HOLD” is also used as part of a brand name for “JOOLA”. Anti Tospin New 40 Anti</td>
<td></td>
</tr>
</tbody>
</table>

**Anti Tospin New 40 Anti**

| 76) TSP           | 001 Curl P-H    | Long        |
|                   | 003 Deus        | In          |
|                   | 004 Grandy      | In          |
|                   | 005 Agrit       | In          |
|                   | 006 Agrit Speed | In          |
|                   | 007 Rise        | In          |
|                   | 008 Rise Speed  | In          |
|                   | 009 Curl P-4    | Long        |

| **85) V 3 TEC**   | 001 Spin Attack X3 | In          |
|                   | 002 Fast Control S1 | In         |
|                   | 003 Power Drive Y5 | In          |

| 123) VALOR        | 001 Premier     | Out         |
| 117) VICTAS       | 001 VO - 101    | Out         |

| **124) WILSON**   | 002 VLB - 301   | Out         |
|                   | 003 VS - 401    | In          |
|                   | 004 VS - 402    | In          |
|                   | 005 VO - 102    | Out         |

| **109) WIN**      | 001 Spear       | In          |
|                   | 002 Aegis       | In          |
|                   | 003 Axe         | In          |
|                   | 004 Bowl        | In          |

| **78) WINNING**   | 003 Hammer 3.0 | In          |
| **004 Reaction 5.0** In | **In** |

| **82) YAPING**    | 001 Pryde      | In          |
|                   | 002 Priade 30  | In          |
|                   | 003 Xtend LB   | Out         |
|                   | 004 Cadet      | Out         |
|                   | 005 Marvelous  | Out         |
|                   | 006 Pryde 40   | In          |
|                   | 007 Rakza 7    | In          |
|                   | 008 Rakza 9    | In          |
|                   | 009 Rakza 7 Soft | In          |
|                   | 010 Rakza 9 Soft | In          |
|                   | 011 Mark V HPS | In          |
|                   | 012 Mark V HPS Soft | In |
|                   | 013 Rakza PO   | Out         |

| **014 Riffe In**  | 002 World No. 1 | In          |
|                   | 007 Sigma III   | In          |
|                   | 008 Vega Europe | In          |
|                   | 009 Vega Asia   | In          |
|                   | 010 Zeta        | In          |
|                   | 011 Zeta        | In          |
|                   | 012 Vega Pro    | In          |
|                   | 013 Vega Elite  | In          |
|                   | 014 Tau         | In          |
|                   | 015 Tai         | In          |
|                   | 016 Tau         | In          |
|                   | 017 Omega IV Pro | In          |
|                   | 018 Omega IV Asja | In          |
|                   | 019 Omega IV Europe | In |
|                   | 020 Omega IV Elite | In          |
|                   | 023 Vega China VH | In          |
|                   | 024 Vega China VM | In          |
|                   | 025 Zava II     | Out         |
|                   | 026 Sigma 1    | In          |
|                   | 027 Sigma 1 Europe | In          |
|                   | 028 Vega Japan  | In          |
|                   | 029 Sigma II Pro | In          |
|                   | 030 Sigma II Europe | In          |
|                   | 031 Musa I      | In          |
|                   | 032 Musa II     | In          |
|                   | 033 Omega I     | In          |
|                   | 034 Omega II    | In          |
|                   | 035 Omega III   | In          |
|                   | True – Innovation | In          |
|                   | Yanus – DF     | In          |

| **84) YASHIMA**   | 001 999 Sharing Limbo | In          |
|                   | 002 XX3         | In          |
|                   | 003 XX-5        | In          |
|                   | 004 Competition X7 | In          |
|                   | 005 Go Sport X3000 | In          |
|                   | 006 Go Sport X5  | In          |
|                   | 007 Upper Spin  | In          |

**List published by:**

INTERNATIONAL TABLE TENNIS FEDERATION (ITTF) – Chemin de la Roche 11, 1020 Renens/Lausanne, Switzerland

Tel + 41 21 340 7090  | Fax + 41 21 340 7099  | E-mail: equipment@ittf.com  | www.ittf.com

Update: 01/04/12