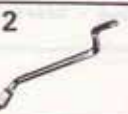

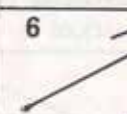
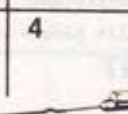











Tonar replacement types for: ACOS

| | | | | | | | |
|---|--|---|--|--|---|--|---|
| GP-19 8  | GP-29 3  | GP-33 7  | GP-37 2  | GP-59 1  | GP-65; GP-67 5  | GP-71/3 6  | GP-73/1; 73/3 4  |
| GP-79 307  | GP-81 9  | GP-91 246  | GP-91-1-2-3 SC 353  | GP-93-94 364  | GP-95-96 377  | GP-104 392  | GP-104 455  transcription |
| POWER POINT 339  | M-6 632  white | M-6 E 633 DE  red | M-6 E/X 634 ES  yellow | M-7 756  red | M-7 E 756 DE  yellow | | |

Tonar replacement types for: ACUTEX

| | | | | | | | |
|---|---|--|--|--|--|--|---|
| M-106 6201  white | M-110 E 6202 DE  dark red | 206 II 6215  white | 207 II 6216  dark grey | 310 III 6217  orange | 312 III 6218  red | 315 III 6219  blue | 320 III 6220  black |
|---|---|--|--|--|--|--|---|




















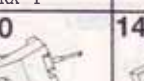




Tonar replacement types for: A.D.C.

| | | | | | | | |
|---|---|--|---|---|---|---|---|
| R-7 E 1395  copper | R-9 E 1001  blue | R-1; R-10 1; 1 Mark II 1397  copper | R-12 E 1002  no longer available | R-15 E 10 E Mark IV 1003  black | R-20; 220 422  red | R-20 X; 220 X 560  ivory | R-20 XE 220 XE 564 DE  ivory |
| R-25; 25 1225  blue dot black | R-251; 25 1224  red | R-253; 25 1226  white dot black | R-26; 26 1227  white | R-27; 27 1228  beige | R-3; R-30 3; 3 Mark II 1398  copper | R-50 XE 550 XE 1004  ivory | R-60 XE 1392  ivory yellow dot |
| R-90 XE 1106  ivory blue dot | 660 631  grey | 770 361  red | R-778 78 r.p.m. 1786  1. blue | K-series 624  dark blue | R-K 3 E 1393  blue | R-K 7 E 1394  blue | R-K 8 E 1396  blue |
| P-series 747  grey | Q-series 625  1. blue | R-LM-1; R-ML-1 1529  black | R-LMA-1; LMA-1 accutrack 1117  black | R-LMA-3; LME-3 accutrack +6 1765  black | QLM-30 MK II 1718  grey | QLM-30 MK III 1229  grey | QLM-32 MK II 1716  grey |
| R-SQ-32 QLM-32 MK III 1230  grey | R-SQ-33 QLM-33 MK III 1231  grey | R-SQ-34 QLM-34 MK III 1232  grey | R-QLM-36 QLM-36 MK II 1391  grey | R-Q-36 QLM-36 MK III 1068  grey | VLM 580  black | R-VL VLM MK II 1008  black | R-SV VLM MK III 1783  black |
| XLM 579 DE  black | R-XL XLM 1009  black | R-ZD XLM MK II 1235  black | R-ZL SUPER XLM MK II 1100  black | R-SX; XLM MK II XLM MK 3 impr. 1233  black | R-YX YX MK III 1635  black | R-X-4 XL-400 1633  black | R-XT II XT series II 1785  black |


CONTINUED

Tonar replacement types for: **A.D.C.**

CONTINUED

| | | | | | | | |
|---|---|---|---|---|--|--|---|
| R-Z 10 ZL-1000 | R-SZ; ZLM ZLM improved | R-78, 78-RPM for: K;P;Q;QLM;XLM;VLM | R-L-3; L-3 | R-L-4; L-4 | R-L-5; L-5 | R-Q-3; Q-3 | R-Q-4; Q-4 |
| 1634  black | 1234  black | 1236  red 78 r.p.m! | 1251  blue | 1400  blue | 1435  red | 1385  blue | 1401  red |
| R-S1 phase I Digital ser. 1 | R-S2 phase II Digital ser. 2 | R-S3 phase III Digital ser. 3 | R-S4 phase IV Digital ser. 4 | R-XM 1 INTEGRA XLM-1 | R-XM 2 INTEGRA XLM 2 | R-XM 3 INTEGRA XLM 3 | R-SA ASTRION |
| 1413  grey | 1414  black | 1415  black | 1416  black | 1800 | 1801 | 1802 | 1787  tr. clear |
| R-SX 5; SX-5 | R-SX 5 E SX-5 E | R-PSX-10 PSX-10 | R-PSX-20 PSX-20 | R-PSX-30 PSX-30 | R-PSX-40 PSX-40 | R-TRX-1 TRX-1 | R-TRX-2 TRX-2 |
| 6150  black | 6150 DE  blue | 1386  blue | 1417  red | 1418  white | 1419  tr. blue | 1430  gold | 1431  gold |
| R-DC 90 S DC-90 S | R-XT III XT series III | R-XT IV XT series IV | | | | | |
| 1670  grey | 1803  black | 1804  black | | | | | |









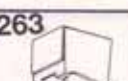





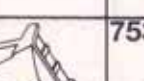








Tonar replacement types for: **ADMIRAL**

| | | | | | | | |
|--|--|--|--|--|--|--|--|
| 409 B 19-8 | | | | | | | |
| 10  | | | | | | | |


Tonar replacement types for: **AIMOR**

| | | | | | | | |
|--|--|--|--|--|--|--|--|
| 532  red | | | | | | | |
|--|--|--|--|--|--|--|--|

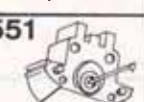

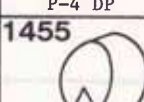
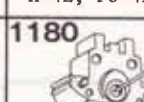
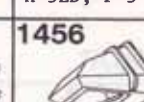
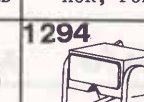
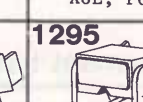
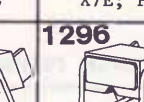


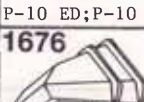
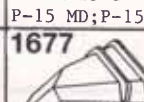
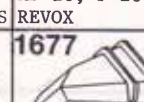
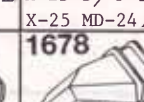
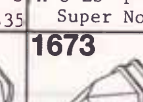
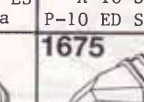
Tonar replacement types for: **AIWA**

| | | | | | | | |
|---|---|---|--|---|---|---|--|
| AN-1 A | AN-2 | STYLUS 5 | AN-5; RN-5 | AN-6 | AN-7 | AN-10 | AN-F 10 |
| 813  red | 6156  black | 1319  black | 832  red | 757  green | 831  yellow | 6148  grey | 6208  blue |
| AN-11 | AN-20 | AN-30 | M-32 | AN-35 | AN-36 | AN-87-43 | AN-87-45 |
| 6263  l. grey | 980  red | 6014  blue | 660  green | 813  red | 822  white | 691  orange | 753  black |
| AN-50 | AN-60 | AN-70 | AN-71 | AN-77 DY | AN-103 | AN-110 | AN-501 C |
| 957  black | 953  white | 935  black | 758  black | 6156  black | 6036  black | 813  red | |

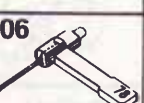

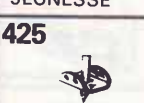

Tonar replacement types for: AKAI

| | | | | | | | |
|---|--|---|---|---|--|--|---|
| APN-2 | RS-3 J | APN-4 | APN-5 CN-2398 | Stylus 5;LMB-5 | RS-5; SMB-5 | RS-7; PC-7 | RS-10; PC-10 |
| 571  white | 889  black | 323 ES  4-channel | 677  yellow | 1319  black | 1319  black | 982  black | 6161  black |
| Stylus 12 LMB-12 | RS-33; PC-33 | RS-35; PC-35 | RS-38 | RS-41 | RS-50; PC-50 | RS-50E; PC-50E | RS-77 |
| 1318  black | 6049  black | 6049  black | 753  black | 1318  black | 6152  black | 6152 DE  black | 935  black |
| RS-82 | RS-83 | RS-84 | RS-85; PC-85 | RS-90; PC-90 | RS-95; PC-95 | RS-100; PC-100 | RS-120; PC-120 |
| 990  green | 897  brown | 926  red | 933  black | 831  yellow | 896 DE  black | 734  black | 734 DE  black |
| RS-150; PC-150 | RS-180; PC-180 | RS-200; PC-200 | RS-65 | | | | |
| 899 DE  black | 6142 DE  black | 1243  black | 808  green | | | | |

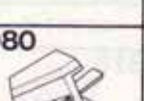
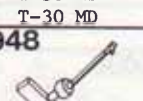

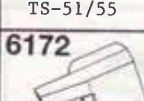
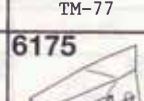
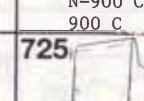
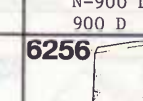
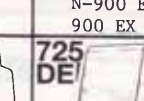
Tonar replacement types for: A.K.G.

| | | | | | | | |
|--|--|---|---|---|--|---|--|
| X2R; PU-2R | X3E; PU-3E | X-4; P-4; P-4 DP | X-4E; PU-4E | X-5ED; P-5 ED | X6R; P6R | X6E; P6E | X7E; P7E |
| 551  beige | 551  beige | 1455  black | 1180  black | 1456  black | 1294  red | 1295  black | 1296  tr.clear |
| X8E; P8E | X8S; P8ES | X-10 S P-10 ED; P-10 S | X-15 S P-15 MD; P-15 S | XD-20; P-20 MD REVOX | X-25 S / P-25 S X-25 MD-24 / .35 | X-8 ES P-8 ES Super Nova | X-10 ST P-10 ED STUDIO |
| 1297  tr.clear | 1298  tr.clear | 1676  red | 1677  blue | 1677  black | 1678  black | 1673  black | 1675  red |

Tonar replacement types for: ALLPHON

| | | | | | | | |
|---|---|---|---|--|--|--|--|
| 66 | 69 | JEUNESSE | PC-1 | | | | |
| 306  | 404  | 425  | 369  | | | | |



Tonar replacement types for: AMSTRAD

| | | | | | | | |
|--|---|--|---|---|--|---|--|
| | T-30 MS T-30 MD | | TS-51/55 | TM-77 | N-900 C 900 C | N-900 D 900 D | N-900 EX 900 EX |
| 980  red | 948  blue | 6016  blue | 6172  red | 6175  red | 725  6 mil orange | 6256  .5 mil grey | 725 DE  yellow |









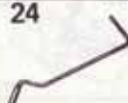



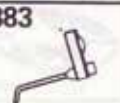
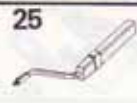




















Tonar replacement types for: ANDANTE

| | | | | | | | |
|---|--|--|--|--|--|--|--|
| P-38 | P-76 | | | | | | |
| 6270  black | 6272 DE  tr. clear | | | | | | |





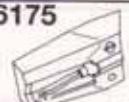
Tonar replacement types for: A + R / CAMBRIDGE

| | | | | | | | |
|--|---|--|--|--|--|--|--|
| P-77 | P-78 | | | | | | |
| 789  red | 789 ES  brown | | | | | | |

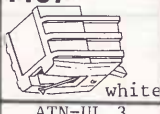


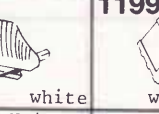
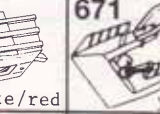





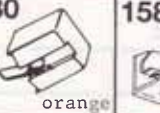


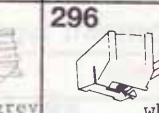





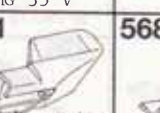










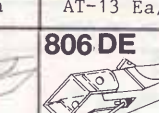

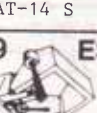
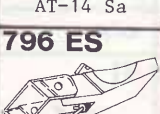
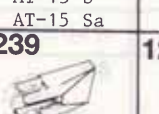
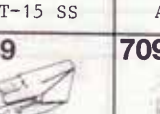
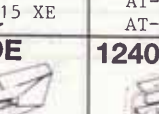
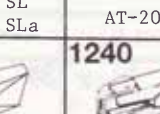
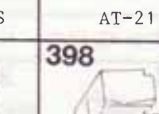
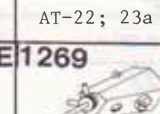
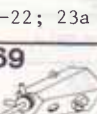
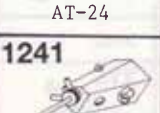
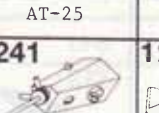
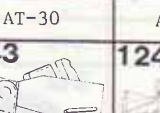
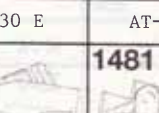
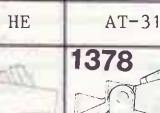
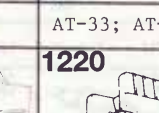
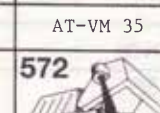
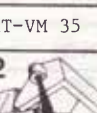

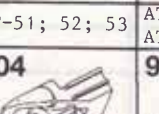
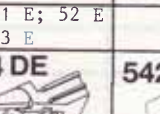
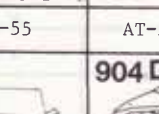
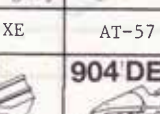
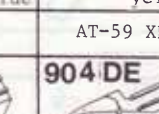
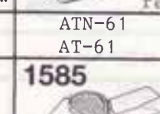
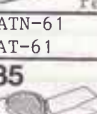
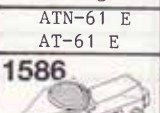
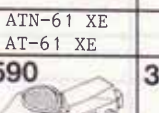
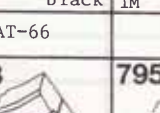
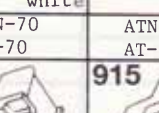
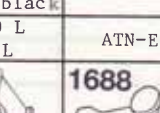
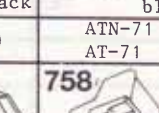
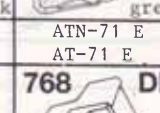
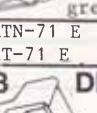
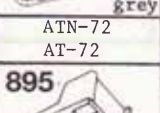
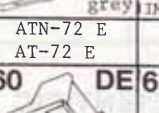
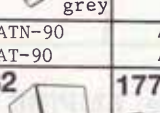
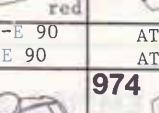
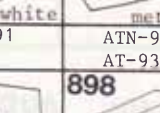
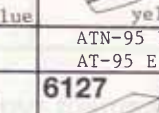
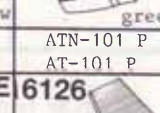
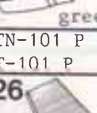
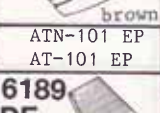
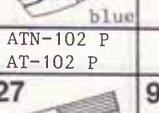

Tonar replacement types for: ASTATIC

| | | | | | | | |
|---|---|---|--|---|--|---|---|
| 13 T | 81-T | 91-T | N-7 | N-8 | N-14/215 | N-17; 207 | N-19; 223 |
| 35  green | 37  black | 105  white | 27  | 28  | 495  | 479  | 480  |
| N-29; G | N-30; 55; GCD | N-31; K | N-34; Q | N-35; R | N-36; L; T | N-37; U | N-38; 57; GC |
| 24  | 29  | 26  | 22  | 383  | 25  | 36  | 30  |
| N-39; A | N-41; N 42; 17-D | N-43; 15-D | N-45; 45-D | N-50; N-51; 133 | N-52; N-53 | N-54; N-55 | N-56 |
| 23  | 31  | 33  black for sapphire red for diamond | 34  gold | 32  | 39  | 40  | 41  |
| N-60 | N-64 | N-72 | N-74 | N-76 | N-79 | N-81 | N-83 |
| 38  | 248  | 354  | 289  | 290  | 312  | 313  | 314  |
| N-85 | N-89/205 | | | | | | |
| 355  | 470  | | | | | | |
| | | | | | | | |
| | | | | | | | |

Tonar replacement types for: AUDIO EMPIRE, See: EMPIRE SCIENTIFIC
Tonar replacement types for: AUDIO SONIC

| | | | | | | | |
|---|---|---|--|---|--|--|--|
| 456  blue | 651  MM black/white | 524  | 734  black | 6175  red | | | |
|---|---|---|--|---|--|--|--|






















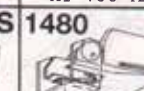

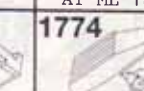





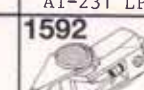

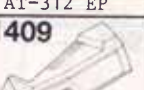
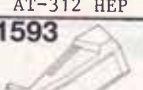

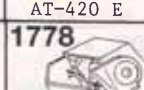
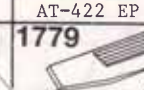
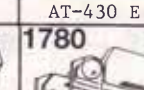
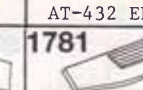




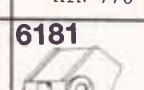

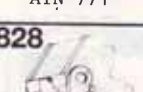
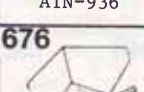
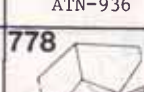
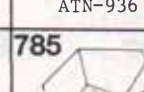
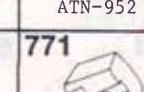
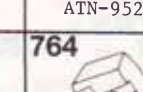
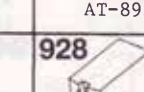
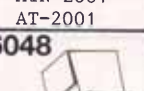
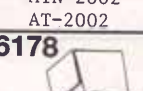
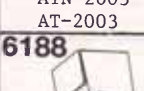
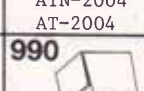
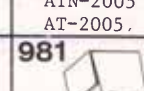
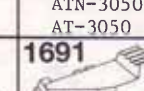
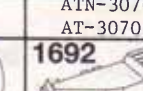
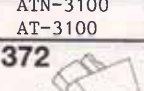
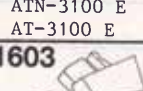
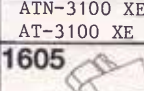
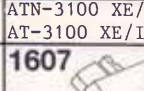
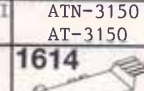
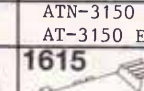
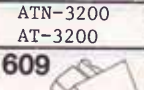
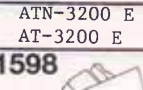
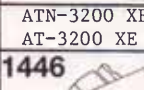
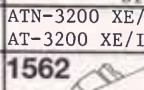
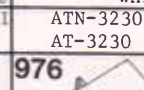
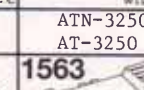
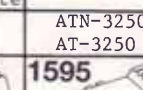
Tonar replacement types for: **AUDIO TECHNICA**

| | | | | | | | |
|---|---|---|--|---|---|--|--|
| ATP-1 1197  white ATN-UL 3 AT-UL 3 | ATX-1 1306  red/grey AT-4-7 D | ATP-2 1198  white/blue AT-4-7 D | AT-3 780  white ATP-N 4 ATP-4 | ATP-3 1199  white/red ATP-N 5 ATP-5 | AT-VM-3 671  yellow ATX-5 E | ATX-3E 1307  blue/grey AT-6 | AT-3-5 D 6270  yellow ATP-N 6 ATP-6 |
| 1576  orange ATP-N 8 EP | 6236  black MM | 6280  orange MM | 1582  red | 1583  blue | 1308  bronze/grey | 296  white | 1584  caramel |
| 1695  l.blue ATP-N 7 | AT-7 | VM-8 7D MG-35 V | AT-10 | AT-11 | AT-11 E | AT-11 S | ATX-11 |
| 1694  red AT-12 E | 729  black AT-12 S | 571  white AT-12 Sa | 568  red AT-12 XE | 677  yellow AT-13 E | 741 DE  green AT-13 Ea | 894  white AT-13 Ea/X | 847  grey AT-14 S |
| 748 DE  blue AT-14 Sa | 620 ES  ivory AT-15 S AT-15 Sa | 782 ES  white AT-15 SS | 781 DE  l.brown AT-15 XE | 783 DE  orange AT-20 SL AT-20 SLa | 794 DE  orange/red AT-20 SS | 806 DE  green AT-21 | 619 ES  red AT-22; 23a |
| 796 ES  lilac AT-24 | 1239  black AT-25 | 1239  black AT-30 | 709 DE  black AT-30 E | 1240  black AT-30 HE | 1240  black AT-31 E | 398 DE  grey AT-33; AT-35 | 1269  silver AT-VM 35 |
| 1241  silver ATN-E 50 | 1241  silver AT-51; 52; 53 | 1243  black AT-51 E; 52 E AT-53 E | 1243  silver AT-55 | 1481  grey AT-55 XE | 1378  blue AT-57 XE | 1220  yellow AT-59 XE | 572  red ATN-61 AT-61 |
| 1687  met.green ATN-61 E AT-61 E | 904  black ATN-61 XE AT-61 XE | 904 DE  black AT-66 | 542  white ATN-70 AT-70 | 904 DE  black ATN-70 L AT-70 L | 904 DE  black ATN-E 70 | 904 DE  black ATN-71 AT-71 | 1585  grey ATN-71 E AT-71 E |
| 1586  grey ATN-72 AT-72 | 1590  grey ATN-72 E AT-72 E | 398  grey ATN-90 AT-90 | 795  red ATN-E 90 AT-E 90 | 915  white ATN-91 AT-91 | 1688  met.blue ATN-93 AT-93 | 758  yellow ATN-95 E AT-95 E | 768 DE  green ATN-101 P AT-101 P |
| 895  brown ATN-101 EP AT-101 EP | 760 DE  blue ATN-102 P AT-102 P | 6182  grey ATN-102 EP AT-102 EP | 1776  met.red ATN-102 EP AT-102 EP | 974  yellow | 898  yellow | 6127 DE  green | 6126  yellow |
| 6189 DE  green | 927  grey | 986 DE  green | | | | | |

CONTINUED

Tonar replacement types for: **AUDIO TECHNICA**



















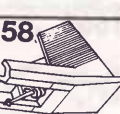





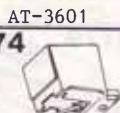

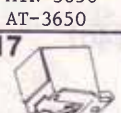
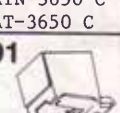
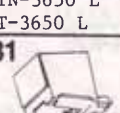
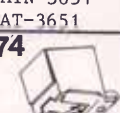
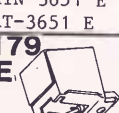
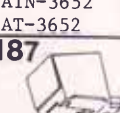
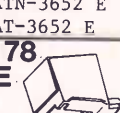


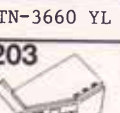

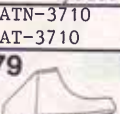
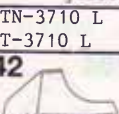
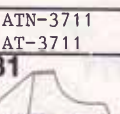
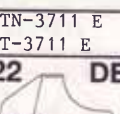
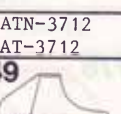
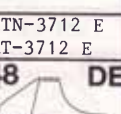
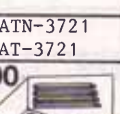
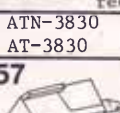
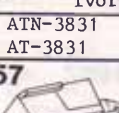
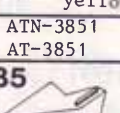
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| | | | | | | | |
|--|---|--|--|--|--|---|--|
| AT-103 soundurger | ATN-105 AT-105 | ATN-110 E AT-110 E | ATN-112 EP AT-112 EP | ATN-115 E AT-115 E | ATN-120 E AT-120 E | ATN-122 EP AT-122 EP | ATN-122 LP AT-122 LP |
| 871  red | 867  yellow | 868 DE  blue | 979/DE  blue smoke | 6120 DE  grey | 869 DE  caramel | 6109 DE  brown | 6110 ES  ivory |
| ATN-125 LC AT-125 LC | ATN-130 E AT-130 E | ATN-132 EP AT-132 EP | ATN-135 E AT-135 E | ATN-140 LC AT-140 LC | ATN-140 ML AT-140 ML | ATN-ML 140 | ATN-142 LP AT-142 LP |
| 870 ES  ivory | 871 DE  orange | 1376  red | 1594  blue | 872 ES  burgundy | 1604  purple | 1771  met. dk. blue | 1596  blue |
| ATN-150 E AT-150 E | ATN-ML 150 | ATN-152 LP AT-152 LP | ATN-152 MLP AT-152 MLP | ATN-155 LC AT-155 LC | ATN-160 ML AT-160 ML | ATN-ML 170 AT-ML 170 | ATN-ML 180 AT-ML 180 |
| 1608  black | 1772  met. dk. grey | 1377  black | 1624  brown | 873 ES  black | 1480  dk. brown | 1773  beige | 1774  gold |
| ATN-201 P AT-201 P | ATN-201 EP AT-201 EP | ATN-211 EP AT-211 EP | ATN-216 EP AT-216 EP | ATN-221 EP AT-221 EP | ATN-231 LP AT-231 LP | ATN-261 AT-261 | |
| 1587  grey black | 1588  grey ivory | 1589  grey orange | 1590  grey caramel | 1591  grey yellow | 1592  grey blue | 1693  red/red | |
| ATN-312 EP AT-312 EP | ATN-312 HEP AT-312 HEP | ATN-312 PBK AT-312 PBK | ATN-420 E AT-420 E | ATN-422 EP AT-422 EP | ATN-430 E AT-430 E | ATN-432 EP AT-432 EP | |
| 1409  grey orange | 1593  grey red | 1407  black green | 1778  caramel | 1779  caramel | 1780  orange | 1781  orange | |
| | | | | | | | |
| | | | | | | | |
| ATN-750 | ATN-750 | ATN-750 | ATN-750 | ATN-770 | | | |
| 864  grey | 903  blue | 865  orange | 866  black | 6181  red | | | |
| ATN-770 L | ATN-771 | ATN-936 | ATN-936 | ATN-936 | ATN-952 | ATN-952 | AT-892 |
| 850  grey | 828  yellow | 676 MM  white | 778 MM  orange | 785 MM  black | 771 MM  black | 764 MM  orange | 928  black |
| ATN-2001 AT-2001 | ATN-2002 AT-2002 | ATN-2003 AT-2003 | ATN-2004 AT-2004 | ATN-2005 AT-2005 | ATN-3050 AT-3050 | ATN-3070 AT-3070 | |
| 6048  violet | 6178  blue | 6188  blue | 990  green | 981  ivory white | 1691  yellow | 1692  red | |
| ATN-3100 AT-3100 | ATN-3100 E AT-3100 E | ATN-3100 XE AT-3100 XE | ATN-3100 XE/II AT-3100 XE/II | ATN-3150 AT-3150 | ATN-3150 E AT-3150 E | | |
| 1372  black | 1603  black | 1605  black | 1607  blue | 1614  white | 1615  white | | |
| ATN-3200 AT-3200 | ATN-3200 E AT-3200 E | ATN-3200 XE AT-3200 XE | ATN-3200 XE/II AT-3200 XE/II | ATN-3230 AT-3230 | ATN-3250 AT-3250 | ATN-3250 E AT-3250 E | |
| 1609  black | 1598  black | 1446  black | 1562  grey | 976  black | 1563  ivory | 1595  ivory | |

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Tonar replacement types for: **AUDIO TECHNICA**

CONTINUED









| | | | | | | | |
|--|--|---|---|---|---|---|--|
| ATN-3400 AT-3400 | ATN-3400 C AT-3400 C | ATN-3401 AT-3401 | ATN-3410 AT-3410 | ATN-3450 AT-3450 | ATN-3450 C AT-3450 C | ATN-3450 L AT-3450 L | ATN-3451 AT-3451 |
| 832  red | 6186  dk. grey | 851  grey | 898  yellow | 832  red | 6186  dk. grey | 851  grey | 898  yellow |
| ATN-3451 E AT-3451 E | ATN-3452 E AT-3452 E | | | | | | |
| 6127 DE  green | 6008 DE  blue | 925  tr. violet | | | | | |
| ATN-3472 P AT-3472 P | ATN-3472 EP AT-3472 EP | ATN-3482 P AT-3482 P | ATN-3492 P AT-3492 P | ATN-3492 EP AT-3492 EP | | | |
| 6111  ivory | 6111 DE  ivory | 6126  yellow | 6180  orange | 6180 DE  orange | 6189  l. green | 6159  dk. green | 6158  dk. blue |
| | | | | | | | |
| 6154  red | 6063  l. blue | | | | | | |
| ATN-3600 AT-3600 | ATN-3600 C AT-3600 C | ATN-3600 L AT-3600 L | ATN-3601 AT-3601 | ATN-3626 AT-3626 | ATN-3650 AT-3650 | ATN-3650 C AT-3650 C | ATN-3650 L AT-3650 L |
| 917  red | 991  dk. grey | 981  ivory | 974  yellow | 981  ivory | 917  red | 991  dk. grey | 981  ivory |
| ATN-3651 AT-3651 | ATN-3651 E AT-3651 E | ATN-3652 AT-3652 | ATN-3652 E AT-3652 E | | | | |
| 974  yellow | 6179 DE  green | 6187  brown | 6178 DE  blue | 6193  turquoise | 6048  dk. violet | | |
| ATN-3660 YL | ATN-3663 | | | | | | |
| 6203  yellow | 6315  yellow | | | | | | |
| ATN-3710 AT-3710 | ATN-3710 L AT-3710 L | ATN-3711 AT-3711 | ATN-3711 E AT-3711 E | ATN-3712 AT-3712 | ATN-3712 E AT-3712 E | ATN-3721 AT-3721 | |
| 879  red | 942  ivory | 831  yellow | 922 DE  green | 849  brown | 848 DE  blue | 900  yellow | |
| ATN-3830 AT-3830 | ATN-3831 AT-3831 | ATN-3851 AT-3851 | | | | | |
| 957  black | 957  black | 935  black | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Tonar replacement types for: **AUREX, See: TOSHIBA**









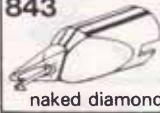












Tonar replacement types for: **AVNET**

| | | | | | | | |
|--|--|--|--|--|--|--|--|
| ATN-3626 | | | | | | | |
| 981  1. grey | | | | | | | |

Tonar replacement types for: **AZDEN**

| | | | | | | | |
|--|--|--|---|--|---|---|--|
| GM-1 E | YM-10 C | YM-10 E | YM-10 VE | YM-P-20 E | YM-P-50 C | YMP-50 E | YMP-50 VL |
| 1795  gold | 6292  violet | 6293 DE  black | 6294 DE  purple | 1796  blue | 6295  clear | 6318 DE  tr. blue | 6319 ES  tr. red |



Tonar replacement types for: **BANG & OLUFSEN**

| | | | | | | | |
|--|--|--|--|--|---|---|---|
| B & O | PROFESSIONAL | 350 R; 72 | SP-I; SP-II | SP-6/7 | SP-6/7 | SP-8/9 | SP-8/9 |
| 42  | 43  | 44  | 45  red | 315  stylus only black | 340  complete nickel | 315 DE  stylus only black | 340 DE  complete gold |
| SP-10 | SP-12 | SP-14 | MMC-1 | MMC-2 | MMC-3 | MMC-4 | MMC-5 |
| 843  naked diamond MMC-10 E (MMC-20 S) | 844 DE  naked elliptical MMC-20 S (MMC-3000) | 845  black MMC-20 E (MMC-4000) | 2394  black MMC-20 EN (MMC-5000) | 2395  black MMC-20 CL (MMC-6000) | 2363  black | 2396  black | 2362  black |
| 2185  nickle | 2185  nickle | 2186  nickle | 2187  nickle | 2188  nickle | | | |








Tonar replacement types for: **BARCO**

| | | | | | | | |
|--|--|--|--|--|--|--|--|
| 753  black | | | | | | | |
|--|--|--|--|--|--|--|--|

Tonar replacement types for: **BELLEX**









| | | | | | | | |
|---|---|--|--|--|--|--|--|
| BX-50 | BX-50 E | | | | | | |
| 827  blue | 827 DE  red | | | | | | |

Tonar replacement types for: **BLAUPUNKT**

| | | | | | | | |
|--|---|---|---|--|---|--|--|
| EM-240 | P-60 | 305 M | ATN-3100 | CN-5431 | | GP-330 | |
| 757  tr. green | 651  MM black/white | 382  blue | 1372  black | 832  red | 974  yellow | 994  black | |

Tonar replacement types for: **BOHLAND AND FUCHS, See: SUPRAPHON**







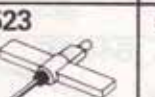


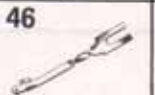




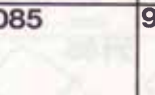

Tonar replacement types for: **BRANDT**

| | | | | | | | |
|---|--|---|--|--|---|--|--|
| | | | | FF-15 O MK II | QLM-30 MK III | L-3 | L-4 |
| 904 DE  black | 935  black | 758  yellow | 917  red | 802  red | 1229  grey | 1251  blue | 1400  blue |



Tonar replacement types for: **BRAUN**

| | | | | | | | |
|---|---|---|--|--|--|--|--|
| MAG 1 E | MC-1 E MC-2 E | MAG 2 E | | | | | |
| 776 DE  black | 1243  black | 1445  black | | | | | |

Tonar replacement types for: **B.S.R.**

















| | | | | | | | |
|--|--|---|---|---|---|--|---|
| ST-3; ST-4 | ST-5; ST-6; ST-7 | ST-8; ST-9 | ST-10 | ST-12/14/15 | ST-16/17 | ST-19; ST-22 | ST-20/21 |
| 50  | 51  | 286  | 285  | 424  | 442  | 523  | 556  |
| TC 4 | TC 8 | TC 8 STEREO | TC 12 | ST-23 | | S-1; SN-1 | ATN-3600 L |
| 48  | 46  | 47  | 49  | 642  | 725  red | 6085  grey | 981  grey |

Tonar replacement types for: **BYNATONE**


| | | | | | | | |
|---|---|--|--|--|--|--|--|
| 948  | 934  | | | | | | |
|---|---|--|--|--|--|--|--|

Tonar replacement types for: **CAMBRIDGE, See: A + R / CAMBRIDGE**



Tonar replacement types for: **C.E.C.**

| | | | | | | | |
|--|---|--|---|--|--|--|---|
| RS-3 | MC-5 | MC-6 S | MC-7 | MC-8 | MC-10 | MC-11 | MC-16 |
| 965  tr. green | 576  grey | 920  white | 577  black | 320  red | 818  black | 665  red | 753  black |
| MC-17 | MC-20 | MC-45 | ST-630 | ATN-750 | | MC-20 ES | N-103 |
| 909  black | 637  red | 952  red | 6025  clear | 866  black | 6051  white | 6146 DE  black | 6049  black |



Tonar replacement types for: **CLEAN**

| | | | | | | | |
|---|--|--|--|--|--|--|--|
| CM-500 | | | | | | | |
| 444  white | | | | | | | |



Tonar replacement types for: **CLIFTON**

| | | | | | | | |
|--|---|--|--|--|--|--|--|
| clifton | CLIFTON | | | | | | |
| 1108  black | 565  lilac | | | | | | |




Tonar replacement types for: **COBRA**

| | | | | | | | |
|--|--|--|--|--|--|--|--|
| 250 | 520 | | | | | | |
| 920  white | 920  white | | | | | | |

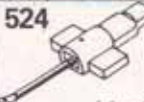



Tonar replacement types for: **COLLARO**

| | | | | | | | |
|---|---|--|--|--|--|--|--|
| PX | STUDIO | | | | | | |
| 52  | 53  | | | | | | |


Tonar replacement types for: **COMPASS**

| | | | | | | | |
|---|--|--|--|--|--|--|--|
| ATX-1 | ATX-3 E | ATX-5 E | | | | | |
| 1306  red/grey | 1307  blue/grey | 1308  bronze/grey | | | | | |



Tonar replacement types for: **CONER**

| | | | | | | | |
|---|--|---|--|--|--|--|--|
| RCS STEREO | RCQ MONO | TESTINA RC-1 | R-608 RCS | | | | |
| 524  black | 366  | 6070  copper | 6191  red | | | | |




Tonar replacement types for: **CONNOISSEUR**

| | | | | | | | |
|---|--|--|--|--|--|--|--|
| SCU-1 | | | | | | | |
| 358  | | | | | | | |




Tonar replacement types for: **CONVER**

| | | | | | | | |
|---|---|--|--|--|--|--|--|
| B-60-100 | STEREO | | | | | | |
| 394  | 252  | | | | | | |







Tonar replacement types for: **CORAL**

| | | | | | | | |
|---|---|---|--|--|--|--|--|
| V-7000; V-30 D | 555-5 | 666 EX | | | | | |
| 399  white | 334  black | 6005 DE  white | | | | | |




Tonar replacement types for: **COSMO**

| | | | | | | | |
|---|---|--|--|--|--|--|--|
| COSMO | COSMOS G 62-30 M 23 | G 62-30 M 23 | | | | | |
| 252  | 394  | 563  short tube | | | | | |


Tonar replacement types for: **CONTINENTAL EDISON**

| | | | | | | | |
|--|---|---|---|---|--|--|--|
| 758  yellow | 832  red | 781DE  brown | 885  clear | 935  black | 524  | | |
| | | | | | | | |

Tonar replacement types for: CROWN

| | | | | | | | |
|--|--|---|--|--|--|--|--|
| DT-36 | | | | | | | |
| 813  red | 801  black | 6175  red | | | | | |






Tonar replacement types for: CYBERNET

| | | | | | | | |
|---|--|--|--|--|--|--|--|
| 573  yellow | 822  white | 832  red | | | | | |
|---|--|--|--|--|--|--|--|




Tonar replacement types for: DAEWOO

| | | | | | | | |
|---|---|--|--|--|--|--|--|
| 974  yellow | 6175  all plastic | 6240  dark blue | | | | | |
|---|---|--|--|--|--|--|--|

Tonar replacement types for: DARLING

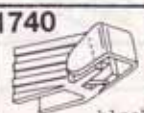
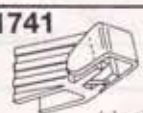
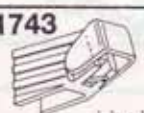
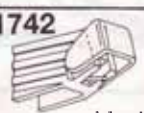



| | | | | | | | |
|--|--|---|---|--|--|--|--|
| M-22 | ATN-3660 YL | | DL-32 E | ATN-3663 | | | |
| 6242  yellow | 6203  yellow | 6175  red | 974  yellow | 6315  yellow | | | |

Tonar replacement types for: DECCA


| | | | | | | | |
|--|--|-------------------------------------|--|--|--|--|--|
| H | XMS | FF SS | DERAM | | | | |
| 56  | 55  | 1326* NO LONGER AVAILABLE | 6006  blue | | | | |

* = Naaldreplacering voor deze elementen zijn alleen leverbaar na inlevering van het oude element.
Replacement needles for these cartridges are only available when the old cartridge is returned to us.












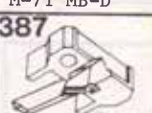
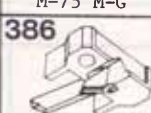
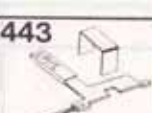
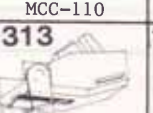






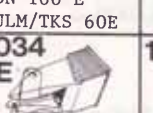
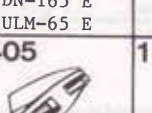
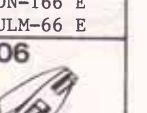



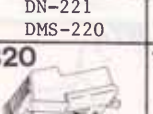
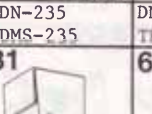
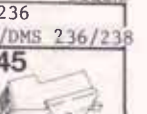
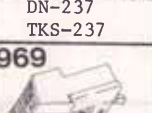
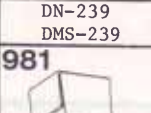
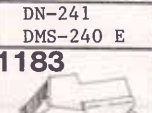
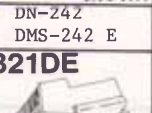
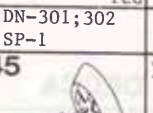
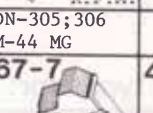
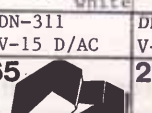

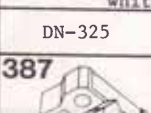
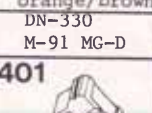
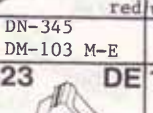
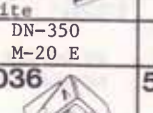
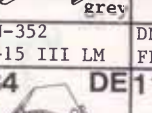
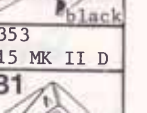
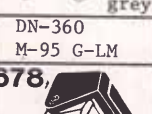
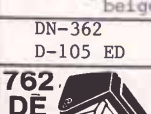
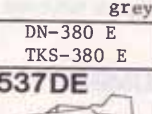
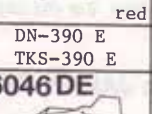
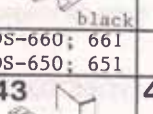
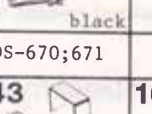
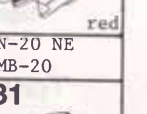
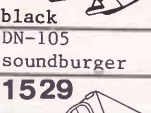
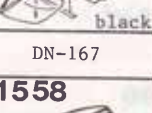
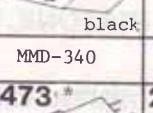
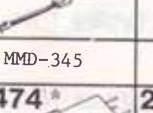
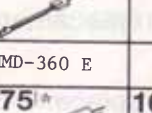
Tonar replacement types for: DENON, See: JAPAN COLUMBIA
Tonar replacement types for: DIATONE, See: MITSUBISHI
Tonar replacement types for: DIGITRACK (BY: ORTOFON)

| | | | | | | | |
|---|---|---|---|---|--|---|--|
| 25 S | 25 SP | 50 E | 50 EP | DIG 280 E | DIG 380 NE | DIG 450 SE | |
| 1740  black | 1741  black | 1743  black | 1742  black | 1649  black | 1650  black | 1651  black | |

Tonar replacement types for: **DREHER + KAUF**

| | | | | | | | |
|---|--|--|--|--|--|--|--|
| 101 | | | | | | | |
| 1093  black | | | | | | | |






Tonar replacement types for: **DUAL**

| CDS-1 | DN-1 | CDS-2/3 | DN-3 | DN-4 | DN-5;55;56 CDS-630 | DN-6;62;63;64 | DN-8 |
|---|--|---|--|--|--|--|--|
| 57  DN-22 | 59  DN-23; 43 | 58  blue DN-24 | 60  brown DN-26; 45 | 61  green DN-32 | 253  silver DN-34 | 443  black DN-65 | 443  black DN-70 CDS-700 |
| 236  red M-75 type D M-71 MB-D | 66  gold M-73 M-G M-75 M-G | 62  silver DN-85 | 63  red DN-90; 95 DN-96 | 64  red DN-110 MCC-110 | 65  silver DN-120 MCC-120 | 443  black DN-140 S ULM-40 S | 504  black DN-145 S ULM-45 S |
| 387  beige DN-145 E ULM/TKS 45E | 386  grey DN-149 S TKS-49 S | 443  black DN-150 E ULM/TKS 50E | 67  red DN-152 E TKS-52 E | 1313  black DN-155 E ULM/TKS 55E | 1374  grey DN-160 E ULM/TKS 60E | 911  black DN-165 E ULM-65 E | 970  black DN-166 E ULM-66 E |
| 970 DE  black DN-201 DMS-200 | 6030  black DN-202 DMS-200 | 1286  black DN-211 DMS-210 | 6030 DE  black DN-212 DMS-210 | 6033 DE  black DN-221 DMS-220 | 6034 DE  black DN-222 DMS-220 | 1405  black DN-235 DMS-235 | 1406  black DN-236 TKS/DMS 236/238 |
| 1012  red DN-237 TKS-237 | 1285  black 78 R.P.M. DN-239 DMS-239 | 732  black DN-241 DMS-240 E | 1411  black 78 R.P.M. DN-242 DMS-242 E | 820  red DN-301; 302 SP-1 | 1328  black 78 R.P.M. DN-305; 306 M-44 MG | 981  white DN-311 V-15 D/AC | 6045  black DN-314; DN-315 V-15 PD/1 |
| 969  black DN-320 | 981  white DN-325 | 1183  orange/brown DN-330 M-91 MG-D | 821DE  green DN-340 DM-101 M-G | 45  red DN-345 DM-103 M-E | 267-7  red/white DN-350 M-20 E | 465  grey DN-352 V-15 III LM | 275  black DN-353 FF-15 MK II D |
| 386  grey DN-360 M-95 G-LM | 387  beige DN-362 D-105 ED | 401  grey DN-380 E TKS-380 E | 615  red DN-390 E TKS-390 E | 623 DE  yellow DN-450 MMP-450 | 1036  black CDS-660; 661 CDS-650; 651 | 584 DE  black CDS-670; 671 | 1181  red DN-20 NE OMB-20 |
| 678  grey N-20 EO F-20 EO | 762 DE  black DN-105 soundburger | 537DE  black DN-167 | 6046DE  black DN-411 | 6049  black MMD-340 | 443  black MMD-345 | 443  black MMD-360 E | 1631  black DN-245 DMS-245 |
| 1546  black DN-249 E | 1529  black | 1558  black | 1549  black | 2473*  black | 2474*  black | 2475*  black | 1630  black |
| 1736  black | | | | | | | |






Tonar replacement types for: **EAGLE**

| | | | | | | | |
|---|--|--|--|--|--|--|--|
| P 750 E | | | | | | | |
| 734 DE  black | | | | | | | |









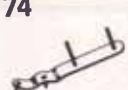






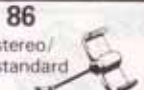
























Tonar replacement types for: **EDEN**

| | | | | | | | |
|--|--|--|--|--|--|--|--|
| CLARVILLE | OLD MODEL | STEREO | 59 | 62 | | | |
| 72  | 68  | 70  | 69  | 71  | | | |


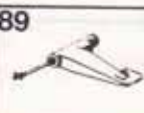




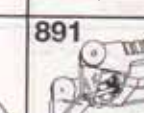

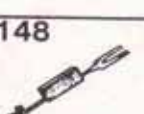

Tonar replacement types for: **E.E.I.**

| | | | | | | | |
|--|---|--|---|---|--|--|--|
| EEI-300 H | EEI-400 | EEI-500 | EEI-700 | EEI-800 | | | |
| 6056  naked diamond green | 6056 DE  green | 6056 ES  yellow | 6057 ES  black naked diamond | 6162 ES  tr. red | | | |



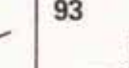
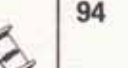






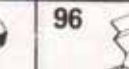
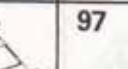
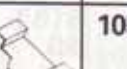



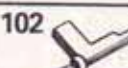
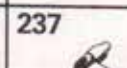

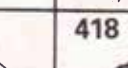
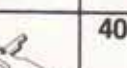


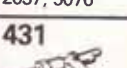
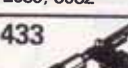
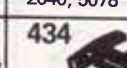

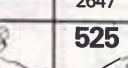
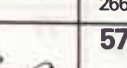
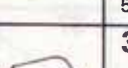
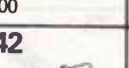
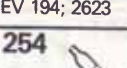
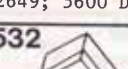
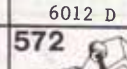
Tonar replacement types for: **ELAC**

| | | | | | | | |
|--|--|---|---|---|--|--|---|
| DM-240 | DM-410 | KST-2 | MST-2 | SM-101 | SM-103 | SM-107; SM-110 | SN-11 |
| 341  | 561  | 75  | 87  | 77  stereo | 79  stereo | 82  | 569  single tip |
| SN-12 | SNM-9; SMM-9 | SNM-14 | SNM-100 | SNM-102 | SNM-104 | SNM-106; 112; 406; KST-112 | SNM-402 |
| 74  | 73  | 81  | 76  stereo/standard | 78  stereo/standard | 80  stereo/standard | 84  | 86  stereo/standard |
| STS-210 | STS 244-C D 244-C | STS 244-17 D 244-17 | STS-322 STS-310 | STS 344 D 344 | STS 444 D 444 | STS 144-17 D 144-17 | STS 155-17 D 155-17 |
| 83  | 427  grey | 428  grey red dot | 85  | 429  white | 430  black | 745  green | 750  black |
| STS 255-17 D 255-17 | STS 355-17 D 355-17 | STS 455-12 D 455-12 | STS 455-E D 455-E | STS 555-12 D 555-12 | STS 555-E D 555-E | STS 655 D-4 D 655 D-4 | ESG-792 E DN-792 E |
| 751  green/black | 752  red/black | 1017  gold/black | 1018  gold/black | 1102  gold/green | 1103  gold/green | 1097  gold/red | 6041 DE  black |
| ESG-793 (E) DN-793 E | ESG-794 (E) DN-794 E | ESG-795 (E) DN-795 E | KST-115 | DN-796 H v.d. Hul MK II | D-155 S | DN-791 | D-355 S |
| 1381  black | 1382  black | 1383  black | 82  | 1709  blue gold | 1702  black white | 1701  silver black | 1704  black white |


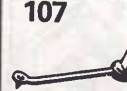
Tonar replacement types for: **ELECTRONIC REPRODUCERS**

| | | | | | | | |
|--|--|--|---|---|--|---|--|
| ERC-2 SB 437  450 M | ERC-2 SX 437  ERC-750 | ER-5 MX 89  ERC-800 | ER-5 MX 1 211  single tip ERC-900 | ER-5 SB 90  ERC compat C | ERC-5 MB 437  | ER-60 88  | ER-312 X 891  black |
| 725  red | 148  | 148  | 6205  | 437  | | | |




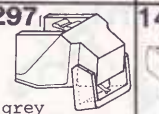


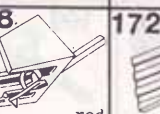




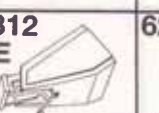









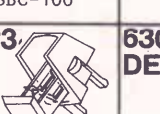
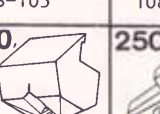
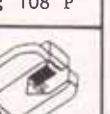

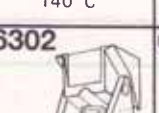
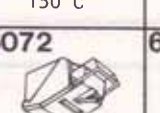


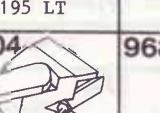
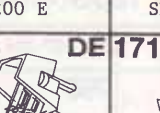
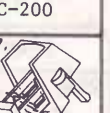

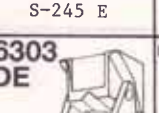
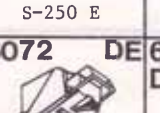
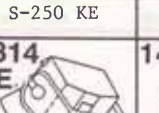

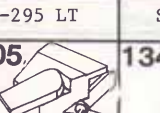



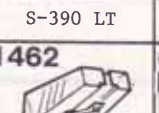
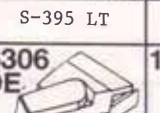
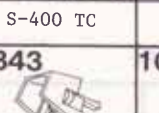
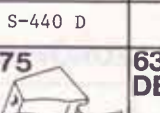
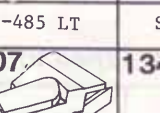
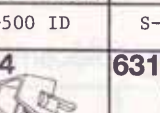
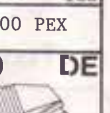
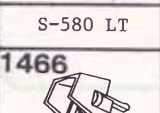
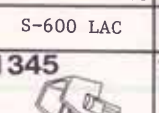
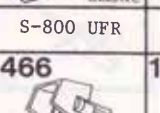
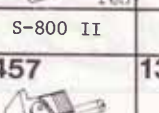
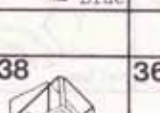
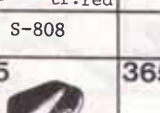
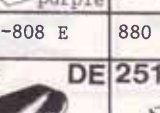
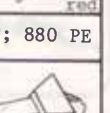
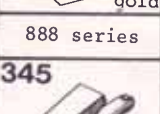
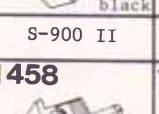
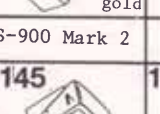
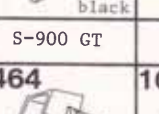
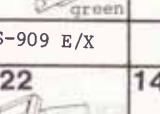
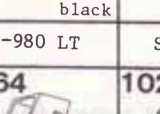
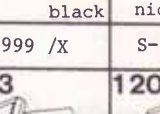
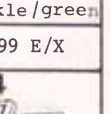
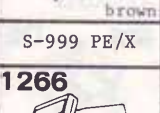
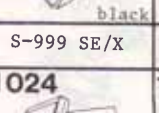
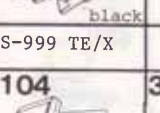
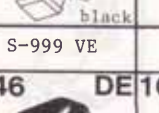
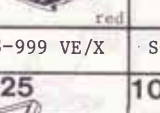
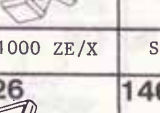
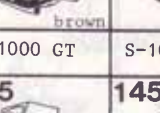
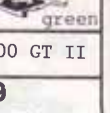

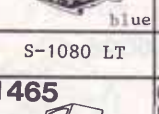
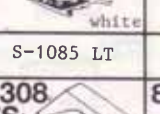
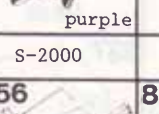
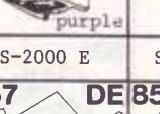
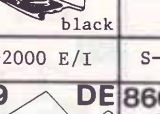
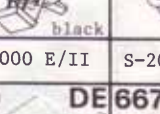

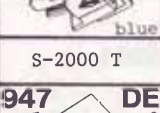
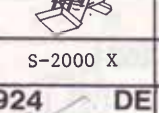
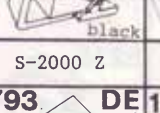

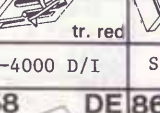
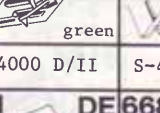

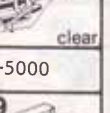
Tonar replacement types for: **ELECTRO VOICE**

| | | | | | | | |
|--|--|---|---|---|---|--|---|
| 10; 14; 34; 4130 91  | 16; 16 TT 92  | 21 93  | 26 94  | 31; 2606 95  | 37; 72; 2614 98 Plastic  | 37; 38; 47; 72 2626 343  | 47; 2614; 2615 287  |
| 51 103  red | 56 104  blue | 57; 2610 96  | 58; 2611 97  | 76 105  white | 117; 131; 148 2616 99  | 122 to 125 100  | 32; 141; 149; 2617 101  Metal |
| 147; 2621 102  | 169; 2622 237  | 2630; 5015 407  | 2632; 5018 418  | 2634; 5051 408  | 2636; 5080 459  | 2637; 5076 431  | 2638; 5081 432  |
| 2639; 5082 433  | 2640; 5078 434  | 2641; 5083 460  | 2647 525  | 2660 571  | 5000 342  | EV 194; 2623 254  | EV 198/199; 2624 255  |
| 2649; 5600 D 532  red | 2671 D 6012 D 572  red | | | | | | |









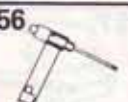

Tonar replacement types for: **E.M.I.**

| | | | | | | | |
|--|---|--|--|--|--|--|--|
| MULTIPLAY 106  | RS 3 107  | | | | | | |
|--|---|--|--|--|--|--|--|






Tonar replacement types for: **EMPIRE SCIENTIFIC (AUDIO EMPIRE)**

| SBC-1 | SC-1 | SE-1 | S-3 D | EDR-7 | EDR-9 | EXL-10 | 10 PK |
|---|---|---|---|--|---|---|--|
| 1346  yellow | 6072  black | 6072 DE  black | 6297  l. grey | 1460  black | 1219  black | 1208  red | 1721  black |
| 10 PE | 15-C | MC +20 | 25 E | S-40 | S-45 E | 66/X | 66 E/X |
| 1722  black | 6311  | 1463  gold | 6312 DE  | 6298  blue | 6299 DE  yellow | 626  red | 627 DE  black |
| 66 QE/X | 80 EE | 88 | 90 EE/X | 100 S | SBC-100 | S-105 | 108; 108 P |
| 1072  purple | 365  black | 249  black | 1021  orange | 968  tr. yellow | 1723  black | 6300 DE  IM black | 250  white |
| S-111 | 140 C | 150 C | 150 KC | 190 LT | 195 LT | 200 E | SBC-200 |
| 6221  tr. clear | 6302  blue | 6072  black | 6313  | 1461  clear | 6304  tr. yellow | 968 DE  tr. blue | 1717  clear |
| S-205 | S-245 E | S-250 E | S-250 KE | S-290 LT | S-295 LT | S-300 ME | S-300 ELT |
| 6301  IM white | 6303 DE  yellow | 6072 DE  black | 6314 DE  | 1462  blue | 6305 DE  tr. blue | 1342  tr. brown | 6309 DE  red |
| S-333 | S-390 LT | S-395 LT | S-400 TC | S-440 D | S-485 LT | S-500 ID | S-500 PEX |
| 6222  tr. blue | 1462  blue | 6306 DE  smoke | 1343  tr. red | 1075  blue | 6307 DE  tr. red | 1344  tr. purple | 6310 DE  red |
| S-580 LT | S-600 LAC | S-800 UFR | S-800 II | | S-808 | S-808 E | 880 P; 880 PE |
| 1466  gold | 1345  black | 1466  gold | 1457  black | 1338  green | 365  black | 365 DE  black | 251  nickle/green |
| 888 series | S-900 II | S-900 Mark 2 | S-900 GT | S-909 E/X | S-980 LT | S-999 /X | S-999 E/X |
| 345  brown | 1458  black | 1145  black | 1464  black | 1022  red | 1464  | 1023  brown | 1204  green |
| S-999 PE/X | S-999 SE/X | S-999 TE/X | S-999 VE | S-999 VE/X | S-1000 ZE/X | S-1000 GT | S-1000 GT II |
| 1266  yellow | 1024  blue | 1104  white | 346 DE  purple | 1025  purple | 1026  black | 1465  black | 1459  black |
| S-1000 Mark 2 | S-1080 LT | S-1085 LT | S-2000 | S-2000 E | S-2000 E/I | S-2000 E/II | S-2000 E/III |
| 1309  blue | 1465  | 6308 ES  black | 856  smoke | 857 DE  tr. red | 859 DE  green | 860 DE  blue | 667 DE  clear |
| S-2000 T | S-2000 X | S-2000 Z | S-3000 | S-4000 D/I | S-4000 D/II | S-4000 D/III | S-5000 |
| 947 DE  silver | 924 DE  met. red | 793 DE  gold | 1460  black | 858 DE  black | 861 DE  yellow | 668 DE  white | 1219  black |







Tonar replacement types for: **EUPHONICS**

| | | | | | | | |
|--|---|--|--|--|--|--|---|
| E-1 108  | U-1; J-13 HC 109  | U-8/9 110  | U-8 RB/U-9 RB 409  | U-10/11 111  | U-10 RB U-11 RB 410  | U-12/13 112  | U-15-2 411  |
| U-15/16 256  | U-17/19 288  | | | | | | |















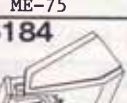
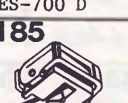

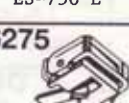
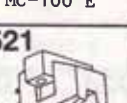

Tonar replacement types for: **EUROFUNK**

| | | | | | | | |
|---|--|---|---|---|--|--|--|
| EF-85 756  red | EF-404 756  red | EF-505 792  yellow | EF-606 792 DE  tr. red | EF-707 792 ES  tr. clear | | | |
|---|--|---|---|---|--|--|--|

Tonar replacement types for: **EUROPHON**

| | | | | | | | |
|---|--|--|---|--|--|--|--|
| 148  | 374  black | 524  black | 974  yellow | 734  black | 6191  red | | |
|---|--|--|---|--|--|--|--|







Tonar replacement types for: **EXCEL**

| | | | | | | | |
|---|--|---|---|--|--|---|---|
| ES-70 E 528 DE  red | ES-70 EX 529 DE  transp. grey | ES-70 EX-4 530 ES  red 4-channel | ES-70 F 527  yellow | ES-70 S 526  blue | ES-70 H 680  red | QD-700 CR 608  blue | QD-700 ER 609 DE  orange |
| QD-700 XR 610 ES  4-channel yellow | QD-700 FR 670  green | ME-35 632  white | ME-45 809  blue | ME-55 837  red | ME-65 921  clear IM | ESP-300 C 6026  tr. grey | ESP-300 E 6025 DE  tr. clear |
| ESP-300 X 6025 ES  tr. purple | S-75 CR ME-75 6184  | S-700 DK ES-700 D 6185  | S-65 XR ME-65 X 6231 ES  tr. purple | S-75 QL 6232 ES  yellow | S-75 QL ES-750 L 6275  yellow | MC-100 E 2521  black | 6261  orange |





Tonar replacement types for: **EXPERT**

| | | | | | | | |
|--|--|--|---|---|---|---|--|
| EXPERT | | popular | ellipse | disco | quadro | super | 78 RPM needle for: DISCO and SUPER |
| 555  green | 738  black | 555  green | 555 DE  black | 728  blue | 550 ES  white | 684 ES  black | 736  green |
| 78 RPM needle for: popular ellips and quadro | | | | | | | |
| 737  green | | | | | | | |

Tonar replacement types for: **FIDELITY**

| | | | | | | | |
|---|---|---|--|--|--|--|--|
| | | | F | T-50 HS | | | |
| 801 DS  black | 625  blue | 442  grey |  black | 6038  grey | 6175  red | | |

Tonar replacement types for: **FIDELITY RESEARCH**


| | | | | | | | |
|---|---|---|---|--|--|--|--|
| S-5 | FR-5 E | FR-101 | FR-6 SE | | | | |
| 1365  black | 1366  black | 1447  black | 1467  black | | | | |

Tonar replacement types for: **FISHER, See: SANYO**

Tonar replacement types for: **FISHER PRICE**

| | | | | | | | |
|---|---|--|--|--|--|--|--|
| power point | power point | | | | | | |
| 6277  green | 2528  black | | | | | | |

Tonar replacement types for: **FONICA**










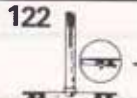




| | | | | | | | |
|--|---|--|--|--|--|--|--|
| UF-50 | UF-70 | | | | | | |
| 299  red | 6262  red | | | | | | |

Tonar replacement types for: **FUJIYA AUDIO, See: N.E.C.**






Tonar replacement types for: **GARRARD**

| | | | | | | | |
|--|--|---|--|---|--|---|---|
| GC-2 | GC-8 | GC-12 | GCM-21-22; GKM-22 | GCM- 21 T-22 T; GCS-23 T; TS-1; TS-2-3 | GCM-31; GSS-1; GCS-35/36 | GCS-10 | |
| 113  | 116  | 118  | 436  | 438  | 435  | 117  | |
| GCS-23; GKS-25-26 | GCS-38; GSS-2 | KS-40 A | KS-41 B | KS-41 C | TOM-1 | TOM-2 | GMC-50 C |
| 437  | 587  | 462  | 585  | 586  | 114  | 115  | 830  blue |
| ATN-936 | GS-22 | GS-22 E | GC-11 | GA-150 | GSN-66 E gradiente | | |
| 676  white | 904  black | 904 DE  black | 6004  blue | 831  yellow | 1739  black | | |




Tonar replacement types for: **GENERAL ELECTRIC**

| | | | | | | | |
|---|--|---|---|---|--|---|---|
| C-100 126  | C-200 127  | C-500 129  | C-650 300  | C-660 461  | GC-7 124  | RPJ-047 121  | RPX-040 119  |
| RPX-047; 050 | VR-II/G-15 | VR-II; 4 G | VR-22 | VR-1000-7 | VR-II/G-16 | | |
| 120  | 122  G-15 only! | 123  | 125  | 128  | 6035  G-16 only! | | |


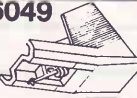


Tonar replacement types for: **GLANZ**

| | | | | | | | |
|---|--|--|---|--|--|--|--|
| MG-20 R 862  orange | MG-30 R 888  red | MG-50 R 730  white | MG-55 R 711  blue | MG-70 R 770  red | | | |
|---|--|--|---|--|--|--|--|



Tonar replacement types for: **GOLDRING**

| | | | | | | | |
|--|---|--|--|---|---|---|---|
| MX 1/2 133  | SX-10 351  | CM-60; CS-80 135  | CS-90; CS-91 E 134  | 200 131  | 500 130  | 580; 600 132  red | 700 136  |
| NG-2 | NG-2 E | G-800 | G-800 E | G-800 Super E | G-800 H | G-820 | G-820 DJ |
| 1108  black | 1109  beige | 352  white | 594 DE  grey | 593 DE  grey | 476  red | 565  lilac | 1314  DISCO DUTY red |
| G-820 E | G-820 SE | G-850 | G-850 E | G-900 SE | G-900 IGC | G-910 IGC | G-920 IGC |
| 682 DE  beige | 1317  yellow | 463  red | 463 DE  red | 1110  grey | 1316  tr. green | 1436  tr. orange | 1410  tr. purple |
| G-950 | G-950 E | EPIC | G-900 SE MK II | G-1010 | G-1020 | G-1040 | EPIC DJ |
| 1315  yellow | 1429  grey | 1449  black | 1492  black | 1577  | 1578  | 1579  | 1668  orange |
| G-900 SR | EPIC DJ-E | G-9 | ELAN | | | | |
| 1699  tr. green | 1706  | | 1792 | | | | |


Tonar replacement types for: **GOLDSTAR**

| | | | | | | | |
|--|--|--|--|--|--|--|--|
| 974  yellow | 6049  black | 6175  red | 6240  purple IM | | | | |
|--|--|--|--|--|--|--|--|




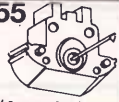


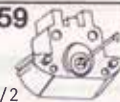
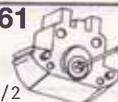
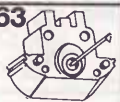



Tonar replacement types for: **GRACE**

| | | | | | | | |
|--|---|--|--|--|--|--|--|
| F-8; F-21 | F-9 L | | | | | | |
| 502  clear | 1636  clear | | | | | | |

















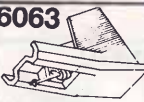

Tonar replacement types for: **GRADIËNTE**

| | | | | | | | |
|---|--|--|--|--|--|--|--|
| GSN-66 EMC | | | | | | | |
| 1739  black | | | | | | | |








Tonar replacement types for: **GRADO**

| B-SERIES | F-SERIES | FE-SERIES | MTE +/S | MTE +1/S | MF 3E +/S | MF 2 +/S | MF 1 +/S |
|---|---|---|---|--|--|---|--|
| 468  grey | 551  | 1180  tan | 1655  tan/2 red dots | 1656  tan/2 silv.dots | 1657  tan | 1659  tan/2 white dots | 1661  tan/2 blue dots |
| M +/S | M 1 +/S | M 2 +/S | GTE +/S | | | | |
| 1663  brown | 1665  brown/2 yellow dots | 1667  brown/2 gold dots | 1669  78 r.p.m. | | | | |


Tonar replacement types for: **GRUNDIG**

| | | | | | | | |
|--|---|---|---|---|---|---|---|
| P-24 | ATN-102 | ATN-102 EP | DN-235 | DN-236 | GP-500 MK II | | |
| 940  tr.orange | 927  grey | 986 DE  green | 981  white | 1311  black | 534  black | 758  yellow | 768 DE  green |
| | | DN-239 | | MG-44 J | MMD-340 | MMD-345 | P-30 S |
| 832  red | 910  red | 981  white | 6049  black | 6063  | 2473 *  | 2474 *  | 6031  |
| MG-45 | GP-330 | | | | | | |
| 6063  | 994  | | | | | | |



Tonar replacement types for: **HAITAI**

| | | | | | | | |
|---|---|---|---|--|--|--|--|
| | | | | | ATN-3651 F | 3609 GY | |
| 6175  red | 974  yellow | 6049  black | 758  yellow | 6164  orange | 6166  yellow | 6237  grey | |


Tonar replacement types for: **HANDIC**

| | | | | | | | |
|-------------|---|--|--|--|--|--|--|
| V-307 | | | | | | | |
| 769 blue |  | | | | | | |

Tonar replacement types for: **HAPE**

| | | | | | | | |
|------------|---|--------------|---|--|--|--|--|
| MD-4 | | | | | | | |
| 725 red |  | 444 white |  | | | | |


Tonar replacement types for: **HENFAI**

| | | | | | | | |
|-----|---|--|--|--|--|--|--|
| | | | | | | | |
| 372 |  | | | | | | |










Tonar replacement types for: **HITACHI**

| | | | | | | | |
|----------------------|------------------------|---------------------|---------------------|-------------------|------------------|----------------------|-----------------------------|
| DS-ST-2 | DS-ST-3 MFS-170/171 | DS-ST-5 | HN-ST-6 | HN-ST-7 | DS-ST-7 | DS-ST-9 | F-11 MT-11 F |
| 148 | 296 white | 596 white | 6001 white | 681 black | 974 yellow | 148 | 509 ES white |
| DS-ST-12 DS-ST-14 | DS-ST-13 MT-13 | DS-ST-15 | DS-ST-16 | DS-ST-17 | SJN-18 | DS-ST-18 R | DS-ST-18 |
| 581 grey | 986DE green | 939 white | 957 black | 871 red | 767 white | 6049 black | 6049 DE black |
| HN-ST-19 | HN-ST-20 CFS-280 | HT-20 S | DS-ST-20 | DS-ST-20 E | F-22 EX MT-22 | DS-ST-23 | DS-ST-24 MT-24 |
| 452 nickle | 426 nickle | 978 beige | 784 white | | 723ES beige | 770 red | 763 orange |
| DS-ST-25 | DS-ST-26 | DS-ST-26 E | DS-ST-30 | DS-ST-32 | DS-ST-33 | DS-ST-33 E | DS-ST-35 DS-ST-36 |
| 645 red | 677 yellow | 894DE white | 828 yellow | 963 red | 979 blue | 982DE black | 832 red |
| DS-ST-40 MT-10 | SJN-45 | DS-ST-45 HT-M 45 | E-50 MC MT-50 MC | DS-ST-55 MT-55 | DS-ST-60 | DS-ST-70 DS-ST-72 | E-100 MT-100 |
| 601 brown/red | 801 black | 1468 ivory | 1243 black | 695 tr. blue | 1598 black | 294 DE black | 1470 black |
| DS-ST-101 | E-101 MT-101 | DS-ST-102 | DS-ST-103 | DS-ST-104 | DS-ST-110 | E-150 MT-150 | DS-ST-202 MK2 E-202 MK 2 |
| 607 ivory | 1469 black | 711 blue | 734 black | 748/DE blue | 1093 black | 1484 black | 1472 black |
| RT-8500 | | | | | | | |
| 6180 orange | 674 green | 6279 orange | 6180 orange | | | | |

Tonar replacement types for: **H.M.V.**

| | | | | | | | |
|--|---|--|--|--|--|--|--|
| HMV-1 390  | HMV-2 391 long arm, double tip  | | | | | | |
|--|---|--|--|--|--|--|--|


Tonar replacement types for: **INKEL**

| | | | | | | | |
|--|--|--|--|--|---|--|--|
| PD-40 832  red | PD-607 904  black | JB-2000 865  orange | JB-4000 JB-5000 956  red | ATN-3710 879  red | 895  brown | ATN-102 P 927  grey | ATN-122 EP 6109 DE  brown |
| ATN-3482 P 6126  yellow | | | | | | | |










Tonar replacement types for: **INTEL**

| | | | | | | | |
|--|--|--|--|--|--|--|--|
| 374  black | | | | | | | |
|--|--|--|--|--|--|--|--|







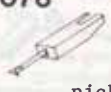



























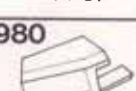
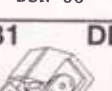
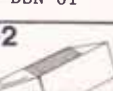


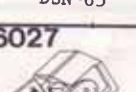
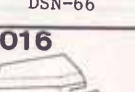
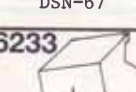


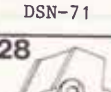

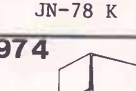
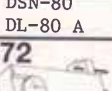
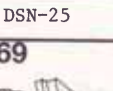
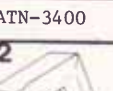
Tonar replacement types for: **ISKRA**

| | | | | | | | |
|---|--|--|--|--|--|--|--|
| 180  | | | | | | | |
|---|--|--|--|--|--|--|--|

Tonar replacement types for: **I.T.T.**

| | | | | | | | |
|---|---|--|---|---|---|--|---|
| ME-45-77 809  blue | AT-70 795  red | AT-71 758  yellow | AT-12 XE 781 DE  l.brown | AT-13 E 794 DE  orange | ATN-50 904  black | 832  red | ST-30 6016  blue |
| 673  red | | | | | | | |



Tonar replacement types for: **JAPAN COLUMBIA (DENON)**

| | | | | | | | |
|---|--|---|--|--|---|---|--|
| DSN-1;SJM-1 | JTS-1/5; DTS 1/5 | JTS-3 | DSN-3 | DTS-4 | DSN-4 | DSN-5 | DSN-6 |
| 148  | 349  | 272  | 6073  nickle | 6074  nickle | 6075  nickle | 6076  nickle | 6077  white |
| DSN-7 DSN-8 | DSN-9 | DSN-10;DSN-13 | DSN-11 | DSN-14 | DSN-16; SJN-16 | DSN-22 | DSN-24; GN-20 |
| 6078  white | 6192  white | 296  white | 6087  grey | 644  red | 452  nickle | 786  grey | 499  red |
| DSN-28 | DSN-32 | DSN-34 | DSN-35 | SJN-18 DSN-38 | DSN-39 | DSN-40 | DSN-41 |
| 677  yellow | 6079  orange | 705  ivory | 371  white | 767  white | 758  yellow | 6080  white | 772  tr. black |
| DSN-42 | DSN-44 | SJN-45 DSN-45 | DSN-46 | DSN-47 | DSN-48 | DSN-50 | DSN-51 |
| 892  black | 823  black | 801  black | 1367  white | 937  orange | 938  tr. orange | 834  orange | 949  orange |
| DSN-54 | DSN-55 | DSN-57 | DSN-60 | DSN-61 | DSN-62 | DSN-63 | DSN-64 |
| 741DE  green | 475  orange | 980  red | 931 DE  white | 692  grey | 983  grey | 957  black | |
| DSN-65 | DSN-66 | DSN-67 | DSN-68 | DSN-69 | DSN-70 | DSN-71 | DSN-72 |
| 6027  brown | 6016  blue | 6233  blue | 6084  red | 877  orange | | 828  yellow | 974  yellow |
| DSN-73 | DSN-74 | JN-78 K | DSN-80 DL-80 A | DSN-25 | ATN-3400 | | |
| | | 974  yellow | 1672  red | 6269  orange | 832  red | | |

Tonar replacement types for: **JELCO**

| | | | | | | | |
|---|--|--|---|---|---|--|--|
| MC1-5 | SMC-101 | MC-9 | MC-12 | MC-14 | MC-15 | 4C-1X | D |
| 538  grey | 533  grey | 573  brown | 699  red | 637  red | 700  green | 701  yellow 4-channel | 637  red |
| MC-45 D | D | MC-29 | | TC-812 E | MC-50 D | | |
| 952  red | 908  black | 6255  red | 6268  black | 792 DE  red | 6274  black | | |

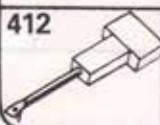
Tonar replacement types for: **JENSEN**

| | | | | | | | |
|--|--|--|--|--|--|--|--|
| 409C; 64-1 | J-2T | | | | | | |
| 276  | 343  | | | | | | |









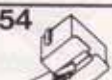










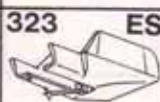







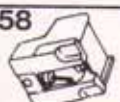







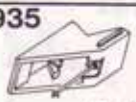




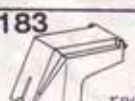


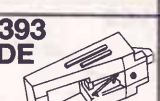



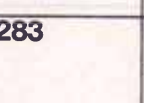


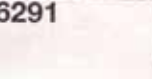
Tonar replacement types for: **J.V.C., See: NIVICO**

Tonar replacement types for: **JUKEBOXES, See: N.S.M., Schuman, Seeburg, Zenith types**


Tonar replacement types for: **K.D.**

| | | | | | | | |
|--|--|--|--|--|--|--|--|
| 69 | | | | | | | |
| 412  | | | | | | | |



Tonar replacement types for: **KENWOOD**

| | | | | | | | |
|--|---|--|--|---|---|---|--|
| N-6 AT | N-11 | N-15 0 MK II | NF-15 0 MK II | N-20 | N-23 | N-25 | N-26 |
| 296  white | 758  yellow | 803  white | 802  red | 780  white | 445  grey | 654  l. grey | 771  black |
| N-30 | N-31 | N-32; N-33 | N-34 | N-35 | N-36 | N-37 | N-38 |
| 654  l. grey | 655  black | 571  white | 541  white | 686  brown/ silver | 656  dark grey | 657  red | 325  scarlet |
| N-39 | N-39 MK II | N-39 MK III | N-40 | N-41 | N-42 | N-43 | N-44 |
| 326  orange | 958  black | 829  black | 323 ES  4-channel | 677  yellow | 323 ES  4-channel | 658  blue | 688 ES  4-channel |
| N-45 | N-46 | N-47 | N-48 | N-49 | N-50 | N-51 E | N-52 |
| 1493  MC | 755  black | 730  white | 758  yellow | 764  orange | 908  black | 908 DE  black | 6008  blue |
| N-53/V-53 | N-54 | N-55 | N-56; N-56 B | N-57 | N-58 | N-59 | N-60 |
| 876  black | 6021  blue | 1408  MC blue | 935  black | 1407  green/black | 6139  IM black | 6138  MM dark grey | |
| N-61 | N-62; V-62 | N-63 | N-64 | N-64 C | N-65 | N-66 | N-67 |
| 6204  MM blue | 6183  red blue | 6158  blue | 393  black | 393 DE  black | 6249  green | 6257  MM red | 6258  MM red |
| N-68 | N-69 | N-70 | N-71 | N-72 | N-73 | N-74 | N-75 |
| 6283  blue MM | 6259  red | 1586  grey | 6291  black | 6115 | | | |






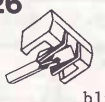






Tonar replacement types for: **K.L.H.**

| | | | | | | | |
|--|--|--|--|--|--|--|--|
| 832  red | | | | | | | |
|--|--|--|--|--|--|--|--|













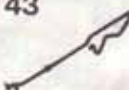

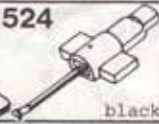

Tonar replacement types for: **K.S.M.U.**

| | | | | | | | |
|---|---|--|--|--|--|--|--|
| 0261 | KD-69 | | | | | | |
| 448  | 412  | | | | | | |

Tonar replacement types for: **LENCO**

| single | double | RCS Pop Stereo | M-94 | M-95 | M-100 | M-100 | M-150 |
|--|---|---|---|--|---|---|---|
| 137  | 138  | 524  black | 672  red | 463  red | 526  blue | 527  yellow | 565  purple |
| M-200 | M-300 | M-350 | OMB-20 | GS-11 | | | |
| 309  red | 1599  black | 1599  black | 1253  black | | | | |




Tonar replacement types for: **LESA**

| A | B | C-1 | D | E | F-3 | F-5 | K-2 |
|---|--|---|---|---|--|--|--|
| 139  | 140  | 512  | 137  | 141  | 344  | 310  | 212  |
| K-3 | K-3 New Version | S | U | U-2 | W | | |
| 592  | 368  black | 144  | 142  | 143  | 257  | 524  black | 725  red |

Tonar replacement types for: **LESON**


| | | | | | | | |
|---|--|--|--|--|--|--|--|
| LESON | | | | | | | |
| 434  grey | | | | | | | |

Tonar replacement types for: **LIN SONDEK**







| | | | | | | | |
|--|--|--|--|--|--|--|--|
| K-5 | K-9 4-channel | K-18 4-channel | | | | | |
| 1793  grey | 1715  yellow | 1794  grey | | | | | |

Tonar replacement types for: **L.O.D., See: HITACHI**









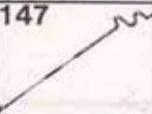

Tonar replacement types for: **LUSTRE**

| | | | | | | | |
|---|--|--|--|--|--|--|--|
| L-1 | | | | | | | |
| 457  | | | | | | | |

Tonar replacement types for: **LUXMAN**

| | | | | | | | |
|---|---|---|---|---|---|--|--|
| | ATS-11 | ATN-71 E | N-310 C | N-320 C | ATN-3710 | | |
| 974  yellow | 677  yellow | 768 DE  green | 1563  white | 1609  black | 879  red | | |

Tonar replacement types for: **LUXOR**

| | | | | | | | |
|---|---|---|--|---|--|---|---|
| 3200 | 3823 | 3831; 3833 | 8000 | 36200 | 65977 | 72411 | 72786 |
| 465  grey | 387  beige | 526  blue | 802  red | 526  blue | 148  | 145  | 146  |
| 74916 | | | | | | | |
| 147  | 758  yellow | | | | | | |






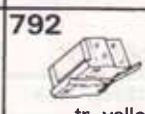
Tonar replacement types for: **MAGNAVOX**

| | | | | | | | |
|--|---|---|--|---|---|--|--|
| 560101 | 560151/560133 | 560161 | 560247 | 560305 | 560344/45 | 560347-1 | 560348 |
| 150  | 149  | 151  | 200  | 277  | 303  | 525  | 317  |
| 560398 | 560356 | 560369 | 560418 | 560429 | 560434 | 25130071 | 5604370033 |
| 572  red | 571  white | 795  red | 734  black | 851  white | 910  white | 916  red | 801  black |
| 25130079 | 25130081 | | 5690300003 | 5604370111 | | | |
| 994  black | 994 DE  black | 6175  red | 6172  red | 6111  white | | | |

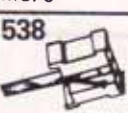
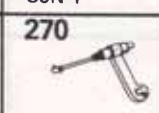

Tonar replacement types for: **MARANTZ**

| | | | | | | | |
|---|--|--|--|--|---|--|---|
| CT-5 S 832  red | CT-6 S 922 DE  green | CT-100 993  tr. clear | TT-130 TT-221 384  black | TT-140 6063  blue | TT-143 393  black | TT-151 981  white | TT-151 6163  blue |
| TT-153 6206  orange | CT-165 6158  blue | TT-170 6049  black | TT-185 CTS-165 388  dk. blue | TT-221 384  black | TT-240 6063  blue | TT-243 393  black | TT-251 6163  blue |
| TT-253 393  black | TT-275 6234  IM red | TT-285 957  black | CT-300 TT-320 384  black | TT-333 935  black | CT-340; TT-340 TT-440 6063  blue | TT-351 6163  blue | CTS-420 384  black |
| TT-430 6159  dk. green | TT-433 TT-443 935  black | TT-451 6163  blue | 500 758  yellow | CS-500 973  white | TT-520 687  blue | TT-525 687  blue | TT-530 6026  grey |
| TT-551 6163  blue | CT-551 6260  MM blue | TT-553 935  black | TT-873 957  black | 956  red | 965  tr. green | | |



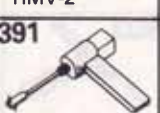

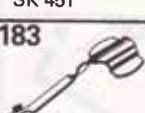


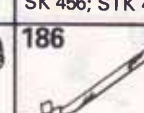




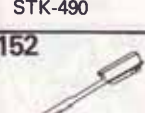
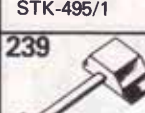

Tonar replacement types for: **MARLUX**

| | | | | | | | |
|---|--|---|---|--|--|--|--|
| NM-106 661  grey | MC-500 666  green | NM-33 296  white | 527  yellow | 789  red | SX-50S 792  tr. yellow | | |
|---|--|---|---|--|--|--|--|















Tonar replacement types for: **MASTERCRAFT**

| | | | | | | | |
|---|--|--|--|--|--|--|--|
| MCI-5 538  green | SJN-1 270  | SMC-101 533  grey | | | | | |
|---|--|--|--|--|--|--|--|

Tonar replacement types for: **MERULA**






| | | | | | | | |
|--|---|---|---|--|---|--|--|
| FANFARE 182  | HMV-1 390  | HMV-2 391  | SC-474 153  | SK 451 183  | SK 452 184  | SK 453 185  | SK 456; STK 494 186  |
| STC-480 420  | STC-485/486 414  Jupimatic | STC-487 493  black | STC-488 685  green | STK-490 152  | STK-495/1 239  | STC-481 391  | |
| | | | | | | | |

Tonar replacement types for: **MICRO**



| | | | | | | | |
|---|---|--|---|---|---|---|--|
| SC-301 359  new yorker | M-207 399  white | V-2100 598  red | V-3100 400  grey | V-3200 636  red | V-3300/7 735  black | V-307; V-7000 769  turquoise | VP-1; V-8; V-10; V-70 775  black |
| V-5 776  blue | V-20 777  black | V-40 852  black | LF-7 918 DE  black | V-307 IM type 6013  IM beige | V-3200 E V-3200 XE 636 DE  black | V-1100 V-1110 | |

Tonar replacement types for: **MICRO ACOUSTICS**













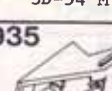
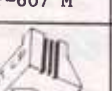
(STYLI AVAILABILITY IS ERRATIC)

| | | | | | | | |
|--|---|---|--|--|-------------------------------------|---|--|
| QDC-1E; QDC-1S 282 E; 530 MP 1754  black | MA-282 E 1754  black | QDC-1E; QDC-1S 1754  black | 309; 382; 3002 630; 830 CSA no longer available | 50-PE (T4P) 6310  red | 100 E no longer available | 2002 E 1754  black | |
|--|---|---|--|--|-------------------------------------|---|--|


Tonar replacement types for: **MISSION**

| | | | | | | | |
|--|-----|--|--|--|--|--|--|
| 773 MM 637  red | 774 | SOLITAIRE 6268  black | | | | | |
|--|-----|--|--|--|--|--|--|




Tonar replacement types for: **MITSUBISHI**

| | | | | | | | |
|--|---|---|--|--|---|---|--|
| MD-1 649 DE  beige | 3D-MM 1 6121  black | MD-2 649  brown | 3D-MM2 1276  black | STYLUS 5 LMT-5 1319  black | 3D-20 M; ST-15; SP-16 148  black | SJN-16 452  black | SJN-18 767  white |
| 3D-23 M 399  white | 3D-24 M 399  white | 3D-25 M 566  white | 3D-26 M 1490  white | 3D-28 M 400  ivory | 3D-29 M 6088  white | 3D-30 M 647  green | 3D-31 M 646  green |
| ST-11; 3D-32 M 426  black | 3D-33 M 582  green | 3D-34 M 674  green | 3D-37 M 649  brown | 3D-38 M 706  green | 3D-40 M 571  ivory | 3D-42 M 936  black | 3D-44 M 771  black |
| 3D-45 M 936  black | 3D-46 M 6009  brown | 3D-47 M 897  brown | 3D-48 M 822  white | 3D-50 M 913  black | 3D-51 M 957  black | 3D-52 M 985  blue | 3D-54 M 935  black |
| 4500 Z EEE 1072  purple | LT-55; LT-75 6084  red | STP-607 M  red | L-4 6042  blue | RS-50 6152  black | 6144  smoke grey | 3D-55 M 957  black | 3D-56 M 6049  black |
| 3D-57 M 6049  black | | | | | | | |







































Tonar replacement types for: MULTITECH

| | | | | | | | |
|---|--|--|--|--|--|--|--|
| M-22 | | | | | | | |
| 6242  yellow | | | | | | | |

Tonar replacement types for: N.A.D.

| | | | | | | | |
|---|---|---|--|--|--|--|--|
| NAD 9100 | NAD-9200 | NAD-9300 | | | | | |
| 1231  grey | 1231  grey | 1391  grey | | | | | |

Tonar replacement types for: NAGAOKA











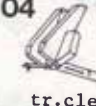













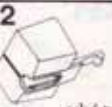




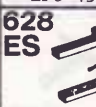

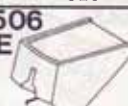




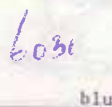


| | | | | | | | |
|--|--|---|---|---|--|---|---|
| JT-311 | JT-322 | NC 100; 202; 203 NC 505; 400; 400H | NC 202; 203; 400 NC 400 H | NC-700 | NC-770 | NM-11 A | NM-22 |
| 555  green | 550 ES  4-channel white | 27  grey | 148  stereo | 494  grey | 270  grey | 222  white | 263  white |
| NM-33 | NM-33-A | NM-66 | NR-1 | JT-333 | JT-511 | JT-555 | JT-511 BE |
| 296  white | 453  blue | 447 DE  grey | 363  black | 683 ES  red | 664  red | 684 ES  black | 746 DE  yellow |
| JT-511 DJ | 78 RPM needle for: JT-511 series; JT-555 | 78 RPM needle for: JT-311; JT-322 | OS-100 MP | OS-200 MP | OS-300 MP | C-711-01 | MP-10 |
| 728  blue | 736  green | 737  green | 717  transparent clear | 719 DE  transparent grey | 721 DE  solid black cantilever transparent purple | 808  green | 1288  red |
| MP-11 | MP-15 | MP-20 | MP-30 | MP-50 | C-320 M | MM-321 B | C-711 |
| 1289  beige | 1290  brown | 1291  grey | 1292  ivory | 1293  white | 914  all pl. tr. green | 945  tr. green | 808  MM green |
| C-721 | MP-05 | MP-50 Super | JN-110 JT-110 | JN-120 JT-120 | JN-11 EB MP-11 EB | | |
| 943  IM green | 944  purple | 1250  black | 6003 ES  black | 6151  black | 1601  black | | |

Tonar replacement types for: NATIONAL (PANASONIC, TECHNICS)

| | | | | | | | |
|--|--|---|---|---|--|---|--|
| EPS-02 C-103 6123 | EPS-04 LP EPC-27 WIGS 5 148 | EPS-04 ST EPC-29 TTGS 1 148 | EPS-04 ST EPC-29 TTBS 4 148 | EPS-04 ST EPC-69 STA;STC 148 | EPS-04 STSD EPC-29 TTES 5 148 | EPS-05 EPC-05; EPC-08 269 nickle | EPS-05 ST EPC-01 TTC 269 nickle |
| EPS-05 ST EPC-30 TTA 269 nickle | EPS-08 397 black | EPS-10 EPC-83 SMAD 397 black | EPS-10 STDD EPC-83 SMED 397 black | EPS-11 EPC-81 STSD 648 nickle | EPS-11 STSD EPC-81 STBD 648 nickle | EPS-12 397 black | EPS-13 EPC-34 TTAD 372 black |
| EPS-13 TT EPC-35 TTA 372 black | EPS-13 TTSD EPC-35 TTAD 372 black | EPS-14 ST EPC-34 STC 374 black | EPS-14 STSD EPC-34 STCD 374 black | EPS-14 STSD EPC-34 STBD 374 black | EPS-18 ST EPC-34 STFA 618 white | EPS-18 STSD EPC-34 STFAD 618 white | EPS-19 EPC-40 STBD 606 black |
| EPS-19 STSD EPC-40 TTB 402 black | EPS-22 CS-1025 426 nickle | EPS-22 ES EPC-P 22 S 885 DE tr.clear | EPS-22 ES EPCP 202 CBK 885 DE tr.clear | EPS-23 CS EPC-P 23 S;SK 885 tr.clear | EPS-23 CS; ES EPC- P 23 885 tr.clear | EPS-24 CS EPC- P 24 940 tr.orange | EPS-24 STSD EPC-95 SSED 451 nickle |
| EPS-25 EPC-42 516 grey | EPS-25 CS EPC-U 25 S;SK 6023 tr.brown | EPS-25 CS U-25; H-25 6023 tr.brown | EPS-25 STSD EPC-42 STAD 516 grey | EPS-27 EPC-09 STAD 842 white | EPS-27 CS EPC-P 27 959 tr.yellow | EPS-28 EPC-96 SS 600 yellow | EPS-28 CS EPC-P 28 959 tr.yellow |
| EPS-30 STSD EPC-82 SMAD 677 yellow | EPS-30 CS EPC-P 30 6031 blue | EPS-31 SPSD 741 green | EPS-31 STSD EPC-82 SMBD 571 white | EPS-33 ES EPC-P 33 6032 grey | EPS-34 STSD EPC-78 SMAD 748 DE blue | EPS-35 STED 748 DE blue | EPS-35 STSD EPC-78 SMBD 568 red |
| EPS-36 STSD EPC-05 STA 629 white | EPS-37 EPC-37 376 white | EPS-39 STSD 850 white | EPS-41 STSD EPC-41; EPC-13 951 white | EPS-43 STSD 991 grey | EPS-45 STQD EPC-450 C 630 ES 4-channel grey | EPS-46 STSD EPC-460 C 650 yellow | EPS-46 STQD EPC-460 C 4 621 ES 4-channel grey |
| EPS-50 EPC-84 SM 759 DE black | EPS-51 EPC-85 SM 759 DE black | EPS-51 CS EPC-P 51 S 6117 red | EPS-52 EPC-86 SNAD 599 orange | EPS-53 EPC-87 SMAD 6119 DE tr.clear | EPS-P 53 CS EPC-P 53 S 6118 tr. red | EPS-54 EPC-88 SMAD 759 DE black | EPS-56 EPC-79 SMAD 749 blue |
| EPS-74 STED EPC-74 SMED 760 DE blue | EPS-74 STSD EPC-74 SMAD 758 yellow | EPS-75 SMLD 6064 orange | EPS-75 STSD EPC-75 SMAD 832 red | EPS-75 STCSD EPC-75 851 grey | EPS-75 STHSD 991 dark grey | EPS-75 TFSD 898 yellow | EPS-76 STED 851 grey |
| EPS-76 STSD 831 yellow | EPS-90 SMAD 986 DE green | EPS-90 SMBD 927 grey | EPS-90 STGD 927 grey | EPS-90 STGED 986 DE green | EPS-91 SMAD 581 white | EPS-100 ED 2 1369 black | EPS-100 ED 4 EPC-100 C MK 4 1501 black |

CONTINUED









Tonar replacement types for: NATIONAL (PANASONIC, TECHNICS) CONTINUED

| | | | | | | | |
|--|--|--|--|---|--|--|---|
| EPS-P 100 ED 4 EPC-P 100 CMK4 | EPS-202 ED EPC-P 202 C | EPS-205 ED EPC-205 C II S | EPS-205 ED EPC-205 C2 LKX | EPS-205 ED EPC-205 C2 SKX | EPS-205 EX EPC-205 C II | EPS-205 ED 3 EPC-205 C MK 3 | EPS-205 ED 4 EPC-205 C MK 4 |
| 1502  tr.clear | 885 DE  tr.clear | 759 DE  black | 766 DE  gold | 766 DE  gold | 766 DE  gold | 766 DE  gold | 1503  gold |
| EPS-P205 ED 3 EPC-P205 C MK3 | EPS-P205 ED 3 EPC-P205 C3K | EPS-P205 ED 4 EPC-P205 C MK4 | EPS-206 C | EPS-206 ED EPC-206 CK | EPS-207 C | EPS-207 ED EPC-207 C | EPS-207 ED EPC-207 C II |
| 1504  tr.clear | 1504  tr.clear | 1504  tr.clear | 886  black | 886 DE  black | 841  black | 841 DE  black | 841 DE  black |
| EPS-207 ED EPC-207 CK | EPS-270 SD EPC-270 CK;CX; EPC-270 CKX;CZX | EPS-270 SD EPC-270 C; D | EPS-270 ED EPC-270 C II | EPS-270 ED EPC-270 C2K-X | EPS-270 ED EPC-271 C | EPS-270 ED EPC-271 CES | EPS-270 ED EPC-271 CS-X |
| 841 DE  black | 757  tr.green | 757  tr.green | 757 DE  tr.green | 757 DE  tr.green | 757 DE  tr.green | 757 DE  tr.green | 757 DE  tr.green |
| EPS-275 EPC-09 STAD | EPS-290 SD EPC-290 C | EPS-310 MC EPC-310 MC | EPS-310 MC 2 EPC-P 310 MC 2 | EPS-405 QD EPC-405 C | EPS-440 QD EPC-440 C | EPS-450 QD EPC-450 C II | EPS-451 QD EPC-451 C |
| 842  white | 599  tr.orange | 1521 | 2237 | 759 ES  4-channel;black | 599 ES  4-channel clear | 1544  clear 4-channel | 628 ES  4-channel red |
| EPS-510 CS EPC-P 510 S | EPS-520 ES EPC-P 520 | EPS-530 ES EPC-P 530 | EPS-540 ES EPC-P 540 | EPS-550 ES EPC-P 550 | | EPS-24 ES EPC-P 24 | |
| 1505  green | 1506 DE  blue | 1507 DE  grey | 1508 DE  gold/black | 1509 DE  red gold | | 940 DE  tr. orange | |
| P-30 S | EPC-P 328 | EPC-P 511 S | EPC-01 WTB | SPJ-4 | EPS-55 CS | | |
| 6036  blue | | | | 148  | 6284  tr. green | | |









Tonar replacement types for: NEAT

| | | | | | | |
|---|---|---|---|--|--|--|
| N-100 | VS-700; V-70; VS-90 | VS-80 | | | | |
| 148  | 389  | 526  | 533  grey | | | |

Tonar replacement types for: **NEUFUNK**

| | | | | | | | |
|--|--|---|---|---|---|---|---|
| 368  | 293  |  |  |  |  |  |  |
|--|--|---|---|---|---|---|---|

Tonar replacement types for: **NIKKO**

| | | | | | | | |
|--|---|---|---|--|---|---|---|
| 851  grey | 956  red | 973  white | 801  black | 6049  black |  |  |  |
|--|---|---|---|--|---|---|---|







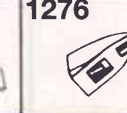

Tonar replacement types for: **NIPPON ELECTRIC COMPANY (N.E.C.)**

| | | | | | | | |
|--|---|--|---|---|--|--|---|
| LP-5 D; SP-5 S | LP-10 D | SP-15 S; LP-15 D | LP-20 D | LP-25 D | LP-30 D | LP-35 D | LP-40 D |
| 269  | 397  black | 148  | 296  white | 367  white | 786  grey | 653  black | 456  white |
| LP-45 D | LP-50 D | LP-55 D | LP-60 D | LP-65 D | LP-70 D | LP-75 D | LP-305 M |
| 641  black | 711  blue | 578  black | 822  white | 730  white | 834  orange | 813  red | 382  blue |
| LP-310 D | LP-335 D LP-355 D | LP-735 D | LP-5100 D | LP-6000 D | LP-6100 D | LP-6300 D | LP-7000 D |
| 937  orange | 832  red | 758  yellow | 651  MM | 760  blue | 726  green | 726  l. brown/green | 568  red |
| LP-8000 D | LP-8300 D | AT-3472 P | | | | | |
| 741  green | 637  red | 581  white | 927  grey | 673  red | 956  red | 6126  yellow | |
| | | | | | | | |
| | | | | | | | |


Tonar replacement types for: **NIVICO**

| | | | | | | | |
|--|--|---|--|--|--|--|--|
| DTS-1 347  ST-17 | DTS-2 348  black DT-18 | DT-7 148  DT-19 | DT-11; SS-11 510  white DT-20 | DT-12 6089  white DT-21 | DT-13 6090  white DT-22 | DT-15 6093  nickle DT-23 | DT-16 296  white DT-25 H |
| 348  black DT-26 | 6094  white DT-27 | 6091  MM white DT-29 | 426  nickle DT-30 S | 6108  IM blue DT-31 | 6092  white DT-32 | 659  black DT-33 G | 552  IM red DT-33 H |
| 639  white DT-33 S | 596  IM red DT-34 S | 595  MM red DT-36 | 853  IM blue DT-37 MD-1034 | 571  white DT-38 | 660  green DT-39 E | 640  green DT-41 LE-500;LE-600 | 545  yellow DT-45 |
| 509  white DT-45 E | DE 720  black DT-50 | 813  red DT-51 | 906  blue DT-55 | 898  yellow DT-55 W | 923  DE black DT-55 MK2 | 930  purple VFP-96 | 388  dark blue DT-100 E MC-100 EB |
| 388  brown DT-200 E | DE 714  orange DT-201 | 801  black DT-201 E | 974  yellow DT-Z 1S | 6122  orange DT-Z 1 | 987  blue DT-Z 1 EB | 381  DT-Z L1S | 1475  MC ivory DT-E 3E |
| 1606  MC red DT-Z 3 ED | 988  MC blue DT-Z 4 S | 1477  MC blue DT-U 2 | 718  khaki DT-U 2E | 739  ES tr.clear DT-X 1 MK I | 932  DE tr. green DT-X 1 MK II | 473  blue 4 DT-1 X | 1602  red 4 DT-2 X |
| 884  DE tr. red 4 DT-5 X | 884  red 4 DT-10 X | 1471  naked 4-channel black/ white line 4 DT-20 X | 1473  naked elliptical black/ red line 4 DT-30 X | 1287  clear 4 DT-35 X | 740  ES transparent clear DT-35 | 509  ES white 4-channel DT-56 | 703  ES black 4-channel DT-57 |
| 509  ES white 4-channel DT-58 | 509  ES white 4-channel DT-59 | 619  ES red 4-channel DT-60 | 620ES  grey 4-channel DT-Z 5 P Z-5 P | 620 ES  grey 4-channel MC-5 E | 6169  brown DT-55 B | 957  black DT-55 II B | 6111  ivory DT-Z 1 E |
| 6050  blue DT-202 B | 6230  blue DT-58 B | 6265  orange ATN-1059 | 6168  tr. orange DT-X 1 MK II | 6166  yellow DT-X 1 MK II | 6246  blue DT-62 | 6250  DE tr. orange DT-62 | 6175  red DT-62 |
| 1696  grey DT-62 | 6264  1. blue DT-62 | 6230  green DT-62 | 1751  elliptical DT-62 | 1752  shibata DT-62 | 6289  MM tr. blue DT-62 | 6175  red DT-62 | 6175  red DT-62 |

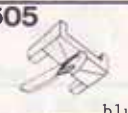
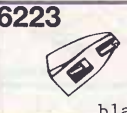
Tonar replacement types for: NORDMENDE

| | | | | | | | |
|---|--|---|--|---|--|--|--|
| ST-10 J | | | | | L-4 | OMB-10 | |
| 771  black | 6191  red | 904  black | 961  grey | 917  red | 1400  blue | 1276  black | 974  yellow |

Tonar replacement types for: NOVAK

| | | | | | | | |
|---|--|--|--|--|--|--|--|
| CLARVILLE | | | | | | | |
| 72  | | | | | | | |

Tonar replacement types for: N.S.M. / WURLITZER

| | | | | | | | |
|--|--|--|--|--|--|--|--|
| N-17 CM | | | | | | | |
| 605  blue | 6223  black | | | | | | |

Tonar replacement types for: NUWAY

| | | | | | | | |
|---|--|--|--|--|--|--|--|
| NS-88 | | | | | | | |
| 6086  gold | | | | | | | |

Tonar replacement types for: OHIO SOUND

| | | | | | | | |
|--|--|--|--|--|--|--|--|
| T-812 E | | | | | | | |
| 792 DE  tr. red | | | | | | | |
















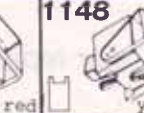





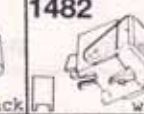








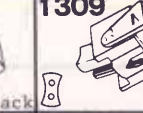
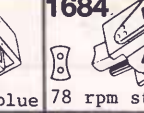



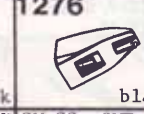
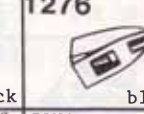

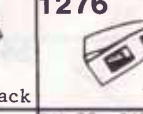
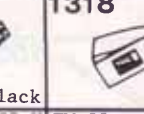



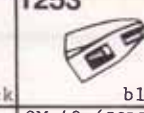

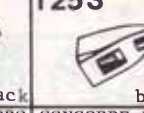




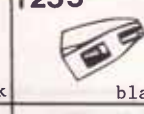
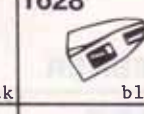
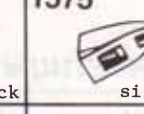
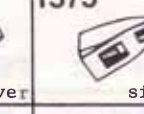
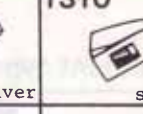


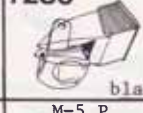

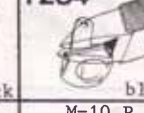
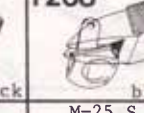
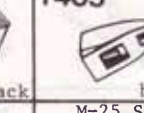
















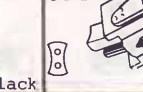
Tonar replacement types for: OLYMPIC

| | | | | | | | |
|-----|--|--|--|--|--|--|--|
| 1 | | | | | | | |
| 378 | | | | | | | |

Tonar replacement types for: ONKYO

| | | | | | | | |
|----------------------|---------------------|-------------------------|--------------------------------------|------------------------|--------------------------------|----------------------|---------------------|
| DN-1 ST; SN-2 ST | DN-3 ST | DN-5 ST | DN-7 ST | DN-8 ST | DN-10 ST | DN-12 ST | DN-13 ST |
| 148 | 269 | 296 white | 397 black | 367 white | 397 black | 374 black | 296 white |
| DN-14 ST | DN-15 ST | DN-16 ST | DN-17 ST | DN-18 ST | SN-19 ST | SN-20 ST | DN-21 ST OC-21 M |
| 648 nickle IM | 398 grey | 810 white | 397 black | 499 red | 535 brown | 367 white | 506 white |
| DN-22 ST OC-22 M | DN-23 ST OC-23 M | DN-24 ST | DN-25 ST | DN-27 ST | DN-28 ST | DN-29 ST | DN-30 ST |
| 507 blue | 535 brown | 589 orange-brown | 698 4-channel transparent red | 571 white | 726 ES 4-channel yellow | 726 green | 1022 red |
| DN-31 ST | DN-32 ST | DN-33 ST | DN-34 ST | DN-35 ST | DN-36 ST | DN-37 ST | DN-38 ST |
| 556 | 571 white | 778 red | 6081 blue | 758 yellow | 6082 green | 894 white | 6071 blue |
| DN-39 ST | DN-40 ST | DN-50 MC | DN-51 ST | DN-52 ST | DN-54 ST | DN-55 ST | DN-56 ST |
| 817 yellow | 771 black | 1243 black | 862 red | 832 red | 949 orange | 923 black | 955 grey |
| DN-57 ST | DN-59 ST | DN-60 STE | DN-61 ST | DN-61 STE | DN-62 ST | DN-63 STE | DN-64 STE |
| 708 grey | 923 black | 802 red | DE 6048 black | 6048 1. blue | DE 6036 black | 916 DE black | 1576 orange |
| DN-65 ST | DN-66 ST | DN-67 ST | DN-68 ST | DN-69 ST | DN-70 ST | DN-72 ST | DN-106 ST |
| 6193 blue | | 6084 red | 6237 grey | | 6286 grey | 6024 tr. blue | 6244 white |
| DN-107 ST | DN-201 ST | DN-202 STE | DN-505 MC | DN-1005 ST | OMP-5 E | OM-20 | Q-4 |
| 6248 orange | 848 blue | 848 blue | DE 1378 MC blue | 651 black/white | 1494 black | 1253 black | 6043 red |





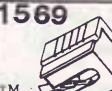



Tonar replacement types for: **ORTOFON**

| | | | | | | | |
|---|---|---|---|--|---|--|---|
| NF-10 E FF-10 E | FF-10 XE MK II NF-10 XE MK II | FF-15 D MK II NF-15 D MK II | F-15 S; F-15 O N-15 S; N-15 O | F-15 S MK II N-15 S MK II | F-15 E; F-15 EO N-15 E; N-15 EO | F-15 E MK II N-15 E MK II | F-15 O MK II N-15 O MK II |
| 1646  yellow | 1363  white | 1181  red | 282  white | 1143  white | 291 DE  white | 1144  white | 1143  white |
| F-15 EO MK II N-15 EO MK II | FF-15 NF-15 | FF-15 S MK II NF-15 S MK II | FF-15 E NF-15 E | FF-15 E MK II NF-15 E MK II | FF-15 O MK II NF-15 O MK II | FF-15 EO MK II NF-15 EO MK II | FF-15 XE MK II NF-15 XE MK II |
| 1144  white | 1756  white | 1141  red | 1755  white | 1142  red | 1141  red | 1142  red | 1148  yellow |
| M-15 Super D-15 Super | M-15 E Super D-15 E Super | M-20 E N-20 E; DN-350 | M-20 E Super D-20 E Super | M-20 FL Super D-20 FL Super | VMS-3 MK II D-3 MK II | VMS-5 E MK II D-5 E MK II | VMS-10 E MK II D-10 E MK II |
| 1033  blue | 1033  blue | 1036  black | 1147  blue | 1146  black | 1482  white | 1450  yellow | 1338  green |
| VMS-15 XE MKII D-15 XE MKII | VMS-20 S D-20 S | VMS-20 E D-20 E | VMS-20 E MK II D-20 E MK II | VMS-20 EO MKII D-20 EO MKII | VMS-20 XE MKII D-20 XE MKII | VMS-30 FL MKII D-30 MKII | NF-15/78 rpm |
| 1744  red | 1145  black | 1145  black | 1145  black | 1145  black | 1645  black | 1309  blue | 1684  78 rpm stylus |
| STYLUS 1 NEW | OM-5E; OMP-5 E Stylus 5 E New | STYLUS 7 NEW | TM-10 H; LM-10 STYLUS 10 NEW | OM-10; OMP-10 STYLUS 10 NEW | CONCORDE 10 STYLUS 10 NEW | CONCORDE EC-10 STYLUS 10 NEW | OMB-12 STYLUS 12 NEW |
| 1647  black | 1494  black | 1648  black | 1276  black | 1276  black | 1276  black | 1276  black | 1318  black |
| TM-14 STYLUS 14 NEW | OMB-15 STYLUS 15 NEW | LM-20; LM-20 H STYLUS 20 NEW | OM-20; OMP-20 STYLUS 20 NEW | CONCORDE 20 STYLUS 20 NEW | TM-20 H STYLUS 20 NEW | LM-30; LM-30 H STYLUS 30 NEW | TM-30 H STYLUS 30 NEW |
| 1336  black | 1629  black | 1253  black | 1253  black | 1253  black | 1253  black | 1255  black | 1255  black |
| OM-30; OMP-30 STYLUS 30 NEW | SME-30 H STYLUS 30 NEW | CONCORDE 30 STYLUS 30 NEW | OM-40 (GOLD) STYLUS 40 NEW | LM-PRO; OM-PRO STYLUS PRO NEW | CONCORDE PRO STYLUS PRO | CONCORDE STD STYLUS STD | DN-167 78 RPM STYLUS |
| 1255  black | 1255  black | 1255  black | 1628  black | 1575  silver | 1575  silver | 1310  silver | 1558  black |
| DN-149 S | DN-150 E | DN-152 E | DN-155 E | DN-160 E | DN-165 E | DN-166 E | THORENS M-200E D-200 E |
| 1354  black | 1286  black | 1355  black | 1284  black | 1268  black | 1405  black | 1406  black | 1320  black |
| M-5 N-5 | M-5 P N-5 P | M-10 N-10 | M-10 P N-10 P | M-25 S N-25 S | M-25 SP N-25 SP | M-50 E N-50 E | M-50 EP N-50 EP |
| 1719  black | 1721  black | 1720  black | 1722  black | 1740  black | 1741  black | 1743  black | 1742  black |
| 305 STYLUS 305 | 310 STYLUS 310 | 320 STYLUS 320 | 520 STYLUS 520 | 530 STYLUS 530 | 540 STYLUS 540 | N-15 BC | |
| 1759  grey | 1760  grey | 1761  grey | 1762  black | 1763  black | 1764  black | 1757  green | |

BELANGRIJK! De CL-10; STYLUS-10; CL-20; STYLUS-20; CL-30; STYLUS-30 zijn vervangen door naalden met de aanduiding Stylus 10 NEW, STYLUS-20 NEW en STYLUS-30 NEW. Deze naalden met aanduiding "NEW" passen in zowel de oude als de nieuwe elementen. De oude naalden zonder aanduiding "NEW" passen niet in de nieuwe elementen.

IMPORTANT! The CL-10, STYLUS-10, CL-20, STYLUS-20, CL-30, STYLUS-30 have been superseded by needles with the mark STYLUS 10 NEW, STYLUS-20 NEW and STYLUS-30 NEW. These needles with the mark "NEW" on the box will fit the new as well as the old cartridge models. The old needles without the mark "NEW" on the box will not fit the new cartridges.

Tonar replacement types for: **OSAWA**

| | | | | | | | |
|--|--|--|--|--|---|---|---|
| OS-101 | OS-102 | OS-201 | OS-202 | OS-301 | OS-1001 | OS-2001 | OS-3001 |
| 1567  IM black /grey | 1570  grey | 1568  IM silver/grey | 1571  blue | 1569  IM gold/grey | 953  white | 953DE  blue | 953DE  blue |











Tonar replacement types for: **OTTO, See: SANYO**

Tonar replacement types for: **PANASONIC, See: NATIONAL**






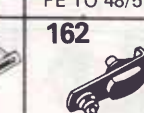
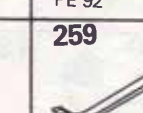



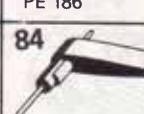
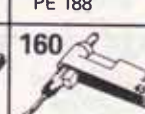
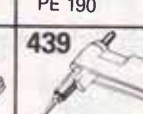





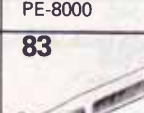
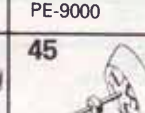
Tonar replacement types for: **PARAMOUNT**

| | | | | | | | |
|--|--|--|--|--|--|--|--|
| RF-20 | | | | | | | |
| 6175  | | | | | | | |

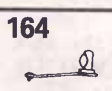
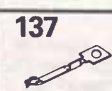
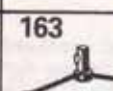
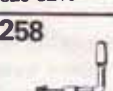
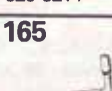
Tonar replacement types for: **PATHE MARCONI**

| | | | | | | | |
|--|--|--|---|--|---|---|--|
| 51 | 53 | MUCS; MCS | RC 5/6 | STC-7; STC-S; STC-41 | STEREO | ST-10 J | STC-2000 D |
| 154  | 155  | 240  | 156  | 157  | 158  | 771  black | 157  |
| | | T-H 5 S | T-H 5 E | | | | |
| 917  red | 885  transp. clear | 904  black | 904 DE  black | | | | |





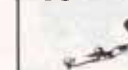

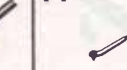








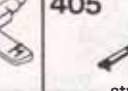

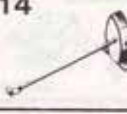
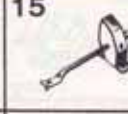
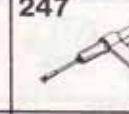

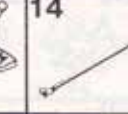
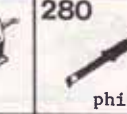








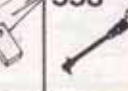






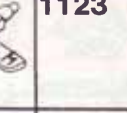
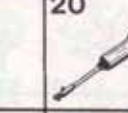






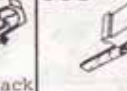

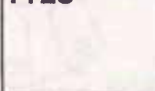


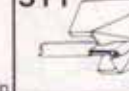

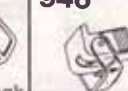









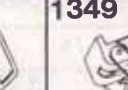






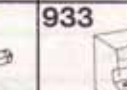
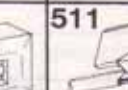


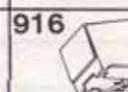



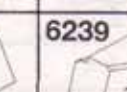
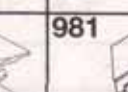
Tonar replacement types for: **PERPETUUM EBNER**

| | | | | | | | |
|---|---|--|---|---|--|---|---|
| CDS-650; CDS-651 | PE 5 | PE 8/10 | PE 12 | PE 30/90 | PE TO 48/51 | PE 92 | PE 180 US |
| 443  | 74  | 73  | 159  | 180  | 162  | 259  | 76  |
| PE 182 US | PE 184 US | PE 186 | PE 188 | PE 190 | 223/1 | 223/2; PE-192 | PE 194 |
| 80  | 78  | 84  | 160  | 439  | 356  | 357  | 464  |
| PE-3000 | PE-7000 | PE-8000 | PE-9000 | | | | |
| 443  | 161  | 83  | 45  | | | | |




















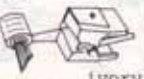
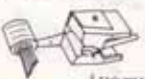
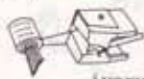
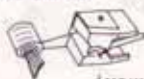











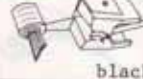

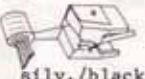
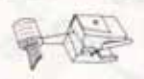


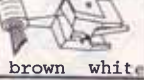

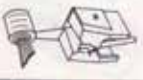

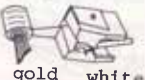
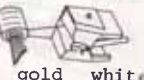










Tonar replacement types for: **PHILCO**

| | | | | | | | |
|---|---|---|---|---|--|--|--|
| 35-2682 | 35-2775 | 45-9612 | 325-8210 | 325-8214 | | | |
| 164  | 137  | 163  | 258  | 165  | | | |

Tonar replacement types for: **PHILIPS**

| | | | | | | | |
|---|---|---|---|--|--|---|--|
| AU 1010/1020 1030 | AG-3001 | AG-3010; 3012; AG-3013; 3015 | AG-3016 | AG-3019 | AG-3020; 3021 | AG-3025; 3026 | AG-3027 |
| 20  | 13  | 11  | 12  | 238  | 16  | 11  | 16  |
| AG-3052 | AG-3063; 3066 | AG-3109; 3113; AG-3114 | AG-3201; 3202 | AG-3201 (D) | AG-3221; 3222 | AG-3224; 3228; | AG-3229 |
| 17  | 14  | 11  | 18  | 21  | 18  | 20  | 405  stylus only |
| AG-3230 | AG-3304 | AG-3301; 3302; AG-3304; 3305 | AG-3306-1 | AG-3306; 3310 | AG-3308 | AG-3311 GP-311 | AG-3400 |
| 20  | 14  | 15  | 247  | 20  | 14  | 280  philitina | 19  |
| AG-3401; 3402 | AG-3404; 3407 AG-3408; 3409 | AG-3410 | AG-5001 | AG-5012; 5013 | GP-200 | GP-204; 205 | GP-212; 213 |
| 19  | 301  blue | 19  | 17  | 16  | 20  | 543  | 553  |
| GP-214 | GP-215 | GP-224 | GP-228 | GP-229 | GP-230 | GP-233 | GP-235 |
| 2061  orange | 2132  grey | 20  | 20  | 405-C  complete | 20  | 1123  | 20  |
| GP-300; 306; 310 | GP-316 | GP-330 | GP-331 | GP-350 | GP-351 | GP-370 | GP-371 |
| 20  | 12  | 994  black | 994 DE  black | 1403  black | 1404  black | 503  ivory | 582  green |
| GP-380 | GP-390 | GP-397 MK III | GP-400 | GP-400 MK II | GP-400 MK III | GP-401 | GP-401 MK II |
| 1123  | 1123  | 808  green | 511  grey | 534  black | 946  black | 511 DE  black | 534 DE  black |
| GP-401 MK III | GP-404 | GP-406 MK II | GP-406 MK III | GP-407; 408; 409 GP-410; 411 | GP-412 | GP-412 MK II | GP-412 MK III |
| 946 DE  black | 301  blue | 534 DE  black | 1332  grey | 301  blue | 534 DE  black | 534 DE  black | 1349  grey |
| GP-413 | GP-420 MK III | GP-421 | GP-422 | GP-422 MK II | GP-422 MK III | 499 | GP-500 |
| 534 DE  black | 1333  black | 534 DE  black | 534 ES  black | 534 ES  black | 1349  grey | 933  black | 511  grey |
| GP-500 MK II | GP-501 MK II | | | | | FP-772 | GP-780 |
| 534  black | 534 DE  black | 916  black | 6175  red | 6262  red | 6172  red | 6239  blue | 981  white |
| | | | | | | | |
| | | | | | | | |
















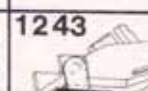

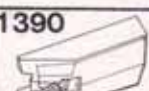








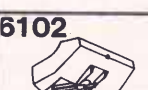

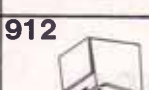

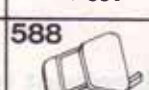
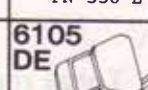
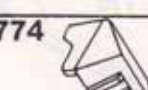

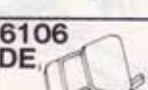
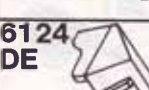
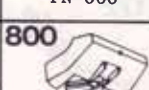
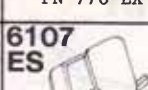
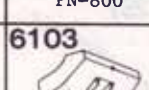
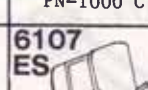

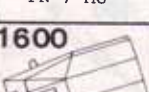
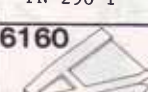
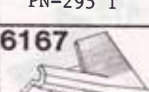
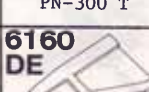
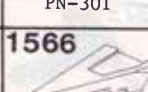
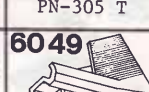
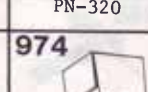
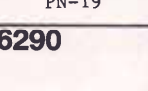
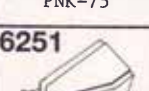
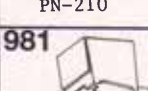
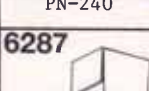
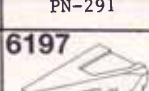
Tonar replacement types for: **PICKERING**

| | | | | | | | |
|---|---|---|--|--|--|---|--|
| 150 | 150 & Spring | Mark II T-guard | U-38/380 D-3807 A | U-38/380 D-3807 AT | U-38/380 D-3807 C | V-15/D-1507 AC V-15 P/AC | V-15/D-1500AC V-15 P/ACE |
| 166  | 167  | 168  red | 559  yellow | 362  black | 558  red | 501  orange | 501 DE  orange |
| V-15/D-1507 AM V-15 P/AM | V-15/D-1500AME V-15 P/AME | V-15/D-1507 AT V-15 P/AT | V-15/D-1500ATE V-15 P/ATE | V-15/ .6 Mil. | V-15/PD-07 T V-15 P/DT | V-15/PDE | V-15 series with brush |
| 539  gold | 539 DE  gold | 465  grey | 465 DE  grey | 275  black | 603  yellow | 604 DE  yellow | 547  red |
| V-15 E series with brush | D-IV AC V-15 MICRO AC | D-IV ACE V-15 MICRO ACE | D-IV AT V-15 MICRO AT | D-IV ATE V-15 MICRO ATE | D-IV AM V-15 MICRO AM | D-IV AME V-15 MICRO AME | D-150 DJ XV-15/150 DJ |
| 547 DE  red | 583  ivory | 583 DE  ivory | 583  ivory | 583 DE  ivory | 583  ivory | 583 DE  ivory | 1530  white |
| D-350 XV-15/350 | D-400 XV-15/400 E | D-625 XV-15/625 E | D-625 DJ XV-15/625 DJ | D-750 XV-15/750 E | D-757 S XV-15/757 S | D-1200 XV-15/1200 E | D-1800 S XV-1800 S |
| 546  black | 546 DE  black | 1166  gold | 1334  white | 1167  white | 1612  gold black | 1168  gold black | 1580  white |
| D-2000 Q UV-15/2000 Q | D-2400 Q UV-15/2400 Q | D-3000 XSV-3000 | D-3000 SP XSV-3000 SP | D-3000 XSP-3003 | D-3001 E | D-3500 E XLZ-3500 E | D-4000 XSV-4000 |
| 1170  black | 1171  black/copper | 1169  black | 1611  silv./black | 1169  silv./black | 1782  bronze/black | 1557  bronze/black | 1555  silv./black |
| D-4000 SP XSV-4000 SP | D-4000 XSP-4004 | D-4500 Q XUV/4500 Q | D-4500 S XLZ-4500 S | D-5000 XSV-5000 | D-5000 XSV-5000 U | D-7500 TLZ-7500 S | D-7500 XLZ-7500 S |
| 1610  brown white | 1555  silv./black | 1172  black | 1613  white | 1556  gold white | 1556  gold white | 1528  gold | 1528  gold |
| DLC TLC | DLE TLE | D-2E TLE MK II | DTL-1 TL-1 | DTL-2 E TL-2 E | DTL-2 S TL-2 S | DTL-3 S TL-3 | DTL-4 S TL-4 S |
| 1616  white | 1617  white | 1618  black | 6140 DE  white | 1620  white | 1621  white | 1622  white | 1623  white |

Tonar replacement types for: **PIEZO**

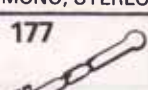

| | | | | | | | |
|--|--|--|---|---|--|---|---|
| MS-2;SMT-13 | MS-8 | SMT-29 | 03-40729 | SC-503 | STEREO | Y-100; Y-510 | Y-310 |
| 27  | 170  | 169  | 380  | 148  | 449  | 370  | 270  |
| Y-565;575;590 | Y-640 | Y-670 | Y-730 | Y-930 | Y-990 | Y-995 | YM-101 |
| 50  | 367  white | 646  green | 270  | 444  white | NO LONGER AVAILABLE | 506  ivory | 444  white |
| YM-114 | YM-118 | YM-121 | YM-122 | YM-123 | YM-124 | YM-125 | YM-127 |
| 607  white | 665  red | 753  black | 882  orange | 834  orange | 883  yellow | 890  black | 949  orange |
| YM-130 | YM-304 | YM-308 | YM-310 | YM-320 | YM-818 | AN-10 | |
| NO LONGER AVAILABLE black | NO LONGER AVAILABLE black | 734  black | 835  black | 891  black | 6130  green | 6072  black | |

Tonar replacement types for: **PIONEER**



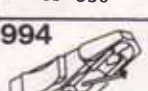
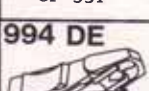
| | | | | | | | |
|---|---|--|---|---|---|--|--|
| PN-3 MC 1361  MC white/brown | PN-4 MC 1379  red | PN-5 MC 1387  grey | PN-6 MC 1388  white/red | PL-N6 296  white | PL-N9 395  white | PN-10; PN-11 396  grey | PN-12 324  red |
| PN-14 675  green | PN-15 320  red | PN-16 588  grey | PN-20 616  blue | PN-21 6104 ES  ivory IM | PN-30 591  red | PN-31 MC 1389  blue | PN-33 MC 1243  black |
| PN-35 574  yellow | PN-41 MC 1390  green | PN-50 597  purple IM | PN-K 65 953  white | PN-K 85 710  grey IM | PN-110 324  red | PN-110 MK II 797  black | PN-131 715  orange |
| PN-135 733  black | PN-150 838  yellow | PN-200 6102  light green | PN-220 851  grey | PN-230 912  green | PN-250 T 6224  black | PN-330 588  grey | PN-330 E 6105 DE  brown |
| PN-330 MK II 774  tr. green | PN-400 799  green | PN-550 E 6106 DE  red | PN-550 E MK II 6124 DE  tr. smoke | PN-600 800  yellow | PN-770 EX 6107 ES  black | PN-800 6103  white | PN-1000 C 6107 ES  black |
| PN-1000 MK II 6125 ES  tr. black | PN-7 MC 1600  grey | PN-290 T 6160  white IM | PN-295 T 6167  white | PN-300 T 6160 DE  grey | PN-301 1566  black | PN-305 T 6049  black | PN-320 974  yellow |
| PN-19 6290  grey | PNK-75 6251  yellow IM | PN-210 981  white | PN-240 6287  grey | PN-291 6197  grey | | | |

Tonar replacement types for: **PRINZ, See: SCHNEIDER**

Tonar replacement types for: **RADIOHM**

| | | | | | | | |
|---|---|--|--|--|--|--|--|
| MONO; STEREO 177  | CS-60; CM-71 350  | | | | | | |
|---|---|--|--|--|--|--|--|







Tonar replacement types for: **RADIOLA**

| | | | | | | | |
|--|---|--|---|--|--|--|--|
| GP-500 MK II 534  black | GP-501 MK II 534 DE  black | GP-330 994  black | GP-331 994 DE  black | | | | |
|--|---|--|---|--|--|--|--|

















Tonar replacement types for: **Q.E.D.**

| | | | | | | | |
|---|---|---|--|--|--|--|--|
| RAIA RP-20 diosa ellipt. | RAIA RP-40 nude ellipt. | RAIA RP-70 ogura vital | | | | | |
| 1708  tr. clear | 1710  tr. clear | 1712  tr. clear | | | | | |






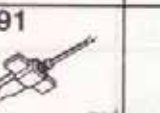
Tonar replacement types for: **RADIO SHACK**

| | | | | | | | |
|---|---|---|--|---|--|--|--|
| RT-1500 | RXT-4 | X-3 N-75 EC | RT-8500 | ATN-71 E | ATN-771 E | | |
| 6062  brown | 901DE  | 1679  brown | 6180  orange | 768 DE  green | 6316 DE  green | | |

Tonar replacement types for: **R.C.A.**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 104; 200; 108800 | 106969; 106770 106771 | 74068 | 75497 | 100020 A | 110020; 110022 | 115060 | 115061 |
| 173  | 297  | 171  | 172  | 261  | 174  | 175  | 176  |
| 115276; 115302/ 115303 | 115329 | 117330/118197 | 118199/118200 | 120695/122057 | 126566/7 | 131779/131780 | 131781/131788 |
| 260  | 298  | 273  | 305  | 413  | 419  | 466  | 467  |
| | | | | | | | |
| | | | | | | | |

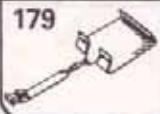
Tonar replacement types for: **REALISTIC**

| | | | | | | | |
|---|---|--|---|---|---|--|--|
| RT-1500 | RXT-4 | R-47 XT | AT-71 E | QLM-30 MK 3 | Clarinette 66 | | |
| 6062  brown | 901DE  | 1245  | 768 DE  green | 878  grey | 6191  red | | |

Tonar replacement types for: **RESON**

| | | | | | | | |
|---|--|--|--|--|--|--|--|
| 33; 78 | | | | | | | |
| 178  | | | | | | | |



Tonar replacement types for: **REUTER**

| | | | | | | | |
|--|--|--|--|--|--|--|--|
| N4; S1 | | | | | | | |
| 179  | | | | | | | |




Tonar replacement types for: **REVOX**

| | | | | | | | |
|--|--|--|--|--|--|--|--|
| PD-20 | Shure Tracer | | | | | | |
| 1329  black | 1753  black | | | | | | |
| | | | | | | | |

Tonar replacement types for: **REX (ZANUSSI)**

| | | | | | | | |
|--|---|--|--|--|--|--|--|
| 828  yellow | 934  black | | | | | | |
| | | | | | | | |
| | | | | | | | |


Tonar replacement types for: **RIGONDA**

| | | | | | | | |
|--|---|--|--|--|--|--|--|
| rigonda 123 | complete cartridge | 2163 | | | | | |
| 779  | 2163  | 436  | | | | | |




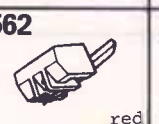

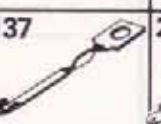
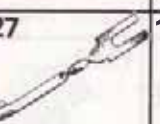
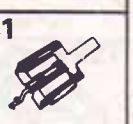


Tonar replacement types for: **RION**

| | | | | | | | |
|--|--|--|--|--|--|--|--|
| NP-01 D | | | | | | | |
| 379  | | | | | | | |













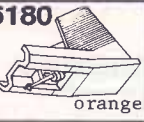
Tonar replacement types for: **ROELOFS**

| | | | | | | | |
|---|--|--|--|--|--|--|--|
| RD-121 | | | | | | | |
| 601  | | | | | | | |








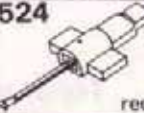



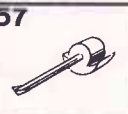

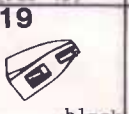


Tonar replacement types for: **RONETTE**

| | | | | | | | |
|---|--|---|--|---|--|--|---|
| BF 40 | CMT-102 | SC-107; SC-109 | SM-500/7 | TA 600 | TO 284 | TO 284 OE | TX 88 |
| 180  | 441  | 440  | 562  red | 241  | 137  | 27  | 181  |
| SC-103 | 107 (double) | | | | | | |
| 440  black | 6194  black | | | | | | |








Tonar replacement types for: **ROTEL**

| | | | | | | | |
|---|--|---|--|--|---|---|---|
| 2 RC-5 | 2 RC-3 | 2 RC-4 | 2 RN-5 | 2 RC 1 | SYSTEM 400 | RMC-7 AT-30 E | AT-51 E |
| 758  yellow | 573  brown | 888  red | 850  grey | 862  orange | 813  red | 1243  black | 904 DE  black |
| | | ATN-110 E | | RT-8500 | | | |
| 956  red | 981  white | 868  blue | DE 1603  black | 6180  orange | | | |




















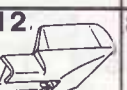







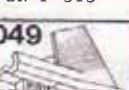

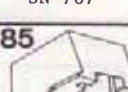

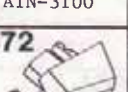
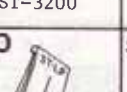
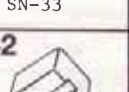

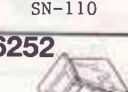
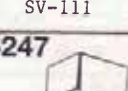

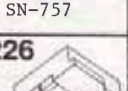
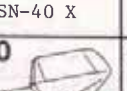
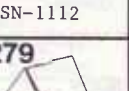
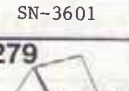
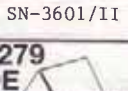
Tonar replacement types for: **SABA**

| | | | | | | | |
|--|--|--|--|--|---|--|--|
| ATX-11 E | CN-5431 (C-3000) | AT-3400 (PSP-240) | AT-12 E (PSP-244) | AT-13 EaV (PSP-248) | AT-71 (CSP-300) | ATN-12 ES (PSP-250) | C-2500 (RPC-1000) |
| 847 DE  grey | 832  red | 832  red | 748 DE  blue | 794 DE  orange/red | 795  red | 893 DE  fr. grey | 524  red |
| AT-3400 (PSP-100) | DISCO CENTRE | | STC-10 S | | OMB-5 (PSP-45) | | PSP-15 |
| 832  red | 157  | 904  black | 157  | 974  yellow | 1319  black | 904 DE  black | 917  red |


Tonar replacement types for: **SAMSUNG**

| | | | | | | | |
|--|--|---|--|---|--|--|--|
| LP-4 | 150; 350 | 4237 | VIP-550 | | | | |
| 956  red | 822  white | 813  red IM | 6240  violet | 6175  red | 974  yellow IM | 6241  orange | |






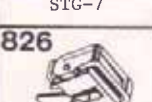


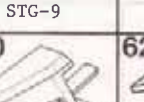
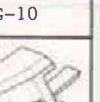
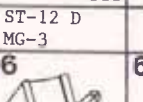
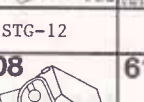
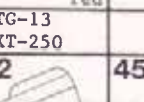
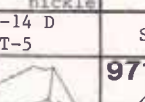
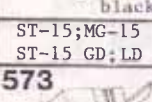
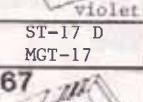
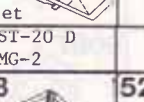
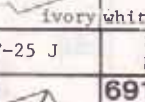
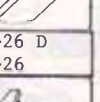
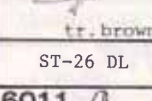
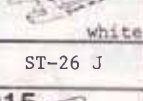
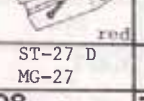
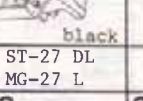
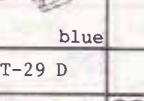
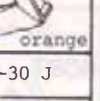
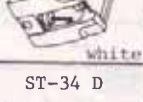
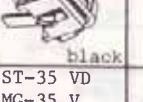
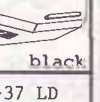
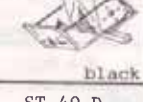

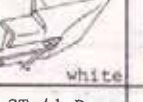









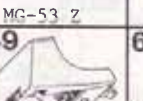


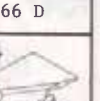
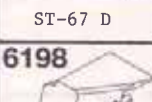
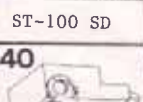
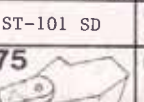
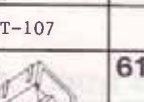
Tonar replacement types for: **SANSUI**

| | | | | | | | |
|---|--|--|--|--|---|---|---|
| ST-2 D | ST-3 | ST-6 D | ST-9 D | SN-10;SN-10 A | ST-10 D | SN-21; SN-22 | SN-23 |
| 6065  SN-24 | 269  SN-25;MCI-5 | 296  white MM | 6067  black | 513  transp. black | 399  white | 296  white | 399  white |
| 6067  MM | 538  green | 573  tr. brown | 689  black | 651  MM | 6061  red | 590  grey | 710  IM |
| SC-37 A; SN-70 | SN-41 | SN-42 | SN-43 | SN-44 | SN-45 | SN-50 | SN-60;SC-60 |
| 6010  IM | 712  orange | 713  tr. clear | 6112  purple | 823  black | 824  black | 825  orange | 877  MM |
| SN-70 SC-37 A | SN-80 SC-80 | SN-101 SV-101 | SN-202 | SN-303 | SN-P 313 | SN-505 | SN-P 515 |
| 6010  IM | 673  IM | 828  yellow | 898  yellow | 935  black | 6049  black | 961  grey | 6049  black |
| SN-707 | SN-909 | ATN-3100 | ST-3200 | SN-33 | SN-36 | SN-38 | SN-110 |
| 985  blue | 6060  black | 1372  black | 590  grey | 542  white | 6281  MM | 663  IM | 6252  tr. brown |
| SV-111 | SNP-212 | SN-757 | SN-40 X | SN-1112 | SN-3601 | SN-3601/II | |
| 6247  red | 6234  IM | 6226  red | 620 ES  grey | 6279  orange | 6279  orange | 6279 DE  orange | |


Tonar replacement types for: **SANWA**

| | | | | | | | |
|--|--|--|--|--|--|--|--|
| 9020 | | | | | | | |
| 767  white | | | | | | | |

























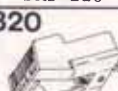







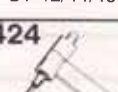
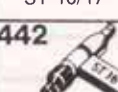
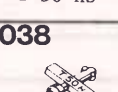

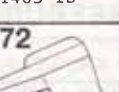

Tonar replacement types for: **SANYO**

| STA-1 D | STG-1 | STL-1 | STG-2 D ST-107 | ST-03 | ST-3 D | STA-3 D | STG-3 |
|---|--|--|--|---|--|--|---|
| 6096 DE  yellow | 578  black | 148  white | 822  white | 951  white | 50  | 781 DE  brown | 211  white |
| ST-4 D STL-40 T | ST-05 | ST-5 D MG-2 | STG-5 MGT-45 | ST-L 5D | ST-6;ST-6 D MGT-1 | STG-6 | ST-07 D |
| 787 NO LONGER AVAILABLE  white | 6175  red | 514  white | 801  black | 6050  l. blue | 367  white | 801  black | 6228  red |
| STG-7 | ST-8;42 K MGT-2 | ST-08 D | STG-8 | STG-9 | ST-09D STW-17 J | ST-10 D MGT-3 | STG-10 |
| 826  orange | 575  white | 6229  black | 813  red | 980  red | 6259  red | 536  nickel | 6282  blue |
| ST-10J;ST-11D MG-10;MG-10J | STG-11 | STM-11 MG-M 11 | ST-12 D MG-3 | STG-12 | STG-13 GXT-250 | ST-14 D MGT-5 | ST-15 J |
| 771  black | 6240  violet | 989  dark grey | 296  white | 6208  violet | 6172  red | 456  ivory | 971  white |
| ST-15;MG-15 ST-15 GD;LD | ST-17 D MGT-17 | MG 17-10 | ST-20 J | ST-20 D MG-2 | ST-25 D MG-25 | ST-25 J | ST-26 D MG-26 |
| 573  tr. brown | 767  white | 980  red | 954  black | 738  black | 526  blue | 542  white | 691  orange |
| ST-26 DL | ST-26 J | ST-27 D MG-27 | ST-27 DL MG-27 L | ST-28 D MG-28 | ST-29 D | ST-30 D MG-30 | ST-30 J |
| 6011  black | 915  white | 608  blue | 738  black | 663  red | 972  red | 633  red | 1243  black |
| ST-31 J | ST-34 D | ST-35 D | ST-35 VD MG-35 V | ST-36 D MG-36 | ST-36 VD | ST-37 D | ST-37 LD |
| 833  red | 6012  black | 851  grey | 571  white | 652  orange | 568  red | 382  blue | 6017  tr. dark blue |
| ST-38 D ATN-892 | ST-40 D | ST-40 DX MG-40 X | ST-41 D | ST-41 J | ST-41 ZD | ST-42 D | ST-43 ST-43 D |
| 928  black | 6149  orange | 694 ES 4-channel tr. brown  | 865  orange | 851  grey | 903  blue | 898  yellow | 771  black |
| ST-44 D | ST-44 J | ST-45 DX | ST-47 D | ST-48 D | ST-50 D | ST-50 D MG-50 | STP-50 J |
| 839  black | 6063  blue | 688 ES 4-channel blue  | 6199  black | 822  white | 951  white | 788  black | 393  black |
| ST-51 J | ST-51 D | ST-53 D | ST-53 ZD MG-53 Z | ST-55 D | ST-57 D | ST-63 D | ST-66 D |
| 406  red | 904  black | 849  brown | 849  brown | 6195 MM orange  | 6200  black | 760 DE  blue | 6164  red |
| ST-67 D | ST-100 SD | ST-101 SD | ST-102 S ST-102 SD | ST-103 SD | ST-107 | ST-140 | ST-170 GXT-170 |
| 6198  tr. black | 840  black | 975  black | 6036  black | 957  black | 822  white | 6172  red | 801  black |
| ST-707J GXT-210 | GXT-210 GXT-410 | STW-8J DN-239 | | ATN-750 | | STW-40 | all plastic |
| 6175  red | 6016  blue | 981  white | 6261  orange | 865  orange | 6064  orange | 6239  blue | 6068  grey |

Tonar replacement types for: **SATIN**


| | | | | | | | |
|---|--|--|--|--|--|--|--|
| 117 NS | | | | | | | |
| 1370  white | | | | | | | |

Tonar replacement types for: **SCHNEIDER**


| | | | | | | | |
|---|---|--|--|---|---|--|---|
| L-3 | L-4 | Q-4 | P-24 | SPP-26 | QLM-30 MK III | SPP-30' | T-30 MS |
| 1251  blue | 1400  blue | 1401  red | 940  tr.orange | 973  white | 1229  grey | 857 DE  tr.red | 948  blue |
| ULM-40 S | SP-60 N | SP-61 M | SP-62 M | ATN-70 | M-74 CS SBD-71 | KS-231 | DN-236 |
| 1281  black | 801  black | 801  black | 813  red | 795  red | 617  blue | 779  blue | 1311  black |
| DN-239 | | | | | DN-145 E | D-155-17 | DN-211 DMS-210 |
| 981  white | 920  white | 832  red | 651  MM black/white | 384  black | 970  | 750  | 732  |
| DN-221 DMS-220 | DN-242 DMS-242 E | DN-325 | MMD-340 | MMD-345 | MMD-360 E | CN-933 | KS-40 A |
| 820  | 821  | 387  | 2473*  | 2474*  | 2475*  | 676  | 462  |
| ST-12/14/15 | ST-16/17 | T-50 HS | | 1403 TS | | | |
| 424  | 442  | 6038  | 910  | 6172  red | 6175  red | | |
| | | | | | | | |
| | | | | | | | |

* = Complete cartridge only !







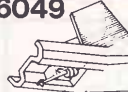



Tonar replacement types for: **SCHUMANN**

| | | | | | | | |
|---|--|--|--|---|---|---|---|
| FANFARE | HMV-1 | HMV-2 | SC-474 | SK 451 | SK 452 | SK 453 | SK 456; STK 494 |
| 182  | 390  | 391  | 153  | 183  | 184  | 185  | 186  |
| STC-480 | STC-485/486 | STC-487 | STC-488 | STK-490 | STK-495/1 | STC-481 | |
| 420  | 414  jupimatic | 493  black | 685  green | 152  | 239  | 391  | |


Tonar replacement types for: **SCIENTELEC**

| | | | | | | | |
|--|--|--|--|--|--|--|--|
| 1108  black | | | | | | | |
|--|--|--|--|--|--|--|--|






Tonar replacement types for: **SCOTT**

| | | | | | | | |
|--|---|---|---|---|---|--|---|
| 20 SC | 21 SC | 21 ASC | ATN-3482 P | | | | ATN-3660 YL |
| 956  red | 879  red | 966  red | 6126  yellow | 393  black | 758  yellow | 6049  black | 6203  yellow |
| 974  yellow | 6164  orange | | | | | | |


Tonar replacement types for: **SEARS**

| | | | | | | | |
|---|--|--|--|--|--|--|--|
| 910  white | | | | | | | |
|---|--|--|--|--|--|--|--|

Tonar replacement types for: **SEEBURG**

| | | | | | | | |
|--|---|--|--|---|--|--|--|
| JUKE BOX | MK II | R 150 | SHOWCASE | STEREO | | | |
| 188  blue | 168  red | 166  | 403  yellow | 187  turquoise | | | |



Tonar replacement types for: **SETTON**

| | | | | | | | |
|---|--|--|--|--|--|--|--|
| 322  black | | | | | | | |
|---|--|--|--|--|--|--|--|













Tonar replacement types for: **SHERTON**

| | | | | | | | |
|---|--|--|--|--|--|--|--|
| sherton | | | | | | | |
| 1455  | | | | | | | |

Tonar replacement types for: **SHARP**

| | | | | | | | |
|--|---|--|---|--|---|---|--|
| N-03 D | N-05 D; N-06 S | N-08 D | N-09 D | N-14 D | N-15 D | N-16 D | N-17 D |
| 544  | 296  white | 348  | 372  | 653  black | 6066  black | 653  black | 398  grey |
| N-20 D | STY-100 | STY-101 STY-111 | STY-102 | STY-103 | STY-104 | STY-105 | STY-107 |
| 571  white | 711  blue | 730  white | 702  blue | 712  orange | 651  MM black | 760  blue | 6047  tr. smoke |
| STY-113 | STY-114 | STY-115 | STY-116 | STY-117 | STY-118 | STY-120 | STY-121 |
| 148  | 710  IM silver | 758  yellow | 862  red | 822  white | 851  grey | 941  blue | 905  black |
| STY-122 | STY-123 | STY-124 | STY-127 | STY-128 | STY-129 | STY-130 | STY-131 |
| 992  MM blue | 916  black | 957  black | 956  red | 913  black | 393  black | 933  black | 989  grey |
| STY-132 | STY-133 | STY-134 | STY-135 RP-P8 | STY-136 RP-155 | STY-137 RP-255 | STY-138 | STY-139 |
| 934  black | 393  black | 148  | 6059  black | 6015  white | 6014  blue | 6037  blue | 393  black |
| STY-140 | STY-141 | STY-142 | STY-143 | STY-144 | STY-145 | STY-146 | STY-147; STY-148 STY-149 |
| 987  dark blue | 991  grey | 991  dark grey | 6148  MM grey | 6196  MM black | 6253  IM grey | 6175  red | 980  red |
| STY-150 | STY-202 | STY-213 | STY-450 | STY-451 ETC. | STY-550 | STY-555 | STY-701 |
| 6228  red | 571  white | 322  black | 653  black | 148  | 6083  green | 705  ivory | 660  green |
| STY-703 | STY-704 | STY-705 | STY-706 | STY-707 | STY-717 | STY-750 | STY-751 |
| 322  black | 456  white | 696  ivory | 641  black | 578  black | 681  black | 711  blue | 722ES  white |
| STY-752 | | RP-23; RP-35 | RP-50 | | SG-20 music centre | CN-2423 | STG-12 |
| 697  orange | 6064  orange | 987  blue | 6085  | 910  white | 956  red | 795  red | 6208  violet |
| DN-239 | SGF-10 | STY-112 | STY-155 | STY-158 | | | |
| 981  white | 6237  grey | 6288  MM blue | 6237  grey | 6259  red | 6228  red | | |

Tonar replacement types for: **SHERWOOD**

| | | | | | | | |
|--|--|---|--|---|---|--|---|
| AT-112 EP | MG-1710 | ATN-3472 EP | | | | | |
| 979DE  blue | 980  red | 581 DE  ivory | 6127 DE  green | 6016  blue | 904  black | 898  yellow | 917  red |
| ST-870 | | | OMB-5 | | | | |
| 974  yellow | 6049  black | 6084  red | 1494  black | | | | |


















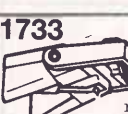





Tonar replacement types for: **SHURE**

| M-3 D | PC-6 WC-6 | M-7 D | M-8 D | PC-9 WC-38 | SPS series N-11 | SPS series N-12 | PC-12 WC-32 |
|---|--|---|---|--|---|---|--|
| 194  gold SPS series N-13 | 191  nickle SPS series N-14 | 245  silver PC-20;WC-20 | 284  M-21 D | 190  M-24 H | 6321 DE  brown M-31 E | 6322 DE  orange M-32 E | 193  M-33-5 |
| 6323 DE  tan M-33-7 | 6324 DE  blue SC-35 C SS-35 C | 196  SC-39 B | 195  gold SC-39 ED | 707 ES  gold PC-42 | 1037  yellow ML-44 PC-2 | 1080  red M-44-5 | 242  red |
| 243  white M-44-7 | 1067  blue M-44-C | 1272  beige M-44 C with guard | 1273  green M-44 G | 1274  orange M-44 E | 10  M-55-E | 192  nickle M-70 B | 267-5  red M-70 EJ |
| 267-7  white M-72 B | 360  blue M-72 EJ | 6020  light blue P-72 W-68 | 1059  M-71;M-75 6S M-75 6;M-75 MB | 1039  brown M-75 B type II | 274 DE  yellow M-75 G | 743  beige M-75 G type II | 744 DE  green M-75 C |
| 1304  beige M-75 E | 1305  green M-75 EJ type II | 189  M-75 ED type II | 387  beige M-77 | 518  beige M-81 MC | 386  grey M-91 G | 519  grey M-91 GD | 617  blue M-91 E |
| 385 DE  yellow M-91 ED | 517 DE  green M-92 G | 520 DE  black M-92 E(old) | 197  black M-92 E (new) | 617  blue M-93 E | 401  grey N-94 EP | 615  red M-95 G | 469 DE  black M-95 EJ |
| 623 DE  yellow M-95 ED | 472  grey M-95 HE | 474 DE  yellow Ne-95 ED Me-95 ED | 6097 DE  red N-96 LT | 500 DE  green M-97 B | 1638  blue grey M-97 EJ | 678  grey M-97 ED | 1221  green M-97 HE |
| 638 DE  yellow M-97 LT | 1218  black Me-97 HE Ne-97 HE | 1559  encore series M-99 E | 1729  yellow M-104 E | 901  black M-105 E | 1300  black M-110 HE | 901 DE  black M-111 HE | 901 ES  black M-120 HE |
| 6018  red M-140 HE | 6285 ES  NDC-EJ | 6098 DE  blue NDC-ED | 6099 DE  yellow SDS-1 | 1440  black SDS-3 NDC-HE | 6100 ES  white RXT-4 | 1442  red black N-15 | 1443  black red dot N-16 |
| 1444  black white dot NSM N-17 CM JUKEBOX NDL. | 1245  black NV-30 HE | 1246  black N-75 EC 3 X | 6019  N-75 HE/ II | 6327 ES  6326 ES  grey | 901 DE  6325 DE  green | 1753  black | |
| 605  blue | 6320 ES  black | 1679  brown | 6326 ES  grey | | | | |




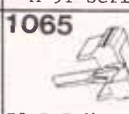


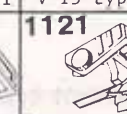

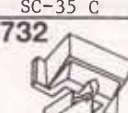

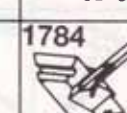

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Tonar replacement types for: **SHURE**





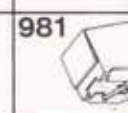


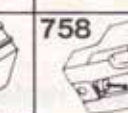






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| | | | | | | | |
|---|---|--|---|---|--|---|--|
| SS-40 DC-40 | SS-50 DC-50 | SS-60 DC-60 | SS-70 DC-70 | SS-80 DC-80 | SS-90 DC-90 | | VN-35 MR V-15 type III |
| 1745  red | 1746  blue | 1747  green | 1748  red | 1749  blue | 1750  green | | 1275  |
| VN-2 E V-15 type I | VN-15 E V-15 type II | VN-35 E V-15 type III | VN-35 HE V-15 type III | VN-45 HE V-15 type IV | VN-45 MR V-15 type IV | VN-45 LT V-15 LT | VN-5 HE V-15 type V-B |
| 1084  black | 567 DE  black | 584 DE  black | 584 ES  black | 798 DE  black | 1120  black | 1483  black | 6058 ES  black |
| VN-5 MR V-15 type V MR | V-15 type V P VN-5 P | ULTRA 300 S | ULTRA 400 S | ULTRA 500 S | VNSEP3HE VST III P | VNSE3HE VST III | VNSE5MR VST V |
| 1448  silver black | 1671  grey | 1733  red black | 1734  blue black | 1735  black | 1797  | 1798  | 1799  |







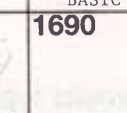

Tonar replacement types for: **SHURE - 78 RPM -**

| | | | | | | | |
|---|---|--|--|--|---|---|--|
| N-44 3 M-44;55 series | N-70 3 M-70;72 series | N-75 3 M-75 series | N-91 3 M-91 series | N-95 3 M-95 series | VN-78 E V-15 type III | VN-478 E V-15 type IV | VN-578 E V-15 type V |
| 1222  78 R.P.M. | 1098  78 R.P.M. | 1064  78 R.P.M. | 1065  78 R.P.M. | 1223  78 R.P.M. | 1122  78 R.P.M. | 1121  78 R.P.M. | 1057  78 R.P.M. |
| SS-78 E SC-35 C | N-78 E | | | | | N-32-3 | N-44-1 |
| 1732  78 R.P.M. | 1727  78 R.P.M. | | | | | 1784  78 R.P.M. | 1724  blue |


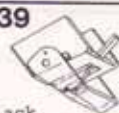








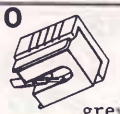

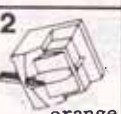








Tonar replacement types for: **SIEMENS**

| | | | | | | | |
|--|---|--|---|--|---|--|---|
| L-3 | AT-30 E | QLM-30 MK III | RW-150 | DN-239 | 555 | | |
| 1251  blue | 1243  black | 1229  grey | 898  yellow | 981  white | 794 DE  orange | 406  red | 758  yellow |
| | | RS-226 | | MMD-340 | | | |
| 760  blue | 813  red | 910  white | 974  yellow | 2473  | 6208  MM blue | | |




Tonar replacement types for: **SIGNET**

| | | | | | | | |
|--|---|---|---|--|--|--|---|
| TKN-3 EA TK-3 E | TKN-5 EA TK-5 E | TKN-7 EA TK-7 E | TK-7 SU | TK-9 LCA TKN-9 LCA | TKN-7 LCA TK-7 LC | MRN-05 BASIC | TKN-9 Ea |
| 1271  grey | 1200  blue/grey | 1201  brown | 1202  brown | 1597  gold | 1639  brown | 1690  | 1775  red |


Tonar replacement types for: **SILVER**

| | | | | | | | |
|---|--|--|---|---|--|---|--|
| SLU-30 956  red | SYSTEM 70 839  black | SYSTEM 70 813  red | SYSTEM 75 813  red | SS-85 813  red | SYSTEM 90 601  orange | SYSTEM 100 712  orange | SYSTEM 110 573  brown |
| SS-170 813  red | SYSTEM 200 710  IM grey | SS-250 710  IM grey | SS-270 813  red | SYSTEM 300 712  orange | SYSTEM 1500 573  brown | SS-3850 801  black | SL-5030 882  orange |
| SL-5050 753  black | S-8300 934  black | 673  red | SL-90 6015  white | SL-770 6259  red | | | |


Tonar replacement types for: **SINGER**

| | | | | | | | |
|--|--|--|--|--|--|--|--|
| PU-1300 272  | PU-1357 349  | PU-3012 381  | | | | | |
|--|--|--|--|--|--|--|--|






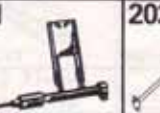






















Tonar replacement types for: **SONIC**

| | | | | | | | |
|---|--|--|--|--|--|--|--|
| S-10 C 725  orange | | | | | | | |
|---|--|--|--|--|--|--|--|

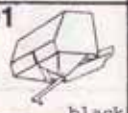

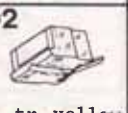

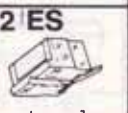


Tonar replacement types for: **SONICA**

| | | | | | | | |
|--|--|--|--|--|--|--|--|
| SK-58 C 792  tr. yellow | SK-20 s no longer available yellow | | | | | | |
|--|--|--|--|--|--|--|--|

Tonar replacement types for: **SONOTONE**

| | | | | | | | |
|---|---|--|--|---|--|--|--|
| 1 P 198  | 3 P 199  | 2 T 258  | 3 T 165  | 8 T; 8 TA 8 TA-77 200  | 9 T 201  | 12 T 202  | 14 T 180  |
| 16 T 205  | 18 T 244  | 20 T 207  | 21 T; 22 T; 23 T 208  | 25 T; 28 T 262  | 26 T; 27 T 209  | 32 T; 39 T 304  | 60 T 416  |
| 100 T 302  | 916 T 206  | 9 TA 271  | 21/24-TA 415  | 12 T-LA 203  | 12 T-HR 204  | 2109; 2509; 2539 435  | 2529 587  |
| 3509 462  | 3539 585  | 3559 586  | V-100; V-101 1093 black  | | | | |
















Tonar replacement types for: **SONOVOX**

| | | | | | | | |
|---|--|---|---|--|--|--|--|
| N-11 S 791  black | 50 S 790  blue | S-101 C 792  tr. yellow | S-101 E 792 DE  tr. red | S-101 SH 792 ES  tr. clear | SN-300 602  | TC-812 E 792 DE  tr. red | |
|---|--|---|---|--|--|--|--|

Tonar replacement types for: **SONTRA**

| | | | | | | | |
|---|--|--|--|--|--|--|--|
| SN-20 454  | | | | | | | |
|---|--|--|--|--|--|--|--|













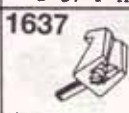





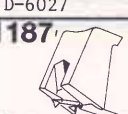





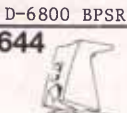






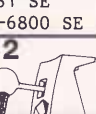

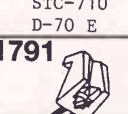
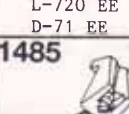
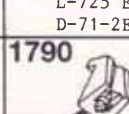
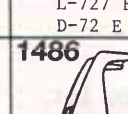
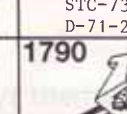
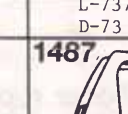
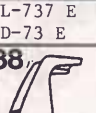
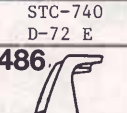
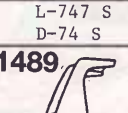
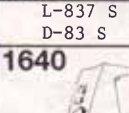
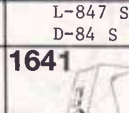
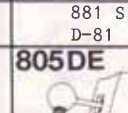
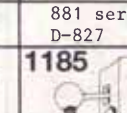
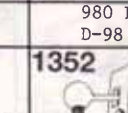
Tonar replacement types for: **SONUS**

| | | | | | | | |
|--|--|--|--|---|---|---|---|
| SR-202 1421  brown | BLACK A BLACK C 1422  white | SILVER E 1423  white | SILVER P 1424  white | BRONZE 1425  brown | GOLD BLUE 1426  white | SUPER BLUE 1427  blue | DIMENSION 5 1428  black |
| CLEAR E 6209 DE  clear | BLACK E 6210 DE  black | SMOKE E 6211 DE  smoke | BLACK BLC 6212 ES  black | BLACK NLC 6213 ES  black | GREEN/GOLD 1666  | RED/GOLD 1664  | |

Tonar replacement types for: **SONY**

| | | | | | | | |
|---|---|--|--|--|---|---|--|
| ND-MC1 E XL-MC 1 | ND-MM1 G XL-MM 1 | ND-MM2 E XL-MM 2 | ND-MC3 X XL-MC 3 | ND-MM3 X XL-MM 3 | ND-MC5 X XL-MC 5 | ND-5 G VL-5 | ND-7 E |
| 1452  red/silver | 6022  tr. orange | 6022 DE  tr. red | 1453  brown/silver | 6022 ES  black | 1478 MC  black silver | 848  blue | 848 DE  blue |
| ND-14 G VL-14 GS | ND-15 G XL-15; VL-15G | ND-15 GA XL-15 A | ND-20 G VC-20 | ND-ST 21 | ND-25 E XL-25; XL-25A | ND-30 E XL-30 | ND-35 E XL-35 |
| 773  orange | 731  orange | 731  orange | 1303  silver | 556  | 854 DE  grey | 881 DE  blue | 855 DE  tr. red |
| ND-45 E XL-45 E | ND-45 X XL-45 | ND-45 X II XL-45 II | ND-50 G VX-50 G | ND-50 X XL-50 | ND-60 G VX-60 G | ND-70 X XL-70 | ND-100 G VL-100 G |
| 765 DE  tr. purple | 754 ES  tr. purple |  | 742  orange | 6095 DE  orange | 807  red | 458 DE  tr. red | 727  green |
| ND-108 VM-8 GS | ND-111 E/112 E VC-8 E | NS-113 P VM-9 P | ND-114 P VM-10 P | ND-115 G VM-11 G | NS-116 P VX-12/13 | ND-117 P VM-15 P | ND-119 P VX-17 P ND-120 P VX-18 P |
| 816  red | 679  | 296  white | 531  red | 693  black | 148  | 498  orange | 497  green |
| ND-121 P VM-19 P | ND-124 P | ND-125 G VM-21G; 21P | ND-126 G VM-22 GA | ND-127 P VX-23 P | ND-128 P VX-24 P | ND-129 G VM-25 G | ND-130 G |
| 505  red | 499  red | 499  red | 496  black | 532  red | 316  black | 571  white | 323 ES  4-channel |
| ND-131 G VM-1200 G | ND-132 G VM-22G; VM-26G | ND-133 G VL-30 G | ND-134 VL-32 G | ND-134 G VL-34 G | ND-135 G VM-27 G | ND-136 G VL-33 G | ND-137 G VL-37 G |
| 635  blue | 612  black | 613  green | 662  red | 662 DE  yellow | 778  red | 795  red | 819  yellow |
| ND-138 G VL-38 GS | ND-139 G | ND-141 G VC-41 G | ND-142 G VL-42 G | ND-143 G VL-43 G | ND-144 G VL-44 G | ND-145 G VL-45 G | ND-147 |
| 832  red | 904  black | 1626 MC  red | 974  yellow | 977  tr. blue | 6165  lilac | 581  grey | 6064  orange |
| ND-150 | ND-150 G XL-150 | ND-156 G | ND-200 G XL-20 G | ND-200 E XL-20 | ND-220 G VL-20 | ND-250 G XL-250 G | ND-301 P |
| 902  green | 907  tr. red | | 919  tr. blue | 880 DE  blue | 863  red | 880  tr. red | 6170  |
| ND-333 E XL-333 | ND-500 E XL-500 E | ND-1500 XL-15; XL-25 | ND-40 E XL-40 | ND-10 G XL-10 | ND-142 GP | ND-142 EP | ND-142 EY |
| 1451  purple/black | 1454 MC  red silver | 1510 ND-15 black for classic ND-15 orange for jazz | 1479  tr. purple | 6145  white | 6155  pink | 6155 DE  pink | 974 DE  yellow |
| ND-148 G | ND-152 P | ND-153 G | ND-155 G | ND-250 E XL-250 E | ND-300 G XL-300 | | |
| 6208  blue | 6174  red | 957  black | 981  white | 6147  yellow | 6143  red | | |
| ND-MC 2 E XL-MC 2 | ND-MC 10 E XL-MC 10 | | | | | | |
| 1697 MC  red silver | 1632 MC  orange/black | | | | | | |

Tonar replacement types for: STANTON

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| mark V D-5 | E-7 S | LZ-8S; HZ-8S E-8 S | LZ-9S; HZ-9S E-9 S | 500 A D-5107 A | 500 AA D-5105 AA | 500 A/ II D-50 A | 500 E D-5100 E |
| 1713  black | 1642  tr. brown | 1581  black | 1551  black | 549  black | 549  black | 1653  blue | 549 DE  black |
| 500 E/II D-50 E | 500 EE D-5100 EE | 500 EE/ II D-50 EE | 500 AL D-5107 AL | L-500 AL D-57 P-AL | 500 EL D-5100 EL | 500 series D-5127 | 600 A D-6071 A |
| 1550  blue | 549 DE  black | 1654  blue | 1099  DISCO white | 1637  white | 1789  white | 1119  78 rpm | 964  black |
| 600 E D-6004 E | 600 EE D-6003 EE | 600 series D-6027 | 680 AL D-6800 AL | | 680 EL DISCO D-6800 EL | 680 SL DISCO D-6800 SL | 680 AMC D-6800 AMC |
| 964 DE  black | 964 DE  black | 1187  78 rpm | 1643  white | | 1188  white | 1350  white | 1552  black |
| 680 BPSM D-6800 BPSM | 680 BPSR D-6800 BPSR | 681 A D-6807 A | 681 E D-6800 E | 681 EE D-6800 EE | 681 EEE D-6800 EEE | 681 EEE/S D-6800 EEE/S | 681 EEE/S II D-6800 EEE/S II |
| 1553  black | 1644  black | 548  black | 548 DE  black | 548 DE  black | 669 DE  black | 1652  black | 1652  black |
| 681 SE D-6800 SE | 681 series D-6827 | STC-710 D-70 E | L-720 EE D-71 EE | L-725 E D-71-2E | L-727 E D-72 E | STC-730 D-71-2E | L-737 S D-73 S |
| 1112  black | 1184  78 rpm | 1791  black | 1485  black | 1790  black | 1486  tr. clear | 1790  black | 1487  tr. clear |
| L-737 E D-73 E | STC-740 D-72 E | L-747 S D-74 S | L-837 S D-83 S | L-847 S D-84 S | 881 S D-81 | 881 series D-827 | 980 LZS D-98 S |
| 1488  tr. clear | 1486  tr. clear | 1489  tr. clear | 1640  white | 1641  white | 805 DE  white | 1185  white | 1352  tr. clear |
| | | | | | | 78 R.P.M. | |




Tonar replacement types for: STARE

| | | | | | | | |
|---|--|--|--|--|--|--|--|
| 210  | | | | | | | |
|---|--|--|--|--|--|--|--|













Tonar replacement types for: STEEL NEEDLES

| | | | | | | | |
|---|--|--|--|--|--|--|--|
| IN BOX OF 200 PCS. | EDISON CILINDER | | | | | | |
| 999  | 6317  AMBEROLA | | | | | | |

Tonar replacement types for: SUPEX


| | | | | | | | |
|--|---|---|--|--|--|--|--|
| SM-38 | SM-38 E | SMM-5 | | | | | |
| 984  black | 984 DE  black | 6214  black | | | | | |

Tonar replacement types for: **SUPRAPHON / TESLA**










| | | | | | | | |
|---|--|---|---|---|--|---|--|
| KS-22 378  | VK-311/68317 450  | VK-4302 464  turnover | VM-2101 1052  black | JT-311 555  green | VK-4302 1066  single tip | JT-511 664  red | JT-411 761  yellow |
| E-100 1093  black | VK-4202 1066  | VK-051 27  | VM-2102 1599  black | | | | |

* Naald VK-4302 (T-naald) wordt geleverd als naald voor VK-4202 met gebruiksaanwijzingen.
The stylus for VK-4302 (T-Bar) is delivered identical to the stylus for the VK-4202 along with mounting instructions sheet.

Tonar replacement types for: **TANNOY**









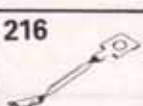


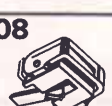







| | | | | | | | |
|---|--|--|--|--|--|--|--|
| MK-11 213  | | | | | | | |
|---|--|--|--|--|--|--|--|

Tonar replacement types for: **TEAC**










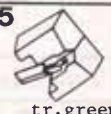


| | | | | | | | |
|---|---|---|--|---|--|--|--|
| 866  black | 909  black | 601  brown | PC-707; N-707 991  grey MM | PC-313 877  red | PCS-708 PC-708 6049  black | 898  yellow | 758  yellow |
| P-75 6259  MM red | | | | | | | |

Tonar replacement types for: **TECHNICS, See: NATIONAL**




Tonar replacement types for: **TELEFUNKEN**

| | | | | | | | |
|---|--|--|--|---|--|--|--|
| 2 TS 258  | 3 TS 165  | 8 TS 200  | A 20/1; T 20/1 217  | A 20/2; T 20/2 218  | A 23/1 311  | A 23/2; T 23/2 A 25/2; T 25/2 299  | A 200; T 200 219  |
| TTSA 216  | STYLUS-12 LMA-12 1318  | STYLUS-5 LMA-5 1319  | TM-500 608  blue | TM-600 A-600 D 781 DE  I.brown | ATN-72 895  brown | ATN-3410 898  yellow | 917  red |
| STYLUS 10 NEW OMB-10 1276  black | TM-400 526  blue | 904  black | | | | | |













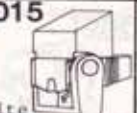

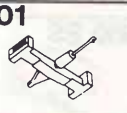


Tonar replacement types for: TELETON

| | | | | | | | |
|--|--|---|---|--|--|---|--|
| CMS-500/400/ 300 | DST-17/S-100 G; CS-400/401 | ATN-71 | MST-31 | MPC-7 | | MST-5 | MST-6 |
| 452  | 571  white | 758  yellow | 712  orange | 822  white | 801  | 661  grey | 822  white |
| N-1520 | MM-321 B | | | | | | |
| 6014  blue | 945  tr. green | 673  red | 974  yellow | | | | |

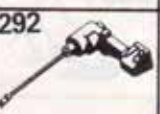

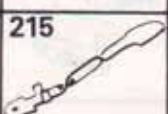
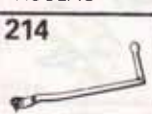

Tonar replacement types for: TENOREL

| | | | | | | | |
|--|---|--|--|--|--|--|--|
| T-2001 | T-2001 ED | T-2001 SD | | | | | |
| 622  white | 622 DE  black | 622 ES  | | | | | |

Tonar replacement types for: TENSAI






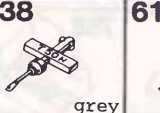
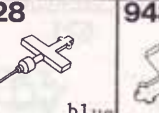

| | | | | | | | |
|---|---|--|---|---|--|--|---|
| | | | Jelco 9 A | | | | |
| 831  yellow | 712  orange | 637  red | 573  yellow | 813  red | 898  yellow | 934  black | 877  orange |
| L-3 | | L-4 | | | | MC-390 | MC-3750 |
| 1251  blue | 974  yellow | 6042  blue | 910  red | 6015  white | 917  red | 801  | 6175  red |
| 920  white | | | | | | | |

Tonar replacement types for: TEPPAZ













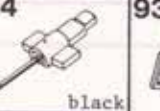



| | | | | | | | |
|---|---|---|---|---|--|--|--|
| ECO 60/423; 26 | MT-30 | STEREO | VISSEAU | JUPITER | | | |
| 292  | 446  | 215  | 214  | 557  | | | |

Tonar replacement types for: TESLA, See: SUPRAPHON



Tonar replacement types for: **TETRAD**

| | | | | | | | |
|---|--|--|---|---|--|--|---|
| T-5 H | T-2 MS T-2 MD | T-3 MS T-3 MD | T-12 MS T-12 MD | T-20 MS T-20 MD | T-50 HS | T Z-1 S T Z-1 D | T-30 MS T-30 MD |
| 874  grey | 875  white | 6002  blue | 6007  red | 6001  white | 6038  grey | 6128  blue | 948  blue |





Tonar replacement types for: **THOMPSON**

| | | | | | | | |
|--|--|--|---|---|--|---|--|
| L-4 | T-H 5 S | T-H 5 E | AT-10 | ATS-11 | ATS-11 E | ATN-12 XE | ATN-13 Ea |
| 1400  blue | 904  black | 904  black | 568  red | 677  yellow | 741  green | 781  brown | 794  orange |
| STC-100 D | STC-1000 D | | ATN-3721 | | | DN-105 | M-22 |
| 157  black | 157  black | 917  red | 831  yellow | 524  black | 935  black | 1529  black | 6242  yellow |









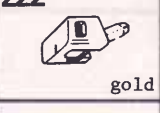




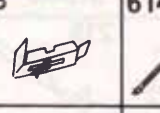







Tonar replacement types for: **THORENS**

| | | | | | | | |
|---|---|--|--|--|--|--|--|
| M-200 E D-200 E | LMB-12 | | | | | | |
| 1320  black | 1318  black | | | | | | |

Tonar replacement types for: **TONACORD**

| | | | | | | | |
|---|---|--|---|--|--|--|--|
| TM-1000 | TM-1000 S | TM-511 | TMC-100 | | | | |
| 815  5mV yellow | 550 ES  white | 664  red | 2521  black | | | | |

Tonar replacement types for: **TONAR**

| | | | | | | | |
|--|---|---|--|---|---|--|--|
| 5-POLE | 5-POLE-2 | JT-311 | JT-322 | NC 100; 202; 203 NC 505; 400; 400H | NC 202; 203; 400 NC 400H | NC-700 | NC-770 |
| 436  black | 20  black | 555  green | 550  white 4-channel | 27  black | 148  stereo | 494  black | 270  black |
| NM-11-A | NM-22 | NM-33 | NM-33-A | NM-66 | NR-1 | CDS-650 | 511 |
| 222  gold | 263  white | 296  white | 453  blue | 447  grey | 363  black | 614  black | 960  red |
| 511 BE | 555 | 611 | 611 BE | 711 MC | | | |
| 960 DE  yellow | 960 ES  black | 6176  white | 6177 DE  yellow | 2521  black | | | |



diamond styli

Tonar replacement types for: TETRAD

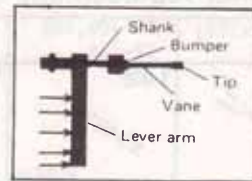
IMPORTANT POINTS ON TETRAD NEEDLES — All TETRAD needle models are very similar in construction. The shank portions vary only in the length of the metal vane and the position of the rubber coupler, or bumper. The scale drawings in the middle left side of each illustration block are exact size.

Although the major difference shown in each scale drawing is the length of the handle, there are many vital, significant differences. Engineering specifications such as the rubber flexibility, length and thickness of the tube and material composition are all factors in reproducing the full frequency cycle range, smooth response characteristics and good tonal qualities of sound reproduction.

To determine needle group needed, we suggest placing the old needle directly on the scale drawings until a match is found where shank, bumper, vane and lever-arm of drawing agree with actual needle. There may be a slight variation in length of a few thousandths of an inch, which does not affect playback performance.

Lever arm lengths are indicated by the letters A, B, C, D and E in the illustrations. Match the old needle lever arm to determine the arm length needed (A, B, C, D or E). If in doubt, it is advisable to purchase the "E" length and cut off a portion of the lever arm to fit.

PLEASE NOTE: All ALL-PLASTIC needles may be replaced by HIGH-COMPLIANCE METAL NEEDLES. The second column of TONAR numbers under the ALL-PLASTIC needle section gives you immediately the TONAR number of the HIGH-COMPLIANCE needle replacing the ALL-PLASTIC needle concerned.






















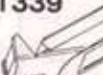



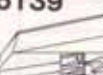


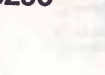


| HIGH COMPLIANCE NEEDLES | | | | TONAR NO. | | TURNOVER-ARM LENGTH | |
|-------------------------|---------|-------------------------------|---------------|-----------------------------|-------|---------------------|---------------|
| NEW | OLD | TETRAD NRS. | ILLUSTRATIONS | NEW | OLD | TETRAD NRS. | ILLUSTRATIONS |
| 281 | — | A 50; 60 A-0; B-0; C-0* | | 330 | — | 70 | |
| — | — | 51 | | 473 | A | 80 | |
| 327 | 332 | B 61 | | 335 | — | 71 | |
| — | — | A-1*; B-1; C-1* | | 373 | B | 81 | |
| 328 | 333 | C 53 63 | | 337 | — | 73 | |
| — | — | A-3*; B-3; C-3* | | 331 | C | 83 | |
| 266 | 294 | D 52 62 | | 336 | — | 72 | |
| — | — | A-2*; B-2; C-2* | | — | — | 82; 92 | |
| 329 | 334 | E 54 64 | | 338 | — | 74 | |
| — | — | A-4; B-4; C-4 | | 475 | E | 84 | |
| — | — | 20 | | 475 | — | 94 | |
| 319 | 324 | A 40 | | *ALL PLASTIC NEEDLES | | | |
| — | — | E-0; G-0 | | TONAR NO. | | TURNOVER-ARM LENGTH | |
| 317 | 21 | A | | All Plastic | H.C.* | TETRAD NO. | ILLUSTRATIONS |
| 221 | 282 | B 41 | | 481 | 327 | A A-1 | |
| — | — | 121 | | 483 | 328 | B A-3 | |
| — | — | E-1*; G-1* | | 482 | 266 | C A-2 | |
| 293 | 325 | C 43 | | 471 | 281 | A C-0 | |
| — | — | E-3*; G-3* | | 484 | 327 | B C-1 | |
| 320 | 22 | D 22 | | 486 | 328 | C C-3 | |
| 283 | — | E 42 | | 485 | 266 | D C-2 | |
| — | — | E-2*; G-2* | | 487 | 221 | A E-1 | |
| 321 | 326 | E 44 | | 489 | 293 | B E-3 | |
| — | — | E-4; G-4 | | 488 | 283 | C E-2 | |
| 295 | — | A 10 | | 490 | 221 | A G-1 | |
| 322 | 30 | B 30 | | 492 | 293 | B G-3 | |
| 220 | — | B 11 | | 491 | 283 | C G-2 | |
| 220 | 31; 111 | C 31; 111 | | Yellow | | | |
| 265 | — | C 13 | | Light blue | | | |
| 291 | 33 | D 33 | | Grey | | | |
| 264 | 316 | D 12 | | Grey | | | |
| — | — | 32 | | Grey | | | |
| 318 | — | E 14 | | Grey | | | |
| 323 | 34 | E 34 | | Grey | | | |




* Also available as All Plastic type.

* High Compliance replacement for All Plastic needle.

Tonar replacement types for: **TOSHIBA**

| | | | | | | | |
|---|---|--|---|--|--|--|---|
| TP-102;106; TP-114 | TP-102;106 TP-114 | N-2 C | N-3 C C-03 C;C-10C | N-4 CS C-07 | N-04 C C-04 C | N-6 C | N-6 L C-6 L |
| 27  | 148  stereo | 148  | 578  black | 296  white | 508  | 148  | 1474  tr. green |
| N-6 Z C-6 Z | N-11 C SM-280;290 | N-12 C C-26 M | N-13 C C-27 M | N-14 D | N-20 C | N-21 D | N-33 C C-911 |
| 1476  tr. purple | 456  white | 398  grey | 542  IM white | 571  white | 920  white | 910  red | 876  black |
| N-34 C;N-35 D C-34 M;C-35 M | N-40 C | N-44 | N-45 C C-45 M | N-50 C C-50 M | N-51 C | N-52 DY | N-53 DY |
| 887  red | 934  black | 6115  IM blue | 962  IM orange | 972  MM red | 972  MM red | 677  yellow | 568  red |
| N-55 DY | N-56 DY | N-57 DY | N-58 C C-58 M | N-59 DY | N-60 DY | N-62 C;N-63 D C-62 M;C-63 M | N-64 C C-64 M |
| 768  green | 915  grey | 768 DE  green | 804  tr. violet | 748 DE  blue | 925  tr. purple | 950  MM red | 963  IM red |
| N-66 C;N-67 D C-66 M;C-67 M | N-68 | N-69 D C-69 M | N-70 C | N-71 D C-71 M | N-72 D C-72 M | N-80 D C-80 MC | N-88 D C-88 MC |
| 950  MM red | 887  red | 6131  IM red | 925  tr. violet | 832  red | 935  black | 1373  red | 1407  green black |
| N-160 C C-160 M | N-210 C C-210 M | N-220 ME/X C-220 M | N-230 C C-230 M | N-250 C C-250 M | N-260 C C-260 M | N-280 C C-280 M | N-290 D |
| 862  orange | 826  red | 6116 ES  red | 826  red | 6047  smoke | 816  red | 6101  MM white | 6052  MM black |
| N-292 | N-300 C C-300 F | N-301 C C-301 F | N-310 C C-310 M | N-320 D C-320 M | N-330 D C-330 M | N-400 N-403 S-C | N-404 C-EX |
| 973  white | 570  | 508  | 944  orange | 914  tr. green | 914  tr. green | 1339  | 1348  |
| N-500 C C-500 | N-550 C C-550 M | | C-30 M | C-32 M | N-74 C C-74 M | N-74 DY | N-75 C C-75 M |
| 6129  tr. green | 373  tr. blue | 851  white | 6183  red | 6154  red | 6139  IM grey | 6139  | 6138  MM black |
| N-76 DY | N-293 DY | N-402 S-D | TP-116 SD | N-16 D | SR-V-22 | N-36 | N-37 C |
| 6138  black | 851  white | 1572  nickle | 6190  white | 917  red | 673  red | 6084  red | 6225  dark blue |
| N-61 | N-77 C | N-78 D | N-15 C | N-17 D | N-73 CY | N-501 C | |
| 951  whit | 6207  | 393  black | 6195  MM orange | | 6296  | 813  MM red | |

Tonar replacement types for: **TRIO**

| | | | | | | | |
|--|---|--|---|--|---|---|---|
| N-6 AT 296  white | N-11 758  yellow | N-15 0 MK II 803  white | NF-15 0 MK II 802  red | N-20 780  white | N-23 445  grey | N-25 654  1. grey | N-26 771  black |
| N-30 654  1. grey | N-31 655  black | N-32; N-33 571  white | N-34 541  white | N-35 686  brown/ silver | N-36 656  dark grey | N-37 657  red | N-38 325  scarlet |
| N-39 326  orange | N-39 MK II 958  black | N-39 MK III 829  black | N-40 323 ES  4-channel | N-41 677  yellow | N-42 323 ES  4-channel | N-43 658  blue | N-44 688 ES  4-channel |
| N-45 1493  MC | N-46 755  black | N-47 730  white | N-48 758  yellow | N-49 764  orange | N-50 908  black | N-51 E 908 DE  black | N-52 6008  blue |
| N-53/V-53 876  black | N-54 6021  blue | N-55 1408  MC | N-56; N-56 B 935  black | N-57 1407  green/black | N-58 6139  IM | N-59 6138  MM | N-60  |
| N-61 6204  MM | N-62; V-62 6183  red | N-63 6158  blue | N-64 393  black | N-64 C 393 DE  black | N-65 6249  green | N-66 6257  MM | N-67 6258  red |
| N-68 6283  blue | N-69 6259  MM | N-70 1586  red | N-71 6291  grey | N-72  | N-73  | N-74  | N-75  |





Tonar replacement types for: **TRIO TRACK**

| | | | | | | | |
|---|--|---|--|--|--|--|--|
| 72  red | 390  white | AC-100 239  | | | | | |
|---|--|---|--|--|--|--|--|











Tonar replacement types for: **UHER**

| | | | | | | | |
|--|--|--|--|---|---|---|--|
| 956  red | 832  red | 973  white | 6016  blue | 974  yellow | L-4 1251  blue | Q-4 1401  blue | MMD-345 2474  black |
|--|--|--|--|---|---|---|--|






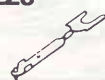





Tonar replacement types for: **UNITRA**

| | | | | | | | |
|--|--|---|--|--|--|--|--|
| MF-100 | MF-102 | UF-70 | | | | | |
| 622  white | 622  white | 6262  red | 311  white | | | | |

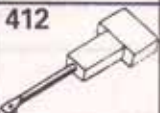







Tonar replacement types for: **U.P.O. 'S**

| | | | | | | | |
|---|--|---|---|--|---|--|--|
| | | | KP-20 | | | | |
| 6241  IM orange | 6239  MM blue | 6164  MM red | 6133  white | 6171  IM | 6173  MM yellow | 6196  MM black | 6253  IM grey |
| 6242  MM yellow | 6243  MM green | 6245  MM gold | 6240  IM violet | 6016  light blue | 6130  light green | 6051  white | 6234  IM red |
| 6172  red | 6174  red | 6175  red | 6259  MM red | 6228  MM red | 6229  IM black | 6258  MM red | 6260  MM blue |



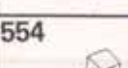







Tonar replacement types for: **VACO/LUXOR**

| | | | | | | | |
|---|---|---|---|--|--|---|---|
| M 50 | MS 8; SN 45 | S 45 | SN-65-75 | ST 20/40; ST 100 | ST 20/40 | STP 2 | T 45 |
| 226  | 227  | 224  | 278  | 27  | 223  | 148  stereo | 225  |
| TN-02H | TN-04 | TN-8 | | | | | |
| 279  | 417  | 421  | | | | | |






Tonar replacement types for: **VALKONA**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| KD-69 | CS-21; KS-23 | KSS-0162 | KSS-0163 | CN-24 | MS-16 | KS-231 | MS-27 D |
| 412  | 554  | 540  | 378  | 779  blue | 1179  | 779  | 1247  black |


Tonar replacement types for: **V.E.B.**

| | | | | | | | |
|---|---|---|---|---|--|---|---|
| KD-69 | KS-22 | CS-21; KS-23 | KSMU-0261 | KSS-0162 | KSS-0163 DS-262 | MS-8 | CN-24 |
| 412  | 378  | 554  | 448  | 540  | 378  | 308  | 779  blue |
| KS-231 | MS-27 D | | | | | | |
| 779  | 1247  black | | | | | | |

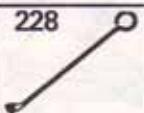

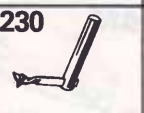
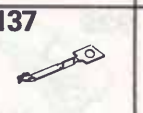
Tonar replacement types for: **VISONIK**

| | | | | | | | |
|---|--|--|---|--|--|--|--|
| YM-818 | | | | T-20 MS | | | |
| 6130  green | 851  white | 456  white | 910  | 6001  | | | |





Tonar replacement types for: **WALTHAM**

| | | | | | | | |
|---|--|--|--|--|--|--|--|
| T-30 MS | | | | | | | |
| 948  blue | | | | | | | |

Tonar replacement types for: **WEBSTER ELECTRIC**

| | | | | | | | |
|---|---|---|---|--|--|--|--|
| SC 1 | SC 3 | WE 14/15 | WE 57/58 | | | | |
| 228  | 229  | 230  | 137  | | | | |

Tonar replacement types for: **WEGA**

| | | | | | | | |
|--|--|---|---|--|--|--|--|
| | ATN-70 | MCN-42 | ND-139 G | | | | |
| 832  red | 795  red | 1243  black | 904  | | | | |

Tonar replacement types for: **WEHKAMP**

| | | | | | | | |
|---|--|--|--|--|--|--|--|
| KSMU-0261 | | | | | | | |
| 448  | | | | | | | |

Tonar replacement types for: **WILSON**

| | | | | | | | |
|---|---|--|--|--|--|--|--|
| 524 | 366 | | | | | | |
|  |  | | | | | | |

Tonar replacement types for: **YAMAHA**

| | | | | | | | |
|---------------------|----------|-------------------|-------------------------|-----------|-------------------|---------------------|---------------------|
| MC-101 | N-3000 | N-3500 N-4000 | N-4500; N-4500 MK II | N-5000 | N-5500 | N-6000 | N-6500 |
| NO LONGER AVAILABLE | 296 | 690 | 785 | 398 | 542 | NO LONGER AVAILABLE | 571 |
| MC | white | white | black | grey | white | | white |
| N-6600 | N-6600 S | N-6700 | N-6800 | N-6900 | N-7000 | N-7030 | N-7050; M-705 MC |
| 846 | 850 | 851 | 864 | 6113 | 716 | 1243 | 1372 |
| red | grey | grey | grey | dark grey | grey | black | black |
| N-7080; MC-708 | CG-7700 | N-7800 | N-7900 | N-8000 | N-8010; MC-801 | N-8100 | N-8200 |
| 1446 | 991 | 991 | 6114 DE | 929 | 976 | 6153 DE | 1685 |
| black | grey | grey | tr. ruby | black | black | black | blue |
| N-102 | N-103 | CG-8300 N-8300 | | | | | |
| 6148 | 980 | 6266 | | | | | |
| grey | red | tr. dk. grey/blue | | | | | |

Tonar replacement types for: **ZENITH**

| | | | | | | | |
|---------|-------------------|------------|--------|----------------|---------------|---------|---------|
| 142-185 | 142-76/77 | 142-80 | 142-90 | 142-126/128 | 142-136/141 | 142-150 | 142-167 |
| 6128 | 233 | 104 | 103 | 234 | 235 | 268 | 423 |
| blue | brown LP/78 | blue | red | | | | |
| S-15222 | S-15780 | S-11473 | 14271 | 14272 | 14273 | | |
| 231 DS | 231 DA | 231 DN | 232 DS | 232 DA | 232 DN | | |
| green | allplay green/red | red 78 rpm | blue | yellow allplay | purple 78 rpm | | |