



**CRYSTAL AND CERAMIC  
PHONOGRAPH PICKUPS AND CARTRIDGES**

**CATALOG No. 36**

**SHURE BROTHERS, INC.**

225 WEST HURON STREET  
CHICAGO 10, ILLINOIS

# CARTRIDGE REPLACEMENT CHART

| SHURE<br>MODEL NO.         | SHURE<br>REPLACEMENT | SHURE<br>MODEL NO.         | SHURE<br>REPLACEMENT | ASTATIC<br>MODEL NO.       | SHURE<br>REPLACEMENT | WEBSTER<br>MODEL NO.       | SHURE<br>REPLACEMENT |
|----------------------------|----------------------|----------------------------|----------------------|----------------------------|----------------------|----------------------------|----------------------|
| P30                        | W60B                 | P93E                       | W58HS                | L-73A                      | W58HS                | N2                         | W58A                 |
| P30B                       | W60A                 | P93MG                      | W53MG                | L-73AS                     | W58HS                | N3                         | W58A                 |
| P30C                       | W60B                 | P93S                       | W58A                 | L-73S                      | W58HS                | N4                         | W58A                 |
| P30D                       | W61B                 | P94                        | W57A                 | L-74                       | W58HS                | N5                         | W60B                 |
| P30E                       | W60HS                | P94B                       | W57A                 | L-74A                      | W58HS                | N6                         | W58A                 |
| P30G                       | W61B                 | P94E                       | W58HS                | L-74AS                     | W58HS                | N6P                        | W58A                 |
| P30HS                      | W60HS                | P95MG                      | W53MG                | L-74S                      | W58HS                | N6P-4                      | W58A                 |
| P30S                       | W61B                 | PC30                       | WC33B                | L-75                       | W58A                 | N7                         | W58A                 |
| P30W                       | W60A                 | PC72V                      | WC22AB               | L-75A                      | W58A                 | N7-1                       | W58A                 |
| P35                        | W56A                 | PN30                       | WC33B                | L-75AS                     | W58A                 | N7P                        | W58A                 |
| P35S                       | W56A                 | PN30S                      | WC33B                | L-75S                      | W58A                 | N7P-2                      | W58A                 |
| P37                        | W66B                 | PN31S                      | WC33B                | L-76                       | W58A                 | N8                         | W58A                 |
| P37A                       | W66B                 | PN88                       | W58HS                | L-76A                      | W58A                 | N8P                        | W58A                 |
| P37C                       | W66B                 | PN88S                      | W58HS                | L-76AS                     | W58A                 | N9                         | W58A                 |
| P37CA                      | W66B                 | PN89                       | W58HS                | L-76S                      | W58A                 | N10                        | W58A                 |
| P70                        | W23B                 | PN89D                      | W58HS                | L-82                       | W56A                 | N10P                       | W58A                 |
| P70A                       | W23B                 | PN89E                      | W58HS                | L-82A                      | W56A                 | N10P-1                     | W58A                 |
| P71                        | W26B                 | PN89S                      | W58HS                | L-92A                      | W58A                 | N11P                       | W58A                 |
| P71A                       | W26A                 | W21E                       | W21F                 | L-92-33                    | W53MG                | Q1                         | W61B                 |
| P71B                       | W26B                 | W21A                       | W31AR                | LP-6                       | W61B                 | Q2                         | W61B                 |
| P71C                       | W26B                 | W21AR                      | W31AR                | LP-21                      | W61B                 | X-82                       | W58A                 |
| P71CA                      | W26A                 | W23A                       | W23B                 | LP-23                      | W61B                 | X-82CH-1                   | W58A                 |
| P72                        | W22AB                | W40A                       | W59A                 | LT1-M                      | W61B                 | Y-82                       | W58A                 |
| P72A                       | W22A                 | W42A                       | W42B                 | LT1-MA                     | W61B                 | YN2                        | W58HS                |
| P72AF                      | W22AB                | W56PN                      | W58HS                | LT2-M                      | W61B                 | YN2-1                      | W58HS                |
| P72V                       | W22AB                | W57AN                      | W60A                 | LT2-MA                     | W61B                 |                            |                      |
| P73                        | W31AR                | W60PN                      | WC33B                | LT3-M                      | W60B                 |                            |                      |
| P73A                       | W31AR                | W65B                       | W56A                 | LT3-MA                     | W60B                 |                            |                      |
| P73AR                      | W31AR                | W65R                       | W56R                 | LT4-AG                     | W66B                 |                            |                      |
| P73R                       | W31AR                | W66A                       | W66B                 | LT4-M                      | W53MG                |                            |                      |
| P75                        | W21F                 | WC60B                      | WC33B                | MLP-1                      | W61B                 |                            |                      |
| P75A                       | W21F                 | 99-180                     | W59A                 | MLP-1J                     | W60A                 |                            |                      |
| P76                        | W22AB                | 99-181                     | W59A                 | MLP-2                      | W61B                 |                            |                      |
| P76A                       | W22A                 | 99-182                     | W42B                 | MLP-3                      | WC33B                |                            |                      |
| P76AF                      | W22AB                |                            |                      | Nylon 1-J-PN               | WC33B                |                            |                      |
| P76AFV                     | W22AB                |                            |                      | Nylon 1-M-PN               | WC33B                |                            |                      |
| P76AV                      | W22A                 |                            |                      | QC-J                       | WC33B                |                            |                      |
| P76V                       | W22AB                |                            |                      | QT-J                       | W60A                 |                            |                      |
| P77                        | W22AB                |                            |                      | QT-J-PN                    | WC33B                |                            |                      |
| P77A                       | W22A                 |                            |                      | QT-M                       | W61B                 |                            |                      |
| P77AV                      | W22AB                |                            |                      | QT2-M-PN                   | WC33B                |                            |                      |
| P77V                       | W22AB                |                            |                      | QT3-J                      | W60A                 |                            |                      |
| P79                        | W22AB                |                            |                      | QT3-JA                     | W60A                 |                            |                      |
| P79                        | W22AB                |                            |                      | QT3-M                      | W61B                 |                            |                      |
| P80                        | W21F                 |                            |                      | QT3-MA                     | W61B                 |                            |                      |
| P81                        | W26B                 |                            |                      | QT3-J-PN                   | WC33B                |                            |                      |
| P81A                       | W26A                 |                            |                      | QT3-M-PN                   | WC33B                |                            |                      |
| P81AD                      | W26B                 |                            |                      | 1-J                        | W60A                 |                            |                      |
| P81C                       | W26B                 |                            |                      | 1-M                        | W60B                 |                            |                      |
| P81CA                      | W26A                 |                            |                      |                            |                      |                            |                      |
| P81D                       | W26A                 |                            |                      |                            |                      |                            |                      |
| P81E                       | W26B                 |                            |                      |                            |                      |                            |                      |
| P85                        | W23B                 |                            |                      |                            |                      |                            |                      |
| P86R                       | W56R                 |                            |                      |                            |                      |                            |                      |
| P87                        | W57A                 |                            |                      |                            |                      |                            |                      |
| P87B                       | W57A                 |                            |                      |                            |                      |                            |                      |
| P87S                       | W58A                 |                            |                      |                            |                      |                            |                      |
| P88                        | W59A                 |                            |                      |                            |                      |                            |                      |
| P88S                       | W59A                 |                            |                      |                            |                      |                            |                      |
| P89                        | W56A                 |                            |                      |                            |                      |                            |                      |
| P89L                       | W56R                 |                            |                      |                            |                      |                            |                      |
| P89R                       | W56R                 |                            |                      |                            |                      |                            |                      |
| P89RE                      | W56R                 |                            |                      |                            |                      |                            |                      |
| P89S                       | W56A                 |                            |                      |                            |                      |                            |                      |
| P90B                       | W58A                 |                            |                      |                            |                      |                            |                      |
| P90C                       | W58A                 |                            |                      |                            |                      |                            |                      |
| P90D                       | W57A                 |                            |                      |                            |                      |                            |                      |
| P90HS                      | W58HS                |                            |                      |                            |                      |                            |                      |
| P90S                       | W58A                 |                            |                      |                            |                      |                            |                      |
| P92B                       | W58A                 |                            |                      |                            |                      |                            |                      |
| P93                        | W57A                 |                            |                      |                            |                      |                            |                      |
| P93B                       | W57A                 |                            |                      |                            |                      |                            |                      |
| P93C                       | W57A                 |                            |                      |                            |                      |                            |                      |
| P93D                       | W57A                 |                            |                      |                            |                      |                            |                      |
| ASTATIC<br>MODEL NO.       | SHURE<br>REPLACEMENT | ASTATIC<br>MODEL NO.       | SHURE<br>REPLACEMENT | ASTATIC<br>MODEL NO.       | SHURE<br>REPLACEMENT | ASTATIC<br>MODEL NO.       | SHURE<br>REPLACEMENT |
| AC-78-J                    | W23B                 | L-22A                      | W58A                 | A1                         | W22AB                | W-7500                     | WC33B                |
| AC-J                       | W31AR                | L-24A                      | W59A                 | AIM                        | W22AB                | W-7530                     | WC31AR               |
| AC-AG-J                    | W26B                 | L-25A                      | W58A                 | AIM-2                      | W22AB                | W-7540                     | WC33B                |
| ACD-J                      | W22A                 | L-26A                      | W42B                 | A7-8                       | W22AB-T              | W-7590-1                   | WC31AR               |
| ACD-2J                     | W22AB-T              | L-27A                      | W58A                 | A-7M1                      | W22AB-T              | W-7590-2                   | WC36B                |
| ACD-CJ                     | WC22AB               | L-32A                      | W58A                 | E4                         | W58A                 | W-7590-3                   | WC33B                |
| CAC-78-J                   | W23B                 | L-36A                      | W59A                 | E4-1                       | W58A                 |                            |                      |
| CAC-J                      | W31AR                | L-40A                      | W42B                 | E9                         | W58A                 |                            |                      |
| CQ-J                       | W31AR                | L-41A                      | W58A                 | F1P                        | W57A                 |                            |                      |
| GC-78-7                    | WC33B                | L-46A                      | W56A                 | F2P                        | W58A                 |                            |                      |
| GC-AG-M                    | WC36B                | L-50A                      | W56A                 | F3P                        | W57A                 |                            |                      |
| GC-J                       | WC31AR               | L-70                       | W58A                 | F4P                        | W58A                 |                            |                      |
| L-22A                      | W58A                 | L-70A                      | W58A                 | F5P                        | W57A                 |                            |                      |
| L-24A                      | W59A                 | L-70AS                     | W58A                 | F6P                        | W58A                 |                            |                      |
| L-25A                      | W58A                 | L-70S                      | W58A                 | F7P                        | W60B                 |                            |                      |
| L-26A                      | W42B                 | L-71                       | W58A                 | F7P-2                      | W60B                 |                            |                      |
| L-27A                      | W58A                 | L-71A                      | W58A                 | F10P1                      | W61B                 |                            |                      |
| L-32A                      | W58A                 | L-71AS                     | W58A                 | F12                        | W53MG                |                            |                      |
| L-36A                      | W59A                 | L-71S                      | W58A                 | F13M                       | W53MG                |                            |                      |
| L-40A                      | W42B                 | L-72                       | W56A                 | GX-82                      | W58A                 |                            |                      |
| L-41A                      | W58A                 | L-72A                      | W56A                 | N1-N                       | W58A                 |                            |                      |
| L-46A                      | W56A                 | L-72AS                     | W56A                 |                            |                      |                            |                      |
| L-50A                      | W56A                 | L-72S                      | W56A                 |                            |                      |                            |                      |
| L-70                       | W58A                 | L-73                       | W58HS                |                            |                      |                            |                      |
| L-70A                      | W58A                 |                            |                      |                            |                      |                            |                      |
| L-70AS                     | W58A                 |                            |                      |                            |                      |                            |                      |
| L-70S                      | W58A                 |                            |                      |                            |                      |                            |                      |
| L-71                       | W58A                 |                            |                      |                            |                      |                            |                      |
| L-71A                      | W58A                 |                            |                      |                            |                      |                            |                      |
| L-71AS                     | W58A                 |                            |                      |                            |                      |                            |                      |
| L-71S                      | W58A                 |                            |                      |                            |                      |                            |                      |
| L-72                       | W56A                 |                            |                      |                            |                      |                            |                      |
| L-72A                      | W56A                 |                            |                      |                            |                      |                            |                      |
| L-72AS                     | W56A                 |                            |                      |                            |                      |                            |                      |
| L-72S                      | W56A                 |                            |                      |                            |                      |                            |                      |
| L-73                       | W58HS                |                            |                      |                            |                      |                            |                      |
| WEBSTER<br>MODEL NO.       | SHURE<br>REPLACEMENT | WEBSTER<br>MODEL NO.       | SHURE<br>REPLACEMENT | WEBSTER<br>MODEL NO.       | SHURE<br>REPLACEMENT | WEBSTER<br>MODEL NO.       | SHURE<br>REPLACEMENT |
| A1                         | W22AB                | W-7500                     | WC33B                | 74067                      | W31AR                |                            |                      |
| AIM                        | W22AB                | W-7530                     | WC31AR               | 74625                      | W31AR                |                            |                      |
| AIM-2                      | W22AB                | W-7540                     | WC33B                | 75476                      | W31AR                |                            |                      |
| A7-8                       | W22AB-T              | W-7590-1                   | WC31AR               | A-988370-1                 | W21F                 |                            |                      |
| A-7M1                      | W22AB-T              | W-7590-2                   | WC36B                |                            |                      |                            |                      |
| E4                         | W58A                 | W-7590-3                   | WC33B                |                            |                      |                            |                      |
| E4-1                       | W58A                 |                            |                      |                            |                      |                            |                      |
| E9                         | W58A                 |                            |                      |                            |                      |                            |                      |
| F1P                        | W57A                 |                            |                      |                            |                      |                            |                      |
| F2P                        | W58A                 |                            |                      |                            |                      |                            |                      |
| F3P                        | W57A                 |                            |                      |                            |                      |                            |                      |
| F4P                        | W58A                 |                            |                      |                            |                      |                            |                      |
| F5P                        | W57A                 |                            |                      |                            |                      |                            |                      |
| F6P                        | W58A                 |                            |                      |                            |                      |                            |                      |
| F7P                        | W60B                 |                            |                      |                            |                      |                            |                      |
| F7P-2                      | W60B                 |                            |                      |                            |                      |                            |                      |
| F10P1                      | W61B                 |                            |                      |                            |                      |                            |                      |
| F12                        | W53MG                |                            |                      |                            |                      |                            |                      |
| F13M                       | W53MG                |                            |                      |                            |                      |                            |                      |
| GX-82                      | W58A                 |                            |                      |                            |                      |                            |                      |
| N1-N                       | W58A                 |                            |                      |                            |                      |                            |                      |
| ELECTRO-VOICE<br>MODEL NO. | SHURE<br>REPLACEMENT | ELECTRO-VOICE<br>MODEL NO. | SHURE<br>REPLACEMENT | ELECTRO-VOICE<br>MODEL NO. | SHURE<br>REPLACEMENT | ELECTRO-VOICE<br>MODEL NO. | SHURE<br>REPLACEMENT |
| 10                         | W61B                 | 10                         | W61B                 | 10                         | W61B                 | 10                         | W61B                 |
| 14                         | W31AR                | 14                         | W31AR                | 14                         | W31AR                | 14                         | W31AR                |
| 32                         | W23B                 | 32                         | W23B                 | 32                         | W23B                 | 32                         | W23B                 |
| 33                         | W26B                 | 33                         | W26B                 | 33                         | W26B                 | 33                         | W26B                 |
| 33-4                       | W26B                 | 33-4                       | W26B                 | 33-4                       | W26B                 | 33-4                       | W26B                 |
| 34S                        | W31AR                | 34S                        | W31AR                | 34S                        | W31AR                | 34S                        | W31AR                |
| 50                         | W42H                 | 50                         | W42H                 | 50                         | W42H                 | 50                         | W42H                 |
| 60                         | W42H                 | 60                         | W42H                 | 60                         | W42H                 | 60                         | W42H                 |
| H12                        | W56A                 | H12                        | W56A                 | H12                        | W56A                 | H12                        | W56A                 |
| H12-S                      | W56A                 | H12-S                      | W56A                 | H12-S                      | W56A                 | H12-S                      | W56A                 |
| L12                        | W60B                 | L12                        | W60B                 | L12                        | W60B                 | L12                        | W60B                 |
| L12-S                      | W60A                 | L12-S                      | W60A                 | L12-S                      | W60A                 | L12-S                      | W60A                 |
| M12                        | W60B                 | M12                        | W60B                 | M12                        | W60B                 | M12                        | W60B                 |
| M12-S                      | W60A                 | M12-S                      | W60A                 | M12-S                      | W60A                 | M12-S                      | W60A                 |
| AMERICAN<br>MODEL NO.      | SHURE<br>REPLACEMENT | AMERICAN<br>MODEL NO.      | SHURE<br>REPLACEMENT | AMERICAN<br>MODEL NO.      | SHURE<br>REPLACEMENT | AMERICAN<br>MODEL NO.      | SHURE<br>REPLACEMENT |
| CR1                        | W59A                 | CR1                        | W59A                 | CR1                        | W59A                 | CR1                        | W59A                 |
| CR1A                       | W59A                 | CR1A                       | W59A                 | CR1A                       | W59A                 | CR1A                       | W59A                 |
| CR2                        | W58A                 | CR2                        | W58A                 | CR2                        | W58A                 | CR2                        | W58A                 |
| CR2A                       | W58A                 | CR2A                       | W58A                 | CR2A                       | W58A                 | CR2A                       | W58A                 |
| CR3                        | W61B                 | CR3                        | W61B                 | CR3                        | W61B                 | CR3                        | W61B                 |
| CR3A                       | W61B                 | CR3A                       | W61B                 | CR3A                       | W61B                 | CR3A                       | W61B                 |
| CR4                        | W56A                 | CR4                        | W56A                 | CR4                        | W56A                 | CR4                        | W56A                 |
| CR4A                       | W56A                 | CR4A                       | W56A                 | CR4A                       | W56A                 | CR4A                       | W56A                 |
| PNM                        | W58HS                | PNM                        | W58HS                | PNM                        | W58HS                | PNM                        | W58HS                |
| PNMA                       | W58HS                | PNMA                       | W58HS                | PNMA                       | W58HS                | PNMA                       | W58HS                |
| S1                         | W61B                 | S1                         | W61B                 | S1                         | W61B                 | S1                         | W61B                 |
| S1A                        | W61B                 | S1A                        | W61B                 | S1A                        | W61B                 | S1A                        | W61B                 |
| S2                         | W61B                 | S2                         | W61B                 | S2                         | W61B                 | S2                         | W61B                 |
| S2A                        | W61B                 | S2A                        | W61B                 | S2A                        | W61B                 | S2A                        | W61B                 |
| TITONE<br>MODEL NO.        | SHURE<br>REPLACEMENT | TITONE<br>MODEL NO.        | SHURE<br>REPLACEMENT | TITONE<br>MODEL NO.        | SHURE<br>REPLACEMENT | TITONE<br>MODEL NO.        | SHURE<br>REPLACEMENT |
| W-7500                     | WC33B                | W-7500                     | WC33B                | W-7500                     | WC33B                | W-7500                     | WC33B                |
| W-7530                     | WC31AR               | W-7530                     | WC31AR               | W-7530                     | WC31AR               | W-7530                     | WC31AR               |
| W-7540                     | WC33B                | W-7540                     | WC33B                | W-7540                     | WC33B                | W-7540                     | WC33B                |
| W-7590-1                   | WC31AR               | W-7590-1                   | WC31AR               | W-7590-1                   | WC31AR               | W-7590-1                   | WC31AR               |
| W-7590-2                   | WC36B                | W-7590-2                   | WC36B                | W-7590-2                   | WC36B                | W-7590-2                   | WC36B                |
| W-7590-3                   | WC33B                | W-7590-3                   | WC33B                | W-7590-3                   | WC33B                | W-7590-3                   | WC33B                |
| RCA<br>MODEL NO.           | SHURE<br>REPLACEMENT | RCA<br>MODEL NO.           | SHURE<br>REPLACEMENT | RCA<br>MODEL NO.           | SHURE<br>REPLACEMENT | RCA<br>MODEL NO.           | SHURE<br>REPLACEMENT |
| 74067                      | W31AR                | 74067                      | W31AR                | 74067                      | W31AR                | 74067                      | W31AR                |
| 74625                      | W31AR                | 74625                      | W31AR                | 74625                      | W31AR                | 74625                      | W31AR                |
| 75476                      | W31AR                | 75476                      | W31AR                | 75476                      | W31AR                | 75476                      | W31AR                |
| A-988370-1                 | W21F                 | A-988370-1                 | W21F                 | A-988370-1                 | W21F                 | A-988370-1                 | W21F                 |

THE SHURE CRYSTAL PICKUP CARTRIDGES listed above have response characteristics and output voltages which furnish equal or superior performance to other models shown. Mechanical fit is assured.

# CRYSTAL AND CERAMIC PICKUP CARTRIDGES

# SHURE

All Shure Replacement Cartridges have been painstakingly designed and engineered to meet the most exacting specifications. Each has been designed to meet certain specific requirements, such as high output, extended range, high compliance, and maximum tracking. For the finest in standard 78 RPM, fine-groove, or all-purpose replacement cartridges, see the charts below which furnish complete data on the popular Shure "Vertical Drive," "Lever-Type," "Muted Stylus," and "Direct Drive" Cartridges.

## FINE GROOVE CARTRIDGES FOR 33 1/3, 45 RPM RECORDS

| MODEL NO. | ILLUSTRATION | TYPE    | LIST PRICE | OUTPUT LEVEL | MIN. NEEDLE FORCE | RESPONSE TO   | NET WT.     | SHURE NEEDLE NO. | CODE  |
|-----------|--------------|---------|------------|--------------|-------------------|---------------|-------------|------------------|-------|
| W21F*     | Fig. C       | Crystal | \$7.75     | 1.5V         | 6 grams           | 10,000 c.p.s. | 4 1/2 grams | A63MG            | RUGEX |
| W31AR     | Fig. A       | Crystal | 6.50       | 2.1V         | 7 grams           | 7,500 c.p.s.  | 5 1/2 grams | A53MG            | RUGEB |
| WC31AR    | Fig. A       | Ceramic | 6.50       | .65V         | 7 grams           | 7,500 c.p.s.  | 5 1/2 grams | A53MG            | RUGED |
| W53MG     | Fig. E       | Crystal | 8.50       | 1.3V         | 6 grams           | 8,500 c.p.s.  | 12 grams    | A64MG            | RUGET |



Fig. A  
"Direct Drive"

## TURNOVER CARTRIDGES FOR 33 1/3, 45, AND 78 RPM RECORDS

| MODEL NO. | ILLUSTRATION | TYPE    | LIST PRICE | OUTPUT LEVEL |      | MIN. NEEDLE FORCE | RESPONSE TO   | NET WT.     | SHURE NEEDLE NO. |      | CODE  |
|-----------|--------------|---------|------------|--------------|------|-------------------|---------------|-------------|------------------|------|-------|
|           |              |         |            | MG           | STD. |                   |               |             | MG               | STD. |       |
| W22A      | Fig. B       | Crystal | \$10.50    | 1.2V         | 1.4V | 8 grams           | 10,000 c.p.s. | 4 1/2 grams | A65MG            | A61A | RUVAL |
| W22AB     | Fig. B       | Crystal | 9.50       | 1.2V         | 1.4V | 8 grams           | 10,000 c.p.s. | 4 1/2 grams | A65MG            | A62A | RUVAX |
| WC22AB    | Fig. B       | Ceramic | 9.50       | .21V         | .18V | 9 grams           | 10,000 c.p.s. | 5 grams     | A65MG            | A62A | RUVUC |



Fig. B  
"Vertical Drive"  
(Turnover)

## ALL PURPOSE SINGLE NEEDLE CARTRIDGES FOR 33 1/3, 45, 78 RPM RECORDS

| MODEL NO. | ILLUSTRATION | TYPE    | LIST PRICE | OUTPUT LEVEL |      | MIN. NEEDLE FORCE | RESPONSE TO  | NET WT.     | SHURE NEEDLE NO. | CODE  |
|-----------|--------------|---------|------------|--------------|------|-------------------|--------------|-------------|------------------|-------|
|           |              |         |            | MG           | STD. |                   |              |             |                  |       |
| W26A      | Fig. C       | Crystal | \$8.50     | .87V         | 1.0V | 8 grams           | 8,000 c.p.s. | 4 1/2 grams | A67U             | RUVUP |
| W26B      | Fig. C       | Crystal | 7.50       | .87V         | 1.0V | 8 grams           | 8,000 c.p.s. | 4 1/2 grams | A66U             | RUVUM |
| W36B      | Fig. A       | Crystal | 6.50       | 2.3V         | 2.5V | 9 grams           | 7,000 c.p.s. | 5 1/2 grams | A56U             | RUGEN |
| WC36B     | Fig. A       | Ceramic | 6.50       | .6V          | .7V  | 9 grams           | 7,000 c.p.s. | 5 1/2 grams | A56U             | RUGER |
| W66B      | Fig. D       | Crystal | 7.50       | 2.0V         | 2.3V | 8 grams           | 4,500 c.p.s. | 12 grams    | A66U             | RUSUN |



Fig. C  
"Vertical Drive"  
(Single Needle)

## STANDARD CARTRIDGES FOR 78 RPM RECORDS

| MODEL NO. | ILLUSTRATION | TYPE              | LIST PRICE | OUTPUT LEVEL | MIN. NEEDLE FORCE | RESPONSE TO   | NET WT.     | SHURE NEEDLE NO. | CODE  |
|-----------|--------------|-------------------|------------|--------------|-------------------|---------------|-------------|------------------|-------|
| W23B      | Fig. C       | Crystal           | \$7.75     | 1.1V         | 6 grams           | 8,000 c.p.s.  | 4 1/2 grams | A62A             | RUVER |
| WC33B     | Fig. A       | Ceramic           | 6.50       | .75V         | 9 grams           | 7,000 c.p.s.  | 5 1/2 grams | A52A             | RUGEL |
| W42B      | Fig. E       | Crystal           | 4.45       | 1.3V         | 1 oz.             | 5,000 c.p.s.  | 25 grams    | None             | RUGUB |
| W42H      | Fig. E       | Crystal           | 4.45       | 3.5V         | 1 oz.             | 5,000 c.p.s.  | 25 grams    | None             | RUGUT |
| W56A      | Fig. E       | Crystal           | 6.65       | 4.3V         | 1 1/8 oz.         | 6,000 c.p.s.  | 12 grams    | None             | RUGUS |
| W56R**    | Fig. E       | Crystal           | 7.50       | 4.3V         | 1 oz.             | 10,000 c.p.s. | 25 grams    | None             | RUGEV |
| W57A      | Fig. E       | Crystal           | 5.55       | 1.6V         | 3/4 oz.           | 6,000 c.p.s.  | 12 grams    | None             | RUGLA |
| W58A      | Fig. E       | Crystal           | 5.55       | 1.6V         | 1 oz.             | 6,000 c.p.s.  | 25 grams    | None             | RUGLU |
| W58HS***  | Fig. E       | Humi-Seal Crystal | 6.55       | 1.6V         | 1 oz.             | 6,000 c.p.s.  | 25 grams    | None             | RUGUY |
| W59A      | Fig. E       | Crystal           | 5.55       | 2.5V         | 1 oz.             | 6,000 c.p.s.  | 25 grams    | None             | RUGAT |
| W60A      | Fig. D       | Crystal           | 8.50       | 1.6V         | 1 oz.             | 4,500 c.p.s.  | 12 grams    | A61A             | RUSIS |
| W60B      | Fig. D       | Crystal           | 7.50       | 1.6V         | 1 oz.             | 4,500 c.p.s.  | 12 grams    | A62A             | RUSID |
| W60HS***  | Fig. D       | Humi-Seal Crystal | 8.50       | 1.8V         | 1 oz.             | 4,500 c.p.s.  | 25 grams    | A62A             | RUSIB |
| W61B      | Fig. D       | Crystal           | 7.50       | 1.6V         | 1 oz.             | 4,500 c.p.s.  | 25 grams    | A62A             | RUSIL |



Fig. D  
"Muted Stylus"

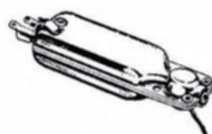


Fig. E  
"Lever Type"

\*With .453 Mount for Oak Changer.

\*\*Cutter-Cartridge for Wilcox-Gay "Recordette."

\*\*\*"Humi-Seal" Metal Wrapped Rochelle Salt Crystal Ideal for Tropical Areas.

**SHURE****CRYSTAL PHONOGRAPH PICKUPS AND NEEDLES****PHONOGRAPH PICKUPS**

Like the popular Shure Cartridges, each Shure Phonograph Pickup has been designed to meet specific requirements. There is at least one model for each type of reproduction desired — standard (78 RPM), fine-groove (33 $\frac{1}{3}$  and 45 RPM), or single-needle "All Purpose" and dual-needle "Turnover" for playing all types of records. Each tone arm is scientifically curved and balanced for faithful tracking, and designed to emphasize the best qualities of the cartridge with which it is equipped.

**STANDARD FOR 78 RPM RECORDS**

| MODEL  | ILLUSTRATION | LIST PRICE | OUTPUT LEVEL | NEEDLE FORCE        | RESPONSE TO | SHURE CARTRIDGE USED | SHURE NEEDLE NUMBER | SHIPPING WEIGHT | CODE  |
|--------|--------------|------------|--------------|---------------------|-------------|----------------------|---------------------|-----------------|-------|
| 92H    | Fig. D       | \$5.50     | 3.5V         | 1 oz.               | 5000 c.p.s. | W42H                 | None                | 9 oz.           | RUSUV |
| 93A    | Fig. C       | 7.50       | 1.6V         | 1 $\frac{1}{8}$ oz. | 6000 c.p.s. | W57A                 | None                | 13 oz.          | RUGLI |
| 96A    | Fig. C       | 8.50       | 4.3V         | 1 $\frac{1}{8}$ oz. | 6000 c.p.s. | W56A                 | None                | 13 oz.          | RUGAB |
| 900HS* | Fig. B       | 11.50      | 1.8V         | 1 $\frac{1}{8}$ oz. | 4500 c.p.s. | W60HS*               | A62A                | 12 oz.          | RUZUA |

**TURNOVER FOR 33 $\frac{1}{3}$ , 45, 78 RPM RECORDS**

| MODEL | ILLUSTRATION | LIST PRICE | OUTPUT LEVEL |      | NEEDLE FORCE | RESPONSE TO   | SHURE CARTRIDGE USED | SHURE NEEDLE NUMBER |      | SHIPPING WEIGHT | CODE  |
|-------|--------------|------------|--------------|------|--------------|---------------|----------------------|---------------------|------|-----------------|-------|
|       |              |            | MG           | STD. |              |               |                      | MG                  | STD. |                 |       |
| 901D  | Fig. A       | \$16.25    | 1.2V         | 1.4V | 7 gram       | 10,000 c.p.s. | W22AB                | A65MG               | A62A | 12 oz.          | RUZEL |

**SINGLE-NEEDLE ALL-PURPOSE FOR 33 $\frac{1}{3}$ , 45, 78 RPM RECORDS**

| MODEL | ILLUSTRATION | LIST PRICE | OUTPUT LEVEL |              | NEEDLE FORCE | RESPONSE TO | SHURE CARTRIDGE USED | SHURE NEEDLE NUMBER | SHIPPING WEIGHT | CODE  |
|-------|--------------|------------|--------------|--------------|--------------|-------------|----------------------|---------------------|-----------------|-------|
| 92U   | Fig. D       | \$9.75     | MG<br>2.0V   | STD.<br>2.3V | 8 grams      | 4500 c.p.s. | W66B                 | A66U                | 9 oz.           | RUZIP |

**FINE-GROOVE FOR 33 $\frac{1}{3}$ , 45 RPM RECORDS**

| MODEL | ILLUSTRATION | LIST PRICE | OUTPUT LEVEL | NEEDLE FORCE | RESPONSE TO | SHURE CARTRIDGE USED | SHURE NEEDLE NUMBER | SHIPPING WEIGHT | CODE  |
|-------|--------------|------------|--------------|--------------|-------------|----------------------|---------------------|-----------------|-------|
| 902MG | Fig. B       | \$10.75    | 2.0V         | 10 grams     | 7500 c.p.s. | W31AR                | A53MG               | 12 oz.          | RUGEX |

**SPECIAL SHURE PICKUP FOR "WEBSTER-CHICAGO" THREE SPEED CHANGERS**

| MODEL | ILLUSTRATION | LIST PRICE | OUTPUT LEVEL |      | NEEDLE FORCE | RESPONSE TO   | SHURE CARTRIDGE USED | SHURE NEEDLE NUMBER |      | SHIPPING WEIGHT | CODE  |
|-------|--------------|------------|--------------|------|--------------|---------------|----------------------|---------------------|------|-----------------|-------|
|       |              |            | MG           | STD. |              |               |                      | MG                  | STD. |                 |       |
| 920W  | Fig. E       | \$11.50    | 1.2V         | 1.4V | 6 grams      | 10,000 c.p.s. | W22AB                | A65MG               | A62A | 6 oz.           | RUZUT |

\*"Humi-Seal" Metal Wrapped Moisture Proofed Rochelle Salt Crystal for Use in Tropical Areas.

**PHONOGRAPH PICKUP NEEDLES**

All Shure Needles are manufactured to exacting specifications to assure top quality performance. Needle-point quality is carefully controlled by precision craftsmanship. Extended performance is assured by life tests at the Shure Laboratories. SPECIFY SHURE NEEDLES ONLY. ACCEPT NO SUBSTITUTES.

| MODEL  | ILLUSTRATION | DESCRIPTION                   | LIST PRICE | CODE  |
|--------|--------------|-------------------------------|------------|-------|
| A52A   | Fig. C       | Std. Osmium                   | \$1.50     | RUGEM |
| A53MG  | Fig. C       | MG Osmium                     | 1.50       | RUGES |
| A56U   | Fig. C       | All Purpose Osmium Unipoint   | 1.50       | RUGEP |
| A61A   | Fig. A       | Std. Sapphire                 | 2.50       | RUZAN |
| A62A   | Fig. B       | Std. Osmium                   | 1.50       | RUZAP |
| A63MG  | Fig. B       | MG Osmium                     | 1.50       | RUGAZ |
| A64MG* |              | MG Osmium                     | 2.00       | RUZAS |
| A65MG  | Fig. A       | MG Sapphire                   | 2.50       | RUGAY |
| A66U   | Fig. B       | All Purpose Osmium Unipoint   | 1.50       | RUZIK |
| A67U   | Fig. A       | All Purpose Sapphire Unipoint | 2.50       | RUZIN |

\*Standard Bent Shaft Needle Not Illustrated.



Fig. A



Fig. B



Fig. C



Fig. D



Fig. E



Fig. A



Fig. B



Fig. C

OSMIUM TIP