

WASHERS



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5



Fig. 6

Flat Washers

| CLAMSHELL | | POLYBAG | | BULK | | Figure No. | Description | Size | Thickness (Inches) | Diameter (Inches) | |
|-----------|----------|------------|----------|----------|----------|------------|-------------------|------|--------------------|-------------------|---------|
| Part No. | Quantity | Part No. | Quantity | Part No. | Quantity | | | | | Inner | Outer |
| KFW-374 | 25 | | | FW-374-C | 100 | 1 | Fiber Flat Washer | 4 | 0.03125 | 0.12 | 0.25 |
| KFW-375 | 20 | | | FW-375-C | 100 | 1 | Fiber Flat Washer | 6 | 0.03125 | 0.145 | 0.25 |
| KFW-376 | 20 | | | FW-376-C | 100 | 1 | Fiber Flat Washer | 8 | 0.03125 | 0.1875 | 0.375 |
| KFW-377 | 20 | | | FW-377-C | 100 | 1 | Fiber Flat Washer | 10 | 0.03125 | 0.192 | 0.375 |
| KFW-378 | 20 | | | FW-378-C | 100 | 1 | Fiber Flat Washer | 1/4 | 0.03125 | 0.255 | 0.5 |
| KFW-379 | 15 | | | FW-379-C | 100 | 1 | Fiber Flat Washer | 3/8 | 0.03125 | 0.375 | 0.625 |
| | | | | FW-380-C | 100 | 1 | Fiber Flat Washer | 7/16 | 0.03125 | 0.44 | 0.75 |
| KMW-400 | 50 | MW-400-25P | 25 | MW-400-C | 100 | 2 | Steel Flat Washer | 2 | 0.018 | 0.092 | 0.21875 |
| KMW-401 | 25 | MW-401-25P | 25 | MW-401-C | 100 | 2 | Steel Flat Washer | 4 | 0.030 | 0.125 | 0.297 |
| KMW-402 | 25 | MW-402-25P | 25 | MW-402-C | 100 | 2 | Steel Flat Washer | 6 | 0.049 | 0.156 | 0.375 |
| KMW-403 | 50 | MW-403-25P | 25 | MW-403-C | 100 | 2 | Steel Flat Washer | 8 | 0.049 | 0.188 | 0.438 |
| KMW-404 | 50 | MW-404-25P | 25 | MW-404-C | 100 | 2 | Steel Flat Washer | 10 | 0.049 | 0.219 | 0.500 |
| | | | | MW-408-C | 100 | 2 | Steel Flat Washer | 1/4 | 0.065 | 0.281 | 0.625 |
| | | | | MW-410-C | 100 | 2 | Steel Flat Washer | 3/8 | 0.065 | 0.392 | 0.750 |
| KNW-874 | 30 | NW-874-25P | 25 | NW-874-C | 100 | 3 | Nylon Flat Washer | 2 | 0.032 | 0.09 | 0.25 |
| | | NW-895-25P | 25 | | | 3 | Nylon Flat Washer | 2 | 0.062 | 0.09 | 0.25 |
| | | NW-892-25P | 25 | | | 3 | Nylon Flat Washer | 4 | 0.032 | 0.115 | 0.25 |
| KNW-875 | 30 | NW-875-25P | 25 | NW-875-C | 100 | 3 | Nylon Flat Washer | 4 | 0.062 | 0.115 | 0.25 |
| | | NW-893-25P | 25 | | | 3 | Nylon Flat Washer | 6 | 0.032 | 0.14 | 0.3125 |
| KNW-876 | 30 | NW-876-25P | 25 | NW-876-C | 100 | 3 | Nylon Flat Washer | 6 | 0.062 | 0.14 | 0.3125 |
| | | NW-877-25P | 25 | NW-877-C | 100 | 3 | Nylon Flat Washer | 8 | 0.062 | 0.171 | 0.375 |
| | | NW-896-25P | 25 | | | 3 | Nylon Flat Washer | 10 | 0.032 | 0.194 | 0.375 |
| KNW-878 | 25 | NW-878-25P | 25 | NW-878-C | 100 | 3 | Nylon Flat Washer | 10 | 0.062 | 0.194 | 0.375 |

Finishing Washers

| CLAMSHELL | | POLYBAG | | BULK | | Figure No. | Description | Size | Thickness (Inches) | Diameter (Inches) | |
|-----------|----------|------------|----------|----------|----------|------------|------------------------|------|--------------------|-------------------|-------|
| Part No. | Quantity | Part No. | Quantity | Part No. | Quantity | | | | | Inner | Outer |
| KNW-879 | 7 | NW-879-25P | 25 | NW-879-C | 100 | 4 | Nylon Finishing Washer | 6 | 0.100 | 0.143 | 0.437 |
| KNW-890 | 6 | NW-890-25P | 25 | NW-890-C | 100 | 4 | Nylon Finishing Washer | 8 | 0.115 | 0.171 | 0.515 |
| KNW-891 | 6 | NW-891-25P | 25 | NW-891-C | 100 | 4 | Nylon Finishing Washer | 10 | 0.152 | 0.191 | 0.58 |

Extruded Washers

| CLAMSHELL | | POLYBAG | | BULK | | Figure No. | Description | Size | Thickness (Inches) | Diameter (Inches) | |
|-----------|----------|----------|----------|----------|----------|------------|-----------------------|------|--------------------|-------------------|---------|
| Part No. | Quantity | Part No. | Quantity | Part No. | Quantity | | | | | Inner | Outer |
| | | | | FW-384-C | 100 | 5 | Fiber Extruded Washer | 4 | 0.28125 | 0.125 | 0.28125 |
| | | | | FW-385-C | 100 | 5 | Fiber Extruded Washer | 6 | 0.28125 | 0.0938 | 0.3125 |
| | | | | FW-386-C | 100 | 5 | Fiber Extruded Washer | 8 | 0.09375 | 0.171 | 0.375 |
| | | | | FW-387-C | 100 | 5 | Fiber Extruded Washer | 10 | 0.09375 | 0.203 | 0.437 |
| | | | | FW-388-C | 100 | 5 | Fiber Extruded Washer | 1/4 | 0.09375 | 0.256 | 0.5 |
| | | | | FW-389-C | 100 | 5 | Fiber Extruded Washer | 3/8 | 0.09375 | 0.375 | 0.625 |

Internal Tooth Washers

| CLAMSHELL | | POLYBAG | | BULK | | Figure No. | Description | Size | Thickness (Inches) | Diameter (Inches) | |
|-----------|----------|------------|----------|----------|----------|------------|------------------------------------|------|--------------------|-------------------|-------|
| Part No. | Quantity | Part No. | Quantity | Part No. | Quantity | | | | | Inner | Outer |
| KMW-428 | 45 | | | MW-428-C | 100 | 6 | Zinc Plated Internal Tooth Washers | 2 | 0.013 | | 0.185 |
| KMW-416 | 45 | MW-416-25P | 25 | MW-416-C | 100 | 6 | Zinc Plated Internal Tooth Washers | 4 | 0.015 | | 0.265 |
| KMW-417 | 45 | MW-417-25P | 25 | MW-417-C | 100 | 6 | Zinc Plated Internal Tooth Washers | 6 | 0.018 | | 0.288 |
| KMW-418 | 40 | MW-418-25P | 25 | MW-418-C | 100 | 6 | Zinc Plated Internal Tooth Washers | 8 | 0.02 | | 0.336 |
| KMW-419 | 40 | MW-419-25P | 25 | MW-419-C | 100 | 6 | Zinc Plated Internal Tooth Washers | 10 | 0.022 | | 0.381 |
| | | | | MW-420-C | 100 | 6 | Zinc Plated Internal Tooth Washers | 1/4 | 0.025 | | 0.478 |
| | | | | MW-421-C | 100 | 6 | Zinc Plated Internal Tooth Washers | 3/8 | 0.035 | | 0.692 |



Fig. 1



Fig. 2



Fig. 3

External Tooth Washers

| CLAMSHELL Part No. | Quantity | POLYBAG Part No. | Quantity | BULK Part No. | Quantity | Figure No. | Description | Size | Thickness (Inches) | Diameter (Inches) | |
|--------------------|----------|------------------|----------|---------------|----------|------------|------------------------------------|------|--------------------|-------------------|-------|
| | | | | | | | | | | Inner | Outer |
| MW-422-C | 100 | | | | | 1 | Zinc Plated External Tooth Washers | 4 | 0.015 | 0.255 | |
| MW-423-C | 100 | | | | | 1 | Zinc Plated External Tooth Washers | 6 | 0.02 | 0.317 | |
| MW-424-C | 100 | | | | | 1 | Zinc Plated External Tooth Washers | 8 | 0.02 | 0.381 | |

Split-Lock Washers

| CLAMSHELL Part No. | Quantity | POLYBAG Part No. | Quantity | BULK Part No. | Quantity | Figure No. | Description | Size | Thickness (Inches) | Diameter (Inches) | |
|--------------------|----------|------------------|----------|---------------|----------|------------|--------------------------------|------|--------------------|-------------------|-------|
| | | | | | | | | | | Inner | Outer |
| KMW-411 | 50 | MW-411-25P | 25 | MW-411-C | 100 | 2 | Zinc Plated Split-lock Washers | 4 | 0.025 | >0.112 | 0.209 |
| KMW-412 | 50 | MW-412-25P | 25 | MW-412-C | 100 | 2 | Zinc Plated Split-lock Washers | 6 | 0.031 | >0.138 | 0.250 |
| KMW-413 | 50 | | | MW-413-C | 100 | 2 | Zinc Plated Split-lock Washers | 8 | 0.040 | >0.164 | 0.293 |
| KMW-414 | 50 | | | MW-414-C | 100 | 2 | Zinc Plated Split-lock Washers | 10 | 0.047 | >0.190 | 0.334 |

Metric Flat Washers

| POLYBAG Part No. | Quantity | POLYBAG Part No. | Quantity | BULK Part No. | Quantity | Figure No. | Description | Size |
|------------------|----------|------------------|----------|---------------|----------|------------|-------------------------------------|------|
| WM-200-15P | 15 | WM-200-25P | 25 | | | 3 | Nickel Plated Flat Washers (Metric) | M2 |
| WM-205-15P | 15 | | | | | 3 | Nickel Plated Flat Washers (Metric) | M2.5 |
| WM-302-15P | 15 | | | | | 3 | Nickel Plated Flat Washers (Metric) | M3.2 |
| WM-403-15P | 15 | | | | | 3 | Nickel Plated Flat Washers (Metric) | M4.3 |

NUTS



Lock Washer Nuts

| CLAMSHELL Part No. | CLAMSHELL Quantity | POLYBAG Part No. | POLYBAG Quantity | BULK Part No. | BULK Quantity | Figure No. | Description | Size | Thread | Thickness (Inches) | Width (Inches) |
|--------------------|--------------------|------------------|------------------|---------------|---------------|------------|------------------------------|------|--------|--------------------|----------------|
| KF-535 | 15 | | | F-535-C | 100 | 1 | Zinc Plated Lock Washer Nuts | 4 | 40 | 3/32 | 1/4 |
| KF-536 | 15 | | | F-536-C | 100 | 1 | Zinc Plated Lock Washer Nuts | 6 | 32 | 7/64 | 5/16 |
| KF-537 | 15 | | | F-537-C | 100 | 1 | Zinc Plated Lock Washer Nuts | 8 | 32 | 1/8 | 11/32 |
| KF-538 | 10 | | | F-538-C | 100 | 1 | Zinc Plated Lock Washer Nuts | 10 | 32 | 1/8 | 3/8 |

Lock Nuts

| CLAMSHELL Part No. | CLAMSHELL Quantity | POLYBAG Part No. | POLYBAG Quantity | BULK Part No. | BULK Quantity | Figure No. | Description | Size | Thread | Thickness (Inches) | Width (Inches) |
|--------------------|--------------------|------------------|------------------|---------------|---------------|------------|----------------|------|--------|--------------------|----------------|
| | | NN-502-25P | 25 | | | 2 | Nylon Lock Nut | 2 | 56 | 0.140 | 0.180 |
| | | NN-504-25P | 25 | | | 2 | Nylon Lock Nut | 4 | 40 | 0.180 | 0.250 |
| | | NN-506-25P | 25 | | | 2 | Nylon Lock Nut | 6 | 32 | 0.200 | 0.305 |
| | | NN-508-25P | 25 | | | 2 | Nylon Lock Nut | 8 | 32 | 0.230 | 0.335 |
| | | NN-510-25P | 25 | | | 2 | Nylon Lock Nut | 10 | 32 | 0.250 | 0.365 |

Volume Control Nut

| CLAMSHELL Part No. | CLAMSHELL Quantity | POLYBAG Part No. | POLYBAG Quantity | BULK Part No. | BULK Quantity | Figure No. | Description | Size | Thread | Thickness (Inches) | Width (Inches) |
|--------------------|--------------------|------------------|------------------|---------------|---------------|------------|----------------------------------|------|--------|--------------------|----------------|
| KF-565 | 15 | | | | | 3 | Nickel Plated Volume Control Nut | 3/8 | 32 | 3/32 | 1/2 |

Toggle Switch Nuts

| CLAMSHELL Part No. | CLAMSHELL Quantity | POLYBAG Part No. | POLYBAG Quantity | BULK Part No. | BULK Quantity | Figure No. | Description | Size | Thread | Thickness (Inches) | Width (Inches) |
|--------------------|--------------------|------------------|------------------|---------------|---------------|------------|---------------------------------|-------|--------|--------------------|----------------|
| KF-566 | 10 | | | F-566-C | 100 | 3 | Nickel Plated Toggle Switch Nut | 15 | 32 | 5/64 | 9/16 |
| KF-567 | 15 | | | F-567-C | 100 | 3 | Nickel Plated Toggle Switch Nut | 0.475 | 32 | 1/16 | 19/32 |

Wing Nut

| CLAMSHELL Part No. | CLAMSHELL Quantity | POLYBAG Part No. | POLYBAG Quantity | BULK Part No. | BULK Quantity | Figure No. | Description | Size | Thread | Thickness (Inches) | Width (Inches) |
|--------------------|--------------------|------------------|------------------|---------------|---------------|------------|------------------------|------|--------|--------------------|----------------|
| KF-571 | 15 | | | | | 4 | Nickel Plated Wing Nut | 6 | 32 | | |

Metric Hex Nuts

| POLYBAG Part No. | POLYBAG Quantity | POLYBAG Part No. | POLYBAG Quantity | BULK Part No. | BULK Quantity | Figure No. | Description | Size | Thread | Thickness (Inches) | Width (Inches) |
|------------------|------------------|------------------|------------------|---------------|---------------|------------|---------------------------------|------|--------|--------------------|----------------|
| NM-200-15P | 15 | NM-200-25P | 25 | | | 5 | Nickel Plated Hex Nuts (Metric) | M2 | | | |
| NM-250-15P | 15 | NM-250-25P | 25 | | | 5 | Nickel Plated Hex Nuts (Metric) | M2.5 | | | |
| NM-300-15P | 15 | NM-300-25P | 25 | | | 5 | Nickel Plated Hex Nuts (Metric) | M3 | | | |
| NM-400-15P | 15 | NM-400-25P | 25 | | | 5 | Nickel Plated Hex Nuts (Metric) | M4 | | | |

English Hex Nuts

| CLAMSHELL Part No. | CLAMSHELL Quantity | POLYBAG Part No. | POLYBAG Quantity | BULK Part No. | BULK Quantity | Figure No. | Description | Size | Thread | Thickness (Inches) | Width (Inches) |
|--------------------|--------------------|------------------|------------------|---------------|---------------|------------|----------------------------------|------|--------|--------------------|----------------|
| KF-554 | 25 | F-554-25P | 25 | F-554-C | 100 | 6 | Nickel Plated Hex Nuts (English) | 2 | 56 | 1/16 | 3/16 |
| KF-555 | 25 | | | | | 6 | Nickel Plated Hex Nuts (English) | 3 | 48 | 1/16 | 3/16 |
| KF-556 | 25 | | | F-556-C | 100 | 6 | Nickel Plated Hex Nuts (English) | 4 | 36 | 3/32 | 1/4 |
| KF-557 | 25 | F-557-25P | 25 | F-557-C | 100 | 6 | Nickel Plated Hex Nuts (English) | 4 | 40 | 3/32 | 1/4 |
| KF-559 | 25 | F-559-25P | 25 | F-559-C | 100 | 6 | Nickel Plated Hex Nuts (English) | 6 | 32 | 3/32 | 1/4 |
| KF-560 | 25 | | | F-560-C | 100 | 6 | Nickel Plated Hex Nuts (English) | 6 | 32 | 7/64 | 5/16 |
| KF-561 | 25 | F-561-25P | 25 | F-561-C | 100 | 6 | Nickel Plated Hex Nuts (English) | 8 | 32 | 3/32 | 1/4 |
| KF-562 | 25 | | | F-562-C | 100 | 6 | Nickel Plated Hex Nuts (English) | 8 | 32 | 7/64 | 5/16 |
| KF-563 | 20 | F-563-25P | 25 | F-563-C | 100 | 6 | Nickel Plated Hex Nuts (English) | 10 | 32 | 1/8 | 3/8 |
| | 15 | | | F-564-C | 100 | 6 | Nickel Plated Hex Nuts (English) | 1/4 | 20 | 3/16 | 7/16 |
| KFN-853 | 15 | FN-853-25P | 25 | FN-853-C | 100 | 7 | Nylon Hex Nuts (English) | 2 | 56 | .070 | 3/16 |
| KFN-854 | 15 | FN-854-25P | 25 | FN-854-C | 100 | 7 | Nylon Hex Nuts (English) | 4 | 40 | .100 | 1/4 |
| KFN-855 | 25 | | | FN-855-C | 100 | 7 | Nylon Hex Nuts (English) | 6 | 32 | .120 | 5/16 |
| KFN-856 | 10 | | | FN-856-C | 100 | 7 | Nylon Hex Nuts (English) | 8 | 32 | .130 | 11/32 |
| KFN-857 | 10 | FN-857-25P | 25 | FN-857-C | 100 | 7 | Nylon Hex Nuts (English) | 10 | 32 | .135 | 3/8 |