ckpsms DBx1 Groz Beckert 100PCS

Groz-Beckert DBX1 Sewing Machine Needles User Manual

Model: DBx1 Groz Beckert 100PCS

Brand: ckpsms

1. INTRODUCTION

This manual provides essential information for the proper use, installation, and maintenance of your Groz-Beckert DBX1 1738 16X257 sewing machine needles. These high-quality needles are designed for various industrial and domestic sewing machines, ensuring optimal performance for your sewing projects.

2. PRODUCT COMPONENTS

Each package contains 100 pieces of Groz-Beckert DBX1 1738 16X257 sewing machine needles, supplied in a clear plastic storage box for convenience and protection.
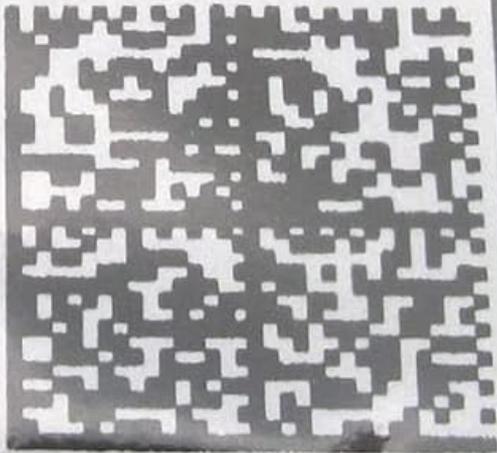
Image: A clear plastic box containing 100 Groz-Beckert DBX1 sewing machine needles. The label on the needle packaging shows "GROZ-BECKERT", "DB X 1", "1738", and "16 X 257".

You will receive a CKPSMS branded clear plastic box !

Image: A clear plastic box with the "CKPSMS" logo on the lid, designed for storing the sewing machine needles. The needle packaging is visible inside.

New and old packaging will be shipped randomly, but will not change the model and size of the needle, does not affect the use!

Image: A close-up of the Groz-Beckert needle packaging, indicating that new and old packaging styles may be shipped randomly, but the needle model and size remain consistent.

3. NEEDLE SYSTEM AND SIZING

The DBX1 needle system is characterized by specific length and shank size, with various diameters available. The needles provided are DBX1 1738 16X257, corresponding to Singer Size 16 (Metric Size 100). Lower size numbers indicate thinner needles for lighter materials, while higher size numbers denote thicker needles for heavier materials.

Alternative part numbers for DBX1 1738 16X257 include 16X231, 16X257, 16X95, 1738A, 287WH, 71X1, DBX257, SY2254, and SY2270.

Note:
DBX1 needles size less than 20/125, the shank diameter is 1.63MM.

16x231   DBx1   1738
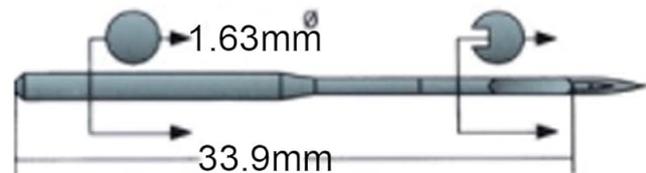16x257   DBx257   287WH

1.63mm Ø
33.9mm

Image: A diagram illustrating the dimensions of DBX1 needles, showing a shank diameter of 1.63mm and a length of 33.9mm. It also lists alternative part numbers like 16x231, DBx1, 1738, 16x257, DBx257, and 287WH.

4. COMPATIBILITY

These Groz-Beckert DBX1 needles are compatible with a wide range of industrial and domestic sewing machines. Always verify your machine's needle system requirements before installation.

Compatible Machine Brands and Models:

- **Alfa:** 121.101-401-500-503, 119.300
- **Artisan:** 196R, 5500, 8500
- **Bernina:** 117, 217-10, 217-20, 317, 517, 740, 850, 950
- **Brother:** B221, B484, B485, B735, B755, B652, B737, B764, B790
- **Consew:** 38, 75, 77, 101, 102, 210, 215, 216, 217, 220, 230, 230R, 310, 2230R, C7630, 7630R-1
- **Econosew:** DDL-5550, DDL-8500, DDL-8700
- **Feiyue:** FY8500, FY8700
- **Gemsy:** 8700
- **Janome:** 1600P-DB, 1600P-DBX
- **Juki:** DDL201, DDL-227, DDL-555, DDL-5530, DDL-5550, DDL-8300, DDL-8500, DDL-8700, DDL-8900, DDL-9000, DLN415, DLU5490, LZ-271, LZ-391N, MBH-180
- **Singer:** 96 class, 103K, 120U, 172, 188K, 188U, 196K, 241, 245, 251, 281, 291U-3, 2491D
- **Tacsew:** 950, DDL-5550, DDL-8500, T8700
- **Taiko:** TK-505, TK-510
- **Viking:** M430, M431, M435, M435C, M440, M530, M535, M535C, M535D
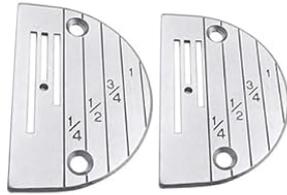
- **Yamata:** FY8500, FY8700

5. SETUP AND INSTALLATION

Proper needle installation is crucial for optimal sewing performance and to prevent damage to your machine or fabric. Always refer to your sewing machine's specific instruction manual for detailed steps.

1. **Safety First:** Before handling needles or any machine parts, ensure your sewing machine is turned off and unplugged from the power source.
2. **Remove Old Needle:** Loosen the needle clamp screw and carefully remove the old needle. Dispose of used needles safely.
3. **Insert New Needle:** Insert the new Groz-Beckert DBX1 needle into the needle clamp, ensuring the flat side (if applicable to your machine's needle system) faces the correct direction (usually towards the back). Push the needle up as far as it will go.
4. **Tighten Clamp:** Securely tighten the needle clamp screw. Do not overtighten.
5. **Test:** Once installed, manually turn the handwheel a few times to ensure the needle moves freely and does not strike any parts of the machine.

Product safety photos and guideline
For CKPSMS brand sewing machine parts and accessories

Needle Plate:
Always use the correct needle plate for your sewing machine model. Do not use a damaged or bent needle plate. When changing the needle plate, make sure the sewing machine is turned off and unplugged.

Bobbin Case:
Always use the correct bobbin case for your sewing machine model. Do not use a damaged or bent bobbin case. When changing the bobbin case, make sure the sewing machine is turned off and unplugged.

Presser Foot:
Always use the correct presser foot for your sewing machine model. Do not use a damaged or bent presser foot. When changing the presser foot, make sure the sewing machine is turned off and unplugged.

Fabric cleaner:
a. Do not spray towards the body, face, or hands of a person.
b. Keep out of reach of children.
c. Do not use upside down.
d. Do not connect to a power source with a voltage that does not match the product.
e. Do not modify the power cord or auxiliary tools of this product by yourself.

Foot pedal, auto bobbin winder and any other products which are required to connect to the power:
a. Do not use the product when your hands are wet.
b. If the power cord is damaged, stop using the product immediately and replace it with a new one.
c. Always disconnect the power supply before repairing the product.
d. Do not connect the product to a power source with a voltage that does not match.

Looper, thread cutter, blades and any other products which are sharp or incisive:
a. Take sufficient safety precautions to prevent injury to your fingers.
b. Before disassembling or assembling, understand the correct method and make sure to install it in the designated position.
c. Keep it in a place where children cannot touch it.
d. Store it in a sturdy packaging box and take measures to prevent rust and corrosion.

Image: A composite image showing various sewing machine parts and associated safety guidelines. It includes:

Needle Plate: Always use the correct needle plate. Ensure machine is off and unplugged when changing.

Bobbin Case: Use the correct bobbin case. Ensure machine is off and unplugged when changing.

Presser Foot: Use the correct presser foot. Ensure machine is off and unplugged when changing.

Fabric Cleaner: Do not spray towards body, keep out of reach of children, do not use upside down, do not connect to a power source with a voltage that does not match, do not modify.

Foot Pedal, Auto Bobbin Winder: Always disconnect power supply before repairing. Do not connect to power source with unmatched voltage.

Looper, Thread Cutter, Blades: Take sufficient safety precautions to prevent injury. Understand the correct method before assembly or disassembly. Keep in a sturdy packaging box and take measures to prevent rust and corrosion.

6. OPERATING GUIDELINES

To achieve the best results with your Groz-Beckert DBX1 needles:

- **Match Needle to Fabric:** Use the appropriate needle size for your fabric type. These needles are suitable for knit fabrics and loosely woven fabrics. Using the correct size prevents skipped stitches, fabric damage, and needle breakage.
- **Regular Replacement:** Needles dull over time. Replace needles regularly, typically after 8-10 hours of sewing or at the start of a new project, especially when working with dense materials.
- **Proper Threading:** Ensure your machine is correctly threaded according to its manual. Incorrect threading can lead to needle issues.

7. MAINTENANCE AND CARE

Proper care extends the life of your needles and ensures consistent sewing quality:

- **Storage:** Store unused needles in the provided clear plastic box in a dry place to prevent rust and damage.
- **Inspection:** Before each use, inspect the needle for any bends, burrs, or dullness. A damaged needle can cause fabric pulls, skipped stitches, or machine damage.
- **Cleaning:** Keep your needle area clean from lint and debris, which can affect needle performance.

8. TROUBLESHOOTING COMMON ISSUES

Issue	Possible Cause	Solution
Skipped Stitches	Dull, bent, or incorrect needle; improper threading.	Replace needle; re-thread machine; ensure needle is fully inserted.
Needle Breakage	Incorrect needle size for fabric; bent needle; pulling fabric while sewing; needle striking bobbin case.	Use correct needle size; replace bent needle; guide fabric gently; check bobbin case alignment.
Fabric Pulling/Snagging	Dull or burred needle.	Replace needle immediately.
Uneven Stitches	Dull needle; tension issues.	Replace needle; adjust machine tension settings.

9. SPECIFICATIONS

Attribute	Detail
Model Number	DBx1 Groz Beckert 100PCS
Needle System	DBX1 (also known as 1738, 16X257, 16X231, 16X95, 1738A, 287WH, 71X1, DBX257, SY2254, SY2270)
Needle Size	16/100 (Singer Size 16 / Metric Size 100)
Quantity	100 Pieces
Point Type	Ball Point

Attribute	Detail
Compatible Material	Knit fabrics, Loosely woven fabrics
Compatible Devices	Domestic and Industrial Sewing Machines (refer to compatibility list)
Product Dimensions	2.28 x 2.2 x 2.17 inches (packaging)
Item Weight	3.2 ounces
Manufacturer	CKPSMS
Date First Available	March 28, 2018

10. SAFETY INFORMATION

Always prioritize safety when working with sewing machines and needles. Needles are sharp and can cause injury. Keep them out of reach of children and pets. When performing maintenance or changing parts, always ensure the machine is powered off and unplugged.
Refer to the safety guidelines provided with your sewing machine for comprehensive safety instructions.

11. SUPPORT INFORMATION

For further assistance or inquiries regarding your CKPSMS Groz-Beckert needles, please contact the manufacturer or your point of purchase. Technical support may be available to ensure compatibility with your specific machine model.
You can visit the official CKPSMS store for more information: CKPSMS Official Store