

## **EN-USER MANUAL: “Grouting knife / Joint scraper kit”**

Thank you very much for the esteemed trust that you have shown by buying this special cutting tool set. It can be used to remove defective or mouldy elastic sealing material e.g. silicone, acrylic, polyurethane or MS polymer from the joints of smooth surfaces. Before beginning your scraping work, you should carefully test whether the surface tends to show scratches. For sensitive surfaces only use special adapters **B-1**, **B-2.2** and **B-3** to remove flexible joint filler material.

**IMPORTANT:** For provide a secure grip the knife adapter/various extensions should always be fastened to the TWIN TOOL scraper handle with the L-shaped fixing caps (**I-1**). Only then, use the scraping tool to remove joint filling material. As a rule, the scraping procedure works in both directions. The scraping tools can be guided by punching the sealing joint anywhere using the scraping extension; then carry out a pushing or pulling movement (**I-1**). The V-blade **B-2.2** is used to cut out thinner joints directly. For a wider joint cross section (**I-2-3**) the joint flanks can be cut successively from both sides using blade extensions **B-1** or **B-3**. Coarse residual sealing material is then scraped off with adapters **B-1** or **B-3**.

**HINT:** All scraper adapters/extensions with metals blades as shown in (**I-4-5-6-7**) are **SPECIAL ACCESSORIES** subject to extra cost. They may only be used on insensitive surfaces. The razor-sharp stainless steel blade of adapter **B-5** is suitable to cut out elastic joint fillers (**I-4**) on robust surfaces. The V-blade **B-4** is ideal for sealing material and expansion joints (**I-5**). Mortar joints (**I-6**) can be scraped easily with the galvanised special blade of adapter **B-6** due to its coarse-grain tungsten-carbide finish. If necessary, the metal blades **B5+B6** on the firmly installed blade adapter can be exchanged. To do so, carefully push out the holder clip forward as shown in (**I-7**), then insert a new metal blade; to fix the blade only push the holder clip back as far as possible. Tips, information and spare parts are listed on the manufacturer page at: **[www.twin-tool.de](http://www.twin-tool.de)**

**Safety information:** For all your work, please observe the professional rules of the trades, the specifications of the manufacturers of the sealing material, DIN/Euro standards or other applicable national rules and regulations. We shall not be liable for any damage caused as a result of improper execution and/or handling! All tool components including storage box are 100% recyclable and environmentally friendly. Some of the adapter blades are pointed, very sharp and therefore dangerous – i.e. absolutely **no toy for children!** The manufacturer does **NOT ASSUME LIABILITY** for improper use and for the consequences of negligence! Otherwise **3 years of manufacturer warranty** from purchasing date apply! Consumables are not included in the warranty! Because of the possible risk of injury, please store all cutting and scraping utensils absolutely inaccessibly in a safe place and keep them out of the reach of children and pets!

**Manufacturer contact:** K-TOOLS, Hahnengasse 10, D-89073 Ulm, Germany, email: [info@k-tools.de](mailto:info@k-tools.de)