

# Crimping Dies

for Crimp System Pliers

(1,000 special crimping dies upon request)

97  
49

| Product Number | Packaging |                                                                                     | Applications                                                                   | Cable type             | Capacity mm <sup>2</sup> | Capacity SW mm<br>Inch<br>mm       | Sleeves<br>Ø Inch<br>Ø mm         | Number of crimping positions | lbs  |
|----------------|-----------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|------------------------|--------------------------|------------------------------------|-----------------------------------|------------------------------|------|
| 97 49 04       |           |    | Non-insulated open plug-type connectors (plug width 2.8 + 4.8 mm)              | -                      | 0.1 - 2.5                | -                                  | -                                 | 4                            | 0.09 |
| 97 49 05       |           |    | Non-insulated open plug-type connectors (plug width 4.8 + 6.3 mm)              | -                      | 0.5 - 6.0                | -                                  | -                                 | 3                            | 0.10 |
| 97 49 06       |           |    | Insulated terminals, plug connectors + butt connectors                         | -                      | 0.5 - 6.0                | -                                  | -                                 | 3                            | 0.10 |
| 97 49 08       |           |    | Insulated and non-insulated ferrules (end sleeves)                             | -                      | 0.25 - 6.0               | -                                  | -                                 | 5                            | 0.11 |
| 97 49 09       |           |   | Insulated and non-insulated ferrules (end sleeves)                             | -                      | 10 / 16 / 25             | -                                  | -                                 | 3                            | 0.11 |
| 97 49 15       |           |  | Lug connectors and non-insulated open plug-type connectors (plug width 6.3 mm) | -                      | 1.25-2.5 + 3.0-6.0       | -                                  | -                                 | 2 + 1                        | 0.12 |
| 97 49 16       |           |  | Insulated terminals + cable connectors                                         | -                      | 10.0 - 16.0              | -                                  | -                                 | 2                            | 0.10 |
| 97 49 18       |           |  | Twin ferrules (end sleeves) for two flexible conductors                        | -                      | 2x6 / 2x10 / 2x16        | -                                  | -                                 | 3                            | 0.11 |
| 97 49 19       |           |  | Insulated and non-insulated ferrules (end sleeves)                             | -                      | 35 - 50                  | -                                  | -                                 | 2                            | 0.10 |
| 97 49 20       |           |  | F-connectors for TV and satellite connections                                  | -                      | -                        | 9/32; 21/64; 5/16<br>7.0; 8.4; 8.1 | 19/64; 3/8; 3/8<br>7.7; 9.5; 9.5  | 3                            | 0.11 |
| 97 49 23       |           |  | Non-insulated terminals + cable connections                                    | -                      | 16 + 25                  | -                                  | -                                 | 2                            | 0.10 |
| 97 49 24       |           |  | D Sub; HD 20; HDE plug                                                         | -                      | 0.03 - 0.56              | -                                  | -                                 | 3                            | 0.09 |
| 97 49 30       |           |  | Non-insulated crimp connectors in accordance with DIN 46267                    | -                      | 1.5 - 4.0                | -                                  | -                                 | 3                            | 0.08 |
| 97 49 35       |           |  | Spark plug connectors and distributors                                         | -                      | 1                        | -                                  | -                                 | 5                            | 0.12 |
| 97 49 40       |           |  | Coax connectors RG 58, 59, 62, 71, 223                                         | RG 58, 59, 62, 71, 223 | --                       | 7/32; 1/4; 1/16<br>5.4; 6.48; 1.72 | 1/4; 19/64; 5/64<br>6.4; 7.6; 2.1 | 3                            | 0.13 |
| 97 49 44       |           |  | Rolled contacts                                                                | -                      | 0.14 - 1.5               | -                                  | -                                 | 3                            | 0.10 |

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|----------------|------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------------------|----------------------------------------------------------------------|-----------------------------------------------------------------|------------------------------|------|
| 97 49 50       |                                    |    |  Coax connectors/ car phone RG 58, 74, 188, 316                     | RG 58, 174, 188, 316 | -                                | 1/8; 11/64; 7/32; 1/16; 3/64; 1/32 3.25; 4.52; 5.4; 1.72; 1.07; 0.72 | 5/32; 7/32; 1/4; 5/64; 3/64; 1/32 3.9; 5.4; 6.4; 2.1; 1.3; 0.95 | 6                            | 0.11 |
| 97 49 54       |                                    |    |  Modular plugs                                                      | -                    | 0.5 - 2.5                        | -                                                                    | -                                                               | 4                            | 0.11 |
| 97 49 60       |                                    |    |  Turned contacts (HTS + Harting)                                    | -                    | 0.14 - 4.0                       | -                                                                    | -                                                               | 4                            | 0.12 |
| 97 49 62       |                                    |    |  Solar connectors (Huber + Suhner)                                  | -                    | 2.5 + 4.0                        | -                                                                    | -                                                               | 3                            | 0.09 |
| 97 49 64       |                                    |    |  ABS connectors in motor vehicles                                   | -                    | 1.0 - 6.0                        | -                                                                    | -                                                               | 2                            | 0.11 |
| 97 49 69 1     |                                    |    |  Solar cable connectors gesis® solar PST 40 (Wieland)               | -                    | 1.5 - 2.5                        | -                                                                    | -                                                               | 2                            | 0.10 |
| 97 49 69 2     |                                    |   |  Solar cable connectors gesis® solar PST 40 (Wieland)              | -                    | 4.0 - 10.0                       | -                                                                    | -                                                               | 3                            | 0.10 |
| 97 49 70       |                                    |  |  Western plugs                                                    | -                    | 4,6,8-poles RJ 10 / 11 / 12 / 45 | -                                                                    | -                                                               | 3                            | 0.11 |
| 97 49 74       |                                    |  |  Unshielded plugs                                                 | -                    | 4,6,8-poles RJ 10 / 11 / 12 / 45 | -                                                                    | -                                                               | 3                            | 0.10 |
| 97 49 76       |                                    |  |  Shielded Stewart plugs                                           | -                    | -                                | -                                                                    | -                                                               | 2                            | 0.11 |
| 97 49 81       |                                    |  |  Fiber optic connectors, e.g. Harting                             | -                    | -                                | 1/8; 3/16; 1/4 3.0; 4.95; 6.5                                        | 9/64; 15/64; 19/64 3.5; 6.0; 7.5                                | 3                            | 0.12 |
| 97 49 82       |                                    |  |  Fiber optic connectors, e.g. Telegärtner                         | -                    | -                                | 1/8; 9/64; 11/64 3.25; 3.65; 4.52                                    | 9/64; 5/32; 7/32 3.6; 4.0; 5.4                                  | 3                            | 0.11 |
| 97 49 83       |                                    |  |  Fiber optic connectors, e.g. FSMA-;ST-; SC- + STSC-/K-connectors | -                    | -                                | 9/64; 11/64; 13/64 3.65; 4.2; 5.0                                    | 11/64; 7/32; 15/64 4.3; 5.4; 6.0                                | 3                            | 0.11 |
| 97 49 84       |                                    |  |  Fiber optic connectors, e.g. Huber/Suhner                        | -                    | -                                | 5/32; 11/64; 3/16 3.8; 4.3; 4.95                                     | 11/16; 13/64; 15/64 4.5; 5.2; 6.0                               | 3                            | 0.11 |
| 97 49 87       |                                    |  |  Fiber optic connectors, e.g. FSMA-;ST- and MIC-connectors        | -                    | -                                | 11/32 8.7                                                            | 3/8 9.5                                                         | 1                            | 0.10 |
| 97 49 90       | Locator for 97 49 60 (HTS+Harting) |                                                                                     |                                                                                                                                                      |                      |                                  |                                                                      |                                                                 |                              |      |
| 97 49 93       | Locator for 97 49 24 (D-Sub-plugs) |                                                                                     |                                                                                                                                                      |                      |                                  |                                                                      |                                                                 |                              |      |
| 97 49 94       | Locator for 97 49 04               |                                                                                     |                                                                                                                                                      |                      |                                  |                                                                      |                                                                 |                              |      |
| 97 49 95       | Locator for 97 49 05               |                                                                                     |                                                                                                                                                      |                      |                                  |                                                                      |                                                                 |                              |      |

Special profiles available upon request