



### Crimping dies HR 4



**Suitable for**

- Tubular cable lugs and connectors - Cu, standard type
- Tubular cable lugs for switchgear connections

| Cross section mm <sup>2</sup> | Part No.      | Crimp width mm |
|-------------------------------|---------------|----------------|
| 6                             | <b>HR46</b>   | 5              |
| 10                            | <b>HR410</b>  | 5              |
| 16                            | <b>HR416</b>  | 5              |
| 25                            | <b>HR425</b>  | 5              |
| 35                            | <b>HR435</b>  | 5              |
| 50                            | <b>HR450</b>  | 5              |
| 70                            | <b>HR470</b>  | 5              |
| 95                            | <b>HR495</b>  | 5              |
| 120                           | <b>HR4120</b> | 5              |
| 150                           | <b>HR4150</b> | 5              |

### Crimping dies HIS 4



**Suitable for**

- Insulated tubular cable lugs and connectors
- Insulated pin terminals

| Cross section mm <sup>2</sup> | Part No.      | Crimp width mm |
|-------------------------------|---------------|----------------|
| 10                            | <b>HIS410</b> | 5              |
| 16                            | <b>HIS416</b> | 5              |
| 25                            | <b>HIS425</b> | 5              |
| 35                            | <b>HIS435</b> | 5              |
| 50                            | <b>HIS450</b> | 5              |
| 70                            | <b>HIS470</b> | 5              |

### Crimping die set, 6 - 150 mm<sup>2</sup> HR 4 in plastic case, 11-pce.



**Suitable for**

- Tubular cable lugs and connectors - Cu, standard type
- Tubular cable lugs for switchgear connections

| Part No.      |
|---------------|
| <b>HR4SET</b> |

### Crimping dies blue connection® HB 4



▶ Accurate assignment of crimping tool/crimping die through colour-coding system

**Suitable for**

- Tubular cable lugs and connectors, blue connection® for compacted conductors acc. to DIN EN 60228 Class 2

| Cross section mm <sup>2</sup> | Part No.      | Crimp width mm | Number of crimps |
|-------------------------------|---------------|----------------|------------------|
| 6                             | <b>HB46</b>   | 9              | 1                |
| 10                            | <b>HB410</b>  | 9              | 1                |
| 16                            | <b>HB416</b>  | 9              | 1                |
| 25                            | <b>HB425</b>  | 9              | 1                |
| 35                            | <b>HB435</b>  | 9              | 1                |
| 50                            | <b>HB450</b>  | 9              | 1                |
| 70                            | <b>HB470</b>  | 5              | 2                |
| 95                            | <b>HB495</b>  | 5              | 2                |
| 120                           | <b>HB4120</b> | 5              | 2                |
| 150                           | <b>HB4150</b> | 5              | 2                |

### Crimping die set 6 - 150 mm<sup>2</sup> blue connection® HB 4 in plastic case, 11-pce.



**Suitable for**

- Tubular cable lugs and connectors, blue connection® for compacted conductors acc. to DIN EN 60228 Class 2

| Part No.      |
|---------------|
| <b>HB4SET</b> |

### Crimping dies HN 4, Double indent crimping



**Suitable for**

- Tubular cable lugs and connectors - Ni
- Tubular cable lugs and connectors - stainless steel

| Cross section mm <sup>2</sup> | Part No.     |
|-------------------------------|--------------|
| 4 - 6                         | <b>HN446</b> |
| 10                            | <b>HN410</b> |
| 16                            | <b>HN416</b> |

### Crimping dies HN 4, Indent crimping



**Suitable for**

- Tubular cable lugs and connectors - Ni
- Tubular cable lugs and connectors - stainless steel

| Cross section mm <sup>2</sup> | Part No.       |
|-------------------------------|----------------|
| 0.5 - 1.0                     | <b>HN4051</b>  |
| 1.5 - 2.5                     | <b>HN41525</b> |

### Crimping dies HF 4



**Suitable for**

- Tubular cable lugs and connectors for fine stranded conductors

| Cross section mm <sup>2</sup> | Part No.     |
|-------------------------------|--------------|
| 10                            | <b>HF410</b> |
| 16                            | <b>HF416</b> |
| 25                            | <b>HF425</b> |
| 35                            | <b>HF435</b> |

### Crimping dies HM 4



**Suitable for**

- Tubular cable lugs and connectors for solid conductors

| Cross section mm <sup>2</sup> | Part No.      | Crimp width mm |
|-------------------------------|---------------|----------------|
| 1.5 - 2.5; 4                  | <b>HM4154</b> | 5              |
| 6 - 10                        | <b>HM4610</b> | 5              |
| 16                            | <b>HM416</b>  | 5              |



## Crimping dies HD 4



### Suitable for

- Compression cable lugs to DIN 46235 and connectors to DIN 46267, part 1 - Cu

| Cross section mm <sup>2</sup> | Part No.      | Code | Crimp width mm |
|-------------------------------|---------------|------|----------------|
| 6                             | <b>HD46</b>   | 5    | 5              |
| 10                            | <b>HD410</b>  | 6    | 5              |
| 16                            | <b>HD416</b>  | 8    | 5              |
| 25                            | <b>HD425</b>  | 10   | 5              |
| 35                            | <b>HD435</b>  | 12   | 5              |
| 50                            | <b>HD450</b>  | 14   | 5              |
| 70                            | <b>HD470</b>  | 16   | 5              |
| 95                            | <b>HD495</b>  | 18   | 5              |
| 120                           | <b>HD4120</b> | 20   | 5              |

## Crimping die set, 6 - 120 mm<sup>2</sup> HD 4 in plastic case, 10-pce.



### Suitable for

- Compression cable lugs to DIN 46235 and connectors to DIN 46267, part 1 - Cu

Part No.  
**HD4SET**

## Crimping dies HQ 4



### Suitable for

- Solderless terminals to DIN 46234 and pin terminals to DIN 46230 - Cu
- Solderless connectors to DIN 46341 - Cu

| Cross section mm <sup>2</sup> | Part No.     |
|-------------------------------|--------------|
| 6                             | <b>HQ46</b>  |
| 10                            | <b>HQ410</b> |
| 16                            | <b>HQ416</b> |
| 25                            | <b>HQ425</b> |
| 35                            | <b>HQ435</b> |

## Crimping dies HISQ 4

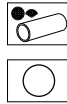


### Suitable for

- Insulated solderless terminals and pin terminals

| Cross section mm <sup>2</sup> | Part No.       |
|-------------------------------|----------------|
| 10                            | <b>HISQ410</b> |
| 16                            | <b>HISQ416</b> |

## Crimping dies HRU 4

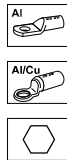


### Suitable for

- Pre-rounding dies for sector-shaped Al and Cu conductors
- 3- and 4-core sector-shaped conductors

| Nominal cross section<br>mm <sup>2</sup> re/se | Nominal cross section<br>mm <sup>2</sup> rm/sm | Part No.          | Conductor dia.<br>mm | Pre-rounding width<br>mm |
|--|--|-------------------|----------------------|--------------------------|
|  | 10   | <b>HRU410</b>     | 4.1                  | 9                        |
|  | 16   | <b>HRU416</b>     | 5.1                  | 9                        |
| 35   | 25   | <b>HRU43525</b>   | 6.3                  | 9                        |
| 50   | 35   | <b>HRU45035</b>   | 7.5                  | 9                        |
| 70   | 50   | <b>HRU47050</b>   | 9.0                  | 9                        |
| 95   | 70   | <b>HRU49570</b>   | 10.5                 | 9                        |
| 120  | 95   | <b>HRU412095</b>  | 12.5                 | 9                        |
| 150  | 120  | <b>HRU4150120</b> | 14.0                 | 9                        |

## Crimping dies HA 4



### Suitable for

- Compression cable lugs and connectors to DIN - Al
- Compression cable lugs and connectors Al/Cu (aluminium side)

| Nominal cross section<br>mm <sup>2</sup> re/sm | Nominal cross section<br>mm <sup>2</sup> rm/sm | Part No.       | Conductor dia.<br>mm | Pre-rounding width<br>mm |
|--|--|----------------|----------------------|--------------------------|
| 16   | 10   | <b>HA410</b>   | 10                   | 7                        |
| 25 -35   | 16 -25   | <b>HA41625</b> | 12                   | 7                        |
| 50   | 35   | <b>HA435</b>   | 14                   | 7                        |
| 70   | 50   | <b>HA450</b>   | 16                   | 7                        |
| 95   | 70   | <b>HA470</b>   | 18                   | 7                        |

## Crimping dies HC 4 / HMC 4

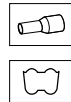


### Suitable for

- C-clamps

| Cross section<br>mm <sup>2</sup> | Part No.      | Crimp width<br>mm |
|----------------------------------|---------------|-------------------|
| 16                               | <b>HC416</b>  | 5                 |
| 25                               | <b>HC425</b>  | 5                 |
| 4 - 4                            | <b>HMC44</b>  | 5                 |
| 10 - 10                          | <b>HMC410</b> | 5                 |
| 10 - 16<br>10 - 25<br>35 - 35    | <b>HMC435</b> | 5                 |

## Crimping dies HAES 4



### Suitable for

- Cable end-sleeves

| Cross section<br>mm <sup>2</sup> | Part No.        | Crimp width<br>mm |
|----------------------------------|-----------------|-------------------|
| 10                               | <b>HAES410S</b> | 10                |
| 16                               | <b>HAES416S</b> | 10                |
| 25                               | <b>HAES425S</b> | 10                |
| 35                               | <b>HAES435S</b> | 10                |
| 50                               | <b>HAES450S</b> | 10                |



### Crimping dies HZAE 4



**Suitable for**

- Twin-cable end-sleeves

| Cross section<br>mm <sup>2</sup> | Part No.       | Crimp width<br>mm |
|----------------------------------|----------------|-------------------|
| 2 x 4                            | <b>HZAE44</b>  | 10                |
| 2 x 6                            | <b>HZAE46</b>  | 10                |
| 2 x 10                           | <b>HZAE410</b> | 10                |
| 2 x 16                           | <b>HZAE416</b> | 10                |

### Crimping dies HZAES 4



**Suitable for**

- Twin-cable end-sleeves
- Special trapezoid crimp for fine stranded conductors

| Cross section<br>mm <sup>2</sup> | Part No.        | Crimp width<br>mm |
|----------------------------------|-----------------|-------------------|
| 2 x 4                            | <b>HZAES44</b>  | 10                |
| 2 x 6                            | <b>HZAES46</b>  | 10                |
| 2 x 10                           | <b>HZAES410</b> | 10                |
| 2 x 16                           | <b>HZAES416</b> | 10                |