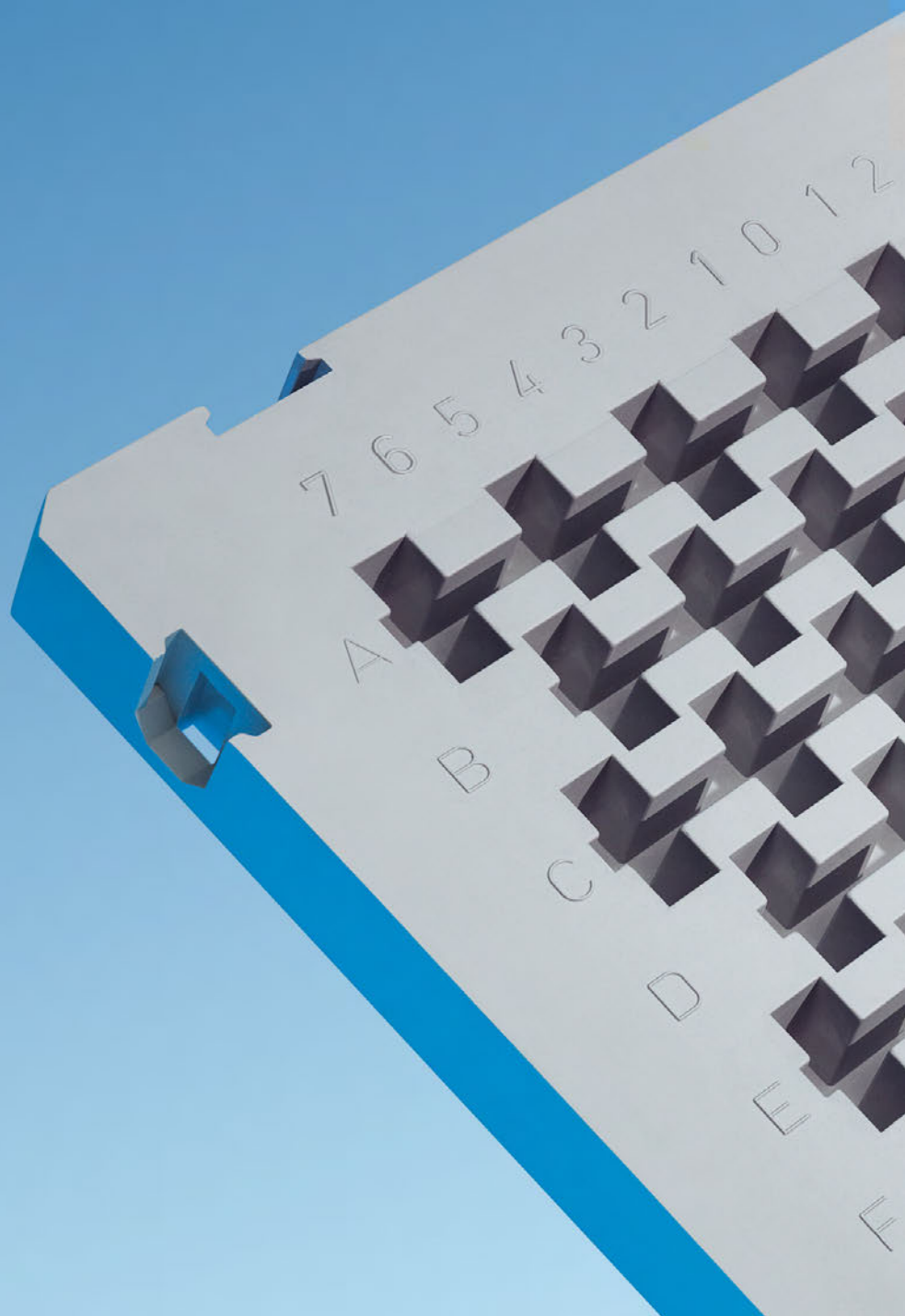
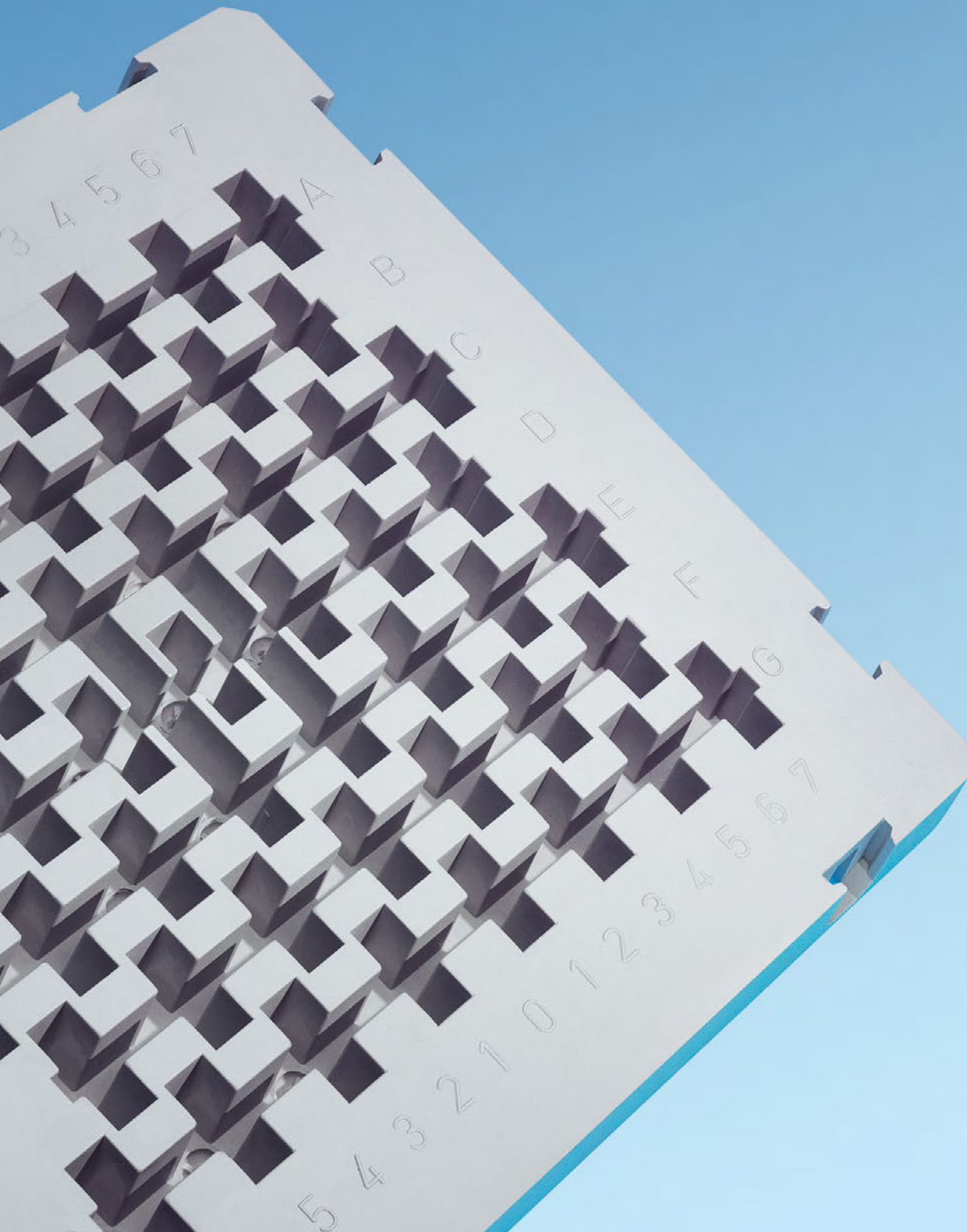


Centre feed unit



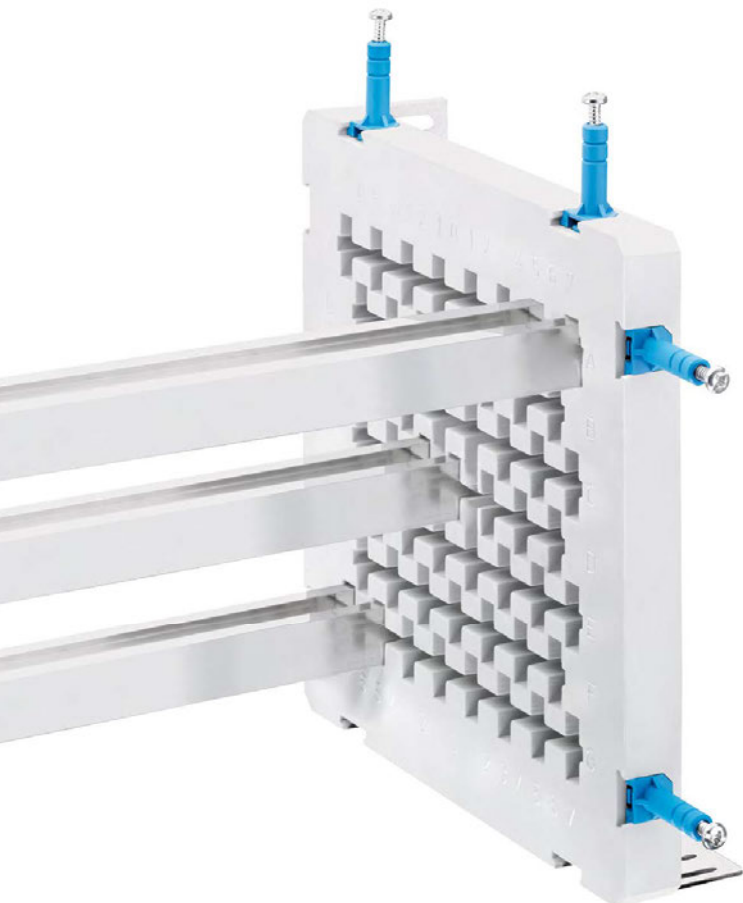


Centre feed unit



Centre feed unit up to 4000 A combines the advantages of high short-circuit capacity, drill-free mounting, brace terminal technology and clearly structured design. The fuseless equipment practice of this system puts high requirements on the short circuit capacity. The busbar supports and centre feed units have been designed specifically for this purpose. This also concerns the large number of different

connection options for copper and aluminium conductors, no matter if they are round conductors or laminated or large flat conductor connections. Industrial production and type tests ensure compliance with the required safety standards. The current rating and short-circuit capacity up to 120 kA determined by means of the type test meet the high requirements put on this system.





Double and triple T and TCC section busbars

The profiled section busbars offer safe distribution of currents up to 4000 A, double T and triple T section busbars can be connected on both sides.

Versions:

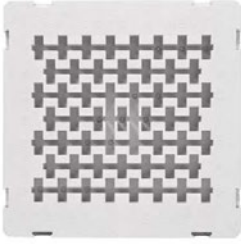
- Double T section busbars
- Triple T section busbars
- TCC section busbars



CRITO® Connection technology

These solutions provide for convenient connection of round conductors, flat conductors and cable lugs. Currents up to 3200 A can be brought to the busbar by the individual components.

- Brace terminal technology
- Round, sectored and flat conductors
- UL listed



Busbar support multi-pole

The busbar supports are suitable for 3 or 4 pole installations. Busbars from 300 to 1140 mm² can be used.

- Variable build up
- Double T and triple T sections busbars can be used



Busbar support 1 pole

The 1 pole lateral busbar support can also accommodate the TCC section busbars.

Busbars from 500 to 1600 mm² can be used

- Variable build up
- Double-T, Triple-T, and TCC section busbars can be used

Centre feed unit

TT and TTT section busbars



Centre feed unit

| Cabinet width | Mounting dimensions | Busbar length | Cross-section mm ² | Pack size | Weight kg/100 u. | PG | | Part No. |
|--------------------------|---------------------|---------------|-------------------------------|-----------|------------------|----|--|----------|
| for cabinet width 600 mm | 488 - 563 | 453 | 500 | 1 | 1434.0 | 11 | | 35007 |
| for cabinet width 800 mm | 688 - 763 | 653 | | 1 | 1716.0 | 11 | | 35006 |
| for cabinet width 600 mm | 488 - 563 | 453 | 720 | 1 | 1716.0 | 11 | | 35005 |
| for cabinet width 800 mm | 688 - 763 | 653 | | 1 | 2488.0 | 11 | | 35004 |
| for cabinet width 600 mm | 488 - 563 | 453 | 1140 | 1 | 2200.0 | 11 | | 35015 |
| for cabinet width 800 mm | 688 - 763 | 653 | | 1 | 2940.0 | 11 | | 35016 |

Universal conductor connection terminal 16 mm² to 300 mm²

| For busbar | Connection min. – max. | Terminal space W x H | For use up to max. | Pack size | Weight kg/100 u. | PG | | Part No. |
|--|--|----------------------|--------------------|-----------|------------------|----|--|----------|
| flat busbars 10 mm and section busbars | 16 - 120 mm ² , AWG 4 - MCM 250 | 17 x 15 | 440 A | 25 | 10.9 | 07 | | 01203 |
| 30 x 10 and section busbars | 95 - 300 mm ² | 41 x 25 | 630 A | 3 | 85.7 | 07 | | 01094 |

Brace terminals for round conductors up to 300 mm²

| For busbar | Connection min. - max. | For use up to max. | Pack size | Weight kg/100 u. | PG | | Part No. |
|--|----------------------------------|--------------------|-----------|------------------|----|--|----------|
| 20, 25, 30 x 5, 10 and section busbars * | Cu / Al 95 - 185 mm ² | 500 A | 6 | 31.2 | 07 | | 01318 |
| 20, 25, 30 x 5, 10 and section busbars * | Cu / Al 95 - 300 mm ² | 600 A | 3 | 42.5 | 07 | | 01760 |

* When using aluminium conductors, observe the maintenance instructions (see 8.2)

Profile terminal, for double-T section busbars, at front and back of busbar section

| Connection cross-section | End feed | Centre feed | Terminal space W x H | Pack size | Weight kg/100 u. | PG | | Part No. |
|-----------------------------|----------|-------------|----------------------|--------------|------------------|-------|----|----------|
| 320 - 800 mm ² | 1600 A | 1600 A | 41 x 20 - 42 | 3 | 67.0 | 07 | | 01185 |
| 500 - 750 mm ² | | | 51 x 5 - 28 | 3 | 70.5 | 07 | | 01906 |
| 600 - 900 mm ² | | | 64 x 5 - 28 | 3 | 84.0 | 07 | | 01907 |
| 500 - 1000 mm ² | | 2000 A | 51 x 20 - 42 | 3 | 73.5 | 07 | | 01936 |
| 600 - 1200 mm ² | | | 64 x 20 - 42 | 3 | 85.9 | 07 | | 01911 |
| 800 - 1600 mm ² | | | 2500 A | 81 x 20 - 42 | 3 | 101.1 | 07 | |
| 1000 - 2000 mm ² | 2500 A | 2800 A | 101 x 20 - 42 | 3 | 113.7 | 07 | | 01935 |
| 320 - 800 mm ² | | 1600 A | 41 x 23 - 45 | 3 | 105.0 | 07 | | 01513 |
| 500 - 1260 mm ² | | 2000 A | 2500 A | 64 x 23 - 45 | 3 | 124.0 | 07 | |
| 1200 - 3600 mm ² | 2500 A | 3200 A | 101 x 23 - 45 | 3 | 172.7 | 07 | | 01186 |

For the connection of flat busbars and laminated copper busbars



Centre feed unit

TT and TTT section busbars



Brace terminals, 55 to 105 mm wide, for flat conductors

| For busbar | Terminal space W x H | End feed | Centre feed | Pack size | Weight kg/100 u. | PG | | Part No. |
|-----------------------------|----------------------|----------|-------------|-----------|------------------|----|--|----------|
| 30 x 10 and section busbars | 55 x 10 - 28 | 1600 A | 2000 A | 3 | 50.0 | 07 | | 01069 |
| 30 x 10 and section busbars | 68 x 10 - 28 | | | 3 | 63.0 | 07 | | 01070 |
| 30 x 10 and section busbars | 105 x 10 - 28 | | 2800 A | 3 | 84.0 | 07 | | 01071 |

For the connection of flat busbars and laminated copper busbars

Clip-on screw connection, attachable, for DIN 46234 cable lugs

| For busbar | Terminal space W x H | For use up to max. | Pack size | Weight kg/100 u. | PG | | Part No. |
|---|----------------------|--------------------|-----------|------------------|----|--|----------|
| 12, 15, 20, 25, 30 x 10 and section busbars | M8 x 8 | 490 A | 20 | 16.5 | 07 | | 01514 |
| 12, 15, 20, 25, 30 x 10 and section busbars | M10 x 10 | 630 A | 6 | 36.2 | 07 | | 01047 |

Laminated copper busbars, insulated, length 2 m

| Dimensions (Number of laminates x width x thickness) | Rated current at 30 K | Rated current at 50 K | Cross-section mm ² | Pack size | Weight kg/100 u. | PG | | Part No. |
|--|-----------------------|-----------------------|-------------------------------|-----------|------------------|----|--|----------|
| 10 x 40 x 1 | 774 A | 1053 A | 400 | 1 | 746.0 | 06 | | 01615 |
| 10 x 50 x 1 | 914 A | 1244 A | 500 | 1 | 932.0 | 06 | | 01509 |
| 10 x 63 x 1 | 1088 A | 1481 A | 630 | 1 | 1180.0 | 06 | | 01510 |
| 10 x 80 x 1 | 1305 A | 1777 A | 800 | 1 | 1490.0 | 06 | | 01061 |
| 10 x 100 x 1 | 1550 A | 2110 A | 1000 | 1 | 1870.0 | 06 | | 01273 |

You will find more laminated copper bars in the "accessories" chapter

Components, for individual mounting

| Article | Type | Pack size | Weight kg/100 u. | PG | | Part No. |
|--------------------------------|---|-----------|------------------|----|--|----------|
| busbar support, lateral | for centre feed unit with double T and triple T busbars | 2 | 458.0 | 11 | | 35008 |
| busbar support, 4-pole, centre | for centre feed unit with double T busbars | 1 | 458.0 | 11 | | 35009 |
| busbar support, 3-pole, centre | for centre feed unit with triple T busbars | 1 | 458.0 | 11 | | 35001 |
| additional cover holder | for centre feed unit | 4 | 1.4 | 11 | | 35017 |

Section busbars, copper

| Article | Type | Busbar length | Pack size | Weight kg/100 u. | PG | | Part No. |
|--|-----------------------|---------------|-----------|------------------|----|---|----------|
| double-T section busbar 500 mm ² | length 453 mm, tinned | 453 | 1 | 200.6 | 06 | | 01225 |
| double-T section busbar 500 mm ² | length 650 mm, tinned | 650 | 1 | 288.1 | 06 | | 01226 |
| double-T section busbar 720 mm ² | length 453 mm, tinned | 453 | 1 | 293.3 | 06 | - | 01838 |
| double-T section busbar 720 mm ² | length 653 mm, tinned | 653 | 1 | 424.0 | 06 | - | 01831 |
| triple-T section busbar 1140 mm ² | length 453 mm, tinned | 453 | 1 | 464.0 | 06 | | 01188 |
| triple-T section busbar 1140 mm ² | length 653 mm, tinned | 653 | 1 | 672.3 | 06 | | 01189 |

For current carrying capacity of the busbars visit www.woehner.com



Centre feed unit

TT, TTT and TCC section busbars



Busbar holder, 1-pole, lateral

| Type | Pack size | Weight kg/100 u. | PG | Part No. |
|------------------------------------|-----------|------------------|----|--------------|
| for section busbar TT, TTT and TCC | 6 | 11.0 | 06 | 01369 |

Section busbar, copper, tin-plated

| Type | Length | Pack size | Weight kg/100 u. | PG | Part No. |
|---|--------|-----------|------------------|----|--------------|
| TCC section busbar 1600 mm ² | 2400 | 1 | 3416.0 | 06 | 01610 |

For current carrying capacity of the busbars visit www.woehner.com

Connection screw, with nut and spring washer for TCC section busbars

| Type | Connection | Pack size | Weight kg/100 u. | PG | Part No. |
|---|------------|-----------|------------------|----|--------------|
| hammer-head screw for TCC-profile, with nut and spring washer | M 10 x 45 | 12 | 5.1 | 07 | 01379 |
| bolt for TCC-profile, with nut and spring washer | M 12 x 60 | 12 | 9.1 | 07 | 01380 |

For current carrying capacity of the busbars visit www.woehner.com

Brace terminal, 95 to 300 mm², for round conductors

| For busbar | Connection mm ² | For use up to max. | Pack size | Weight kg/100 u. | PG | Part No. |
|--|----------------------------|--------------------|-----------|------------------|----|--------------|
| 20, 25, 30 x 5, 10 and section busbars | * 95 - 185 | 500 A | 6 | 31.2 | 07 | 01318 |
| 20, 25, 30 x 5, 10 and section busbars | * 120 - 300 | 600 A | 3 | 42.5 | 07 | 01760 |

* When using aluminium conductors, observe the maintenance instructions (see 8.2)

Brace terminal, 30 to 105 mm wide, for flat conductors

| For busbar | Terminal space W x H | End feed | Centre feed | Pack size | Weight kg/100 u. | PG | Part No. |
|--|----------------------|----------|-------------|-----------|------------------|----|--------------|
| 20, 25, 30 x 5, 10 and section busbars | 30 x 20 | 630 A | 750 A | 6 | 30.3 | 07 | 01319 |
| | 32 x 20 | | 800 A | 3 | 34.7 | 07 | 01759 |
| 30 x 10 and section busbars | 55 x 10 - 28 | 1600 A | 2000 A | 3 | 50.0 | 07 | 01069 |
| | 68 x 10 - 28 | | | 3 | 63.0 | 07 | 01070 |
| | 105 x 10 - 28 | | 2800 A | 3 | 84.0 | 07 | 01071 |



