

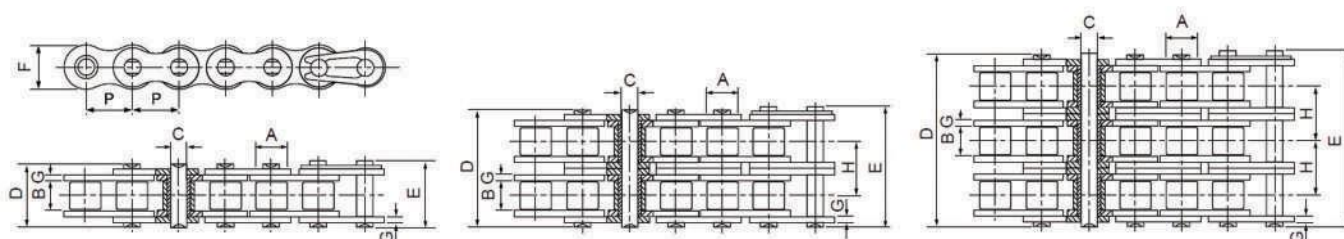

**ROLLENKETTEN**

**ROLLEN KETTEN DIN8187-ISO/R 606**
**Beschreibung**

Rollenketten werden nach international anerkannten Normen gefertigt. In Europa gilt die Norm ISO/R 606-1982 (DIN 8187), während in den USA überwiegend die ANSI-Norm (DIN 8188) Anwendung findet.

Rollenketten sind in folgenden Ausführungen erhältlich: Simplex (-1), Duplex (-2);, Triplex (-3). Je nach Einsatzbereich sind verschiedene Materialien und Beschichtungen verfügbar, darunter: Edelstahl (SS), Vernickelt (NP), Verzinkt (ZP).

Zusätzlich sind verschiedene Anbauteile sowie Verbindungsoptionen erhältlich: Kettenschlösser (CL), Einfach-Versatzglieder (OL), Doppel-Versatzglieder (DOL)

**AMERICANISCHE STANDARD KETTE**


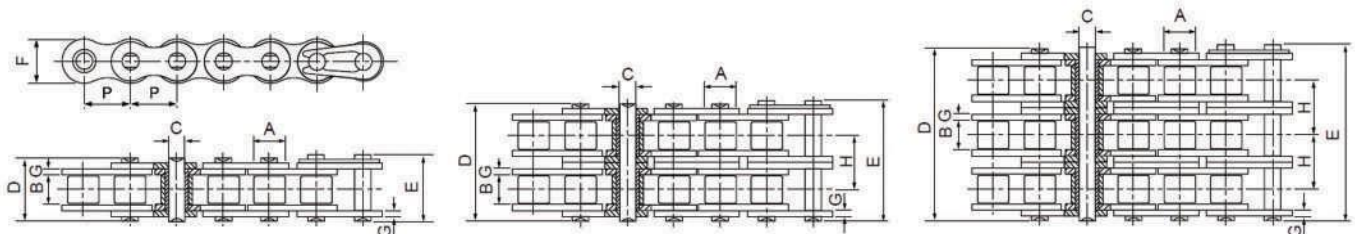
| Ref.            | Teilung | Rollen | Innen<br>Glieder<br>Breite<br>B mm | Bolzen<br>C mm | Breite |        | Laschen<br>Höhe<br>F mm | Platten<br>Breite<br>g/G mm | Quert-<br>eilung<br>H mm | Bruchkraft<br>ISO<br>kN mm | Bruch-<br>kraft<br>kN mm | Gew-<br>icht<br>kg/m |
|-----------------|---------|--------|------------------------------------|----------------|--------|--------|-------------------------|-----------------------------|--------------------------|----------------------------|--------------------------|----------------------|
|                 | P mm    |        |                                    |                | D mm   | E mm   |                         |                             |                          |                            |                          |                      |
| <b>SIMPLEX</b>  |         |        |                                    |                |        |        |                         |                             |                          |                            |                          |                      |
| <b>ASA25-1*</b> | 6.350   | 3.30   | 3.18                               | 2.31           | 7.90   | 8.40   | 6.00                    | 0.80                        | -                        | 3.5                        | 4.6                      | 0.15                 |
| <b>ASA35-1*</b> | 9.525   | 5.08   | 4.77                               | 3.58           | 12.40  | 13.17  | 9.00                    | 1.30                        | -                        | 7.9                        | 10.8                     | 0.33                 |
| <b>ASA41-1*</b> | 12.700  | 7.77   | 6.25                               | 3.58           | 13.75  | 15.00  | 9.91                    | 1.30                        | -                        | 6.7                        | 12.6                     | 0.41                 |
| <b>ASA40-1*</b> | 12.700  | 7.95   | 7.85                               | 3.96           | 16.60  | 17.80  | 12.00                   | 1.50                        | -                        | 14.1                       | 17.5                     | 0.62                 |
| <b>ASA50-1*</b> | 15.875  | 10.16  | 9.40                               | 5.08           | 20.70  | 22.20  | 15.09                   | 2.03                        | -                        | 22.2                       | 29.4                     | 1.02                 |
| <b>ASA60-1</b>  | 19.050  | 11.91  | 12.57                              | 5.94           | 25.90  | 27.70  | 18.00                   | 2.42                        | -                        | 31.8                       | 41.5                     | 1.50                 |
| <b>ASA80-1</b>  | 25.400  | 15.88  | 15.75                              | 7.92           | 32.70  | 35.00  | 24.00                   | 3.25                        | -                        | 56.7                       | 69.4                     | 2.60                 |
| <b>ASA100-1</b> | 31.750  | 19.05  | 18.90                              | 9.53           | 40.40  | 44.70  | 30.00                   | 4.00                        | -                        | 88.5                       | 109.2                    | 3.91                 |
| <b>ASA120-1</b> | 38.100  | 22.23  | 25.22                              | 11.10          | 50.30  | 54.30  | 35.70                   | 4.80                        | -                        | 127.0                      | 156.3                    | 5.62                 |
| <b>ASA140-1</b> | 44.450  | 25.40  | 25.22                              | 12.70          | 54.40  | 59.00  | 41.00                   | 5.60                        | -                        | 172.4                      | 212.0                    | 7.50                 |
| <b>ASA160-1</b> | 50.800  | 28.58  | 32.55                              | 14.27          | 64.80  | 69.60  | 47.80                   | 6.40                        | -                        | 226.8                      | 278.9                    | 10.10                |
| <b>ASA180-1</b> | 57.150  | 35.71  | 35.48                              | 17.46          | 72.80  | 78.60  | 53.60                   | 7.20                        | -                        | 280.2                      | 341.8                    | 13.45                |
| <b>ASA200-1</b> | 63.500  | 39.68  | 37.85                              | 19.85          | 80.30  | 87.20  | 60.00                   | 8.00                        | -                        | 353.8                      | 431.6                    | 16.15                |
| <b>ASA240-1</b> | 76.200  | 47.63  | 47.35                              | 23.81          | 95.50  | 103.00 | 72.39                   | 9.50                        | -                        | 510.3                      | 622.5                    | 23.20                |

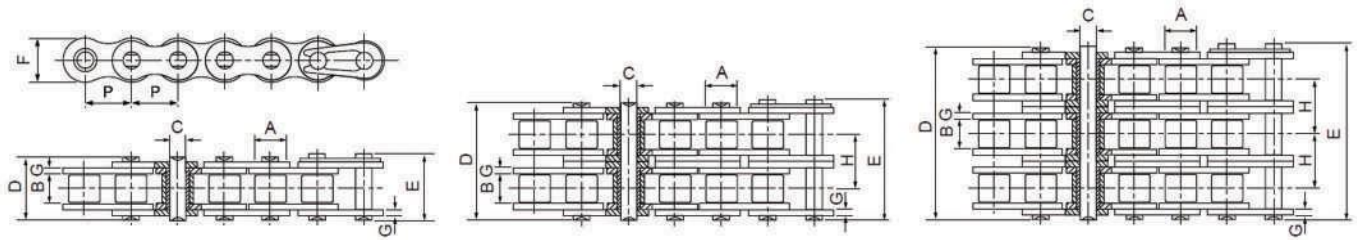
\* Bezeichnet gerade Seitenplatten

## AMERICANISCHE STANDARD KETTE

| Ref.           | Teilung | Rollen | Innen<br>Glied<br>Breite | Bolzen | Breite |        | Laschen<br>Höhe | Platen<br>Breite | Quert-<br>eilung | Bruchkraft<br>ISO | Bruch-<br>kraft | Gew-<br>icht |
|----------------|---------|--------|--------------------------|--------|--------|--------|-----------------|------------------|------------------|-------------------|-----------------|--------------|
|                | P mm    | A mm   | B mm                     | C mm   | D mm   | E mm   | F mm            | g/G mm           | H mm             | kN mm             | kN mm           | kg/m         |
| <b>DUPLEX</b>  |         |        |                          |        |        |        |                 |                  |                  |                   |                 |              |
| ASA25-2*       | 6.350   | 3.30   | 3.18                     | 2.31   | 14.50  | 15.00  | 6.00            | 0.80             | 6.40             | 7.0               | 8.6             | 0.28         |
| ASA35-2*       | 9.525   | 5.08   | 4.77                     | 3.58   | 22.50  | 23.30  | 9.00            | 1.30             | 10.13            | 15.8              | 19.7            | 0.63         |
| ASA41-2        | 12.700  | 7.77   | 6.25                     | 3.58   | 25.70  | 26.90  | 9.91            | 1.30             | 11.95            | 13.3              | 16.9            | 0.81         |
| ASA40-2        | 12.700  | 7.95   | 7.85                     | 3.96   | 31.00  | 32.20  | 12.00           | 1.50             | 14.38            | 28.2              | 35.9            | 1.12         |
| ASA50-2        | 15.875  | 10.16  | 9.40                     | 5.08   | 38.90  | 40.40  | 15.09           | 2.03             | 18.11            | 44.4              | 58.1            | 2.00         |
| ASA60-2        | 19.050  | 11.91  | 12.57                    | 5.94   | 48.80  | 50.50  | 18.00           | 2.42             | 22.78            | 63.6              | 82.1            | 2.92         |
| ASA80-2        | 25.400  | 15.88  | 15.75                    | 7.92   | 62.70  | 64.30  | 24.00           | 3.25             | 29.29            | 113.4             | 141.8           | 5.15         |
| ASA100-2       | 31.750  | 19.05  | 18.90                    | 9.53   | 76.40  | 80.50  | 30.00           | 4.00             | 35.76            | 177.0             | 219.4           | 7.80         |
| ASA120-2       | 38.100  | 22.23  | 25.22                    | 11.10  | 95.80  | 99.70  | 35.70           | 4.80             | 45.44            | 254.0             | 314.9           | 11.70        |
| ASA140-2       | 44.450  | 25.40  | 25.22                    | 12.70  | 103.30 | 107.90 | 41.00           | 5.60             | 48.87            | 344.8             | 427.5           | 15.14        |
| ASA160-2       | 50.800  | 28.58  | 31.55                    | 14.27  | 123.30 | 128.10 | 47.80           | 6.40             | 58.55            | 453.6             | 562.4           | 20.14        |
| ASA180-2       | 57.150  | 35.71  | 35.48                    | 17.46  | 138.60 | 144.40 | 53.60           | 7.20             | 65.84            | 560.5             | 695.0           | 29.22        |
| ASA200-2       | 63.500  | 39.68  | 37.85                    | 19.85  | 151.90 | 158.80 | 60.00           | 8.00             | 71.55            | 707.6             | 877.4           | 32.24        |
| ASA240-2       | 76.200  | 47.63  | 47.35                    | 23.81  | 183.40 | 190.80 | 72.39           | 9.50             | 87.83            | 1020.6            | 1255.3          | 45.23        |
| <b>TRIPLEX</b> |         |        |                          |        |        |        |                 |                  |                  |                   |                 |              |
| ASA25-3*       | 6.350   | 3.30   | 3.18                     | 2.31   | 21.00  | 21.50  | 6.00            | 0.80             | 6.40             | 10.5              | 12.6            | 0.44         |
| ASA35-3*       | 9.525   | 5.08   | 4.77                     | 3.58   | 32.70  | 33.50  | 9.00            | 1.30             | 10.13            | 23.7              | 28.6            | 1.05         |
| ASA40-3        | 12.700  | 7.95   | 7.85                     | 3.96   | 45.40  | 46.60  | 12.00           | 1.50             | 14.38            | 42.3              | 50.0            | 1.90         |
| ASA50-3        | 15.875  | 10.16  | 9.40                     | 5.08   | 57.00  | 58.50  | 15.09           | 2.03             | 18.11            | 66.6              | 77.8            | 3.09         |
| ASA60-3        | 19.050  | 11.91  | 12.57                    | 5.94   | 71.50  | 73.30  | 18.00           | 2.42             | 22.78            | 95.4              | 111.1           | 4.54         |
| ASA80-3        | 25.400  | 15.88  | 15.75                    | 7.92   | 91.70  | 93.60  | 24.00           | 3.25             | 29.29            | 170.1             | 198.4           | 7.89         |
| ASA100-3       | 31.750  | 19.05  | 18.90                    | 9.53   | 112.20 | 116.30 | 30.00           | 4.00             | 35.76            | 265.5             | 309.6           | 11.77        |
| ASA120-3       | 38.100  | 22.23  | 25.22                    | 11.10  | 141.40 | 145.20 | 35.70           | 4.80             | 45.44            | 381.0             | 437.2           | 17.53        |
| ASA140-3       | 44.450  | 25.40  | 25.22                    | 12.70  | 152.20 | 156.80 | 41.00           | 5.60             | 48.87            | 517.2             | 593.3           | 22.20        |
| ASA160-3       | 50.800  | 28.58  | 31.55                    | 14.27  | 181.80 | 186.60 | 47.80           | 6.40             | 58.55            | 680.4             | 780.6           | 30.02        |
| ASA180-3       | 57.150  | 35.71  | 35.48                    | 17.46  | 204.40 | 210.20 | 53.60           | 7.20             | 65.84            | 840.7             | 983.6           | 38.22        |
| ASA200-3       | 63.500  | 39.68  | 37.85                    | 19.85  | 223.50 | 230.40 | 60.00           | 8.00             | 71.55            | 1061.4            | 1217.8          | 49.03        |
| ASA240-3       | 76.200  | 47.63  | 47.35                    | 23.81  | 271.30 | 278.60 | 72.39           | 9.50             | 87.83            | 1530.9            | 1756.5          | 71.60        |

\* Bezeichnet gerade Seitenplatten

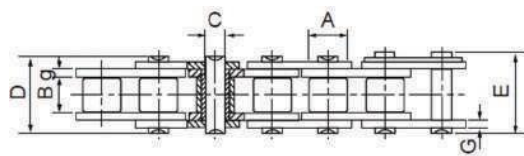
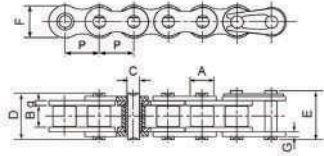




## AMERICANISCHE STANDARD KETTE (H)

| Ref.      | Teilung | Rollen<br><br>A<br>mm | Innen<br>Glied<br>Breite<br>B mm | Bolzen<br><br>C mm | Breite |        | Laschen<br>Höhe<br><br>F mm | Platen<br>Breite<br><br>g/G mm | Quert-<br>eilung<br><br>H mm | Bruchkraft<br>ISO<br><br>kN mm | Bruch-<br>kraft<br><br>kN mm | Gew-<br>icht<br><br>kg/m |
|-----------|---------|-----------------------|----------------------------------|--------------------|--------|--------|-----------------------------|--------------------------------|------------------------------|--------------------------------|------------------------------|--------------------------|
|           | P mm    |                       |                                  |                    | D mm   | E mm   |                             |                                |                              |                                |                              |                          |
| SIMPLEX   |         |                       |                                  |                    |        |        |                             |                                |                              |                                |                              |                          |
| ASA40H-1  | 12.700  | 7.95                  | 7.85                             | 3.96               | 18.80  | 19.90  | 12.00                       | 2.03                           | -                            | 14.10                          | 19.10                        | 0.62                     |
| ASA50H-1  | 15.875  | 10.16                 | 9.40                             | 5.08               | 22.10  | 23.40  | 15.09                       | 2.42                           | -                            | 22.20                          | 30.20                        | 1.25                     |
| ASA60H-1  | 19.050  | 11.91                 | 12.57                            | 5.94               | 29.20  | 31.00  | 18.00                       | 3.25                           | -                            | 31.80                          | 42.70                        | 1.87                     |
| ASA80H-1  | 25.400  | 15.88                 | 15.75                            | 7.92               | 36.20  | 37.70  | 24.00                       | 4.00                           | -                            | 56.70                          | 71.40                        | 3.10                     |
| ASA100H-1 | 31.750  | 19.05                 | 18.90                            | 9.53               | 43.60  | 46.90  | 30.00                       | 4.80                           | -                            | 88.50                          | 112.40                       | 4.52                     |
| ASA120H-1 | 38.100  | 22.23                 | 25.22                            | 11.10              | 53.50  | 57.50  | 35.70                       | 5.60                           | -                            | 127.00                         | 160.90                       | 6.60                     |
| ASA140H-1 | 44.450  | 25.40                 | 25.22                            | 12.70              | 57.60  | 62.20  | 41.00                       | 6.40                           | -                            | 172.40                         | 217.30                       | 8.30                     |
| ASA160H-1 | 50.800  | 28.58                 | 31.55                            | 14.27              | 68.20  | 73.00  | 47.80                       | 7.20                           | -                            | 226.80                         | 285.80                       | 10.30                    |
| ASA200H-1 | 63.500  | 39.68                 | 37.85                            | 19.85              | 86.60  | 93.50  | 60.00                       | 9.50                           | -                            | 353.80                         | 444.50                       | 19.16                    |
| DUPLEX    |         |                       |                                  |                    |        |        |                             |                                |                              |                                |                              |                          |
| ASA60H-2  | 19.050  | 11.91                 | 12.57                            | 5.94               | 55.30  | 57.10  | 18.00                       | 3.25                           | 26.11                        | 63.60                          | 84.50                        | 3.71                     |
| ASA80H-2  | 25.400  | 15.88                 | 15.75                            | 7.92               | 68.80  | 70.30  | 24.00                       | 4.00                           | 32.59                        | 113.40                         | 145.30                       | 6.15                     |
| ASA100H-2 | 31.750  | 19.05                 | 18.90                            | 9.53               | 82.70  | 86.00  | 30.00                       | 4.80                           | 39.09                        | 177.00                         | 225.90                       | 9.03                     |
| ASA120H-2 | 38.100  | 22.23                 | 25.22                            | 11.10              | 102.40 | 106.40 | 35.70                       | 5.60                           | 48.87                        | 254.00                         | 322.70                       | 13.13                    |
| ASA140H-2 | 44.450  | 25.40                 | 25.22                            | 12.70              | 109.80 | 114.40 | 41.00                       | 6.40                           | 52.20                        | 344.00                         | 437.70                       | 16.60                    |
| ASA160H-2 | 50.800  | 28.58                 | 31.55                            | 14.27              | 130.10 | 134.90 | 47.80                       | 7.20                           | 61.90                        | 453.60                         | 571.60                       | 20.20                    |
| ASA200H-2 | 63.500  | 39.68                 | 37.85                            | 19.85              | 164.90 | 171.80 | 60.00                       | 9.50                           | 78.31                        | 707.60                         | 894.90                       | 38.11                    |
| TRIPLEX   |         |                       |                                  |                    |        |        |                             |                                |                              |                                |                              |                          |
| ASA60H-3  | 19.050  | 11.91                 | 12.57                            | 5.94               | 81.40  | 83.20  | 18.00                       | 3.25                           | 26.11                        | 95.40                          | 113.90                       | 5.54                     |
| ASA80H-3  | 25.400  | 15.88                 | 15.75                            | 7.92               | 101.40 | 102.90 | 24.00                       | 4.00                           | 32.59                        | 170.10                         | 203.50                       | 9.42                     |
| ASA100H-3 | 31.750  | 19.05                 | 18.90                            | 9.53               | 121.80 | 125.10 | 30.00                       | 4.80                           | 39.09                        | 265.50                         | 314.80                       | 12.96                    |
| ASA120H-3 | 38.100  | 22.23                 | 25.22                            | 11.10              | 151.20 | 155.20 | 35.70                       | 5.60                           | 48.87                        | 381.00                         | 444.70                       | 19.64                    |
| ASA140H-3 | 44.450  | 25.40                 | 25.22                            | 12.70              | 162.00 | 166.60 | 41.00                       | 6.40                           | 52.20                        | 517.20                         | 598.40                       | 24.90                    |
| ASA160H-3 | 50.800  | 28.58                 | 31.55                            | 14.27              | 192.00 | 196.80 | 47.80                       | 7.20                           | 61.90                        | 680.40                         | 787.30                       | 30.10                    |
| ASA200H-3 | 63.500  | 39.68                 | 37.85                            | 19.85              | 243.20 | 250.10 | 60.00                       | 9.50                           | 78.31                        | 1061.40                        | 1228.20                      | 57.06                    |

\* Bezeichnet gerade Seitenplatten



## EDELSTAHLKETTE

| ISO Ref.   | ASA Ref.  | Teilung P mm | Rollen A mm | Innen Glied Breite B mm | Bolzen C mm | Breite |       | Laschen Höhe F mm | Platen Breite g/G mm | Bruchkraft ISO kN mm | Bruchkraft kN mm | Gewicht kg/m |
|------------|-----------|--------------|-------------|-------------------------|-------------|--------|-------|-------------------|----------------------|----------------------|------------------|--------------|
|            |           |              |             |                         |             | D mm   | E mm  |                   |                      |                      |                  |              |
| -          | ASA35 SS  | 9.525        | 5.08        | 4.77                    | 3.58        | 12.40  | 13.17 | 9.00              | 1.30                 | 5.50                 | 6.60             | 0.33         |
| -          | ASA40 SS  | 12.700       | 7.95        | 7.85                    | 3.96        | 16.60  | 17.80 | 12.00             | 1.50                 | 9.60                 | 10.80            | 0.63         |
| -          | ASA50 SS  | 15.875       | 10.16       | 9.40                    | 5.08        | 20.70  | 22.20 | 15.09             | 2.03                 | 15.20                | 17.20            | 1.03         |
| -          | ASA60 SS  | 19.050       | 11.91       | 12.57                   | 5.94        | 25.90  | 27.70 | 18.00             | 2.42                 | 21.70                | 26.40            | 1.51         |
| -          | ASA80 SS  | 25.400       | 15.88       | 15.75                   | 7.92        | 32.70  | 35.00 | 24.00             | 3.25                 | 38.90                | 46.60            | 2.62         |
| -          | ASA100 SS | 31.750       | 19.05       | 18.90                   | 9.53        | 40.00  | 44.70 | 30.00             | 4.00                 | 60.00                | 70.20            | 3.94         |
| ASA04B SS  | -         | 6.000        | 4.00        | 2.80                    | 1.85        | 6.80   | 7.80  | 5.00              | 0.60                 | 2.00                 | 2.40             | 0.11         |
| ASA05B SS  | -         | 8.000        | 5.00        | 3.00                    | 2.31        | 8.20   | 8.90  | 7.10              | 0.80                 | 3.50                 | 4.10             | 0.20         |
| ASA06B SS* | -         | 9.525        | 6.35        | 5.72                    | 3.28        | 13.15  | 14.10 | 8.20              | 1.30                 | 6.20                 | 6.80             | 0.41         |
| ASA08B SS  | -         | 12.700       | 8.51        | 7.75                    | 4.45        | 16.70  | 18.20 | 11.80             | 1.60                 | 12.00                | 14.30            | 0.70         |
| ASA10B SS  | -         | 15.875       | 10.16       | 9.65                    | 5.08        | 19.50  | 20.90 | 14.70             | 1.70                 | 14.50                | 17.20            | 0.94         |
| ASA12B SS  | -         | 19.050       | 12.07       | 11.68                   | 5.72        | 22.50  | 24.20 | 16.00             | 1.85                 | 18.50                | 20.90            | 1.16         |
| ASA16B SS  | -         | 25.400       | 15.88       | 17.02                   | 8.28        | 36.10  | 37.40 | 21.00             | 4.15/3.1             | 40.00                | 47.60            | 2.73         |
| ASA20B SS  | -         | 31.750       | 19.05       | 19.56                   | 10.19       | 41.30  | 45.00 | 26.40             | 4.5/3.5              | 59.00                | 69.60            | 3.73         |

## VERNICKELTE KETTE

| ISO Ref.   | ASA Ref.  | Teilung P mm | Rollen A mm | Innen Glied Breite B mm | Bolzen C mm | Breite |       | Laschen Höhe F mm | Platen Breite g/G mm | Bruchkraft ISO kN mm | Bruchkraft kN mm | Gewicht kg/m |
|------------|-----------|--------------|-------------|-------------------------|-------------|--------|-------|-------------------|----------------------|----------------------|------------------|--------------|
|            |           |              |             |                         |             | D mm   | E mm  |                   |                      |                      |                  |              |
| -          | ASA25 NP* | 6.350        | 3.30        | 3.18                    | 2.31        | 7.90   | 8.40  | 6.00              | 0.80                 | 3.50                 | 4.60             | 0.15         |
| -          | ASA35 NP* | 9.525        | 5.08        | 4.77                    | 3.58        | 12.40  | 13.17 | 9.00              | 1.30                 | 7.90                 | 10.80            | 0.33         |
| -          | ASA41 NP  | 12.700       | 7.77        | 6.25                    | 3.58        | 13.75  | 15.00 | 9.91              | 1.30                 | 6.67                 | 12.60            | 0.41         |
| -          | ASA40 NP  | 12.700       | 7.95        | 7.85                    | 3.96        | 16.60  | 17.80 | 12.00             | 1.50                 | 14.10                | 17.50            | 0.62         |
| -          | ASA50 NP  | 15.875       | 10.16       | 9.40                    | 5.08        | 20.70  | 22.20 | 15.09             | 2.03                 | 22.20                | 29.40            | 1.02         |
| -          | ASA60 NP  | 19.050       | 11.91       | 12.57                   | 5.94        | 25.90  | 27.70 | 18.00             | 2.42                 | 31.80                | 41.50            | 1.50         |
| -          | ASA80 NP  | 24.400       | 15.88       | 15.75                   | 7.92        | 32.70  | 35.00 | 24.00             | 3.25                 | 56.70                | 69.40            | 2.60         |
| -          | ASA100 NP | 31.750       | 19.05       | 18.90                   | 9.53        | 40.40  | 44.70 | 30.00             | 4.00                 | 88.50                | 109.20           | 3.91         |
| ASA04B NP  | -         | 6.000        | 4.00        | 2.80                    | 1.85        | 6.80   | 7.80  | 5.00              | 0.60                 | 3.00                 | 3.20             | 0.11         |
| ASA05B NP  | -         | 8.000        | 5.00        | 3.00                    | 2.31        | 8.20   | 8.90  | 7.10              | 0.80                 | 5.00                 | 5.90             | 0.20         |
| ASA06B NP* | -         | 9.525        | 6.35        | 5.72                    | 3.28        | 13.15  | 14.10 | 8.20              | 1.30                 | 9.00                 | 10.40            | 0.41         |
| ASA08B NP  | -         | 12.700       | 8.51        | 7.75                    | 4.45        | 16.70  | 18.20 | 11.80             | 1.60                 | 18.00                | 19.40            | 0.69         |
| ASA10B NP  | -         | 15.875       | 10.16       | 9.65                    | 5.08        | 19.50  | 20.90 | 14.70             | 1.70                 | 22.40                | 27.50            | 0.93         |
| ASA12B NP  | -         | 19.050       | 12.07       | 11.68                   | 5.72        | 22.50  | 24.20 | 16.00             | 1.85                 | 29.00                | 32.20            | 1.15         |
| ASA16B NP  | -         | 25.400       | 15.88       | 17.02                   | 8.28        | 36.10  | 37.40 | 21.00             | 4.15/3.1             | 60.00                | 72.80            | 2.71         |
| ASA20B NP  | -         | 31.750       | 19.05       | 19.56                   | 10.19       | 41.30  | 45.00 | 26.40             | 4.5/3.5              | 95.00                | 106.70           | 3.70         |

\* Bezeichnet gerade Seitenplatten