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# Manschetten (Nutringe) Abstreifer Hut- & Topfmanschetten

Ausführung: Februar 2024

Lager- und Preislisten

Nutringe (Manschetten) Ausführung N Nitril (3.2)  
Nutringe (Manschetten) Ausführung AUN Polyurethan (3.9)  
Kolbendichtungen – aussen dichtend (3.13)  
Stangendichtungen – innen dichtend (3.17)  
Abstreifer (3.22)  
Hutmanschetten (3.29)  
Topfmanschetten (3.31)  
Komplettkolben (3.34)

## **MONTAGEZANGE FÜR NUTRING-STANGENDICHTUNGEN**

Das Montagezangen-Set wurde speziell für die vereinfachte Montage von Nutringen (Stangendichtungen) mit einem Bohrungsdurchmesser von 22 - 165 mm entwickelt. Durch das Verformen der Dichtung wird dessen Einbau in geschlossenen Nuten mühelos möglich. Die Dichtung wird somit kleiner und kann anschliessend in die Nut gelegt werden. Der enthaltene Halteblock dient zur Hilfe für die Verformung des Nutringes. Dieses 5-teilige Montage-Set wird in einer praktischen und robusten Box ausgeliefert.

### **Im kompakten Montage-Set 67189704 ist enthalten:**

Montagezangen S, M, L und XL sowie ein Halteblock (dritte Hand).

Die vier Montagezangen werden für Nutringe in verschiedenen Grössen eingesetzt:

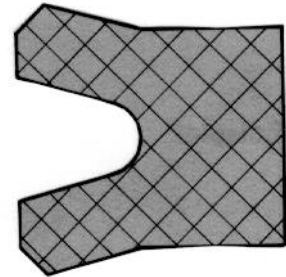
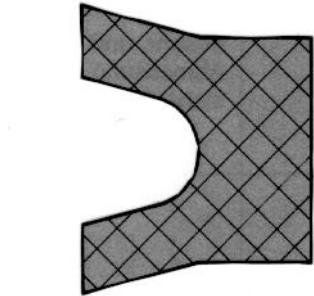
| Montagezange            | S        | M        | L        | XL        |
|-------------------------|----------|----------|----------|-----------|
| Bohrungs- $\varnothing$ | 22-30 mm | 30-50 mm | 50-70 mm | 70-165 mm |
| Max. Nutringhöhe        | 5 mm     | 6 mm     | 10 mm    | 17.5 mm   |

|                                                                                                                                                                                                |                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| 1.) Fixieren Sie den Griff der Zange in einem Loch der Standplatte und platzieren Sie die Dichtung wie dargestellt zwischen die Montagefinger der Zange.                                       |  |
| 2.) Schwenken Sie nun die Griffe der Zange, um die Dichtung in eine Nierenform zu bringen. Führen Sie dabei die Dichtung mit der zweiten Hand so, dass sie nicht abspringt oder sich verdreht. |  |
| 3.) Halten sie die Griffe der Zange mit der Hand fest und führen sie die Zange mit der fixierten Dichtung vorsichtig in ihren vorgesehenen Einbauraum.                                         |  |
| 4.) Schwenken Sie die Griffe der Zange wieder in ihre Ursprungsposition und lassen somit die Dichtung in ihren Einbauraum einschnappen.                                                        |  |

### **Verkaufspreis:**

Artikel-Nr. 67189704

1 Stück Fr. 120.-- netto/Stk.

**NUTRINGE (MANSCHETTEN)**

Dichtungen mit symmetrischem Profil der Dichtlippen für Stangen und Kolben.

**Werkstoffe:**

Baureihe N1 (z. B. N 4-1) und  
Baureihe N100 (z. B. N 35-107) Nitril (NBR) schwarz

Baureihe AUN1 (z. B. AUN 16-37) und  
Baureihe AUN100 (z. B. AUN 35-107) Polyurethan  
(AU) weiss

**Medien:**

Mineralöle, Druckflüssigkeiten HFA, HFB, HFC

**Betriebsdruck:**

|                 |         |
|-----------------|---------|
| Baureihe N1     | 100 bar |
| Baureihe N100   | 160 bar |
| Baureihe AUN1   | 200 bar |
| Baureihe AUN100 | 300 bar |

**Temperatur:**

-30 bis +100 °C Werkstoff NBR  
-30 bis +100 °C Werkstoff AU  
+50 °C in HFA, HFB, HFC Werkstoff AU

**Gleitgeschwindigkeit:**

≤ 0.5m/sec.

**NUTRINGE N1 + N100 (NITRIL SCHWARZ) – LAGERLISTE**

Die nachstehend aufgeführten Nutringe sind bei uns vorrätig. Sollten Sie eine Abmessung nicht finden, bitten wir Sie trotzdem anzufragen, da wir unser Lager laufend erweitern.

| <b>Abmessung<br/>d x D x b</b> | <b>Artikel Nr.</b> | <b>1 – 4<br/>Stück</b> | <b>5 – 19<br/>Stück</b> | <b>20 – 49<br/>Stück</b> | <b>50 – 99<br/>Stück</b> | <b>ab 100<br/>Stück</b> |
|--------------------------------|--------------------|------------------------|-------------------------|--------------------------|--------------------------|-------------------------|
| 3-8.5-4                        | N 3-1              | 10.56                  | 9.23                    | 7.92                     | 5.26                     | 3.62                    |
| 4-10-4/2                       | N 4-1              | 8.39                   | 7.44                    | 6.28                     | 4.16                     | 2.59                    |
| 4-12-4                         | N 4-2              | 9.55                   | 8.36                    | 7.12                     | 4.76                     | 3.15                    |
| 5-11-5/2.8                     | N 5-8              | 12.27                  | 10.73                   | 9.18                     | 6.11                     | 4.37                    |
| 5-12-5/2.2                     | N 5-2              | 9.84                   | 8.61                    | 7.38                     | 4.95                     | 3.28                    |
| 5-15-5/2.5                     | N 5-6              | a.A.                   | a.A.                    | a.A.                     | a.A.                     | a.A.                    |
| 6-12-4/2                       | N 6-9              | 11.88                  | 10.29                   | 8.82                     | 5.88                     | 4.19                    |
| 6-15-5/2.5                     | N 6-11             | 11.77                  | 10.29                   | 8.81                     | 5.87                     | 4.18                    |
| 6-16-5/2.5                     | N 6-7              | 11.77                  | 10.29                   | 8.81                     | 5.87                     | 4.19                    |
| 6-20-8                         | N 6-1              | 7.35                   | 6.45                    | 5.50                     | 3.65                     | 2.65                    |
| 7-15-5/2.5                     | N 7-1              | 9.68                   | 8.48                    | 7.27                     | 4.82                     | 3.21                    |
| 7-14-3.5/1.75                  | N 7-2              | 11.71                  | 10.26                   | 8.80                     | 5.85                     | 4.18                    |
| 8-14-4/2                       | N 8-12             | 10.65                  | 9.28                    | 7.95                     | 5.27                     | 3.51                    |
| 8-14-6/3                       | N 8-6              | 11.88                  | 10.37                   | 8.88                     | 5.90                     | 4.23                    |
| 8-15-6/3.8                     | N 8-2              | 11.80                  | 10.33                   | 8.83                     | 5.88                     | 4.22                    |
| 8-16-6/3                       | N 8-1              | 10.61                  | 9.26                    | 7.94                     | 5.30                     | 3.65                    |
| 8-16-8/4.5                     | N 8-101            | 11.94                  | 10.43                   | 8.94                     | 5.93                     | 4.26                    |
| 8-17-6/3                       | N 8-17             | 12.30                  | 10.77                   | 9.21                     | 6.13                     | 4.39                    |
| 9-22-8.5                       | N 9-100            | 35.80                  | 25.20                   | 15.20                    | a.A.                     | a.A.                    |
| 10-15-5                        | N 10-6             | 11.38                  | 10.02                   | 8.57                     | 5.71                     | 4.04                    |
| 10-16-4                        | N 10-17            | 8.26                   | 7.22                    | 6.16                     | 4.10                     | 2.47                    |
| 10-16-5                        | N 10-37            | 9.84                   | 8.61                    | 7.38                     | 4.95                     | 3.28                    |
| 10-18-5                        | N 10-15            | 11.61                  | 10.12                   | 8.67                     | 5.78                     | 3.99                    |
| 10-20-8                        | N 10-103           | 11.77                  | 10.29                   | 8.81                     | 5.87                     | 4.18                    |
| 10-20-5                        | N 10-20-5          | 9.13                   | 7.98                    | 6.83                     | 4.55                     | 3.24                    |
| 10-22-6                        | N 10-8             | 10.33                  | 9.42                    | 8.07                     | 5.41                     | 3.58                    |
| 10-25-10                       | N 10-105           | 12.57                  | 10.99                   | 9.40                     | 6.29                     | 4.58                    |
| 10-26-8                        | N 10-14            | 12.18                  | 10.70                   | 9.13                     | 6.11                     | 4.40                    |
| 10-28-8                        | N 10-1             | 12.61                  | 11.02                   | 9.45                     | 6.31                     | 4.59                    |
| 10-30-10                       | N 10-2             | 9.69                   | 8.48                    | 7.26                     | 4.86                     | 3.54                    |
| 10-32-10                       | N 10-26            | 13.00                  | 11.33                   | 9.71                     | 6.47                     | 4.76                    |
| 12-18-4                        | N 12-17            | 11.80                  | 10.29                   | 8.82                     | 5.88                     | 4.19                    |
| 12-18-5                        | N 12-24            | 12.87                  | 11.25                   | 9.63                     | 6.41                     | 4.58                    |
| 12-20-8                        | N 12-66            | 15.75                  | 13.81                   | 11.79                    | 7.86                     | 5.37                    |
| 12-22-5                        | N 12-34            | 10.52                  | 9.20                    | 7.88                     | 5.24                     | 3.60                    |
| 12-22-7                        | N 12-36            | 12.57                  | 11.01                   | 9.42                     | 6.29                     | 4.54                    |
| 12-24-6                        | N 12-10            | 11.41                  | 10.02                   | 8.59                     | 5.73                     | 4.05                    |
| 12-24-10                       | N 12-100           | 12.13                  | 10.66                   | 9.10                     | 6.10                     | 4.38                    |
| 12-25-8                        | N 12-25            | 10.97                  | 9.62                    | 8.24                     | 5.48                     | 3.75                    |
| 12-26-8                        | N 12-6             | 9.47                   | 8.29                    | 7.10                     | 4.73                     | 3.43                    |

| <b>Abmessung<br/>d x D x b</b> | <b>Artikel Nr.</b> | <b>1 – 4<br/>Stück</b> | <b>5 – 19<br/>Stück</b> | <b>20 – 49<br/>Stück</b> | <b>50 – 99<br/>Stück</b> | <b>ab 100<br/>Stück</b> |
|--------------------------------|--------------------|------------------------|-------------------------|--------------------------|--------------------------|-------------------------|
| 12-26-10                       | N 12-101           | 12.66                  | 11.02                   | 9.47                     | 6.32                     | 4.62                    |
| 12-28-10                       | N 12-8             | 10.93                  | 9.58                    | 8.19                     | 5.47                     | 3.83                    |
| 12-34-10                       | N 12-34-10         | a.A.                   | a.A.                    | a.A.                     | a.A.                     | a.A.                    |
| 12-40-10                       | N 12-22            | 9.86                   | 8.63                    | 7.40                     | 4.92                     | 3.60                    |
| 12.7-22.2-4.76                 | N 12.7-22.2-4.76   | 4.50                   | 3.25                    | 2.70                     | 2.10                     | 1.85                    |
| 13-20-3                        | N 13-10            | 12.21                  | 10.70                   | 9.17                     | 6.10                     | 4.35                    |
| 13-30-10                       | N 13-2             | 9.08                   | 7.90                    | 6.81                     | 4.54                     | 3.24                    |
| 14-20-4                        | N 14-20-4          | 10.61                  | 9.26                    | 7.93                     | 5.29                     | 3.65                    |
| 14-22-4                        | N 14-6             | 12.41                  | 10.88                   | 9.29                     | 6.17                     | 4.44                    |
| 14-22-6                        | N 14-22-6          | 10.61                  | 9.26                    | 7.93                     | 5.29                     | 3.65                    |
| 14-24-6                        | N 14-24-6          | 7.55                   | 6.60                    | 5.65                     | 3.80                     | 2.70                    |
| 14-28-10                       | N 14-102           | 12.49                  | 10.93                   | 9.36                     | 6.27                     | 4.55                    |
| 14-30-8                        | N 14-10            | 11.71                  | 10.26                   | 8.78                     | 5.85                     | 4.18                    |
| 15-20-3                        | N 15-20-3          | 10.61                  | 9.26                    | 7.93                     | 5.29                     | 3.65                    |
| 15-22-4                        | N 15-12            | 10.29                  | 9.01                    | 7.73                     | 5.18                     | 3.46                    |
| 15-24-7                        | N 15-9             | 12.08                  | 10.56                   | 9.05                     | 6.05                     | 4.36                    |
| 15-25-5                        | N 15-5             | 12.46                  | 10.88                   | 9.31                     | 6.19                     | 4.44                    |
| 15-28-10                       | N 15-1             | 12.24                  | 10.73                   | 9.18                     | 6.12                     | 4.44                    |
| 15-28-10                       | N 15-101           | 12.42                  | 10.83                   | 9.27                     | 6.20                     | 4.51                    |
| 15-30-8                        | N 15-8             | 12.24                  | 10.73                   | 9.18                     | 6.12                     | 4.44                    |
| 15-30-10                       | N 15-102           | 12.52                  | 10.96                   | 9.40                     | 6.28                     | 4.58                    |
| 15-35-10                       | N 15-2             | 12.57                  | 11.00                   | 9.41                     | 6.28                     | 4.58                    |
| 15.87-25.4-6.35                | N 15.87-25.4-6.35  | 4.50                   | 3.25                    | 2.70                     | 2.10                     | 1.85                    |
| 16-22-4                        | N 16-19            | 11.82                  | 10.33                   | 8.83                     | 5.89                     | 4.22                    |
| 16-22-6                        | N 16-5             | 13.10                  | 11.45                   | 9.79                     | 6.50                     | 4.69                    |
| 16-25-5                        | N 16-55            | 11.88                  | 10.37                   | 8.88                     | 5.90                     | 4.23                    |
| 16-26-5                        | N 16-4             | 12.75                  | 11.16                   | 9.52                     | 6.39                     | 4.60                    |
| 16-32-10                       | N 16-104           | 12.42                  | 10.93                   | 9.27                     | 6.20                     | 4.51                    |
| 16-32-11                       | N 16-2             | 12.47                  | 10.91                   | 9.32                     | 6.23                     | 4.55                    |
| 16-36-10                       | N 16-11            | 9.50                   | 8.31                    | 7.12                     | 4.76                     | 3.46                    |
| 17.46-26.99-7.12               | N 17.46-26.99-7.12 | 4.85                   | 3.25                    | 2.95                     | 2.40                     | 1.80                    |
| 18-24-4                        | N 18-15            | 10.70                  | 9.36                    | 8.02                     | 5.33                     | 3.68                    |
| 18-24-5                        | N 18-9             | 11.94                  | 10.43                   | 8.94                     | 5.93                     | 4.26                    |
| 18-25-4                        | N 18-14            | 11.88                  | 10.37                   | 8.88                     | 5.90                     | 4.23                    |
| 18-26-5                        | N 18-26-5          | 10.66                  | 9.32                    | 8.00                     | 5.31                     | 3.66                    |
| 18-28-6                        | N 18-18-6          | 9.20                   | 7.60                    | a.A.                     | a.A.                     | a.A.                    |
| 18-28-8                        | N 18-8             | 14.74                  | 13.08                   | 11.16                    | 7.49                     | 5.37                    |
| 18-30-6                        | N 18-19            | 10.88                  | 9.50                    | 8.14                     | 5.4                      | 3.80                    |
| 18-30-10                       | N 18-102           | 12.44                  | 10.91                   | 9.30                     | 6.22                     | 4.54                    |
| 18-34-8                        | N 18-              | 10.99                  | 9.61                    | 8.23                     | 5.51                     | 3.86                    |
| 19-26-5                        | N 19-5             | 12.13                  | 10.66                   | 9.10                     | 6.10                     | 4.38                    |
| 19.05-31.75-6.35               | N 19.05-31.75-6.35 | 4.85                   | 3.25                    | 2.95                     | 2.40                     | 1.80                    |
| 19.05-34.93-7.93               | N 19.05-34.93-7.93 | 4.85                   | 3.25                    | 2.95                     | 2.40                     | 1.80                    |
| 20-28-4                        | N 20-29            | 12.22                  | 10.73                   | 9.18                     | 6.12                     | 4.41                    |
| 20-28-8                        | N 20-28-8          | 7.70                   | 6.75                    | 5.75                     | 3.85                     | 2.75                    |

| <b>Abmessung<br/>d x D x b</b> | <b>Artikel Nr.</b> | <b>1 – 4<br/>Stück</b> | <b>5 – 19<br/>Stück</b> | <b>20 – 49<br/>Stück</b> | <b>50 – 99<br/>Stück</b> | <b>ab 100<br/>Stück</b> |
|--------------------------------|--------------------|------------------------|-------------------------|--------------------------|--------------------------|-------------------------|
| 20-30-8                        | N 20-19            | 16.43                  | 14.41                   | 12.28                    | 8.21                     | 6.00                    |
| 20-32-7.5                      | N 20-33            | 12.02                  | 10.54                   | 8.99                     | 6.00                     | 4.33                    |
| 25-33-5                        | N 25-33-5          | 11.97                  | 10.47                   | 8.95                     | 5.94                     | 4.29                    |
| 20-33-6                        | N 20-28            | 11.97                  | 10.47                   | 8.95                     | 5.94                     | 4.29                    |
| 20-35-10                       | N 20-42            | 13.70                  | 11.99                   | 10.26                    | 6.87                     | 4.99                    |
| 20-35-10                       | N 20-102           | 15.28                  | 13.37                   | 11.45                    | 7.66                     | 5.58                    |
| 20-40-10                       | N 20-18            | 12.66                  | 11.06                   | 9.48                     | 6.32                     | 4.62                    |
| 21-32-4                        | N 21-32-4          | 25.50                  | 21.20                   | 19.10                    | a.A.                     | a.A.                    |
| 22-28-5                        | N 22-22            | 12.18                  | 10.66                   | 9.12                     | 6.11                     | 4.40                    |
| 22-30-6                        | N 22-4             | 9.23                   | 8.09                    | 6.93                     | 4.62                     | 3.84                    |
| 22-32-5                        | N 22-13            | 12.41                  | 10.84                   | 9.29                     | 6.17                     | 4.43                    |
| 22-34-6                        | N 22-12            | 10.96                  | 9.61                    | 8.20                     | 5.51                     | 3.84                    |
| 22-34-10                       | N 22-101           | 12.38                  | 10.83                   | 9.26                     | 6.18                     | 4.51                    |
| 22-35-7                        | N 22-24            | 12.02                  | 10.52                   | 9.01                     | 6.03                     | 4.35                    |
| 22-36-8                        | N 22-25            | 12.31                  | 10.75                   | 9.22                     | 6.15                     | 4.49                    |
| 22-38-10                       | N 22-102           | 12.66                  | 11.02                   | 9.48                     | 6.32                     | 4.62                    |
| 22-40-10                       | N 22-5             | 13.40                  | 12.10                   | 10.90                    | a.A.                     | a.A.                    |
| 23-35-10                       | N 23-3             | 12.26                  | 10.73                   | 9.19                     | 6.14                     | 4.45                    |
| 24-30-4                        | N 24-30-4          | a.A.                   | a.A.                    | a.A.                     | a.A.                     | a.A.                    |
| 24-30-5                        | N 24-16            | 14.07                  | 12.23                   | 10.45                    | 7.00                     | 5.04                    |
| 24-32-4-2                      | N 24-8             | 13.23                  | 12.97                   | 11.10                    | 7.39                     | 5.32                    |
| 24-34-5                        | N 24-17            | 10.83                  | 9.50                    | 8.12                     | 5.42                     | 3.80                    |
| 24-36-6                        | N 24-36-6          | 7.60                   | 6.65                    | 5.70                     | 3.80                     | 2.75                    |
| 24-40-8                        | N 24-5             | 11.31                  | 9.90                    | 8.46                     | 5.66                     | 3.99                    |
| 24-40-10                       | N 24-100           | 12.66                  | 11.06                   | 9.48                     | 6.32                     | 4.62                    |
| 25-32-6/6.5                    | N 25-32-6/6.5      | 18.60                  | 15.80                   | 13.95                    | a.A.                     | a.A.                    |
| 25-33-5                        | N 25-33-5          | 11.97                  | 10.47                   | 8.95                     | 5.94                     | 4.29                    |
| 25-33-7                        | N 25-33-7          | 11.97                  | 10.47                   | 8.95                     | 5.94                     | 4.29                    |
| 25-35-5                        | N 25-18            | 12.06                  | 10.56                   | 9.04                     | 6.03                     | 4.36                    |
| 25-35-7                        | N 25-35-7          | 12.11                  | 10.64                   | 9.09                     | 6.06                     | 4.37                    |
| 25-35-8                        | N 25-35            | 12.11                  | 10.64                   | 9.09                     | 6.06                     | 4.37                    |
| 25-38-7                        | N 25-38-7          | 11.58                  | 10.12                   | 8.68                     | 5.76                     | 4.13                    |
| 25-38-7                        | N 25-27            | 11.58                  | 10.12                   | 8.68                     | 5.76                     | 4.13                    |
| 25-40-6                        | N 25-12            | 12.08                  | 10.61                   | 9.05                     | 6.05                     | 4.36                    |
| 25-40-10/11                    | N 25-108           | 13.96                  | 12.24                   | 10.46                    | 6.96                     | 5.12                    |
| 25-42-8.5                      | N 25-10            | 15.48                  | 13.53                   | 11.60                    | 7.72                     | 5.66                    |
| 25-45-10                       | N 25-6             | 13.00                  | 11.33                   | 9.72                     | 6.47                     | 4.78                    |
| 25-45-10                       | N 25-109           | 13.24                  | 11.61                   | 9.93                     | 6.63                     | 4.94                    |
| 26-38-6                        | N 26-14            | 12.02                  | 10.52                   | 9.00                     | 6.00                     | 4.33                    |
| 26-42-8                        | N 26-2             | 12.52                  | 10.96                   | 9.39                     | 6.28                     | 4.56                    |
| 26-46-10/5                     | N 26-4             | 7.70                   | 6.75                    | 5.75                     | 3.95                     | 2.85                    |
| 27-36-6                        | N 27-2             | 12.22                  | 10.70                   | 9.17                     | 6.12                     | 4.41                    |
| 28-38-5                        | N 28-12            | 10.64                  | 9.28                    | 7.98                     | 5.30                     | 3.65                    |
| 28-44-8                        | N 28-17            | 12.57                  | 10.99                   | 9.41                     | 6.29                     | 4.59                    |
| 28-46-10                       | N 28-46-10         | 13.02                  | 11.36                   | 9.75                     | 6.47                     | 4.78                    |
| 28-48-10/5                     | N 28-10            | 13.02                  | 11.36                   | 9.75                     | 6.47                     | 4.78                    |
| 30-37-8                        | N 30-7             | 12.38                  | 10.83                   | 9.26                     | 6.18                     | 4.51                    |
| 30-40-5                        | N 30-17            | 12.45                  | 10.92                   | 9.31                     | 6.18                     | 4.47                    |
| 30-42-8                        | N 30-42-8          | a.A.                   | a.A.                    | a.A.                     | a.A.                     | a.A.                    |
| 30-42-10                       | N 30-106           | 12.61                  | 11.02                   | 9.45                     | 6.31                     | 4.59                    |
| 30-45-10/5                     | N 30-11            | 12.22                  | 10.70                   | 9.17                     | 6.12                     | 4.41                    |
| 30-50-12/7                     | N 30-103           | 13.40                  | 11.77                   | 10.06                    | 6.72                     | 5.00                    |

| <b>Abmessung<br/>d x D x b</b> | <b>Artikel Nr.</b> | <b>1 – 4<br/>Stück</b> | <b>5 – 19<br/>Stück</b> | <b>20 – 49<br/>Stück</b> | <b>50 – 99<br/>Stück</b> | <b>ab 100<br/>Stück</b> |
|--------------------------------|--------------------|------------------------|-------------------------|--------------------------|--------------------------|-------------------------|
| 30-60-16                       | N 30-60-16         | 12.50                  | 10.60                   | a.A.                     | a.A.                     | a.A.                    |
| 32-40-4                        | N 32-17            | 12.13                  | 10.66                   | 9.10                     | 6.10                     | 4.38                    |
| 32-40-7                        | N 32-28            | 11.97                  | 10.47                   | 8.95                     | 5.94                     | 4.29                    |
| 32-45-6.5                      | N 32-18            | 12.71                  | 11.19                   | 9.57                     | 6.36                     | 4.68                    |
| 32-45-10                       | N 32-104           | 15.78                  | 13.80                   | 11.80                    | 7.86                     | 5.77                    |
| 32-48-8/2.5                    | N 32-2             | 12.61                  | 11.02                   | 9.47                     | 6.31                     | 4.62                    |
| 32-48-8/4                      | N 32-22            | 12.66                  | 11.06                   | 9.48                     | 6.322                    | 4.62                    |
| 32-50-10                       | N 32-24            | 13.06                  | 11.38                   | 9.77                     | 6.51                     | 4.81                    |
| 32-50-12                       | N 32-105           | 13.56                  | 11.88                   | 10.16                    | 6.77                     | 5.06                    |
| 33-43-6                        | N 33-7             | 12.49                  | 10.93                   | 9.36                     | 6.27                     | 4.56                    |
| 34.93-44.45-5                  | N 34.93-44.45-5    | a.A.                   | a.A.                    | a.A.                     | a.A.                     | a.A.                    |
| 35-43-6                        | N 35-43-6          | 9.57                   | a.A.                    | a.A.                     | a.A.                     | a.A.                    |
| 35-43-6.5/5.8                  | N 35-43-6.5/5.8    | 11.80                  | a.A.                    | a.A.                     | a.A.                     | a.A.                    |
| 35-45-6/3                      | N 35-14            | 13.02                  | 11.38                   | 9.76                     | 6.50                     | 4.80                    |
| 35-50-7.5                      | N 35-50-7.5        | 12.69                  | 11.10                   | 9.50                     | 6.33                     | 4.63                    |
| 35-50-10                       | N 35-106           | 13.00                  | 11.36                   | 9.72                     | 6.47                     | 4.78                    |
| 35-51-8/4                      | N 35-9             | 12.79                  | 11.22                   | 9.59                     | 6.40                     | 4.70                    |
| 35-52-12/7                     | N 35-107           | 13.54                  | 11.88                   | 10.15                    | 6.76                     | 5.04                    |
| 35-55-12                       | N 35-108           | 13.32                  | 11.68                   | 9.99                     | 6.65                     | 4.96                    |
| 35-55-10/5                     | N 35-6             | 13.56                  | 11.88                   | 10.15                    | 6.76                     | 5.04                    |
| 35-60-12                       | N 35-60-12         | 15.62                  | 13.67                   | 11.71                    | 7.81                     | 6.30                    |
| 36-50-7/3.5                    | N 36-9             | 12.47                  | 10.91                   | 9.32                     | 6.23                     | 4.54                    |
| 36-55-10/5                     | N 36-1             | 14.34                  | 12.48                   | 10.71                    | 7.13                     | 5.26                    |
| 38-50-6/3                      | N 38-5             | 12.42                  | 10.88                   | 9.28                     | 6.20                     | 4.53                    |
| 38-58-10                       | N 38-58-10         | 10.02                  | 8.77                    | 7.50                     | 5.00                     | 3.72                    |
| 38-58-12                       | N 38-102           | 13.64                  | 11.94                   | 10.21                    | 6.81                     | 5.07                    |
| 40-48-7                        | N 40-48-7          | 7.80                   | 6.80                    | 5.80                     | 3.90                     | 2.85                    |
| 40-48-8/5                      | N 40-50            | 12.38                  | 10.83                   | 9.26                     | 6.18                     | 4.51                    |
| 40-50-7                        | N 40-50-7          | 10.06                  | 8.77                    | 7.52                     | a.A.                     | a.A.                    |
| 40-52-8                        | N 40-45            | 12.49                  | 10.93                   | 9.36                     | 6.27                     | 4.56                    |
| 40-55-9.5                      | N 40-115           | 13.55                  | 11.84                   | 10.14                    | 6.75                     | 4.98                    |
| 40-55-10/5                     | N 40-52            | 12.83                  | 11.24                   | 9.62                     | 6.41                     | 4.71                    |
| 40-56-8/4                      | N 40-12            | 12.76                  | 11.19                   | 9.57                     | 6.36                     | 4.68                    |
| 40-56-10                       | N 40-29            | 12.97                  | 11.33                   | 9.70                     | 6.46                     | 4.76                    |
| 40-56-10                       | N 40-111           | 13.36                  | 11.71                   | 10.03                    | 6.69                     | 4.99                    |
| 40-60-10/5                     | N 40-9             | 13.32                  | 11.63                   | 9.98                     | 6.65                     | 4.96                    |
| 40-60-12                       | N 40-110           | 13.78                  | 12.06                   | 10.33                    | 6.89                     | 5.16                    |
| 42-50-6/3                      | N 42-13            | 12.22                  | 10.70                   | 9.17                     | 6.12                     | 4.41                    |
| 42-55-6.5/3.25                 | N 42-5             | 12.91                  | 11.30                   | 9.66                     | 6.44                     | 4.71                    |
| 45-58-6.5/3.2                  | N 45-9             | 12.49                  | 10.93                   | 9.36                     | 6.27                     | 4.55                    |
| 45-58-10/5                     | N 45-103           | 13.10                  | 11.41                   | 9.80                     | 6.52                     | 4.82                    |
| 45-60-10                       | N 45-109           | 13.15                  | 11.53                   | 9.84                     | 6.56                     | 4.83                    |
| 45-62-12                       | N 45-62-12         | a.A.                   | a.A.                    | a.A.                     | a.A.                     | a.A.                    |
| 45-63-10/5                     | N 45-5             | 13.64                  | 11.94                   | 10.21                    | 6.78                     | 5.07                    |
| 45-65-10/5                     | N 45-6             | 13.91                  | 12.18                   | 10.43                    | 6.96                     | 5.22                    |
| 45-65-12/7                     | N 45-102           | 13.56                  | 11.88                   | 10.16                    | 6.77                     | 5.06                    |

| <b>Abmessung<br/>d x D x b</b> | <b>Artikel Nr.</b>           | <b>1 – 4<br/>Stück</b> | <b>5 – 19<br/>Stück</b> | <b>20 – 49<br/>Stück</b> | <b>50 – 99<br/>Stück</b> | <b>ab 100<br/>Stück</b> |
|--------------------------------|------------------------------|------------------------|-------------------------|--------------------------|--------------------------|-------------------------|
| 47,63-63,5-9,5                 | N 47,63-63,5-9,5             | 11.80                  | 8.90                    | 6.50                     | a.A.                     | a.A.                    |
| 48-60-6/3                      | N 48-4                       | 13.07                  | 12.80                   | 10.92                    | 7.26                     | 5.25                    |
| 48-68-10/5                     | N 48-7                       | 13.76                  | 12.02                   | 10.30                    | 6.85                     | 5.15                    |
| 48-68-12/7                     | N 48-100                     | 14.53                  | 12.74                   | 10.90                    | 7.30                     | 5.53                    |
| 50-58-8                        | N 50-58-8                    | 10.02                  | 8.77                    | 7.50                     | 5.00                     | 3.72                    |
| 50-60-10                       | N 50-60-10                   | 12.91                  | 11.31                   | 9.68                     | 6.45                     | 4.75                    |
| 50-62-6/3                      | N 50-23                      | 15.24                  | 13.69                   | 11.72                    | 7.79                     | 6.13                    |
| 50-63-6                        | N 50-63-6                    | 12.35                  | 10.80                   | 9.25                     | 6.16                     | 4.50                    |
| 50-70-10/5                     | N 50-6                       | 13.86                  | 12.11                   | 10.39                    | 6.95                     | 5.18                    |
| 50-70-12                       | N 50-104                     | 14.45                  | 12.66                   | 10.82                    | 7.22                     | 5.47                    |
| 50-72-12/6                     | N 50-10                      | 15.51                  | 13.56                   | 11.59                    | 7.75                     | 5.94                    |
| 50.8-73.03-9.52                | N 50.8-73.03-9.52            | 12.80                  | 10.50                   | 8.50                     | a.A.                     | a.A.                    |
| 51-63-6/3                      | N 51-2                       | 12.35                  | 10.80                   | 9.25                     | 6.16                     | 4.50                    |
| 55-68-6.5/3.2                  | N 55-16                      | 13.02                  | 11.36                   | 9.75                     | 6.47                     | 4.78                    |
| 55-70-7.5/3.7                  | N 55-17                      | 13.20                  | 11.55                   | 9.89                     | 6.60                     | 4.91                    |
| 55-70-8                        | N 55-70-8                    | 8.30                   | 7.25                    | 6.20                     | a.A.                     | a.A.                    |
| 55-75-10/5                     | N 55-5                       | 14.94                  | 13.10                   | 11.22                    | 7.47                     | 5.71                    |
| 55-75-12                       | N 55-103                     | 16.03                  | 14.02                   | 12.03                    | 8.01                     | 6.15                    |
| 60-70-8                        | N 60-70-8                    | 13.20                  | 10.90                   | 10.30                    | 9.90                     | a.A.                    |
| 60-72-9                        | N 60-72                      | 13.31                  | a.A.                    | a.A.                     | a.A.                     | a.A.                    |
| 60-74-7/3.5                    | N 60-17                      | 13.91                  | 12.18                   | 10.46                    | 6.98                     | 5.22                    |
| 60-80-10                       | N 60-3                       | 15.32                  | 13.40                   | 11.45                    | 7.66                     | 5.88                    |
| 60-80-12                       | N 60-80-12                   | 15.32                  | 13.40                   | 11.45                    | 7.66                     | 5.88                    |
| 60-80-12.5                     | N 60-80-12.5<br>gewebeverst. | 24.50                  | 20.20                   | a.A.                     | a.A.                     | a.A.                    |
| 60-85-12/6                     | N 60-12                      | 16.12                  | 14.08                   | 12.07                    | 8.05                     | 6.29                    |
| 62-78-8/4                      | N 62-11                      | 14.38                  | 12.57                   | 10.75                    | 7.17                     | 5.44                    |
| 64-80-8/4                      | N 64-1                       | 14.29                  | 12.49                   | 10.70                    | 7.12                     | 5.40                    |
| 65-80-7.5/3.7                  | N 65-12                      | 14.35                  | 12.52                   | 10.73                    | 7.17                     | 5.42                    |
| 65-90-12/6                     | N 65-7                       | 16.48                  | 14.45                   | 12.38                    | 8.24                     | 6.45                    |
| 68-80-12/6                     | N 68-7                       | 14.63                  | 12.79                   | 10.97                    | 7.34                     | 5.60                    |
| 70-80-7                        | N 70-80-7                    | 15.32                  | 13.40                   | 11.45                    | 7.66                     | 5.88                    |
| 70-85-7.5                      | N 70-6                       | 11.10                  | 9.71                    | 8.31                     | 5.55                     | 4.20                    |
| 70-90-10/5                     | N 70-1                       | 15.87                  | 13.89                   | 11.90                    | 7.93                     | 6.16                    |
| 70-90-12                       | N 70-103                     | 16.22                  | 14.16                   | 12.12                    | 8.10                     | 6.32                    |
| 75-95-10/5                     | N 75-6                       | 15.73                  | 13.76                   | 11.81                    | 7.85                     | 6.11                    |
| 80-100-10/5                    | N 80-2                       | 16.03                  | 14.03                   | 12.00                    | 10.43                    | 8.77                    |
| 80-100-12/6                    | N 80-101                     | 16.38                  | 14.35                   | 12.28                    | 8.18                     | 6.40                    |
| 80-100-15/9                    | N 80-105                     | 17.59                  | 15.37                   | 13.16                    | 8.80                     | 6.98                    |
| 85-100-7.5/3.7                 | N 85-7                       | 15.23                  | 13.32                   | 11.40                    | 7.61                     | 7.35                    |
| 85-105-15/9                    | N 85-103                     | 19.42                  | 17.01                   | 14.53                    | 9.71                     | 7.84                    |
| 85-105-10/5                    | N 85-2                       | 18.14                  | 15.87                   | 13.60                    | 9.05                     | 7.22                    |
| 85-105-12/6                    | N 85-1                       | 18.39                  | 16.05                   | 13.77                    | 9.19                     | 7.35                    |
| 86-98-12/6                     | N 86-1                       | 15.69                  | 13.76                   | 11.78                    | 7.84                     | 6.10                    |
| 88-100-6/3                     | N 88-3                       | 14.29                  | 12.49                   | 10.70                    | 7.12                     | 5.40                    |
| 90-105-7.5/3.7                 | N 90-13                      | 16.96                  | 14.82                   | 12.70                    | 8.45                     | 6.65                    |
| 90-110-10/5                    | N 90-6                       | 18.93                  | 16.58                   | 14.17                    | 9.48                     | 7.61                    |
| 90-110-15/9                    | N 90-104                     | 20.20                  | 17.70                   | 15.14                    | 10.07                    | 8.20                    |
| 90-120-15/7.5                  | N 90-2                       | 22.10                  | 19.35                   | 16.56                    | 11.05                    | 9.10                    |

| <b>Abmessung<br/>d x D x b</b> | <b>Artikel Nr.</b> | <b>1 – 4<br/>Stück</b> | <b>5 – 19<br/>Stück</b> | <b>20 – 49<br/>Stück</b> | <b>50 – 99<br/>Stück</b> | <b>ab 100<br/>Stück</b> |
|--------------------------------|--------------------|------------------------|-------------------------|--------------------------|--------------------------|-------------------------|
| 100-120-10                     | N 100-9            | 21.11                  | 18.49                   | 15.82                    | 10.53                    | 8.52                    |
| 100-120-15                     | N 100-104          | 25.69                  | 22.49                   | 19.24                    | 12.84                    | 10.52                   |
| 100-125-12                     | N 100-8            | 21.00                  | 18.39                   | 15.73                    | 10.50                    | 8.60                    |
| 100-130-18                     | N 100-106          | 36.10                  | 31.59                   | 27.05                    | 18.04                    | 15.77                   |
| 105-125-10                     | N 105-8            | 19.55                  | 17.10                   | 14.63                    | 9.77                     | 7.92                    |
| 105-130-18                     | N 105-100          | 31.65                  | 27.72                   | 23.76                    | 15.85                    | 13.68                   |
| 120-140-10                     | N 120-3            | 21.14                  | 18.46                   | 15.86                    | 10.56                    | 8.65                    |
| 120-150-18                     | N 120-101          | 28.50                  | 24.96                   | 21.34                    | 14.26                    | 12.12                   |
| 125-150-18                     | N 125-102          | 28.04                  | 24.55                   | 21.04                    | 14.03                    | 11.97                   |
| 127-152.4-12.7                 | N 127-152.4-12.7   | a.A.                   | a.A.                    | a.A.                     | a.A.                     | a.A.                    |
| 130-150-14                     | N 130-150-14       | 13.70                  | 11.95                   | 10.25                    | 6.85                     | 5.65                    |
| 135-160-12                     | N 135-5            | 26.84                  | 23.48                   | 20.15                    | a.A.                     | a.A.                    |
| 140-165-18                     | N 140-101          | 30.86                  | 26.99                   | 23.12                    | 15.44                    | 13.60                   |
| 140-170-15                     | N 140-170-15       | 37.52                  | 32.85                   | 28.14                    | 25.72.                   | a.A.                    |
| 145-175-15                     | N 145-1            | a.A.                   | a.A.                    | a.A.                     | a.A.                     | a.A.                    |
| 160-180-15                     | N 160-105          | 31.02                  | 27.13                   | 23.26                    | a.A.                     | a.A.                    |
| 180-210-22                     | N 180-100          | 62.61                  | 54.80                   | 46.96                    | a.A.                     | a.A.                    |
| 185-215-15                     | N 185-1            | 47.50                  | 42.20                   | a.A                      | a.A                      | a.A                     |
| 310-350-20                     | N 310-001          | 116.02                 | 101.56                  | 87.02                    | a.A.                     | a.A.                    |

**NUTRINGE AUN1 + AUN100 (POLYURETHAN WEISS/BRÄUNLICH) – LAGERLISTE**

Die nachstehend aufgeführten Nutringe sind bei uns vorrätig. Sollten Sie eine gewünschte Grösse nicht finden, bitten wir Sie trotzdem anzufragen, da wir unser Lager laufend erweitern.

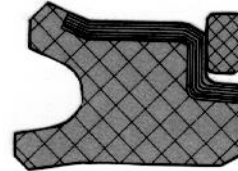
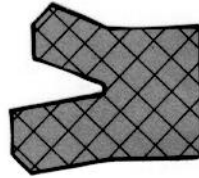
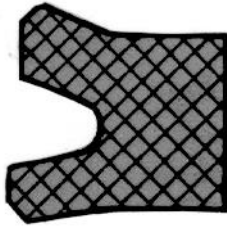
| <b>Abmessung<br/>d x D x b</b> | <b>Artikel Nr.</b> | <b>1 – 4<br/>Stück</b> | <b>5 – 19<br/>Stück</b> | <b>20 – 49<br/>Stück</b> | <b>50 – 99<br/>Stück</b> | <b>ab 100<br/>Stück</b> |
|--------------------------------|--------------------|------------------------|-------------------------|--------------------------|--------------------------|-------------------------|
| 4-10-4                         | AUN 4-11           | 13.60                  | 11.91                   | 10.16                    | 6.80                     | 4.56                    |
| 5-12-5                         | AUN 5-12           | 12.97                  | 11.35                   | 9.68                     | 6.47                     | 4.34                    |
| 6-12-6                         | AUN 6-23           | 12.58                  | 11.02                   | 9.45                     | 6.31                     | 4.24                    |
| 6-15-8                         | AUN 6-17           | 12.49                  | 10.96                   | 9.39                     | 6.27                     | 4.22                    |
| 6.35-11.1-5                    | AUN 6.35-11.1-5    | a.A.                   | a.A.                    | a.A.                     | a.A.                     | a.A.                    |
| 7-15-7                         | AUN 7-4            | 12.65                  | 11.08                   | 9.48                     | 6.32                     | 4.26                    |
| 7-26-7                         | AUN 7-26-7         | 8.45                   | 7.55                    | 6.50                     | 4.65                     | a.A.                    |
| 8-14-4                         | AUN 8-14-4         | 9.60                   | a.A.                    | a.A.                     | a.A.                     | a.A.                    |
| 8-14-6                         | AUN 8-31           | 12.69                  | 11.11                   | 9.50                     | 6.33                     | 4.32                    |
| 8-16-5.7                       | AUN 8-16-5.7       | 12.80                  | 10.90                   | 9.30                     | a.A.                     | a.A.                    |
| 8-16-6                         | AUN 8-21           | 13.01                  | 11.38                   | 9.74                     | 6.50                     | 4.36                    |
| 9-19-6                         | AUN 9-19-6         | 9.30                   | 7.40                    | 6.20                     | a.A.                     | a.A.                    |
| 10-16-6                        | AUN 10-33          | 12.58                  | 11.02                   | 9.45                     | 6.31                     | 4.24                    |
| 10-18-8                        | AUN 10-31          | 12.47                  | 10.91                   | 9.32                     | 6.23                     | a.A.                    |
| 10-20-8                        | AUN 10-34          | 12.88                  | 11.29                   | 9.64                     | 6.43                     | 4.40                    |
| 10-20-8                        | AUN 10-106         | 17.93                  | 15.68                   | 13.46                    | 8.95                     | 6.11                    |
| 10-22-6                        | AUN 10-30          | 12.31                  | 10.74                   | 9.22                     | 6.15                     | 4.10                    |
| 10-22-8                        | AUN 10-107         | 13.01                  | 11.35                   | 9.72                     | 6.47                     | 4.45                    |
| 12-18-6                        | AUN 12-47          | 12.65                  | 11.08                   | 9.48                     | 6.32                     | 4.26                    |
| 12-20-8                        | AUN 12-39          | 12.88                  | 11.29                   | 9.64                     | 6.43                     | 4.40                    |
| 12-22-5                        | AUN 12-49          | 12.36                  | 10.77                   | 9.23                     | 6.16                     | 4.13                    |
| 12-22-8                        | AUN 12-22-8        | 12.36                  | 10.82                   | 9.25                     | 6.18                     | 4.14                    |
| 12-22-8                        | AUN 12-102         | 13.35                  | 11.72                   | 10.03                    | 6.68                     | 4.56                    |
| 12-25-8                        | AUN 12-41          | 13.23                  | 11.59                   | 9.91                     | 6.60                     | 4.47                    |
| 12-25-10                       | AUN 12-103         | 13.55                  | 11.88                   | 10.16                    | 6.76                     | 4.72                    |
| 14-20-4                        | AUN 14-20-4        | 12.88                  | 11.29                   | 9.64                     | 6.43                     | 4.40                    |
| 14-20-4.8                      | AUN 14-20-4.8      | 12.88                  | 11.29                   | 9.64                     | 6.43                     | 4.40                    |
| 14-22-6                        | AUN 14-22-6        | 12.36                  | 10.82                   | 9.25                     | 6.18                     | 4.14                    |
| 14-22-8                        | AUN 14-23          | 12.36                  | 10.77                   | 9.25                     | 6.16                     | 4.14                    |
| 14-24-8                        | AUN 14-103         | 12.65                  | 11.02                   | 9.47                     | 6.32                     | 4.26                    |
| 15-23-6                        | AUN 15-23-6        | 13.73                  | 12.02                   | 10.28                    | 6.85                     | 4.81                    |
| 15-25-8                        | AUN 15-103         | 13.73                  | 12.02                   | 10.28                    | 6.85                     | 4.81                    |
| 15-35-10                       | AUN 15-22          | 8.65                   | 7.60                    | 6.50                     | 4.35                     | 3.05                    |
| 16-22-4                        | AUN 16-37          | 17.44                  | 15.26                   | 13.04                    | 8.71                     | 5.83                    |
| 16-22-5                        | AUN 16-22-5        | 12.36                  | 10.82                   | 9.25                     | 6.18                     | 4.14                    |
| 16-24-9                        | AUN 16-108         | 11.90                  | 10.90                   | 10.50                    | a.A.                     | a.A.                    |
| 16-26-5                        | AUN 16-40          | 13.45                  | 11.78                   | 10.04                    | 6.72                     | 4.67                    |
| 16-26-5                        | AUN 16-26-5        | 8.40                   | 6.70                    | 5.90                     | 5.20                     | a.A.                    |
| 16-26-6                        | AUN 16-26-6        | 43.00                  | a.A.                    | a.A.                     | a.A.                     | a.A.                    |
| 16-26-8                        | AUN 16-105         | 13.77                  | 12.06                   | 10.33                    | 6.89                     | 4.83                    |
| 16-32-8                        | AUN 16-29          | 14.39                  | 12.58                   | 10.77                    | 7.18                     | 5.15                    |
| 18-25-5                        | AUN 18-25-5        | 13.73                  | 12.02                   | 10.28                    | 6.85                     | 4.81                    |
| 18-25-6                        | AUN 18-25-6        | 13.73                  | 12.02                   | 10.28                    | 6.85                     | 4.81                    |

| <b>Abmessung<br/>d x D x b</b> | <b>Artikel Nr.</b> | <b>1 – 4<br/>Stück</b> | <b>5 – 19<br/>Stück</b> | <b>20 – 49<br/>Stück</b> | <b>50 – 99<br/>Stück</b> | <b>ab 100<br/>Stück</b> |
|--------------------------------|--------------------|------------------------|-------------------------|--------------------------|--------------------------|-------------------------|
| 18-26-4.5                      | AUN 18-26-4.5      | 13.77                  | 12.06                   | 10.33                    | a.A.                     | a.A.                    |
| 18-26-5                        | AUN 18-26-5        | 11.40                  | 9.80                    | 8.90                     | a.A.                     | a.A.                    |
| 18-26-6.5                      | AUN 18-26-6.5      | 13.77                  | 12.06                   | 6.89                     | 4.83                     | 3.86                    |
| 18-26-8                        | AUN 18-26-8        | 13.77                  | 12.06                   | 10.33                    | 6.89                     | 4.83                    |
| 18-28-8                        | AUN 18-30          | 14.13                  | 12.39                   | 10.58                    | 7.05                     | 4.91                    |
| 18-30-8                        | AUN 18-30-8        | 14.51                  | 12.71                   | 10.88                    | 7.27                     | 5.21                    |
| 18-32-7                        | AUN 18-29          | 14.43                  | 12.65                   | 10.77                    | 7.21                     | 5.16                    |
| 20-27-6                        | AUN 20-27-6        | 13.89                  | 12.17                   | 10.43                    | 6.96                     | 4.94                    |
| 20-28-4                        | AUN 20-28-4        | 13.89                  | 12.17                   | 10.43                    | 6.96                     | 4.94                    |
| 20-28-4.5                      | AUN 20-28-4.5      | 13.89                  | 12.17                   | 10.43                    | 6.96                     | 4.94                    |
| 20-28-5                        | AUN 20-28-5        | 13.89                  | 12.17                   | 10.43                    | 6.96                     | 4.94                    |
| 20-28-5.7                      | AUN 20-28-5.7      | 13.89                  | 12.17                   | 10.43                    | 6.96                     | 4.94                    |
| 20-28-6.5                      | AUN 20-28-6.5      | 13.89                  | 12.17                   | 10.43                    | 6.96                     | 4.94                    |
| 20-28-6                        | AUN 20-28-6        | 13.89                  | 12.17                   | 10.43                    | 6.96                     | 4.94                    |
| 20-28-8                        | AUN 20-28-8        | 13.89                  | 12.17                   | 10.43                    | 6.96                     | 4.94                    |
| 20-28-8                        | AUN 20-47          | 13.89                  | 12.17                   | 10.43                    | 6.96                     | 4.94                    |
| 20-30-6                        | AUN 20-30-6        | 14.51                  | 12.71                   | 10.88                    | 7.27                     | 5.21                    |
| 20-30-8                        | AUN 20-45          | 13.55                  | 11.82                   | 10.12                    | 6.74                     | 4.71                    |
| 20-30-10                       | AUN 20-110         | 14.48                  | 12.65                   | 10.82                    | 7.22                     | 5.17                    |
| 20-32-7.5                      | AUN 20-60          | 14.92                  | 13.10                   | 11.20                    | 7.45                     | 5.42                    |
| 20-32-8                        | AUN 20-108         | 14.92                  | 13.10                   | 11.20                    | 7.45                     | 5.42                    |
| 20-35-10                       | AUN 20-35-10       | 14.29                  | 12.49                   | 10.67                    | 7.10                     | 5.08                    |
| 20-36-8                        | AUN 20-36-8        | 14.80                  | 12.97                   | 11.08                    | 7.38                     | 5.35                    |
| 20-36-8                        | AUN 20-51          | 16.19                  | 14.19                   | 12.11                    | 8.07                     | 5.85                    |
| 20-40-10                       | AUN 20-49          | 15.94                  | 13.93                   | 11.95                    | 7.98                     | 5.90                    |
| 22-28-7                        | AUN 22-28-7        | 32.00                  | 25.60                   | a.A.                     | a.A.                     | a.A.                    |
| 22-29-8                        | AUN 22-29-8        | 25.00                  | 20.00                   | a.A.                     | a.A.                     | a.A.                    |
| 22-30-5                        | AUN 22-30-5        | 14.51                  | 12.71                   | 10.88                    | 7.27                     | 5.21                    |
| 22-30-6                        | AUN 22-30-6        | 14.51                  | 12.71                   | 10.88                    | 7.27                     | 5.21                    |
| 22-30-7                        | AUN 22-30-7        | 14.51                  | 12.71                   | 10.88                    | 7.27                     | 5.21                    |
| 22-30-10                       | AUN 22-30-10       | 14.51                  | 12.71                   | 10.88                    | 7.27                     | 5.21                    |
| 22-32-8                        | AUN 22-103         | 14.80                  | 12.97                   | 11.10                    | 7.40                     | 5.35                    |
| 22-35-8                        | AUN 22-34          | 13.49                  | 11.82                   | 10.10                    | 6.74                     | 4.70                    |
| 22-35-10                       | AUN 22-35-10       | 15.62                  | 13.69                   | 11.68                    | 7.80                     | 5.75                    |
| 22-40-10                       | AUN 22-27          | 17.85                  | 15.62                   | 13.34                    | 8.92                     | 6.85                    |
| 22-40-10                       | AUN 22-40-10       | 16.58                  | 14.51                   | 12.44                    | 8.26                     | 6.27                    |
| 22-43-15.5                     | AUN 22-43-15.5     | 58.00                  | 46.00                   | a.A.                     | a.A.                     | a.A.                    |
| 24-32-7                        | AUN 24-32-7        | 11.57                  | 10.16                   | 8.69                     | 5.78                     | 4.20                    |
| 24-34-5.7                      | AUN 24-34-5.7      | 32.60                  | 26.10                   | a.A.                     | a.A.                     | a.A.                    |
| 24-40-8                        | AUN 24-26          | 16.19                  | 14.17                   | 12.12                    | 8.10                     | 6.05                    |
| 24-50-12                       | AUN 24-27          | 18.42                  | 16.16                   | 13.80                    | 9.22                     | 7.16                    |
| 25-33-4                        | AUN 25-33-4        | 14.29                  | 12.49                   | 10.67                    | 7.10                     | 5.08                    |
| 25-33-5                        | AUN 25-33-5        | 14.29                  | 12.49                   | 10.67                    | 7.10                     | 5.08                    |
| 25-33-6                        | AUN 25-33-6        | 14.29                  | 12.49                   | 10.67                    | 7.10                     | 5.08                    |
| 25-33-8                        | AUN 25-33-8        | 14.29                  | 12.49                   | 10.67                    | 7.10                     | 5.08                    |
| 25-34-7                        | AUN 25-34-7        | 19.40                  | a.A.                    | a.A.                     | a.A.                     | a.A.                    |
| 25-35-5                        | AUN 25-35-5        | 20.15                  | 17.62                   | 15.06                    | 10.02                    | 7.17                    |
| 25-35-5                        | AUN 25-40          | 14.29                  | 12.49                   | 10.67                    | 7.10                     | 5.08                    |
| 25-35-7                        | AUN 25-37-7        | 14.29                  | 12.49                   | 10.67                    | 7.10                     | 5.08                    |
| 25-35-8                        | AUN 25-28          | 14.29                  | 12.49                   | 10.67                    | 7.10                     | 5.08                    |

| <b>Abmessung<br/>d x D x b</b> | <b>Artikel Nr.</b>   | <b>1 – 4<br/>Stück</b> | <b>5 – 19<br/>Stück</b> | <b>20 – 49<br/>Stück</b> | <b>50 – 99<br/>Stück</b> | <b>ab 100<br/>Stück</b> |
|--------------------------------|----------------------|------------------------|-------------------------|--------------------------|--------------------------|-------------------------|
| 25-38-10                       | AUN 25-111           | 16.85                  | 14.75                   | 12.61                    | 8.41                     | 6.36                    |
| 25-40-10                       | AUN 25-112           | 16.58                  | 14.51                   | 12.44                    | 8.26                     | 6.27                    |
| 25-50-12                       | AUN 25-25            | 19.08                  | 16.66                   | 14.30                    | 9.54                     | 7.47                    |
| 28-38-8                        | AUN 28-34            | 15.25                  | 13.32                   | 11.43                    | 7.63                     | 5.48                    |
| 28-40-8.5                      | AUN 28-40-8.5        | 16.58                  | 14.51                   | 12.44                    | 8.26                     | 6.27                    |
| 28-40-10                       | AUN 28-103           | 17.52                  | 15.35                   | 13.12                    | 8.75                     | 6.61                    |
| 28-44-8                        | AUN 28-36            | 13.22                  | 11.57                   | 9.89                     | 6.59                     | 5.01                    |
| 28.58-44.45-10.5               | AUN 28.58-44.45-10.5 | 53.00                  | a.A.                    | a.A.                     | a.A.                     | a.A.                    |
| 30-38-4                        | AUN 30-38-4          | 16.58                  | 14.51                   | 12.44                    | 8.26                     | 6.27                    |
| 30-38-5                        | AUN 30-38-5          | 16.58                  | 14.51                   | 12.44                    | 8.26                     | 6.27                    |
| 30-38-5.8                      | AUN 30-38-5.8        | 16.58                  | 14.51                   | 12.44                    | 8.26                     | 6.27                    |
| 30-38-6                        | AUN 30-38-6          | 16.58                  | 14.51                   | 12.44                    | 8.26                     | 6.27                    |
| 30-38-6.4                      | AUN 30-38-6.4        | 16.58                  | 14.51                   | 12.44                    | 8.26                     | 6.27                    |
| 30-38-7                        | AUN 30-38-7          | 16.58                  | 14.51                   | 12.44                    | 8.26                     | 6.27                    |
| 30-38-8                        | AUN 30-38-8          | 16.58                  | 14.51                   | 12.44                    | 8.26                     | 6.27                    |
| 30-40-7                        | AUN 30-40-7          | 18.71                  | 16.43                   | 14.00                    | 9.38                     | 7.11                    |
| 30-40-10                       | AUN 30-101           | 16.58                  | 14.51                   | 12.44                    | 8.26                     | 6.27                    |
| 30-42-10                       | AUN 30-42-10         | 16.63                  | 14.53                   | 12.47                    | 8.33                     | 6.28                    |
| 30-42-10                       | AUN 30-108           | 16.63                  | 14.53                   | 12.47                    | 8.33                     | 6.28                    |
| 30-45-10                       | AUN 30-109           | 17.41                  | 15.24                   | 13.06                    | 8.70                     | 6.65                    |
| 30-50-10                       | AUN 30-50-10         | 17.15                  | 15.05                   | 12.90                    | 8.58                     | 6.47                    |
| 30-50-12                       | AUN 30-100           | 19.00                  | 16.63                   | 14.27                    | 9.50                     | 7.44                    |
| 32-40-6                        | AUN 32-40-6          | 16.58                  | 14.51                   | 12.44                    | 8.26                     | 6.27                    |
| 32-40-8                        | AUN 32-40-8          | 16.58                  | 14.51                   | 12.44                    | 8.26                     | 6.27                    |
| 32-42-8                        | AUN 32-42-8          | 16.63                  | 14.53                   | 12.47                    | 8.33                     | 6.28                    |
| 32-45-10                       | AUN 32-45-10         | 16.05                  | 14.05                   | 12.02                    | 8.03                     | 5.94                    |
| 32-45-10                       | AUN 32-106           | 16.05                  | 14.05                   | 12.02                    | 8.03                     | 5.94                    |
| 32-47-10                       | AUN 32-47-10         | 27.00                  | 21.90                   | a.A.                     | a.A.                     | a.A.                    |
| 32-50-10                       | AUN 32-39            | 27.09                  | 23.69                   | 20.28                    | 13.54                    | 11.27                   |
| 33-40-8                        | AUN 33-40-8          | 16.58                  | 14.51                   | 12.44                    | 8.26                     | 6.27                    |
| 35-43-6                        | AUN 35-43-6          | 16.05                  | 14.05                   | 12.02                    | 8.03                     | 5.94                    |
| 34-45-9                        | AUN 34-45-9          | 16.05                  | 14.05                   | 12.02                    | 8.03                     | 5.94                    |
| 35-45-6                        | AUN 35-45-6          | 16.05                  | 14.05                   | 12.02                    | 8.03                     | 5.94                    |
| 35-45-8                        | AUN 35-25            | 16.59                  | 14.52                   | 12.46                    | 8.28                     | 6.15                    |
| 35-45-10                       | AUN 35-45-10         | 16.05                  | 14.05                   | 12.02                    | 8.03                     | 5.94                    |
| 35-48-10                       | AUN 35-109           | 18.18                  | 15.94                   | 13.65                    | 9.09                     | 7.05                    |
| 35-50-10                       | AUN 35-110           | 17.15                  | 15.05                   | 12.90                    | 8.58                     | 6.47                    |
| 35-55-10                       | AUN 35-20            | 19.78                  | 17.26                   | 14.82                    | 9.86                     | 7.81                    |
| 35-60-12                       | AUN 35-22            | 19.97                  | 17.51                   | 14.94                    | 9.98                     | 7.93                    |
| 36-44-5.8                      | AUN 36-44-5.8        | 10.60                  | 8.50                    | 7.95                     | a.A.                     | a.A.                    |
| 36-44-6                        | AUN 36-44-6          | 10.60                  | 8.50                    | 7.95                     | a.A.                     | a.A.                    |
| 36-46-6                        | AUN 36-46-6          | 18.30                  | a.A.                    | a.A.                     | a.A.                     | a.A.                    |
| 38-50-6                        | AUN 38-50-6          | 17.15                  | 15.05                   | 12.90                    | 8.58                     | 6.47                    |
| 38-50-9                        | AUN 38-50-9          | 17.15                  | 15.05                   | 12.90                    | 8.58                     | 6.47                    |
| 38-55-10                       | AUN 38-103           | 19.03                  | 16.66                   | 14.29                    | 9.50                     | 7.45                    |
| 40-50-6.5                      | AUN 40-50-6.5        | 17.15                  | 15.05                   | 12.90                    | 8.58                     | 6.47                    |
| 40-50-8                        | AUN 40-56            | 17.15                  | 15.05                   | 12.90                    | 8.58                     | 6.47                    |
| 40-50-10                       | AUN 40-112           | 21.09                  | 18.45                   | 15.79                    | 10.53                    | a.A.                    |
| 40-55-10                       | AUN 40-113           | 19.03                  | 16.66                   | 14.29                    | 9.54                     | 7.45                    |

| <b>Abmessung<br/>d x D x b</b> | <b>Artikel Nr.</b>   | <b>1 – 4<br/>Stück</b> | <b>5 – 19<br/>Stück</b> | <b>20 – 49<br/>Stück</b> | <b>50 – 99<br/>Stück</b> | <b>ab 100<br/>Stück</b> |
|--------------------------------|----------------------|------------------------|-------------------------|--------------------------|--------------------------|-------------------------|
| 40-56-10                       | AUN 40-54            | 14.56                  | 12.71                   | 10.89                    | 7.26                     | 5.68                    |
| 40-60-10                       | AUN 40-47            | 21.01                  | 18.37                   | 15.74                    | 10.50                    | 8.22                    |
| 40-60-13                       | AUN 40-60-13         | 19.97                  | 17.51                   | 14.94                    | 9.98                     | 7.93                    |
| 40-65-12                       | AUN 40-41            | 21.16                  | 18.54                   | 15.87                    | 10.60                    | 8.55                    |
| 41.28-50.8-9.53                | AUN 41.28-50.8-9.53  | 48.00                  | 38.40                   | a.A.                     | a.A.                     | a.A.                    |
| 42-50-8                        | AUN 42-50-8          | 17.15                  | 15.05                   | 12.90                    | 8.58                     | 6.47                    |
| 43-53-8                        | AUN 43-53-8          | 12.80                  | 11.50                   | 10.25                    | a.A.                     | a.A.                    |
| 45-55-6.5                      | AUN 45-55-6.5        | 17.85                  | 15.65                   | 13.38                    | 8.92                     | 6.86                    |
| 45-55-10                       | AUN 45-55-10         | 25.17                  | 22.09                   | 18.89                    | 12.59                    | 9.68                    |
| 45-55-10                       | AUN 45-105           | 17.85                  | 15.65                   | 13.38                    | 8.92                     | 6.86                    |
| 45-60-10                       | AUN 45-60-10         | 19.97                  | 17.51                   | 14.94                    | 9.98                     | 7.93                    |
| 45-63-10                       | AUN 45-30            | 20.11                  | 17.69                   | 12.56                    | 10.04                    | 8.05                    |
| 45-65-10                       | AUN 45-25            | 20.23                  | 17.72                   | 15.15                    | 10.10                    | 8.05                    |
| 45-65-12                       | AUN 45-112           | 22.32                  | 19.51                   | 16.71                    | 11.16                    | 9.01                    |
| 46-54-8                        | AUN 46-54-8          | 14.20                  | a.A.                    | a.A.                     | a.A.                     | a.A.                    |
| 48-58-10                       | AUN 48-58-10         | 19.97                  | 17.51                   | 14.94                    | 9.98                     | 7.93                    |
| 48-60-9-6                      | AUN 48-27            | 18.49                  | 16.23                   | 13.87                    | 9.25                     | 7.21                    |
| 50-58-8                        | AUN 50-58-8          | 19.97                  | 17.51                   | 14.94                    | 9.98                     | 7.93                    |
| 50-60-7                        | AUN 50-60-7          | 19.97                  | 17.51                   | 14.94                    | 9.98                     | 7.93                    |
| 50-60-10                       | AUN 50-106           | 18.02                  | 15.78                   | 13.54                    | 9.00                     | 6.98                    |
| 50-62-9                        | AUN 50-47            | 18.71                  | 16.35                   | 14.02                    | 9.34                     | 7.31                    |
| 50-63-6                        | AUN 50-63-6          | 21.16                  | 18.54                   | 15.87                    | 10.60                    | 8.55                    |
| 50-65-10                       | AUN 50-107           | 21.16                  | 18.54                   | 15.87                    | 10.60                    | 8.55                    |
| 50-70-10                       | AUN 50-41            | 19.26                  | 16.85                   | 14.43                    | 9.62                     | 7.53                    |
| 50-70-12                       | AUN 50-108           | 22.70                  | 19.85                   | 17.00                    | 11.35                    | 9.20                    |
| 50-70-18/12                    | AUN 50-49            | 29.82                  | 26.12                   | 22.34                    | 14.92                    | 12.80                   |
| 50-75-12.5                     | AUN 50-45            | 28.73                  | 25.16                   | 21.56                    | 14.36                    | 12.28                   |
| 53-63-6.5                      | AUN 53-63-6.5        | 21.16                  | 18.54                   | 15.87                    | 10.60                    | 8.55                    |
| 55-65-6                        | AUN 55-65-6          | 21.16                  | 18.54                   | 15.87                    | 10.60                    | 8.55                    |
| 55-65-12                       | AUN 55-108           | 21.16                  | 18.54                   | 15.87                    | 10.60                    | 8.55                    |
| 55-70-10                       | AUN 55-70-10         | 19.51                  | 17.07                   | 14.61                    | 9.75                     | 7.68                    |
| 55-70-12                       | AUN 55-105           | 20.56                  | 17.99                   | 15.41                    | 10.28                    | 8.20                    |
| 55-75-12                       | AUN 55-106           | 24.07                  | 21.05                   | 18.00                    | 12.03                    | 9.88                    |
| 55-76-10                       | AUN 55-76-10         | 17.80                  | 15.20                   | 13.80                    | 12.40                    | 11.40                   |
| 60-68-8                        | AUN 60-68-8          | 19.51                  | 17.07                   | 14.61                    | 9.75                     | 7.68                    |
| 60-70-6                        | AUN 60-70-6          | 19.51                  | 17.07                   | 14.61                    | 9.75                     | 7.68                    |
| 60-70-7.2                      | AUN 60-70-7.2        | 19.51                  | 17.07                   | 14.61                    | 9.75                     | 7.68                    |
| 60-70-8                        | AUN 60-70-8          | 19.51                  | 17.07                   | 14.61                    | 9.75                     | 7.68                    |
| 60-70-10                       | AUN 60-70-10         | 19.51                  | 17.07                   | 14.61                    | 9.75                     | 7.68                    |
| 60-70-12                       | AUN 60-104           | 19.51                  | 17.07                   | 14.61                    | 9.75                     | 7.68                    |
| 60-75-12                       | AUN 60-103           | 23.14                  | 20.23                   | 17.36                    | 11.55                    | 9.29                    |
| 60-80-10                       | AUN 60-37            | 20.90                  | 18.27                   | 15.64                    | 10.43                    | 8.38                    |
| 60-80-12                       | AUN 60-107           | 31.77                  | 27.79                   | 23.82                    | 15.87                    | 13.61                   |
| 60-80-14.5                     | AUN 60-80-14.5       | 33.30                  | 29.15                   | a.A.                     | a.A.                     | a.A.                    |
| 60-80-18                       | AUN 60-42            | 30.74                  | 26.88                   | 23.04                    | 15.37                    | 13.25                   |
| 63.50-76.20-9.52               | AUN 63.50-76.20-9.52 | 24.90                  | a.A.                    | a.A.                     | a.A.                     | a.A.                    |
| 65-75-12                       | AUN 65-108           | 19.74                  | 17.26                   | 14.80                    | 9.85                     | 7.81                    |
| 65-80-11                       | AUN 65-27            | 28.63                  | 25.08                   | 21.46                    | 14.31                    | 11.41                   |
| 65-80-12                       | AUN 65-105           | 22.38                  | 19.58                   | 16.74                    | 11.16                    | 9.01                    |
| 65-85-12                       | AUN 65-106           | 28.56                  | 24.99                   | 21.39                    | 14.29                    | 12.18                   |
| 65-95-12                       | AUN 65-95-12         | 27.66                  | 24.23                   | 20.75                    | 13.84                    | 11.77                   |

| <b>Abmessung<br/>d x D x b</b> | <b>Artikel Nr.</b> | <b>1 – 4<br/>Stück</b> | <b>5 – 19<br/>Stück</b> | <b>20 – 49<br/>Stück</b> | <b>50 – 99<br/>Stück</b> | <b>ab 100<br/>Stück</b> |
|--------------------------------|--------------------|------------------------|-------------------------|--------------------------|--------------------------|-------------------------|
| 70-80-5                        | AUN 70-80-5        | 20.79                  | 17.78                   | 15.21                    | 10.15                    | 8.09                    |
| 70-80-12                       | AUN 70-107         | 24.39                  | 21.38                   | 18.28                    | 12.19                    | 9.68                    |
| 70-82-9                        | AUN 70-82-9        | 18.00                  | a.A.                    | a.A.                     | a.A.                     | a.A.                    |
| 70-85-10                       | AUN 70-85-10       | 16.60                  | 14.50                   | a.A.                     | a.A.                     | a.A.                    |
| 70-85-12                       | AUN 70-105         | 21.83                  | 19.11                   | 16.36                    | 10.91                    | 8.84                    |
| 70-95-12                       | AUN 70-95-12       | 27.66                  | 24.23                   | 20.75                    | 13.84                    | 11.77                   |
| 75-85-12                       | AUN 75-109         | 21.92                  | 19.19                   | 16.39                    | 10.93                    | 8.69                    |
| 75-90-7.5                      | AUN 75-28          | 21.03                  | 18.41                   | 15.77                    | 10.49                    | 8.37                    |
| 75-90-12                       | AUN 75-107         | 26.40                  | 23.14                   | 19.79                    | 13.18                    | 11.13                   |
| 75-95-12                       | AUN 75-102         | 30.64                  | 26.82                   | 22.98                    | 15.30                    | 13.12                   |
| 80-95-12                       | AUN 80-95-12       | 27.66                  | 24.23                   | 20.75                    | 13.84                    | 11.77                   |
| 80-90-10                       | AUN 80-102         | 19.73                  | 17.23                   | 14.77                    | 9.85                     | 7.80                    |
| 80-100-10                      | AUN 80-100-10      | 26.93                  | 23.58                   | 20.20                    | 13.46                    | 11.37                   |
| 80-100-12                      | AUN 80-109         | 26.93                  | 23.58                   | 20.20                    | 13.46                    | 11.37                   |
| 85-95-8.5                      | AUN 85-95-8.5      | 20.89                  | 18.29                   | 15.67                    | 10.44                    | 8.82                    |
| 85-100-12                      | AUN 85-104         | 26.93                  | 23.58                   | 20.20                    | 13.46                    | 11.37                   |
| 85-105-12                      | AUN 85-105         | 30.89                  | 27.00                   | 23.17                    | 15.43                    | 13.33                   |
| 90-105-12                      | AUN 90-106         | 29.34                  | 25.72                   | 21.96                    | 14.66                    | 12.58                   |
| 90-110-12                      | AUN 90-107         | 31.28                  | 27.39                   | 23.44                    | 15.63                    | 13.55                   |
| 90-120-15                      | AUN 90-20          | 36.84                  | 32.23                   | 27.62                    | 18.41                    | 16.32                   |
| 95-110-12                      | AUN 95-104         | 30.43                  | 26.66                   | 22.81                    | 15.21                    | 13.13                   |
| 100-108-9                      | AUN 100-108-9      | 19.80                  | 15.85                   | a.A.                     | a.A.                     | a.A.                    |
| 100-110-12                     | AUN 100-110-12     | a.A.                   | a.A.                    | a.A.                     | a.A.                     | a.A.                    |
| 100-115-12                     | AUN 100-107        | 29.92                  | 26.20                   | 22.45                    | 14.34                    | 12.88                   |
| 100-120-12                     | AUN 100-108        | 32.49                  | 28.44                   | 24.38                    | 16.25                    | 14.15                   |
| 105-113-13.5                   | AUN 105-113-13.5   | a.A.                   | a.A.                    | a.A.                     | a.A.                     | a.A.                    |
| 110-125-15                     | AUN 110-105        | 32.58                  | 28.47                   | 24.41                    | 16.29                    | 14.17                   |
| 110-130-10                     | AUN 110-130-10     | 24.00                  | 19.20                   | 16.80                    | a.A.                     | a.A.                    |
| 110-130-13                     | AUN 110-130-13     | 36.40                  | 32.20                   | 28.80                    | 25.60                    | 22.80                   |
| 110-130-15                     | AUN 110-104        | 36.42                  | 31.87                   | 27.31                    | 18.20                    | 16.12                   |
| 115-135-15                     | AUN 115-107        | 36.68                  | 32.10                   | 27.51                    | 18.35                    | 16.23                   |
| 120-130-11.5                   | AUN 120-130-11.5   | 20.00                  | 16.00                   | a.A.                     | a.A.                     | a.A.                    |
| 120-140-15                     | AUN 120-102        | 40.90                  | 35.80                   | 30.66                    | 20.45                    | 18.14                   |
| 125-135-12.32                  | AUN 125-135-12.32  | 58.70                  | 46.80                   | 32.00                    | a.A.                     | a.A.                    |
| 125-140-15                     | AUN 125-105        | 36.29                  | 31.77                   | 27.23                    | 18.15                    | 16.03                   |
| 125-145-12                     | AUN 125-145-12     | 42.00                  | 29.40                   | a.A.                     | a.A.                     | a.A.                    |
| 130-150-15                     | AUN 130-106        | 39.97                  | 34.94                   | 29.95                    | 19.96                    | 17.85                   |
| 140-160-15                     | AUN 140-103        | 51.15                  | 44.73                   | 38.37                    | 25.57                    | 22.97                   |
| 160-180-15                     | AUN 160-104        | 43.88                  | 38.37                   | 32.91                    | 21.91                    | 19.80                   |
| 170-190-15                     | AUN 170-101        | 58.89                  | 45.41                   | 37.63                    | 31.81                    | 29.32                   |
| 180-200-15                     | AUN 180-101        | 75.78                  | 63.52                   | 56.22                    | 49.30                    | 45.78                   |
| 200-220-15                     | AUN 200-220-15     | 79.00                  | a.A.                    | a.A.                     | a.A.                     | a.A.                    |

**KOLBENDICHTUNGEN (AUSSEN DICHTEND)**

Nutringe mit asymmetrischem Profil der Dichtlippen

**Werkstoffe:**

Baureihe NA150 (metrische Masse) NBR schwarz

Baureihe DE (Zollmasse) NBR schwarz

Baureihe AUNA Polyurethan weiss/bräunlich

Baureihe NA 300 Polyurethan blau 94 Shore A

Baureihe NA400 NBR + Gewebeverstärkung,  
Backring Polyoxymethylen

**Medien:**

Mineralöle, Druckflüssigkeiten

**Betriebsdruck:**

Baureihe NA150 100 bar

Baureihe DE 70 bar

Baureihe AUNA 200 bar

Baureihe NA300 400 bar

Baureihe NA400 400 bar

**Temperatur:**

- 30 bis + 100 °C Werkstoff NBR

- 30 bis + 80 °C Werkstoff AU

**Gleitgeschwindigkeit:**

≤0.5m/sec.

**KOLBENDICHTUNGEN (AUSSEN DICHTEND) LAGERLISTE**

Die nachstehend aufgeführten Kolbendichtungen sind bei uns vorrätig. Sollten Sie eine gewünschte Grösse nicht finden, bitten wir Sie trotzdem anzufragen, da wir unser Lager laufend erweitern.

**BAUREIHE NA 150 (NBR SCHWARZ)**

| <b>Abmessung<br/>d x D x b</b> | <b>Artikel Nr.</b>         | <b>1 – 4<br/>Stück</b> | <b>5 – 19<br/>Stück</b> | <b>20 – 49<br/>Stück</b> | <b>50 – 99<br/>Stück</b> | <b>ab 100<br/>Stück</b> |
|--------------------------------|----------------------------|------------------------|-------------------------|--------------------------|--------------------------|-------------------------|
| 10-16-4                        | NA 10-16-4                 | 9.28                   | 8.26                    | 7.22                     | 5.16                     | 3.69                    |
| 12-20-5.5                      | NA 12-20-5.5               | 9.32                   | 8.33                    | 7.23                     | 5.17                     | 3.75                    |
| 14-20-2.7                      | NA 14-20-2.7               | 12.80                  | 9.90                    | 7.80                     | a.A.                     | a.A.                    |
| 15-25-5                        | NA 15-25-5                 | 6.10                   | 5.40                    | 4.75                     | 3.40                     | 2.45                    |
| 17-25-5.5                      | NA 17-25-5.5               | 13.65                  | 12.14                   | 10.58                    | 7.58                     | 5.51                    |
| 18-26-5.5                      | NA 18-26-5.5               | 8.70                   | 6.33                    | 5.52                     | 3.95                     | 2.87                    |
| 22-30-5.5                      | NA 22-30-5.5 (max. 70 BAR) | 8.70                   | 6.33                    | 5.52                     | 3.95                     | 2.87                    |
| 24-32-5.5                      | NA 24-32-5.5               | 9.71                   | 8.61                    | 7.51                     | 5.38                     | 3.91                    |
| 24-36-6                        | NA 24-36-6                 | 18.00                  | a.A.                    | a.A.                     | a.A.                     | a.A.                    |
| 26-36-7                        | NA 26-36-7                 | 6.10                   | 5.40                    | 4.75                     | 3.40                     | 2.45                    |
| 30-40-7                        | NA 30-40-7                 | 11.91                  | 10.56                   | 9.20                     | 6.60                     | 4.80                    |
| 35-50-8                        | NAS 35-50-8                | 7.40                   | 5.50                    | 3.70                     | a.A.                     | a.A.                    |
| 40-50-7                        | NA 40-50-7                 | 10.05                  | 8.93                    | 7.79                     | 5.55                     | 4.05                    |
| 40-60-12                       | NAB 40-60-12               | 16.00                  | a.A.                    | a.A.                     | a.A.                     | a.A.                    |
| 51-63-6                        | NA 51-63-6                 | 16.50                  | 13.20                   | 11.90                    | a.A.                     | a.A.                    |
| 53-63-7                        | NA 53-63-7                 | 8.16                   | 7.26                    | 6.34                     | 4.54                     | 3.39                    |
| 54-70-8                        | NA 54-70-8                 | 28.00                  | 23.50                   | a.A.                     | a.A.                     | a.A.                    |
| 58-70-8.5                      | NA 58-70-8.5               | 10.96                  | 9.77                    | 8.55                     | 6.11                     | 4.62                    |
| 68-80-8.5                      | NA 68-80-8.5               | 11.71                  | 10.43                   | 9.10                     | 7.48                     | 5.76                    |
| 70-90-12                       | NAB 70-90-12               | 19.36                  | 16.93                   | 14.51                    | 9.68                     | 7.80                    |
| 80-100-15                      | NA 250/80-100-15           | 26.10                  | 22.88                   | 19.56                    | 15.00                    | 12.24                   |
| 88-100-8.5                     | NA 88-100-8.5              | 12.26                  | 10.91                   | 9.54                     | 7.83                     | a.A.                    |
| 115-140-15                     | NA 250/115-140-15          | 23.45                  | 20.51                   | 17.58                    | a.A.                     | a.A.                    |
| 125-140-10/7                   | NA 125-140-10/7            | 17.03                  | 15.14                   | 13.23                    | 10.88                    | 9.03                    |
| 140-160-10                     | NA 140-160-10              | 46.50                  | a.A.                    | a.A.                     | a.A.                     | a.A.                    |
| 160-180-14                     | NA 160-180-14              | 26.29                  | 23.40                   | 20.45                    | 16.80                    | 14.72                   |
| 200-176-12                     | NA 200-176-12              | 27.90                  | 21.50                   | a.A.                     | a.A.                     | a.A.                    |

**BAUREIHE AUNA (POLYURETHAN WEISS/BRÄUNLICH)**

| <b>Abmessung<br/>d x D x b</b> | <b>Artikel Nr.</b> | <b>1 – 4<br/>Stück</b> | <b>5 – 19<br/>Stück</b> | <b>20 – 49<br/>Stück</b> | <b>50 – 99<br/>Stück</b> | <b>ab 100<br/>Stück</b> |
|--------------------------------|--------------------|------------------------|-------------------------|--------------------------|--------------------------|-------------------------|
| 17-25-10                       | AUNA 25-43         | 10.01                  | 8.78                    | 7.51                     | 5.00                     | 3.41                    |
| 27-35-10                       | AUNA 35-36         | 12.08                  | 10.58                   | 9.03                     | 6.03                     | 4.44                    |
| 33-40-8                        | AUNA 40-69         | 11.37                  | 9.93                    | 8.51                     | 5.69                     | 4.10                    |
| 42-50-8                        | AUNA 42-50-8       | 14.60                  | 11.80                   | 10.20                    | 9.30                     | 8.90                    |
| 50-60-10.3                     | AUNA 60-58         | 18.13                  | 15.87                   | 13.60                    | 9.05                     | 7.01                    |
| 52-60-8                        | AUNA 52-60-8       | 14.60                  | 11.80                   | 10.20                    | 9.30                     | 8.90                    |
| 55-65-7.3                      | AUNA 55-65-7.3     | 15.60                  | 13.40                   | 11.20                    | 10.10                    | 9.60                    |
| 62-70-7.5                      | AUNA 62-70-7.5     | 15.60                  | 13.40                   | 11.20                    | 10.10                    | 9.60                    |
| 62-70-8                        | AUNA 62-70-8       | 15.60                  | 13.40                   | 11.20                    | 10.10                    | 9.60                    |
| 70-80-7                        | AUNA 70-80-7       | 17.00                  | 15.30                   | 13.60                    | a.A.                     | a.A.                    |
| 72-80-12                       | AUNA 80-45         | 19.26                  | 16.89                   | 14.45                    | 9.62                     | 7.53                    |
| 80-90-13                       | AUNA 80-90-13      | 20.37                  | 17.81                   | 15.24                    | 10.17                    | 8.11                    |
| 105-125-15                     | AUNA 105-125-15    | 63.30                  | 55.36                   | 47.47                    | 31.61                    | 27.76                   |
| 155-175-15                     | AUNA 155-175-15    | 198.00                 | a.A.                    | a.A.                     | a.A.                     | a.A.                    |

**BAUREIHE NA 300 (POLYURETHAN BLÄULICH)**

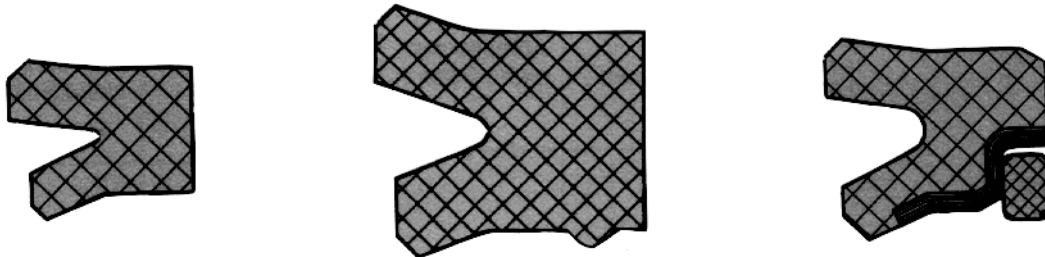
| <b>Abmessung<br/>d x D x b</b> | <b>Artikel Nr.</b> | <b>1 – 4<br/>Stück</b> | <b>5 – 19<br/>Stück</b> | <b>20 – 49<br/>Stück</b> | <b>50 – 99<br/>Stück</b> | <b>ab 100<br/>Stück</b> |
|--------------------------------|--------------------|------------------------|-------------------------|--------------------------|--------------------------|-------------------------|
| 12-22-8                        | NA 12-22-8         | 17.23                  | 15.09                   | 12.91                    | 8.60                     | 5.92                    |
| 17-32-10                       | NA 17-32-10        | 21.83                  | 19.08                   | 16.35                    | 10.91                    | 8.12                    |
| 20-30-8                        | NA 20-30-8         | 19.31                  | 16.89                   | 14.47                    | 9.63                     | 6.95                    |
| 20-40-12                       | NA 20-40-12        | 14.40                  | 13.80                   | a.A.                     | a.A.                     | a.A.                    |
| 40-50-10                       | NA 40-50-10        | 22.55                  | 19.74                   | 16.93                    | 11.28                    | 8.46                    |
| 45-60-10                       | NA 45-60-10        | 26.88                  | 23.56                   | 20.18                    | 13.45                    | 10.52                   |
| 50-60-10                       | NA 50-60-10        | 24.90                  | 21.79                   | 18.66                    | 12.44                    | 9.58                    |
| 58-72-12                       | NA 58-72-12        | 17.54                  | 15.25                   | 13.10                    | 8.70                     | 6.85                    |
| 60-80-12                       | NA 60-80-12        | 34.49                  | 30.18                   | 25.84                    | 17.23                    | 14.12                   |
| 65-86-12                       | NA 65-86-12        | 98.00                  | a.A.                    | a.A.                     | a.A.                     | a.A.                    |
| 70-80-12                       | NA 70-80-12        | 27.63                  | 24.14                   | 20.72                    | 13.80                    | 10.88                   |
| 85-100-12                      | NA 85-100-12       | a.A.                   | a.A.                    | a.A.                     | a.A.                     | a.A.                    |

**BAUREIHE NA 400 (NITRIL SCHWARZ, GEWEBEVERSTÄRKT)**

| <b>Abmessung<br/>d x D x b</b> | <b>Artikel Nr.</b> | <b>1 – 4<br/>Stück</b> | <b>5 – 19<br/>Stück</b> | <b>20 – 49<br/>Stück</b> | <b>50 – 99<br/>Stück</b> | <b>ab 100<br/>Stück</b> |
|--------------------------------|--------------------|------------------------|-------------------------|--------------------------|--------------------------|-------------------------|
| 25-40-10                       | NA 25-40-10        | 23.58                  | 21.21                   | 18.54                    | 13.24                    | 11.78                   |
| 40-60-12                       | NA 40-60-12        | 27.23                  | 24.17                   | 21.14                    | 15.12                    | 13.64                   |
| 48-63-10                       | NA 48-63-10        | 26.24                  | 23.36                   | 20.42                    | 14.57                    | 13.10                   |
| 65-80-10                       | NA 65-80-10        | 28.68                  | 25.50                   | 22.28                    | 15.94                    | 14.45                   |

**BAUREIHE DE (NITRIL SCHWARZ)**

| <b>Abmessung<br/>d x D x b</b> | <b>Artikel Nr.</b> | <b>1 – 9<br/>Stück</b> | <b>10 – 49<br/>Stück</b> | <b>50 – 99<br/>Stück</b> | <b>100 – 199<br/>Stück</b> | <b>ab 200<br/>Stück</b> |
|--------------------------------|--------------------|------------------------|--------------------------|--------------------------|----------------------------|-------------------------|
| 3.17-9.52-3.96                 | DE 037             | 3.75                   | 2.30                     | 1.70                     | 1.10                       | 0.85                    |
| 4.76-11.11-3.96                | DE 043             | 3.75                   | 2.30                     | 1.70                     | 1.10                       | 0.85                    |
| 6.35-12.70-4.76                | DE 050             | 4.40                   | 3.00                     | 2.20                     | 1.40                       | 1.15                    |
| 7.93-14.28-4.76                | DE 056             | 4.40                   | 3.00                     | 2.20                     | 1.40                       | 1.15                    |
| 7.93-15.87-5.55                | DE 062             | 4.40                   | 3.00                     | 2.20                     | 1.40                       | 1.15                    |
| 12.70-19.05-3.17               | DE 075             | 4.40                   | 3.00                     | 2.20                     | 1.40                       | 1.15                    |
| 12.70-22.22-6.35               | DE 087             | 4.40                   | 3.00                     | 2.20                     | 1.40                       | 1.15                    |
| 14.28-20.63-6.35               | DE 081             | 4.40                   | 3.00                     | 2.20                     | 1.40                       | 1.15                    |
| 14.28-23.81-6.35               | DE 093             | 4.40                   | 3.00                     | 2.20                     | 1.40                       | 1.15                    |
| 15.87-25.40-6.35               | DE 100             | 4.40                   | 3.00                     | 2.20                     | 1.40                       | 1.15                    |
| 17.46-26.99-6.35               | DE 106             | 4.90                   | 3.00                     | 2.40                     | 1.65                       | 1.25                    |
| 19.05-28.58-6.35               | DE 112             | 4.90                   | 3.00                     | 2.40                     | 1.65                       | 1.25                    |
| 19.05-31.75-6.35               | DE 125             | 4.90                   | 3.00                     | 2.40                     | 1.65                       | 1.25                    |
| 20.63-30.16-6.35               | DE 118             | 4.90                   | 3.00                     | 2.40                     | 1.65                       | 1.25                    |
| 22.22-34.93-6.35               | DE 137             | 4.90                   | 3.00                     | 2.40                     | 1.65                       | 1.25                    |
| 25.40-36.51-6.35               | DE 143             | 4.90                   | 3.00                     | 2.40                     | 1.65                       | 1.25                    |
| 26.99-39.69-6.35               | DE 156             | 5.00                   | 3.60                     | 2.80                     | 1.80                       | 1.45                    |
| 30.16-38.10-6.35               | DE 150             | 4.90                   | 3.00                     | 2.40                     | 1.65                       | 1.25                    |
| 34.93-44.45-7.00               | DE 175             | 5.00                   | 3.60                     | 2.80                     | 1.80                       | 1.45                    |
| 41.28-50.80-7.14               | DE 200             | 5.00                   | 3.60                     | 2.80                     | 1.80                       | 1.45                    |
| 41.28-53.98-9.52               | DE 212             | 5.50                   | 4.20                     | 3.40                     | 2.10                       | 1.70                    |
| 44.45-57.15-6.35               | DE 225             | 5.50                   | 4.20                     | 3.40                     | 2.10                       | 1.70                    |
| 44.45-60.33-6.35               | DE 237175          | 5.40                   | 4.50                     | 3.40                     | 2.10                       | 1.70                    |
| 44.70-63.50-8.85               | DE 250             | 5.50                   | 4.20                     | 3.40                     | 2.10                       | 1.70                    |
| 47.63-60.33-6.35               | DE 237             | 5.50                   | 4.20                     | 3.40                     | 2.10                       | 1.70                    |
| 44,70-63,50-8.85               | DE 250             | 5.50                   | 4.20                     | 3.40                     | 2.10                       | 1.70                    |
| 50.80-66.68-8.85               | DE 262             | 6.00                   | 4.60                     | 3.60                     | 2.40                       | 2.00                    |
| 53.98-69.85-7.93               | DE 275             | 6.00                   | 4.60                     | 3.60                     | 2.40                       | 2.00                    |
| 58.04-76.20-8.73               | DE 300             | 6.00                   | 4.60                     | 3.60                     | 2.40                       | 2.00                    |
| 66.68-79.38-6.35               | DE 312             | 6.60                   | 4.80                     | 3.70                     | 2.75                       | 2.10                    |
| 71.44-82.55-7.05               | DE 325             | 6.60                   | 4.80                     | 3.70                     | 2.75                       | 2.10                    |
| 73.03-85.73-9.52               | DE 337             | 6.60                   | 4.80                     | 3.70                     | 2.75                       | 2.10                    |
| 76.20-88.90-6.35               | DE 350             | 6.60                   | 4.80                     | 3.70                     | 2.75                       | 2.10                    |
| 76.99-95.25-7.40               | DE 375             | 7.20                   | 5.75                     | 3.90                     | 3.35                       | 2.85                    |
| 88.90-101.60-9.52              | DE 400             | 7.20                   | 5.75                     | a.A.                     | a.A.                       | a.A.                    |
| 95.20-107.95-7.93              | DE 425             | 9.40                   | 6.80                     | 4.30                     | 3.90                       | 3.20                    |
| 120.60-133.30-9.52             | DE 525             | 12.60                  | 9.20                     | 5.70                     | 5.15                       | 4.35                    |
| 127.00-139.70-9.52             | DE 550             | 13.00                  | 9.20                     | 6.50                     | 6.10                       | 4.95                    |
| 136.50-149.22-11.20            | DE 587             | 13.00                  | 9.20                     | 6.50                     | 6.10                       | 4.95                    |
| 165.10-177.80-5.55             | DE 700             | a.A.                   | a.A.                     | a.A.                     | a.A.                       | a.A.                    |
| 165.10-184.50-11.10            | DE 725             | 19.20                  | 14.30                    | 8.90                     | 7.50                       | 5.65                    |

**STANGENDICHTUNGEN (INNEN DICHTEND)**

Nutringe mit asymmetrischem Profil der Dichtlippen

**Werkstoffe:**

Baureihe NI150 (metrische Masse) NBR schwarz

Baureihe DI (Zollmasse) NBR schwarz

Baureihe AUNI Polyurethan weiss/bräunlich

Baureihe NI 300 Polyurethan blau 94 Shore A

Baureihe NI400 NBR + Gewebeverstärkung,  
Backring Polyoxymethylen

**Medien:**

Mineralöle, Druckflüssigkeiten

**Betriebsdruck:**

|                |         |
|----------------|---------|
| Baureihe NI150 | 100 bar |
| Baureihe DI    | 100 bar |
| Baureihe AUNI  | 200 bar |
| Baureihe NI300 | 400 bar |
| Baureihe NI400 | 400 bar |

**Temperatur:**

+30 bis + 100 °C Werkstoff NBR

+30 bis + 100 °C Werkstoff AU

**Gleitgeschwindigkeit:**

≤0.5m/sec.

**STANGENDICHTUNGEN (INNEN DICHTEND) – LAGERLISTE**

Die nachstehend aufgeführten Stangendichtungen sind bei uns vorrätig. Sollten Sie eine gewünschte Grösse nicht finden, bitten wir Sie trotzdem anzufragen, da wir unser Lager laufend erweitern.

**BAUREIHE NI 150 (NBR SCHWARZ)**

| <b>Abmessung<br/>d x D x b</b> | <b>Artikel Nr.</b> | <b>1 – 4<br/>Stück</b> | <b>5 – 19<br/>Stück</b> | <b>20 – 49<br/>Stück</b> | <b>50 – 99<br/>Stück</b> | <b>ab 100<br/>Stück</b> |
|--------------------------------|--------------------|------------------------|-------------------------|--------------------------|--------------------------|-------------------------|
| 8-14-4                         | NI 8-14-4          | 10.66                  | 9.44                    | 8.23                     | 5.91                     | 4.30                    |
| 8-16-5.5                       | NI 8-16-5.5        | 9.36                   | 8.36                    | 7.31                     | 5.18                     | 3.79                    |
| 10-18-5.5                      | NI 10-18-5.5       | 9.32                   | 8.33                    | 7.27                     | 5.17                     | 3.75                    |
| 12-20-5.5                      | NI 12-20-5.5       | 9.32                   | 8.33                    | 7.27                     | 5.17                     | 3.75                    |
| 14-22-5                        | NI 14-22-5         | 6.55                   | 5.80                    | 5.05                     | 3.60                     | 2.60                    |
| 14-22-5.5                      | NI 14-22-5.5       | 9.41                   | 8.38                    | 7.32                     | 5.21                     | 3.79                    |
| 16-24-5.5                      | NI 16-24-5.5       | 9.50                   | 8.45                    | 7.38                     | 5.26                     | 3.83                    |
| 16-26-5.5                      | NI 16-26-5.5       | 6.00                   | 5.30                    | 4.65                     | 3.30                     | 2.40                    |
| 16-26-7.5                      | NI 16-26-7.5       | 10.50                  | 8.50                    | a.A.                     | a.A.                     | a.A.                    |
| 20-28-5.5                      | NI 20-28-5.5       | 9.90                   | 8.82                    | 7.68                     | 5.51                     | 4.02                    |
| 20-30-6                        | NI 20-30-6         | 9.71                   | 8.61                    | 7.52                     | 5.39                     | 3.92                    |
| 20-32-6                        | NI 20-32-6         | 6.15                   | 5.50                    | 4.75                     | 3.45                     | 2.50                    |
| 22-30-5.5                      | NI 22-30-5.5       | 9.81                   | 8.70                    | 7.58                     | 5.44                     | 3.95                    |
| 25-35-7                        | NI 25-35-7         | 9.71                   | 8.61                    | 7.52                     | 5.39                     | 3.92                    |
| 25-37-6                        | NI 25-37-6         | 6.10                   | 5.40                    | 4.75                     | 3.40                     | 2.45                    |
| 28-36-5.5                      | NI 28-36-5.5       | 9.96                   | 8.85                    | 7.73                     | 5.53                     | 4.02                    |
| 30-38-7                        | NI 30-38-7         | 7.40                   | a.A.                    | a.A.                     | a.A.                     | a.A.                    |
| 32-42-7                        | NI 32-42-7         | 10.26                  | 9.09                    | 7.98                     | 5.69                     | 4.22                    |
| 32-42-8                        | NI 32-42-8         | 10.26                  | 9.09                    | 7.98                     | 5.69                     | 4.22                    |
| 35-45-7                        | NI 35-45-7         | 13.20                  | 11.90                   | 10.80                    | a.A.                     | a.A.                    |
| 40-47-6                        | NI 40-47-6         | 16.40                  | 12.80                   | 10.30                    | 9.60                     | a.A.                    |
| 40-50-7                        | NI 40-50-7         | 10.32                  | 9.19                    | 8.01                     | 5.74                     | 4.19                    |
| 45-55-7                        | NI 45-55-7         | 10.26                  | 9.09                    | 7.98                     | 5.69                     | 4.22                    |
| 50-60-7                        | NI 50-60-7         | 10.66                  | 9.48                    | 8.27                     | 5.92                     | 4.36                    |
| 56-66-7                        | NI 56-66-7         | 10.70                  | a.A.                    | a.A.                     | a.A.                     | a.A.                    |
| 60-72-8.5                      | NI 60-72-8.5       | 11.61                  | 10.33                   | 9.01                     | 6.45                     | 4.96                    |
| 85-93-11.5                     | NI 85-93-11.5      | 18.40                  | 12.70                   | a.A.                     | a.A.                     | a.A.                    |
| 110-130-14.5                   | NI 110-130-14.5    | 67.10                  | a.A.                    | a.A.                     | a.A.                     | a.A.                    |

**BAUREIHE AUNI (POLYURETHAN WEISS/BRÄUNLICH)**

| <b>Abmessung<br/>d x D x b</b> | <b>Artikel Nr.</b> | <b>1 – 4<br/>Stück</b> | <b>5 – 19<br/>Stück</b> | <b>20 – 49<br/>Stück</b> | <b>50 – 99<br/>Stück</b> | <b>ab 100<br/>Stück</b> |
|--------------------------------|--------------------|------------------------|-------------------------|--------------------------|--------------------------|-------------------------|
| 16-22-5                        | AUNI 16-54         | 15.52                  | 13.55                   | 11.60                    | 7.74                     | 5.25                    |
| 16-26-7.3                      | AUNI 16-26-7.3     | 19.08                  | 16.72                   | 14.31                    | 9.55                     | 6.82                    |
| 18-26-5                        | AUNI 18-26-5       | 10.90                  | 9.55                    | 8.16                     | 5.46                     | 3.88                    |
| 18-26-5.3                      | AUNI 18-26-5.3     | 10.90                  | 9.55                    | 8.16                     | 5.46                     | 3.88                    |
| 18-26-5.7                      | AUNI 18-26-5.7     | 10.90                  | 9.55                    | 8.16                     | 5.46                     | 3.88                    |
| 20-26-5                        | AUNI 20-54         | 10.90                  | 9.11                    | 7.79                     | 5.21                     | 3.62                    |
| 25-32-6                        | AUNI 25-32-6       | 20.14                  | 17.61                   | 15.08                    | 10.04                    | 7.24                    |
| 25-33-10                       | AUNI 25-39         | 11.42                  | 9.99                    | 8.53                     | 5.70                     | 4.11                    |
| 30-40-7                        | AUNI 30-40-7       | 10.10                  | 8.48                    | 7.41                     | a.A.                     | a.A.                    |
| 30-40-7.3                      | AUNI 30-40-7.3     | 12.60                  | 10.10                   | a.A.                     | a.A.                     | a.A.                    |
| 30-40-10.3                     | AUNI 30-37         | 13.05                  | 11.38                   | 9.76                     | 6.51                     | 4.50                    |
| 32-40-8                        | AUNI 32-35         | 15.58                  | 13.64                   | 11.64                    | 7.76                     | 5.73                    |
| 32-47-10                       | AUNI 32-47-10      | 13.39                  | 11.77                   | 10.07                    | 6.70                     | 5.11                    |
| 37-45-6                        | AUNI 37-45-6       | 12.60                  | 10.10                   | a.A.                     | a.A.                     | a.A.                    |
| 40-48-11                       | AUNI 40-53         | 13.39                  | 11.77                   | 10.07                    | 6.70                     | 5.11                    |
| 45-55-7.2                      | AUNI 45-55-7.2     | 18.68                  | 16.35                   | 14.02                    | 9.32                     | 7.31                    |
| 45-55-10                       | AUNI 45-55-10      | 18.68                  | 16.35                   | 14.02                    | 9.32                     | 7.31                    |
| 50-57-10                       | AUNI 50-54         | 13.61                  | 11.88                   | 10.18                    | 6.79                     | 5.21                    |
| 50-60-12                       | AUNI 50-58         | 18.68                  | 16.35                   | 14.02                    | 9.32                     | 7.31                    |
| 55-65-10                       | AUNI 55-65-10      | 26.12                  | 22.86                   | 19.56                    | 13.05                    | 10.16                   |
| 63-75-8.6                      | AUNI 63-75-8.6     | 14.80                  | 12.97                   | 11.10                    | 7.41                     | 5.79                    |
| 70-78-12                       | AUNI 70-23         | 14.80                  | 12.97                   | 11.10                    | 7.41                     | 5.79                    |
| 85-94-14                       | AUNI 85-20         | 19.56                  | 17.78                   | 15.21                    | 10.15                    | 8.09                    |
| 90-100-11.8                    | AUNI 90-27         | 15.60                  | 13.64                   | 11.69                    | 7.78                     | 6.20                    |
| 95-103-12                      | AUNI 95-14         | 23.54                  | 20.65                   | 17.64                    | 11.77                    | 9.50                    |
| 100-108-12                     | AUNI 100-32        | 19.97                  | 17.47                   | 14.98                    | 9.98                     | 8.35                    |
| 120-130-13.5                   | AUNI 120-20        | 30.78                  | 26.93                   | 23.04                    | 15.37                    | 13.25                   |
| 220-240-15                     | AUNI 220-240-15    | 138.09                 | 120.85                  | 103.54                   | 69.05                    | 63.15                   |

**BAUREIHE NI 250 (MIT STÜTZRING)**

| <b>Abmessung<br/>d x D x b</b> | <b>Artikel Nr.</b> | <b>1 – 4<br/>Stück</b> | <b>5 – 19<br/>Stück</b> | <b>20 – 49<br/>Stück</b> | <b>50 – 99<br/>Stück</b> | <b>ab 100<br/>Stück</b> |
|--------------------------------|--------------------|------------------------|-------------------------|--------------------------|--------------------------|-------------------------|
| 20-35-10                       | NI 20-35-10        | 14.90                  | 13.04                   | 11.17                    | 7.43                     | 5.70                    |
| 42-62-12                       | NI 42-62-12        | 16.53                  | 14.45                   | 12.40                    | 8.26                     | 6.46                    |

**BAUREIHE NI 300 (POLYURETHAN BLÄULICH)**

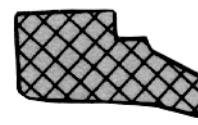
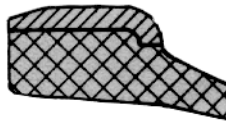
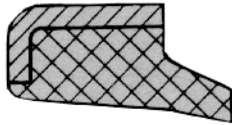
| <b>Abmessung<br/>d x D x b</b> | <b>Artikel Nr.</b> | <b>1 – 4<br/>Stück</b> | <b>5 – 19<br/>Stück</b> | <b>20 – 49<br/>Stück</b> | <b>50 – 99<br/>Stück</b> | <b>ab 100<br/>Stück</b> |
|--------------------------------|--------------------|------------------------|-------------------------|--------------------------|--------------------------|-------------------------|
| 12-18.5-4.5                    | NI 12-18.5-4.5     | 11.00                  | 9.60                    | 8.25                     | 5.50                     | 4.65                    |
| 12-20-5.5                      | NI 12-20-5.5       | 17.51                  | 15.27                   | 13.11                    | 8.72                     | 6.10                    |
| 14-24-8                        | NI 14-24-8         | 17.24                  | 15.09                   | 12.96                    | 8.63                     | 5.94                    |
| 16-22-10                       | NI 16-22-10        | 12.00                  | 10.50                   | 9.00                     | a.A.                     | a.A.                    |
| 18-28-8                        | NI 18-28-8         | 19.63                  | 17.20                   | 14.72                    | 9.81                     | 7.08                    |
| 20-30-7.3                      | NI 20-30-7.3       | 12.15                  | 10.60                   | 9.10                     | a.A.                     | a.A.                    |
| 20-30-8                        | NI 20-30-8         | 20.14                  | 17.61                   | 15.08                    | 10.04                    | 7.24                    |
| 20-36-11.2                     | NI 20-36-11.2      | 11.90                  | 10.40                   | 8.90                     | a.A.                     | a.A.                    |
| 25-35-8                        | NI 25-35-8         | 15.80                  | 13.81                   | 11.82                    | 7.89                     | 5.76                    |
| 35-50-10                       | NI 35-50-10        | 24.34                  | 21.26                   | 18.20                    | 12.12                    | 9.28                    |
| 36-46-10                       | NI 36-46-10        | 17.27                  | 11.97                   | 10.34                    | 8.27                     | a.A.                    |
| 38-45-6                        | NI 38-45-6         | 13.39                  | 11.77                   | 10.07                    | 6.70                     | 5.11                    |
| 40-48-6.3                      | NI 40-48-5.7       | 18.22                  | 15.44                   | 11.97                    | 10.19                    | 8.35                    |
| 45-55-7                        | NI 45-55-7         | 20.23                  | 17.69                   | 15.15                    | 10.12                    | 7.87                    |
| 45-55-10                       | NI 45-55-10        | 26.08                  | 22.81                   | 16.29                    | 13.05                    | 10.15                   |
| 55-65-10                       | NI 55-65-10        | 36.85                  | 32.24                   | 22.01                    | 18.41                    | 14.33                   |
| 55-70-10                       | NI 55-70-10        | 29.14                  | 25.46                   | 21.83                    | 14.55                    | 11.58                   |
| 56-66-10                       | NI 56-66-10        | 20.32                  | 17.78                   | 15.20                    | 10.16                    | 7.91                    |
| 60-70-12                       | NI 60-70-12        | 27.70                  | 24.23                   | 20.76                    | 13.86                    | 10.91                   |
| 63-73-12                       | NI 63-73-12        | 28.15                  | 24.60                   | 21.08                    | 14.04                    | 11.11                   |
| 65-80-10                       | NI 65-80-10        | 30.29                  | 26.48                   | 22.69                    | 15.14                    | 12.12                   |
| 85-100-12                      | NI 85-100-12       | 49.47                  | 43.28                   | 37.09                    | 24.73                    | 21.22                   |
| 90-105-12                      | NI 90-105-12       | 46.32                  | 40.54                   | 34.75                    | 23.20                    | 19.75                   |
| 90-110-12                      | NI 90-110-12       | 48.13                  | 42.15                   | 36.10                    | 24.07                    | 20.59                   |
| 100-115-12                     | NI 100-115-12 SN   | 43.81                  | 37.12                   | 32.31                    | 28.42                    | 24.15                   |
| 100-120-12                     | NI 100-120-12      | 57.37                  | 47.77                   | 34.92                    | 30.38                    | 26.96                   |
| 110-130-12                     | NI 110-130-12      | 51.41                  | 44.96                   | 38.54                    | 25.71                    | 22.62                   |
| 120-140-12                     | NI 120-140-12 SN   | 61.32                  | 51.92                   | 40.22                    | 34.23                    | 28.04                   |
| 150-170-15                     | NI 150-170-15      | 84.31                  | 73.76                   | 63.23                    | 42.15                    | 37.74                   |

**BAUREIHE NI 400 (NBR SCHWARZ, GEWEBEVERSTÄRKT)**

| <b>Abmessung<br/>d x D x b</b> | <b>Artikel Nr.</b> | <b>1 – 4<br/>Stück</b> | <b>5 – 19<br/>Stück</b> | <b>20 – 49<br/>Stück</b> | <b>50 – 99<br/>Stück</b> | <b>ab 100<br/>Stück</b> |
|--------------------------------|--------------------|------------------------|-------------------------|--------------------------|--------------------------|-------------------------|
| 32-47-10                       | NI 32-47-10        | 22.99                  | 20.45                   | 17.86                    | 12.75                    | 11.28                   |
| 56-71-10                       | NI 56-71-10        | 26.74                  | 23.79                   | 20.78                    | 14.85                    | 13.34                   |
| 80-95-10                       | NI 80-95-10        | 28.25                  | 25.09                   | 21.94                    | 15.67                    | 14.24                   |
| 85-100-12                      | NI 85-100-12       | 18.90                  | 16.80                   | 14.70                    | 10.50                    | a.A.                    |
| 100-120-12                     | NI 100-120-12      | 37.39                  | 33.22                   | 29.08                    | 20.76                    | 19.30                   |
| 110-130-12                     | NI 110-130-12      | 39.86                  | 35.41                   | 30.97                    | 22.12                    | 20.58                   |
| 125-145-12                     | NI 125-145-12      | 41.19                  | 36.60                   | 32.01                    | 22.87                    | 21.38                   |
| 125-145-15                     | NI 125-145-15      | 48.00                  | a.A.                    | a.A.                     | a.A.                     | a.A.                    |

BAUREIHE **DI** (NBR SCHWARZ)

| <b>Abmessung</b><br><b><u>d x D x b</u></b> | <b><u>Artikel Nr.</u></b> | <b><u>1 – 9</u></b><br><b><u>Stück</u></b> | <b><u>10 – 49</u></b><br><b><u>Stück</u></b> | <b><u>50 – 99</u></b><br><b><u>Stück</u></b> | <b><u>100 –</u></b><br><b><u>199</u></b><br><b><u>Stück</u></b> | <b><u>ab 200</u></b><br><b><u>Stück</u></b> |
|---------------------------------------------|---------------------------|--------------------------------------------|----------------------------------------------|----------------------------------------------|-----------------------------------------------------------------|---------------------------------------------|
| 3.17-8.75-3.96                              | DI 012                    | 3.75                                       | 2.30                                         | 1.70                                         | 1.10                                                            | 0.85                                        |
| 4.76-11.11-3.96                             | DI 018                    | 3.75                                       | 2.30                                         | 1.70                                         | 1.10                                                            | 0.85                                        |
| 6.35-12.70-3.96                             | DI 025                    | 3.75                                       | 2.30                                         | 1.70                                         | 1.10                                                            | 0.85                                        |
| 7.93-14.28-3.96                             | DI 031                    | 4.40                                       | 3.00                                         | 2.20                                         | 1.40                                                            | 1.15                                        |
| 9.52-16.50-3.96                             | DI 037                    | 4.40                                       | 3.00                                         | 2.20                                         | 1.40                                                            | 1.15                                        |
| 11.11-19.05-3.96                            | DI 043                    | 4.40                                       | 3.00                                         | 2.20                                         | 1.40                                                            | 1.15                                        |
| 12.70-21.00-5.10                            | DI 050                    | 4.40                                       | 3.00                                         | 2.20                                         | 1.40                                                            | 1.15                                        |
| 14.28-20.63-4.76                            | DI 056                    | 4.40                                       | 3.00                                         | 2.20                                         | 1.40                                                            | 1.15                                        |
| 15.87-22.22-4.76                            | DI 062                    | 4.40                                       | 3.00                                         | 2.20                                         | 1.40                                                            | 1.15                                        |
| 17.46-23.81-4.60                            | DI 068                    | 4.40                                       | 3.00                                         | 2.20                                         | 1.40                                                            | 1.15                                        |
| 19.05-25.40-4.76                            | DI 075                    | 4.40                                       | 3.00                                         | 2.20                                         | 1.40                                                            | 1.15                                        |
| 20.63-28.58-4.76                            | DI 081                    | 4.90                                       | 3.00                                         | 2.40                                         | 1.65                                                            | 1.25                                        |
| 22.22-31.75-4.76                            | DI 087                    | 4.90                                       | 3.00                                         | 2.40                                         | 1.65                                                            | 1.25                                        |
| 23.81-36.51-6.35                            | DI 093                    | 4.90                                       | 3.00                                         | 2.40                                         | 1.65                                                            | 1.25                                        |
| 25.40-38.10-6.35                            | DI 100                    | 4.90                                       | 3.00                                         | 2.40                                         | 1.65                                                            | 1.25                                        |
| 26.99-36.51-6.35                            | DI 106                    | 5.00                                       | 3.60                                         | 2.80                                         | 1.80                                                            | 1.45                                        |
| 28.58-41.28-7.93                            | DI 112                    | 5.00                                       | 3.60                                         | 2.80                                         | 1.80                                                            | 1.45                                        |
| 30.16-38.10-6.35                            | DI 118                    | 5.00                                       | 3.60                                         | 2.80                                         | 1.80                                                            | 1.45                                        |
| 31.75-44.45-6.35                            | DI 125                    | 5.00                                       | 3.60                                         | 2.80                                         | 1.80                                                            | 1.45                                        |
| 33.34-40.63-4.60                            | DI 131                    | 5.00                                       | 3.60                                         | 2.80                                         | 1.80                                                            | 1.45                                        |
| 34.93-50.8-9.5                              | DI 137                    | 7.80                                       | 5.20                                         | 4.10                                         | a.A.                                                            | a.A.                                        |
| 38.10-50.80-9.52                            | DI 150                    | 5.50                                       | 4.20                                         | 3.40                                         | 2.10                                                            | 1.70                                        |
| 39.69-55.96-11.1                            | DI 156                    | 5.50                                       | 4.20                                         | 3.40                                         | 2.10                                                            | 1.70                                        |
| 41.28-50.80-5.55                            | DI 162                    | 5.50                                       | 4.20                                         | 3.40                                         | 2.10                                                            | 1.70                                        |
| 42.86-53.98-9.52                            | DI 168                    | 5.50                                       | 4.20                                         | 3.40                                         | 2.10                                                            | 1.70                                        |
| 44.45-57.15-7.93                            | DI 175                    | 5.50                                       | 4.20                                         | 3.40                                         | 2.10                                                            | 1.70                                        |
| 49.21-66.68-9.52                            | DI 193                    | 6.00                                       | 4.80                                         | 3.60                                         | 2.40                                                            | 2.00                                        |
| 57.15-69.85-7.93                            | DI 225                    | 6.00                                       | 4.80                                         | 3.60                                         | 2.40                                                            | 2.00                                        |
| 60.33-76.20-7.93                            | DI 237                    | 6.00                                       | 4.80                                         | 3.60                                         | 2.40                                                            | 2.00                                        |
| 63.50-76.20-7.93                            | DI 250                    | 6.00                                       | 4.80                                         | 3.60                                         | 2.40                                                            | 2.00                                        |
| 73.03-82.55-9.52                            | DI 287                    | 6.60                                       | 4.80                                         | 3.70                                         | 2.75                                                            | 2.10                                        |
| 79.38-98.43-11.11                           | DI 312                    | 7.20                                       | 5.75                                         | 3.90                                         | 3.35                                                            | 2.85                                        |
| 82.55-95.25-7.93                            | DI 325                    | 7.20                                       | 5.75                                         | 3.90                                         | 3.35                                                            | 2.85                                        |
| 85.73-98.43-9.52                            | DI 337                    | 7.20                                       | 5.75                                         | 3.90                                         | 3.35                                                            | 2.85                                        |
| 120.65-136.50-7.14                          | DI 475                    | 12.60                                      | 9.20                                         | 5.70                                         | 5.15                                                            | 4.35                                        |
| 190.50-209.55-12.70                         | DI 750                    | 22.80                                      | 18.70                                        | 11.00                                        | 9.80                                                            | 6.95                                        |

**ABSTREIFER**

Schmutzabstreifer für den Einsatz in Standardzylindern sowie der leichten und mittleren Mobilhydraulik.

Vorteile: einfache Einbauräumausführung, problemlose Montage.

**Ausführungen:**

|                 |                                 |
|-----------------|---------------------------------|
| Baureihe AS     | NBR mit Metallgehäuse           |
| Baureihe ASOB   | NBR ohne Blecharmierung         |
| Baureihe AUAS   | Polyurethan mit Metallgehäuse   |
| Baureihe AUASOB | Polyurethan ohne Blecharmierung |

**Medien:**

Mineralöle, Druckflüssigkeiten

**Temperatur:**

-30 bis +100 °C Werkstoff NBR  
-30 bis +110 °C Werkstoff AU

**Gleitgeschwindigkeit:**

≤2m/sec.

**ABSTREIFER – LAGERLISTE**

Die nachstehend aufgeführten Schmutzabstreifer sind bei uns vorrätig. Sollten Sie eine gewünschte Grösse nicht finden, bitten wir Sie trotzdem anzufragen, da wir unser Lager laufend erweitern.

**BAUREIHE AS (NBR MIT METALLGEHÄUSE)**

| <b><u>Abmessung</u></b><br><b><u>d x D x b1/b2</u></b> | <b><u>Artikel Nr.</u></b> | <b><u>1 – 4</u></b><br><b><u>Stück</u></b> | <b><u>5 – 19</u></b><br><b><u>Stück</u></b> | <b><u>20 – 49</u></b><br><b><u>Stück</u></b> | <b><u>50 – 99</u></b><br><b><u>Stück</u></b> | <b><u>ab 100</u></b><br><b><u>Stück</u></b> |
|--------------------------------------------------------|---------------------------|--------------------------------------------|---------------------------------------------|----------------------------------------------|----------------------------------------------|---------------------------------------------|
| 6-13-3/4,5                                             | AS 6-13-3/4,5             | 7.56                                       | 6.57                                        | 5.53                                         | 5.03                                         | 3.96                                        |
| 8-22-3/4,5                                             | AS 8-22-3/4,5             | 8.81                                       | 7.69                                        | 6.45                                         | 5.88                                         | 4.81                                        |
| 10-16-3/4,5                                            | AS 10-16-3/4,5            | 7.40                                       | 6.39                                        | 5.44                                         | 4.91                                         | 3.83                                        |
| 10-20-5/8                                              | AS 10-20-5/8              | 8.48                                       | 7.36                                        | 6.22                                         | 5.66                                         | 4.58                                        |
| 12-18-3,5/5                                            | AS 12-18-3,5/5            | 8.48                                       | 7.36                                        | 6.21                                         | 5.65                                         | 4.57                                        |
| 12-20-4/6                                              | AS 12-20-4/6              | 8.76                                       | 7.59                                        | 6.43                                         | 5.85                                         | 4.78                                        |
| 12-22-5/8                                              | AS 12-22-5/8              | 7.53                                       | 6.57                                        | 5.51                                         | 5.02                                         | 3.93                                        |
| 14-20-4                                                | AS 14-20-4                | 11.56                                      | 8.48                                        | 7.73                                         | 6.30                                         | 5.53                                        |
| 14-20-4/5                                              | AS 14-20-4/5              | 11.56                                      | 8.48                                        | 7.73                                         | 6.30                                         | 5.53                                        |
| 14-22-3/4                                              | AS 14-22-3/4              | 8.76                                       | 7.59                                        | 6.43                                         | 5.85                                         | 4.79                                        |
| 15-21-3/5                                              | AS 15-21-3/5              | 8.19                                       | a.A.                                        | a.A.                                         | a.A.                                         | a.A.                                        |
| 16-22-3/4                                              | AS 16-22-3/4              | 8.61                                       | 7.46                                        | 6.27                                         | 5.72                                         | 4.64                                        |
| 16-26-5/8                                              | AS 16-26-5/8              | 9.01                                       | 7.81                                        | 6.63                                         | 6.01                                         | 4.92                                        |
| 18-28-7/10                                             | AS 18-28-7/10             | 9.14                                       | 7.89                                        | 6.66                                         | 6.09                                         | 5.01                                        |
| 20-28-3,5/5                                            | AS 20-28-3,5/5            | 8.68                                       | 7.53                                        | 6.38                                         | 5.79                                         | 4.73                                        |
| 20-28-7/10                                             | AS 20-28-7/10             | 11.34                                      | 9.03                                        | a.A.                                         | a.A.                                         | a.A.                                        |
| 20-28-7.5/10                                           | AS 20-28-7.5/10           | 9.13                                       | 7.88                                        | 6.65                                         | 6.09                                         |                                             |
| 20-30-4/6                                              | AS 20-30-4/6              | 8.84                                       | 7.72                                        | 6.50                                         | 5.92                                         | 4.83                                        |
| 20-30-5/7                                              | AS 20-30-5/7              | 8.84                                       | 7.72                                        | 6.50                                         | 5.92                                         | 4.83                                        |
| 20-30-7/10                                             | AS 20-30-7/10             | 9.09                                       | 7.85                                        | 6.63                                         | 6.04                                         | 4.98                                        |
| 22-28-5/9                                              | AS 22-28-5/9              | 8.97                                       | 7.77                                        | 6.57                                         | 5.97                                         | 4.87                                        |
| 22-32-5/8                                              | AS 22-32-5/8              | 7.56                                       | 6.59                                        | 5.54                                         | 5.06                                         | 3.96                                        |
| 22-32-7/10                                             | AS 22-32-7/10             | 7.56                                       | 6.59                                        | 5.54                                         | 5.06                                         | 3.96                                        |
| 22-35-5/8                                              | AS 22-35-5/8              | 8.82                                       | a.A.                                        | a.A.                                         | a.A.                                         | a.A.                                        |
| 24-32-5/7                                              | AS 24-32-5/7              | 6.81                                       | 6.00                                        | 5.07                                         | 4.60                                         | 3.73                                        |
| 24-35-5/8                                              | AS 24-35-5/8              | 8.91                                       | 7.74                                        | 6.54                                         | 5.95                                         | 4.85                                        |
| 25-32-5/7                                              | AS 25-32-5/7              | 9.14                                       | 8.35                                        | 7.40                                         | 6.91                                         | 6.02                                        |
| 25-35-5/7                                              | AS 25-35-5/7              | 7.56                                       | 6.59                                        | 5.54                                         | 5.06                                         | 3.96                                        |
| 25-35-7/10                                             | AS 25-35-7/10             | 8.99                                       | 7.79                                        | 6.58                                         | 5.99                                         | 4.89                                        |
| 26-35-7/10                                             | AS 26-35-7/10             | 10.11                                      | 8.78                                        | 7.42                                         | 6.73                                         | 5.66                                        |
| 28-38-5/8                                              | AS 28-38-5/8              | 9.69                                       | 8.41                                        | 7.11                                         | 6.45                                         | 5.43                                        |
| 28-40-7/10                                             | AS 28-40-7/10             | 9.63                                       | 8.36                                        | 7.05                                         | 6.39                                         | 5.36                                        |
| 30-40-5/8                                              | AS 30-40-5/8              | 8.84                                       | 7.72                                        | 6.47                                         | 5.92                                         | 4.83                                        |
| 30-40-7/10                                             | AS 30-40-7/10             | 8.99                                       | 7.79                                        | 6.58                                         | 5.99                                         | 4.89                                        |
| 30-45-5/8                                              | AS 30-45-5/8              | 9.47                                       | 8.18                                        | 6.95                                         | 6.30                                         | 5.24                                        |
| 32-40-4/7                                              | AS 32-40-4/7              | 8.61                                       | 7.46                                        | 6.31                                         | 5.72                                         | 4.65                                        |
| 32-42-5/7                                              | AS 32-42-5/7              | 8.61                                       | 7.46                                        | 6.31                                         | 5.72                                         | 4.65                                        |
| 32-45-4/8                                              | AS 32-45-4/8              | 8.61                                       | 7.46                                        | 6.31                                         | 5.72                                         | 4.65                                        |
| 35-45-7/10                                             | AS 35-45-7/10             | 9.30                                       | 8.07                                        | 6.80                                         | 6.17                                         | 5.12                                        |
| 36-45-7/10                                             | AS 36-45-7/10             | 9.36                                       | 8.13                                        | 6.85                                         | 6.23                                         | 5.17                                        |
| 38-48-7/10                                             | AS 38-48-7/10             | 9.69                                       | 8.39                                        | 7.10                                         | 6.44                                         | 5.41                                        |
| 40-50-5/8                                              | AS 40-50-5/8              | 9.19                                       | 7.94                                        | 6.70                                         | 6.10                                         | 5.02                                        |
| 40-50-7/10                                             | AS 40-50-7/10             | 9.80                                       | 8.49                                        | 7.18                                         | 6.54                                         | 5.46                                        |

| <b><u>Abmessung</u></b><br><b><u>d x D x b1/b2</u></b> | <b><u>Artikel Nr.</u></b> | <b><u>1 – 4</u></b><br><b><u>Stück</u></b> | <b><u>5 – 19</u></b><br><b><u>Stück</u></b> | <b><u>20 – 49</u></b><br><b><u>Stück</u></b> | <b><u>50 – 99</u></b><br><b><u>Stück</u></b> | <b><u>ab 100</u></b><br><b><u>Stück</u></b> |
|--------------------------------------------------------|---------------------------|--------------------------------------------|---------------------------------------------|----------------------------------------------|----------------------------------------------|---------------------------------------------|
| 40-52-5/8                                              | AS 40-52-5/8              | 9.18                                       | 7.93                                        | 6.69                                         | 6.10                                         | 5.01                                        |
| 42-52-7/10                                             | AS 42-52-7/10             | 9.50                                       | 8.23                                        | 6.97                                         | 6.32                                         | 5.26                                        |
| 45-55-7/10                                             | AS 45-55-7/10             | 9.47                                       | 8.18                                        | 6.95                                         | 6.31                                         | 5.24                                        |
| 45-60-7/10                                             | AS 45-60-7/10             | 9.65                                       | 8.39                                        | 7.10                                         | 6.44                                         | 5.39                                        |
| 48-60-7/10                                             | AS 48-60-7/10             | 10.05                                      | 8.68                                        | 7.34                                         | 6.66                                         | 5.60                                        |
| 50-56-5/7                                              | AS 50-56-5/7              | 9.19                                       | 7.94                                        | 6.70                                         | 6.10                                         | 5.02                                        |
| 50-60-5/7                                              | AS 50-60-5/7              | 8.40                                       | 5.90                                        | a.A.                                         | a.A.                                         | a.A.                                        |
| 50-60-7/10                                             | AS 50-60-7/10             | 9.57                                       | 8.34                                        | 7.02                                         | 6.38                                         | 5.34                                        |
| 50-65-7/10                                             | AS 50-65-7/10             | 9.87                                       | 8.57                                        | 7.23                                         | 6.58                                         | 5.50                                        |
| 52-62-7/10                                             | AS 52-62-7/10             | 10.24                                      | 8.88                                        | 7.51                                         | 6.81                                         | 5.76                                        |
| 55-63-7/10                                             | AS 55-63-7/10             | 10.64                                      | 9.25                                        | 7.79                                         | 7.09                                         | 6.02                                        |
| 55-65-7/10                                             | AS 55-65-7/10             | 11.39                                      | 9.87                                        | 8.35                                         | 7.56                                         | 6.55                                        |
| 60-70-5/7                                              | AS 60-70-5/7              | 9.96                                       | 8.66                                        | 7.29                                         | 6.63                                         | 5.56                                        |
| 60-70-7/10                                             | AS 60-70-7/10             | 9.96                                       | 8.66                                        | 7.30                                         | 6.64                                         | 5.57                                        |
| 60-74-5/8                                              | AS 60-74-5/8              | 11.03                                      | 9.53                                        | 8.07                                         | 7.00                                         | 6.27                                        |
| 60-80-7/10                                             | AS 60-80-7/10             | 11.12                                      | 9.65                                        | 8.14                                         | 7.41                                         | 6.36                                        |
| 63-75-7/10                                             | AS 63-75-7/10             | 10.14                                      | 8.81                                        | 7.41                                         | 6.75                                         | 5.68                                        |
| 65-75-7/10                                             | AS 65-75-7/10             | 10.56                                      | 9.19                                        | 7.75                                         | 7.05                                         | 5.41                                        |
| 70-80-7/10                                             | AS 70-80-7/10             | 10.56                                      | 9.19                                        | 7.77                                         | 7.05                                         | 6.00                                        |
| 80-90-7/10                                             | AS 80-90-7/10             | 11.33                                      | 9.85                                        | 8.33                                         | 7.54                                         | 6.53                                        |
| 80-100-12/15                                           | AS 80-100-12/15           | 14.03                                      | 12.15                                       | 10.30                                        | 9.32                                         | 8.35                                        |
| 85-95-7/10                                             | AS 85-95-7/10             | 11.08                                      | 9.63                                        | 8.12                                         | 7.37                                         | 6.33                                        |
| 90-100-7/10                                            | AS 90-100-7/10            | 11.43                                      | 9.90                                        | 8.36                                         | 7.59                                         | 6.57                                        |
| 95-105-7/10                                            | AS 95-105-7/10            | 15.44                                      | 13.36                                       | 11.28                                        | 10.29                                        | 9.28                                        |
| 100-110-7/10                                           | AS 100-110-7/10           | 14.69                                      | 12.76                                       | 10.75                                        | 9.80                                         | 8.79                                        |
| 110-120-7/10                                           | AS 110-120-7/10           | 16.31                                      | 14.11                                       | 11.93                                        | 10.86                                        | 9.87                                        |
| 115-125-7/10                                           | AS 115-125-7/10           | 17.49                                      | 15.16                                       | 12.79                                        | 11.64                                        | 10.66                                       |
| 120-130-7/10                                           | AS 120-130-7/10           | 18.81                                      | 16.34                                       | 13.80                                        | 12.53                                        | 11.58                                       |
| 125-140-9/12                                           | AS 125-140-9/12           | 19.54                                      | 16.97                                       | 14.34                                        | 13.04                                        | 12.10                                       |
| 130-145-9/12                                           | AS 130-145-9/12           | 20.18                                      | 17.54                                       | 14.78                                        | 13.43                                        | 12.52                                       |
| 140-155-9/12                                           | AS 140-155-9/12           | 21.69                                      | 18.81                                       | 15.91                                        | 14.46                                        | 13.51                                       |
| 160-175-9/12                                           | AS 160-175-9/12           | 23.38                                      | 20.28                                       | 17.14                                        | 15.57                                        | 14.69                                       |
| 180-195-10/14                                          | AS 180-195-10/14          | 30.02                                      | 26.00                                       | 21.99                                        | 19.99                                        | 19.18                                       |
| 200-220-12/16                                          | AS 200-220-12/16          | 46.47                                      | 40.29                                       | 34.06                                        | 30.98                                        | 30.36                                       |
| 220-240-12/16                                          | AS 220-240-12/16          | 52.15                                      | 45.19                                       | 38.22                                        | 34.78                                        | 34.21                                       |

**BAUREIHE AUAS (POLYURETHAN MIT METALLGEHÄUSE)**

| <b>Abmessung<br/>d x D x b1/b2</b> | <b>Artikel Nr.</b> | <b>1 – 4<br/>Stück</b> | <b>5 – 19<br/>Stück</b> | <b>20 – 49<br/>Stück</b> | <b>50 – 99<br/>Stück</b> | <b>ab 100<br/>Stück</b> |
|------------------------------------|--------------------|------------------------|-------------------------|--------------------------|--------------------------|-------------------------|
| 12-20-4/6                          | AUAS 12-20-4/6     | 9.50                   | 8.23                    | 6.98                     | 6.33                     | 5.28                    |
| 12-22-5/8                          | AUAS 12-22-5/8     | 8.68                   | 7.53                    | 6.36                     | 5.78                     | 4.73                    |
| 14-25-5/8                          | AUAS 14-25-5/8     | 8.68                   | 7.53                    | 6.36                     | 5.78                     | 4.73                    |
| 16-22-3/4                          | AUAS 16-22-3/4     | 8.41                   | 7.32                    | 6.16                     | 5.60                     | 4.56                    |
| 20-28-3,5/5                        | AUAS 20-28-3,5/5   | 8.55                   | 7.40                    | 6.23                     | 5.67                     | 4.59                    |
| 20-30-4/6                          | AUAS 20-30-4/6     | 8.88                   | 7.72                    | 6.53                     | 5.93                     | 4.84                    |
| 22-32-7/10                         | AUAS 22-32-7/10    | 9.09                   | 7.85                    | 6.65                     | 6.04                     | 4.98                    |
| 25-35-7/10                         | AUAS 25-35-7/10    | 9.14                   | 7.89                    | 6.66                     | 6.09                     | 5.00                    |
| 30-40-5/8                          | AUAS 30-40-5/8     | 9.57                   | 8.30                    | 6.98                     | 6.37                     | 5.25                    |
| 30-40-7/10                         | AUAS 30-40-7/10    | 9.53                   | 8.31                    | 7.01                     | 6.36                     | 5.32                    |
| 30-45-5/8                          | AUAS 30-45-5/8     | 9.50                   | 8.23                    | 6.98                     | 6.33                     | 5.28                    |
| 32-45-7/10                         | AUAS 32-45-7/10    | 12.13                  | 10.56                   | 8.89                     | 8.09                     | 6.77                    |
| 35-45-7/10                         | AUAS 35-45-7/10    | 9.50                   | 8.23                    | 6.97                     | 6.32                     | 5.26                    |
| 40-50-7/10                         | AUAS 40-50-7/10    | 9.50                   | 8.23                    | 6.98                     | 6.33                     | 5.28                    |
| 42-52-7/10                         | AUAS 42-52-7/10    | 9.77                   | 8.45                    | 7.15                     | 6.53                     | 5.45                    |
| 45-55-7/10                         | AUAS 45-55-7/10    | 10.14                  | 8.81                    | 7.42                     | 6.75                     | 5.71                    |
| 50-56-5/7                          | AUAS 50-56-5/7     | 9.42                   | 8.13                    | 6.88                     | 6.25                     | 5.19                    |
| 50-60-7/10                         | AUAS 50-60-7/10    | 9.87                   | 8.57                    | 7.23                     | 6.58                     | 5.51                    |
| 60-70-7/10                         | AUAS 60-70-7/10    | 10.30                  | 8.91                    | 7.52                     | 6.83                     | 5.78                    |
| 60-75-7.5                          | AUAS 60-75-7.5     | 10.36                  | 8.98                    | 7.57                     | 6.87                     | 5.84                    |
| 65-75-7/10                         | AUAS 65-75-7/10    | 10.36                  | 8.99                    | 7.57                     | 6.88                     | 5.85                    |
| 65-80-7.5                          | AUAS 65-80-7.5     | 10.36                  | 8.98                    | 7.57                     | 6.87                     | 5.84                    |
| 75-85-7/10                         | AUAS 75-85-7/10    | 11.71                  | 10.14                   | 8.58                     | 7.80                     | 6.75                    |
| 80-90-7/10                         | AUAS 80-90-7/10    | 11.43                  | 9.90                    | 8.38                     | 7.59                     | 6.58                    |
| 90-100-7/10                        | AUAS 90-100-7/10   | 11.71                  | 10.14                   | 8.56                     | 7.79                     | 6.74                    |
| 95-105-7/10                        | AUAS 95-105-7/10   | 17.23                  | 14.95                   | 12.62                    | 11.48                    | 10.40                   |
| 105-115-7/10                       | AUAS 105-115-7/10  | 30.70                  | 26.64                   | 22.52                    | 20.48                    | 19.67                   |
| 130-145-9/12                       | AUAS 130-145-9/12  | a.A.                   | a.A.                    | a.A.                     | a.A.                     | a.A.                    |
| 150-165-9/12                       | AUAS 150-165-9/12  | 54.40                  | 47.17                   | 39.89                    | 36.26                    | 35.72                   |
| 200-220-12/16                      | AUAS 200-220-12/16 | 103.50                 | 89.67                   | 75.83                    | 68.96                    | 62.95                   |

**BAUREIHE ASOB (NBR OHNE BLECHARMIERUNG)**

| <b>Abmessung<br/>d x D x b1/b2</b> | <b>Artikel Nr.</b> | <b>1 – 4<br/>Stück</b> | <b>5 – 19<br/>Stück</b> | <b>20 – 49<br/>Stück</b> | <b>50 – 99<br/>Stück</b> | <b>ab 100<br/>Stück</b> |
|------------------------------------|--------------------|------------------------|-------------------------|--------------------------|--------------------------|-------------------------|
| 8-16-4/7                           | ASOB 8-16-4//7     | 5.99                   | 5.55                    | 5.10                     | 4.27                     | 3.13                    |
| 12-18,6-3,8/5                      | ASOB 12-18,6-3,8/5 | 15.00                  | a.A.                    | a.A.                     | a.A.                     | a.A.                    |
| 12-20-4/7                          | ASOB 12-20-4/7     | 6.00                   | 5.55                    | 5.10                     | 4.27                     | 3.14                    |
| 15-23-4/7                          | ASOB 15-23-4/7     | 6.00                   | 5.55                    | 5.10                     | 4.27                     | 3.14                    |
| 16-22,6-3,7/5                      | ASOB 16-22,6-3,7/5 | 4.88                   | 4.53                    | 4.16                     | 3.48                     | 2.57                    |
| 16-24-4/7                          | ASOB 16-24-4/7     | 6.00                   | 5.55                    | 5.10                     | 4.27                     | 3.14                    |
| 18-26-4/7                          | ASOB 18-26-4/7     | 6.11                   | 5.67                    | 5.21                     | 4.36                     | 3.19                    |
| 20-28-4/7                          | ASOB 20-28-4/7     | 6.11                   | 5.67                    | 5.21                     | 4.36                     | 3.19                    |
| 22-30-4/7                          | ASOB 22-30-4/7     | 6.13                   | 5.70                    | 5.22                     | 4.36                     | 3.21                    |
| 25-33-4/7                          | ASOB 25-33-4/7     | 6.10                   | 5.67                    | 5.19                     | 4.34                     | 3.18                    |
| 25-35-4/8                          | ASOB 25-35-4/8     | 43.00                  | 38.70                   | 32.25                    | a.A.                     | a.A.                    |
| 24-32-5/7                          | ASOB 24-32,6-5/7   | 5.04                   | 4.31                    | a.A.                     | a.A.                     | a.A.                    |
| 25-33,6-7                          | ASOB 25-33,6-7     | 7.35                   | 5.88                    | 5.15                     | a.A.                     | a.A.                    |
| 28-36-4/7                          | ASOB 28-36-4/7     | 6.10                   | 5.64                    | 5.17                     | 4.33                     | 3.17                    |
| 30-38-4/7                          | ASOB 30-38-4/7     | 6.10                   | 5.64                    | 5.17                     | 4.33                     | 3.17                    |
| 30-38-4/7                          | ASOB 30-38-4/7     | 4.04                   | 3.73                    | 3.41                     | 2.84                     | 2.10                    |
| 30-40-5/7                          | ASOB 30-40-5/7     | 12.60                  | 9.45                    | a.A.                     | a.A.                     | a.A.                    |
| 30-42-6/9                          | ASOB 30-42-6/9     | 12.60                  | 9.45                    | a.A.                     | a.A.                     | a.A.                    |
| 32-40-4/7                          | ASOB 32-40-4/7     | 6.13                   | 5.70                    | 5.22                     | 4.36                     | 3.21                    |
| 35-43-4/7                          | ASOB 35-43-4/7     | 5.92                   | 5.72                    | 5.28                     | 4.38                     | 3.23                    |
| 35-43-5/7                          | ASOB 35-43-5/7     | 9.66                   | 8.61                    | 6.09                     | 4.52                     | a.A.                    |
| 35-45-5/7                          | ASOB 35-45-5/7     | 12.60                  | 8.19                    | 7.14                     | a.A.                     | a.A.                    |
| 36-44-4/7                          | ASOB 36-44-4/7     | 6.16                   | 5.49                    | 5.08                     | 4.20                     | 3.11                    |
| 40-48-4/7                          | ASOB 40-48-4/7     | 6.21                   | 5.75                    | 5.28                     | 4.40                     | 3.24                    |
| 40-50-5/7                          | ASOB 40-50-5/7     | 13.86                  | a.A.                    | a.A.                     | a.A.                     | a.A.                    |
| 40-52-6/9                          | ASOB 40-52-6/9     | 10.92                  | a.A.                    | a.A.                     | a.A.                     | a.A.                    |
| 45-53-4/7                          | ASOB 45-53-4/7     | 6.28                   | 5.84                    | 5.38                     | 4.50                     | 3.32                    |
| 45-55-5/7                          | ASOB 45-55-5/7     | 14.18                  | 9.14                    | 7.67                     | a.A.                     | a.A.                    |
| 50-58-4/7                          | ASOB 50-58-4/7     | 6.31                   | 5.87                    | 5.39                     | 4.52                     | 3.33                    |
| 55-63-4/7                          | ASOB 55-63-4/7     | 6.39                   | 5.92                    | 5.47                     | 4.57                     | 3.39                    |
| 56-66,6-5/7                        | ASOB 56-66,6-5/7   | 6.39                   | 5.92                    | 5.47                     | 4.56                     | 3.39                    |
| 60-68-4/7                          | ASOB 60-68-4/7     | 6.66                   | 6.15                    | 5.68                     | 4.75                     | 3.53                    |
| 60-68-5/8                          | ASOB 60-68,6-5/7   | 7.35                   | a.A.                    | a.A.                     | a.A.                     | a.A.                    |
| 60-70-5/7                          | ASOB 60-70-5/7     | 7.14                   | a.A.                    | a.A.                     | a.A.                     | a.A.                    |
| 63-71-4/7                          | ASOB 63-71-4/7     | 6.86                   | 6.39                    | 5.89                     | 4.96                     | 3.79                    |
| 65-73-4/7                          | ASOB 65-73-4/7     | 6.86                   | 6.39                    | 5.89                     | 4.96                     | 3.79                    |
| 68-76-4/5/7                        | ASOB 68-76-4/7     | 9.20                   | a.A.                    | a.A.                     | a.A.                     | a.A.                    |
| 70-78-4/7                          | ASOB 70-78-4/7     | 6.93                   | 6.44                    | 5.90                     | 4.96                     | 3.80                    |
| 70-80-5/7                          | ASOB 70-80-5/7     | a.A.                   | a.A.                    | a.A.                     | a.A.                     | a.A.                    |
| 75-83-4/7                          | ASOB 75-83-4/7     | 19.32                  | 15.33                   | a.A.                     | a.A.                     | a.A.                    |
| 75-87-7/12                         | ASOB 75-87-7/12    | 6.09                   | 4.94                    | 4.31                     | 4.20                     | 3.36                    |
| 80-88-4/7                          | ASOB 80-88-4/7     | 6.96                   | 6.46                    | 5.93                     | 4.98                     | 3.82                    |
| 80-88-5/7                          | ASOB 80-88,6-5/7   | 16.59                  | 11.34                   | 10.19                    | a.A.                     | a.A.                    |
| 80-92,2-7/10                       | ASOB 80-92,2-7/10  | 9.98                   | 7.98                    | a.A.                     | a.A.                     | a.A.                    |
| 90-98-4/7                          | ASOB 90-98-4/7     | 7.15                   | 6.64                    | 6.12                     | 5.08                     | 3.92                    |

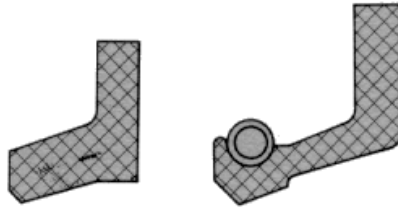
**BAUREIHE ASOB (NBR OHNE BLECHARMIERUNG)**

| <b>Abmessung<br/>d x D x b1/b2</b> | <b>Artikel Nr.</b>  | <b>1 – 4<br/>Stück</b> | <b>5 – 19<br/>Stück</b> | <b>20 – 49<br/>Stück</b> | <b>50 – 99<br/>Stück</b> | <b>ab 100<br/>Stück</b> |
|------------------------------------|---------------------|------------------------|-------------------------|--------------------------|--------------------------|-------------------------|
| 100-108-4/7                        | ASOB 108-4/7        | 8.24                   | 7.68                    | 7.07                     | 5.88                     | 4.70                    |
| 110-122-5,5/10                     | ASOB 110-122-5,5/10 | 8.84                   | 8.20                    | 7.53                     | 6.31                     | 5.12                    |
| 125-137-5,5/10                     | ASOB 125-137-5,5/10 | 10.41                  | 9.66                    | 8.87                     | 7.42                     | 6.04                    |
| 150-162-7/12                       | ASOB 150-162,2-7/12 | 26.04                  | 19.11                   | a.A.                     | a.A.                     | a.A.                    |
| 180-192-5,5/10                     | ASOB 180-192-5,5/10 | 29.13                  | 22.63                   | 20.48                    | 19.12                    | 16.88                   |

**BAUREIHE AUASOB (POLYURETHAN OHNE BLECHARMIERUNG)**

| <b>Abmessung<br/>d x D x b1/b2</b> | <b>Artikel Nr.</b>           | <b>1 – 4<br/>Stück</b> | <b>5 – 19<br/>Stück</b> | <b>20 – 49<br/>Stück</b> | <b>ab 50<br/>Stück</b> |
|------------------------------------|------------------------------|------------------------|-------------------------|--------------------------|------------------------|
| 10-16-3,5/5                        | AUASOB 10-16-3,5/5           | 5.80                   | 4.70                    | a.A.                     | a.A.                   |
| 14-22-4/7                          | AUASOB 14-22-4/7             | 6.91                   | 5.86                    | 4.46                     | 3.80                   |
| 15-25-5/7                          | AUASOB 15-25-5/7             | a.A.                   | a.A.                    | a.A.                     | a.A.                   |
| 16-22,6-3/4                        | AUASOB 16-22,6-3/4           | 4.20                   | 3.36                    | a.A.                     | a.A.                   |
| 18-26-4,8/7                        | AUASOB 18-26-4,8/7           | 12.24                  | 10.73                   | 9.19                     | 6.14                   |
| 20-26-3,4/5,5                      | AUASOB 20-26-3,4/5,5         | 5.67                   | 5.04                    | 4.52                     | a.A.                   |
| 20-28-7/10                         | AUASOB 20-28-7/10            | 28.35                  | 19.85                   | 15.96                    | a.A.                   |
| 22-30-4/7                          | AUASOB 22-30-4/7             | 7.98                   | 6.41                    | 5.57                     | a.A.                   |
| 30-38-5/7                          | AUASOB 30-38-5/7             | 7.80                   | a.A.                    | a.A.                     | a.A.                   |
| 30-38,6-5/7                        | AUASOB 30-38,6-5/7           | 6.60                   | 4.80                    | a.A.                     | a.A.                   |
| 31,75-41,28-4,76                   | AUASOB 31,75-41,28-4,76/6,46 | 14.18                  | a.A.                    | a.A.                     | a.A.                   |
| 32-42-10,7                         | AUASOB 32-42-10,7            | 39.40                  | 29.50                   | 27.00                    | 24.50                  |
| 34,93-42,86-2,5                    | AUASOB 34,93-42,86-2,5       | 29.93                  | 23.73                   | a.A.                     | a.A.                   |
| 35-43-4/7                          | AUASOB 35-43-4/7             | 6.62                   | a.A.                    | a.A.                     | a.A.                   |
| 35-43,6-5,3/6,5                    | AUASOB 35-43,6-5,3/6,5       | 9.66                   | 8.61                    | 6.09                     | 4.51                   |
| 36-44-4/7                          | AUASOB 36-44-7/7             | 4.83                   | 3.89                    | a.A.                     | a.A.                   |
| 38-46-5/7                          | AUASOB 38-46-5/7             | 14.57                  | 12.73                   | 10.92                    | 7.27                   |
| 40-48,6-5/7                        | AUASOB 40-48,6-5/7           | 5.88                   | 4.41                    | a.A.                     | a.A.                   |
| 41.28-50.8-5/7,5                   | AUASOB 41,28-50,8-5/7,5      | 46.00                  | 37.80                   | a.A.                     | a.A.                   |
| 42-50-6/10                         | AUASOB 42-50-6/10            | 35.18                  | a.A.                    | a.A.                     | a.A.                   |
| 45-55-5/7                          | AUASOB 45-55-5/7             | 8.19                   | a.A.                    | a.A.                     | a.A.                   |
| 50-58-4/7                          | AUASOB 50-58-4/7             | 7.14                   | 5.67                    | a.A.                     | a.A.                   |
| 50-60-5/7                          | AUASOB 50-60-5/7             | 6.39                   | 5.92                    | 5.47                     | 4.56                   |
| 56-64-4/7                          | AUASOB 56-64-4/7             | 6.39                   | 5.92                    | 5.47                     | 4.56                   |
| 56-66-7/9                          | AUASOB 55-66-7/9             | 56.00                  | a.A.                    | a.A.                     | a.A.                   |
| 65-78-6/10                         | AUASOB 65-78-6/10            | 47.04                  | a.A.                    | a.A.                     | a.A.                   |
| 70-80-4,8/7                        | AUASOB 70-80-4,8/7           | 12.30                  | a.A.                    | a.A.                     | a.A.                   |
| 95-103-5/7                         | AUASOB 95-103-5/7            | 17.22                  | a.A.                    | a.A.                     | a.A.                   |
| 100-112,2-7/12                     | AUASOB 100-112,2-7/12        | 10.40                  | a.A.                    | a.A.                     | a.A.                   |
| 130-138-5/8                        | AUASOB 130-158-5/8           | 26.67                  | 21.53                   | a.A.                     | a.A.                   |
| 140-155-9/12                       | AUASOB 140-155-9/12          | a.A.                   | a.A.                    | a.A.                     | a.A.                   |
| 150-162-5/6,35                     | AUASOB 150-162-5/6,35        | 74.00                  | 68.00                   | 58.00                    | a.A.                   |

## **HUTMANSCHETTEN**



Hutmanschetten sind einfachwirkende Stangendichtungen mit Dichtlippe – teilweise federbelastet – und Einspannflansch, die an Kolbenstangen, Spindeln oder Wellen etc. eingebaut werden. Hutmanschetten benötigen einen Haltering oder Schraubring zur Befestigung an der Gehäusewand. Die Dichtwirkung steigt nur mit steigendem Druck an der Dichtlippe.

Hutmanschetten werden für untergeordnete Einsätze in älteren Pneumatik- und Hydraulik-Anwendungen und für den Ersatzteilbedarf verwendet. Für Neukonstruktionen werden Hutmanschetten nicht empfohlen.

**Werkstoff:**

NBR schwarz

**Medien:**

Mineralöle, Druckflüssigkeiten

**Betriebsdruck:**

10 bar

**Temperatur:**

-30 bis +100 °C

**Gleitgeschwindigkeit:**

≤0.5m/sec.

**HUTMANSCHETTEN – LAGERLISTE**

Die nachstehend aufgeführten Hutmanschetten sind bei uns vorrätig. Sollten Sie eine Abmessung nicht finden, bitten wir Sie trotzdem anzufragen, da wir unser Lager laufend erweitern.

**HUTMANSCHETTEN OHNE FEDER**

| <b>Abmessung</b>        |                           | <b>1 – 4</b>        | <b>5 – 19</b>       | <b>20 – 49</b>      | <b>50 – 99</b>      | <b>ab 100</b>       |
|-------------------------|---------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| <b><u>d x D x b</u></b> | <b><u>Artikel Nr.</u></b> | <b><u>Stück</u></b> | <b><u>Stück</u></b> | <b><u>Stück</u></b> | <b><u>Stück</u></b> | <b><u>Stück</u></b> |
| 8-18-5/1.5              | H 8-3                     | 9.08                | 6.05                | 4.56                | 4.05                | 3.34                |
| 10-40-8.5/3             | H 10-40-8.5/3             | a.A.                | a.A.                | a.A.                | a.A.                | a.A.                |
| 12-22-5/1.5             | H 12-10                   | a.A.                | a.A.                | a.A.                | a.A.                | a.A.                |
| 18-32-7/2               | H 18-8                    | 9.53                | 6.37                | 4.76                | 4.25                | 3.47                |
| 20-38-10/3.5            | H 20-6                    | 9.92                | 6.57                | 5.28                | 4.50                | 3.99                |
| 20-40-7/2               | H 20-7                    | 10.30               | 6.86                | 5.51                | 4.71                | 4.17                |
| 22-45-10/2.5            | H 22-45-10/2.5            | a.A.                | a.A.                | a.A.                | a.A.                | a.A.                |
| 25-38-10/2.5            | H 25-7                    | 10.35               | 6.85                | 5.51                | 4.70                | 4.16                |
| 25-45-10/2.5            | H 25.45-10/2.5            | a.A.                | a.A.                | a.A.                | a.A.                | a.A.                |
| 25.4-44.45-9.52         | H 100                     | 9.92                | 6.57                | 5.28                | 4.50                | 3.99                |
| 28.58-50.80-9.52/3.53   | 28.58-50.80-9.52/3.53     | 9.92                | 6.57                | 5.28                | 4.50                | 3.99                |
| 30-48-9/2.5             | H 30-6                    | 10.63               | 7.08                | 5.34                | 4.70                | 3.86                |
| 40-65-9.5/3             | H 40-9                    | a.A.                | a.A.                | a.A.                | a.A.                | a.A.                |
| 40-70-16/4              | H 40-70-16                | 12.75               | 10.82               | a.A.                | a.A.                | a.A.                |
| 41.28-63.50-9.52/3.17   | H 41.28-63.50-9.52        | 10.63               | 7.08                | 5.34                | 4.27                | a.A.                |
| 44.45-69.85-11.11/4.76  | H 175                     | 10.63               | 7.08                | 5.34                | a.A.                | a.A.                |
| 45-70-12/3              | H 45-5                    | 11.72               | 8.50                | 7.21                | a.A.                | a.A.                |
| 50.80-69.85-6.35/3.17   | H 50.80-69.85-6.35        | 10.63               | 7.08                | 5.34                | 4.27                | a.A.                |
| 60.33-90.09-9.52/3      | H 60.33-90.09-9.52/3      | 16.80               | a.A.                | a.A.                | a.A.                | a.A.                |
| 80-108-15/4             | H 80-1                    | 14.88               | 13.20               | 10.82               | 9.92                | a.A.                |

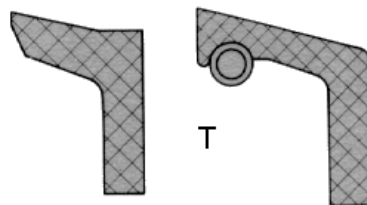
**HUTMANSCHETTEN MIT FEDER**

| <b>Abmessung</b>        |                           | <b>1 – 4</b>        | <b>5 – 19</b>       | <b>20 – 49</b>      | <b>50 – 99</b>      | <b>ab 100</b>       |
|-------------------------|---------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| <b><u>d x D x b</u></b> | <b><u>Artikel Nr.</u></b> | <b><u>Stück</u></b> | <b><u>Stück</u></b> | <b><u>Stück</u></b> | <b><u>Stück</u></b> | <b><u>Stück</u></b> |
| 8-20-5/1                | H 8-2                     | 9.08                | 6.05                | 4.56                | 4.05                | 3.34                |
| 10-25-7                 | H 10-2                    | 9.08                | 6.05                | 4.56                | 4.05                | 3.34                |
| 10-32-8/2.5             | H 10-32-8/2.5             | 15.44               | 13.02               | a.A.                | a.A.                | a.A.                |
| 12-28-8/2               | H 12-7                    | 9.34                | 6.24                | 4.64                | 4.12                | 3.41                |
| 15-40-8.5/3.5           | H 15-40-8.5               | a.A.                | a.A.                | a.A.                | a.A.                | a.A.                |
| 16-31.5-6.6             | H 16-17                   | 9.53                | 6.37                | 4.77                | 4.25                | 3.48                |
| 20-40-8/2               | H 20-9                    | 10.36               | 6.86                | 5.51                | 4.71                | 4.17                |
| 22-40-8/2.5             | H 22-1                    | 9.92                | 6.57                | 5.28                | 4.50                | 3.99                |
| 25-50-10/2.5            | H 25-11                   | 10.63               | 7.08                | 5.34                | 4.70                | 3.86                |
| 30-50-12/2.5            | H 30-4                    | 25.00               | 22.50               | 17.50               | 16.22               | 15.63               |
| 30-60-12/3              | H 30-60-12/3              | a.A.                | a.A.                | a.A.                | a.A.                | a.A.                |
| 40-60-10/2.5            | H 40-5                    | 11.01               | 7.33                | 5.98                | 5.15                | 4.70                |
| 40-70-15/2.5            | H 40-7                    | 12.84               | 9.31                | 7.90                | 6.98                | 6.21                |
| 60-85-12/3              | H 60-4                    | 14.38               | 12.57               | 9.95                | 9.21                | 7.93                |
| 60-90-13/3              | H 60-10                   | a.A.                | a.A.                | a.A.                | a.A.                | a.A.                |
| 70-110-13/3             | H 70-4                    | a.A.                | a.A.                | a.A.                | a.A.                | a.A.                |
| 90-120-13.5/3.5         | H 90-1                    | 21.65               | 17.66               | 13.14               | 11.46               | a.A.                |
| 160-200-17/3            | H 160-1                   | 67.64               | 52.67               | 43.05               | 39.58               | a.A.                |
| 220-270-15              | H 220-2                   | a.A.                | a.A.                | a.A.                | a.A.                | a.A.                |

## **TOPFMANSCHETTEN**

Topfmanschetten sind einfachwirkende Kolbendichtungen mit Dichtlippe – teilweise mit Feder – und Einspannflansch, die zur Abdichtung von Pumpenkolben verwendet werden. Topfmanschetten benötigen Halteringe zur Befestigung an der Gehäusewand. Die Dichtwirkung steigt nur mit steigendem Druck an der Dichtlippe.

Topfmanschetten werden für untergeordnete Einsätze in älteren Pneumatik- und Hydraulik-Anwendungen und für den Ersatzteilbedarf verwendet. Für Neukonstruktionen werden Topfmanschetten nicht empfohlen.

**Werkstoff:**

NBR schwarz

**Medien:**

Mineralöle, Druckflüssigkeiten

**Betriebsdruck:**

10 bar

**Temperatur:**

-30 bis +100 °C

**Gleitgeschwindigkeit:**

0.5m/sec.

**TOPFMANSCHETTEN – LAGERLISTE**

Die nachstehend aufgeführten Topfmanschetten sind bei uns vorrätig. Sollten Sie eine gewünschte Grösse nicht finden, bitten wir Sie trotzdem anzufragen, da wir unser Lager laufend erweitern.

**TOPFMANSCHETTEN OHNE FEDER**

| <b>Abmessung</b><br><b><u>D x d x b</u></b> | <b><u>Artikel Nr.</u></b>  | <b><u>1 – 4</u></b><br><b><u>Stück</u></b> | <b><u>5 – 19</u></b><br><b><u>Stück</u></b> | <b><u>20 – 49</u></b><br><b><u>Stück</u></b> | <b><u>50 – 99</u></b><br><b><u>Stück</u></b> | <b><u>ab 100</u></b><br><b><u>Stück</u></b> |
|---------------------------------------------|----------------------------|--------------------------------------------|---------------------------------------------|----------------------------------------------|----------------------------------------------|---------------------------------------------|
| 12-4-6/2                                    | T 12-4-6/2 OF              | 9.08                                       | 6.05                                        | 4.56                                         | 4.05                                         | 3.34                                        |
| 14-6-5/1.5                                  | T 14-6-5/1.5 OF            | 9.08                                       | 6.05                                        | 4.56                                         | 4.05                                         | 3.34                                        |
| 15-6-5/1.5                                  | T 15-6-5/1.5 OF            | 9.47                                       | 6.32                                        | 4.77                                         | 4.23                                         | 3.49                                        |
| 15-6-7/3                                    | T 15-6-7/3 OF              | 9.08                                       | 6.90                                        | 6.05                                         | 5.21                                         | 4.35                                        |
| 16-0-6/2                                    | T 16-0-6/2 OF              | 9.08                                       | 6.05                                        | 4.56                                         | 4.05                                         | 3.34                                        |
| 17-8-7/1,5                                  | T 17-8-7/1,5 OF            | 9.08                                       | 6.05                                        | 4.56                                         | 4.05                                         | 3.34                                        |
| 18-5-7/3                                    | T 18-5-7/3 OF              | a.A.                                       | a.A.                                        | a.A.                                         | a.A.                                         | a.A.                                        |
| 20-8-6.5/3                                  | T 20-8-6.5/3 OF            | 9.08                                       | 6.05                                        | 4.56                                         | 4.05                                         | 3.34                                        |
| 20-10-8                                     | T 20-10-8 OF               | 9.47                                       | 6.32                                        | 5.44                                         | 4.77                                         | 4.23                                        |
| 22-6-7/2                                    | T 22-6-7/2 OF              | 9.48                                       | 6.32                                        | 4.77                                         | 4.24                                         | 3.50                                        |
| 25-0-7/3                                    | T 25-0-7/3 OF              | 9.08                                       | 6.05                                        | 4.56                                         | 4.05                                         | 3.34                                        |
| 25-9-8/2.5                                  | T 25-9-8/2.5 OF            | 9.08                                       | 6.05                                        | 4.56                                         | 4.05                                         | 3.34                                        |
| 25-15-5/1.5                                 | T 25-15-5/1.5 OF           | 9.08                                       | 6.05                                        | 4.56                                         | 4.05                                         | 3.34                                        |
| 25.4-0-5/1.5                                | T 25.40-0-5/1.5 OF         | 9.08                                       | 6.05                                        | 4.56                                         | 4.05                                         | 3.34                                        |
| 28-16-6/1.5                                 | T 28-16-6/1.5 OF           | 9.34                                       | 6.24                                        | 4.64                                         | 4.12                                         | 3.41                                        |
| 28-16-8/2.5                                 | T 28-16-8/2.5 OF           | 9.34                                       | 6.24                                        | 4.64                                         | 4.12                                         | 3.41                                        |
| 30-14-6/2                                   | T 30-14-6/2 OF             | a.A.                                       | a.A.                                        | a.A.                                         | a.A.                                         | a.A.                                        |
| 32-5-10/3                                   | T 32-5-10/3 OF             | a.A.                                       | a.A.                                        | a.A.                                         | a.A.                                         | a.A.                                        |
| 32-16-8/2.5                                 | T 32-16-8/2.5 OF           | a.A.                                       | a.A.                                        | a.A.                                         | a.A.                                         | a.A.                                        |
| 32-18-7/2                                   | T 32-18-7/2 OF             | a.A.                                       | a.A.                                        | a.A.                                         | a.A.                                         | a.A.                                        |
| 32-27-8/2.5                                 | T 32-27-8/2.5 OF           | a.A.                                       | a.A.                                        | a.A.                                         | a.A.                                         | a.A.                                        |
| 35-10-12/3                                  | T 35-10-12/3 OF            | 9.53                                       | 6.37                                        | 4.76                                         | 4.25                                         | 3.47                                        |
| 36-18-6/2                                   | T 36-18-6/2 OF             | a.A.                                       | a.A.                                        | a.A.                                         | a.A.                                         | a.A.                                        |
| 37-26-7/1.5                                 | T 37-26-7/1,5 OF           | 9.92                                       | 6.57                                        | 5.28                                         | 4.50                                         | 3.99                                        |
| 38-0-10/3                                   | T 38-0-10/3 OF             | 33.60                                      | 26.88                                       | 23.52                                        | a.A.                                         | a.A.                                        |
| 38.1-0-9.4/3                                | T 38.1-0-9.4/3 OF          | a.A.                                       | a.A.                                        | a.A.                                         | a.A.                                         | a.A.                                        |
| 38-12-8/2.5                                 | T 38-12-8/2.5 OF           | 9.92                                       | 6.57                                        | 5.28                                         | 4.50                                         | 3.99                                        |
| 40-0-6/2                                    | T 40-0-6/2 OF              | 9.92                                       | 6.57                                        | 5.28                                         | 4.50                                         | 3.99                                        |
| 40-10.1-9/2.5                               | T 40-10.1-9/2.5 OF         | 9.92                                       | 6.57                                        | 5.28                                         | 4.50                                         | 3.99                                        |
| 40-13-13/4                                  | T 40-13-13/4 OF            | a.A.                                       | a.A.                                        | a.A.                                         | a.A.                                         | a.A.                                        |
| 40-16-10/2                                  | T 40-16-10/2 OF            | a.A.                                       | a.A.                                        | a.A.                                         | a.A.                                         | a.A.                                        |
| 40-21-9/3                                   | T 40-21-9/3 OF             | 9.92                                       | 6.57                                        | 5.28                                         | 4.50                                         | 3.99                                        |
| 40-30-6/1.6                                 | T 40-30-6/1.6 OF           | 9.92                                       | 6.57                                        | 5.28                                         | 4.50                                         | 3.99                                        |
| 41.28-12.7-9.52                             | T 41.28-12.7-9.52/3.17     | 10.31                                      | 6.89                                        | 5.15                                         | 4.64                                         | a.A.                                        |
| 42-25-13/2.5                                | T 42-25-13/2.5 OF          | 10.31                                      | 6.89                                        | 5.15                                         | 4.64                                         | 3.73                                        |
| 45-20-10/3                                  | T 45-20-10/3 OF            | a.A.                                       | a.A.                                        | a.A.                                         | a.A.                                         | a.A.                                        |
| 45-22-14/4                                  | T 45-22-14/4 OF            | 10.31                                      | 6.89                                        | 5.15                                         | 4.64                                         | 3.73                                        |
| 45-30-6/1.5                                 | T 45-30-6/1.5 OF           | 11.28                                      | 7.54                                        | 5.64                                         | 5.08                                         | 4.09                                        |
| 50.80-22.22-9.52/3.17                       | T 50.80-22.22-9.52/3.17 OF | 12.80                                      | 9.40                                        | 7.60                                         | a.A.                                         | a.A.                                        |
| 50-0-15/4.5                                 | T 50-0-15/4.5 OF           | 10.63                                      | 7.08                                        | 5.34                                         | 4.70                                         | 3.86                                        |
| 50-25-12/3                                  | T 50-25-12/3 OF            | 10.63                                      | 7.08                                        | 5.34                                         | 4.70                                         | 3.86                                        |
| 50-28-7/2                                   | T 50-28-7/2 OF             | 10.63                                      | 7.08                                        | 5.34                                         | 4.70                                         | 3.86                                        |

TOPFMANSCHETTEN OHNE FEDER

| <b>Abmessung</b><br><b><u>D x d x b</u></b> | <b><u>Artikel Nr.</u></b> | <b><u>1 – 4</u></b><br><b><u>Stück</u></b> | <b><u>5 – 19</u></b><br><b><u>Stück</u></b> | <b><u>20 – 49</u></b><br><b><u>Stück</u></b> | <b><u>50 – 99</u></b><br><b><u>Stück</u></b> | <b><u>ab 100</u></b><br><b><u>Stück</u></b> |
|---------------------------------------------|---------------------------|--------------------------------------------|---------------------------------------------|----------------------------------------------|----------------------------------------------|---------------------------------------------|
| 52-20-8/2.5                                 | T 52-20-8/2.5 OF          | 10.63                                      | 7.08                                        | 5.34                                         | 4.70                                         | 3.86                                        |
| 55-16-10/3                                  | T 55-16-10/3 OF           | 11.29                                      | 7.53                                        | 5.65                                         | 5.04                                         | 4.10                                        |
| 55-36-10/3.5                                | T 55-36-10/3.5 OF         | 10.82                                      | 7.21                                        | 5.40                                         | 4.83                                         | a.A.                                        |
| 60-30-13/3                                  | T 60-30-13/3 OF           | a.A.                                       | a.A.                                        | a.A.                                         | a.A.                                         | a.A.                                        |
| 60.33-19.05-9.52                            | T 60.33-19.05-9.52/3.53   | 12.60                                      | 10.08                                       | a.A.                                         | a.A.                                         | a.A.                                        |
| 65-25-12/3.5                                | T 65-25-12/3.5 OF         | 11.72                                      | 8.50                                        | 7.21                                         | 6.37                                         | 5.67                                        |
| 68-35-10/3                                  | T 68-35-10/3 OF           | a.A.                                       | a.A.                                        | a.A.                                         | a.A.                                         | a.A.                                        |
| 70-12-13/3                                  | T 70-12-13/3 OF           | 11.72                                      | 8.50                                        | 7.21                                         | 6.37                                         | 5.67                                        |
| 70-22-9/2                                   | T 70-22-9/2 OF            | 26.55                                      | 22.00                                       | 20.19                                        | 19.00                                        | 18.00                                       |
| 75-53-15/4                                  | T 75-53-15/4 OF           | 12.75                                      | 10.82                                       | 8.37                                         | 7.66                                         | 6.69                                        |
| 75-55.5-12/3                                | T 75-55.5-12/3 OF         | a.A.                                       | a.A.                                        | a.A.                                         | a.A.                                         | a.A.                                        |
| 76-34-16.5/6.5                              | T 76-34-16.5/6.5 OF       | 12.75                                      | 10.82                                       | 8.37                                         | 7.66                                         | 6.69                                        |
| 76.2-25.4-12.7                              | T 76.2-25.4-12.7/4.76     | 12.75                                      | 10.83                                       | 8.37                                         | 7.66                                         | 6.69                                        |
| 80-0-20/4                                   | T 80-0-20/4 OF            | 12.75                                      | 10.82                                       | 8.37                                         | 7.66                                         | 6.69                                        |
| 80-50-10/2.5                                | T 80-50-10/2.5 OF         | 13.30                                      | 11.29                                       | 8.74                                         | 8.00                                         | 6.99                                        |
| 80-52-8.5/3                                 | T 80-52-8.5/3 OF          | 12.75                                      | 10.82                                       | 8.37                                         | 7.66                                         | 6.69                                        |
| 85-45-14/2.5                                | T 85-45-14/2.5 OF         | 13.78                                      | 12.05                                       | 9.53                                         | 8.83                                         | 7.60                                        |
| 92-23-19/3                                  | T 92-23-19/3 OF           | 13.78                                      | 12.05                                       | 9.53                                         | 8.83                                         | 7.60                                        |
| 100-42-18/4                                 | T 100-42-18/4 OF          | 14.88                                      | 13.20                                       | 10.82                                        | 9.92                                         | 9.08                                        |
| 100-60-15/3                                 | T 100-60-15/3 OF          | 15.00                                      | 13.30                                       | 11.93                                        | 10.84                                        | 9.93                                        |
| 110-70-15/3                                 | T 110-70-15/3 OF          | 14.88                                      | 13.20                                       | 10.82                                        | 9.92                                         | 9.08                                        |
| 120-76-20/3                                 | T 120-76-20/3 OF          | 22.59                                      | 18.42                                       | 13.72                                        | 11.97                                        | a.A.                                        |
| 150-35-25/4                                 | T 150-35-25/4 OF          | 38.80                                      | 30.10                                       | 24.68                                        | 22.61                                        | 20.37                                       |
| 200-150-20/5                                | T 200-150-20/5 OF         | a.A.                                       | a.A.                                        | a.A.                                         | a.A.                                         | a.A.                                        |

TOPFMANSCHETTEN MIT FEDER

| <b>Abmessung</b><br><b><u>D x d x b</u></b> | <b><u>Artikel Nr.</u></b> | <b><u>1 – 4</u></b><br><b><u>Stück</u></b> | <b><u>5 – 19</u></b><br><b><u>Stück</u></b> | <b><u>20 – 49</u></b><br><b><u>Stück</u></b> | <b><u>50 – 99</u></b><br><b><u>Stück</u></b> | <b><u>ab 100</u></b><br><b><u>Stück</u></b> |
|---------------------------------------------|---------------------------|--------------------------------------------|---------------------------------------------|----------------------------------------------|----------------------------------------------|---------------------------------------------|
| 31.75-22-7.5                                | T 31.75-22-7.5 MF         | 9.34                                       | 6.24                                        | 4.64                                         | 4.12                                         | 3.41                                        |
| 40-0-10/2                                   | T 40-0-10/2 MF            | 10.63                                      | 7.08                                        | 5.28                                         | 4.70                                         | a.A.                                        |
| 50-10.5-18/3.5                              | T 50-10.5-18/3.5 MF       | 19.80                                      | 14.60                                       | 12.20                                        | a.A.                                         | a.A.                                        |
| 60-14-19/7                                  | T 60-14-19/7 MF           | 21.31                                      | 17.95                                       | 14.07                                        | 12.81                                        | a.A.                                        |
| 63-17-7/3                                   | T 63-17-7/3 MF            | a.A.                                       | a.A.                                        | a.A.                                         | a.A.                                         | a.A.                                        |
| 65-42-9/2.5                                 | T 65-42-9/2.5 MF          | a.A.                                       | a.A.                                        | a.A.                                         | a.A.                                         | a.A.                                        |
| 70-24-15/3                                  | T 70-24-15/3 MF           | 11.72                                      | 8.50                                        | 7.21                                         | 6.37                                         | 5.67                                        |
| 70-40-12/3                                  | T 70-40-12/3 MF           | a.A.                                       | a.A.                                        | a.A.                                         | a.A.                                         | a.A.                                        |
| 90-21-15/3.5                                | T 90-21-15/3.5 MF         | 14.88                                      | 13.20                                       | 10.82                                        | 9.92                                         | a.A.                                        |
| 100-60-15/3                                 | T 100-60-15/3 MF          | 14.88                                      | 13.20                                       | 10.82                                        | 9.92                                         | 9.08                                        |
| 115-76-15/5                                 | T 115-76-15/5 MF          | a.A.                                       | a.A.                                        | a.A.                                         | a.A.                                         | a.A.                                        |
| 125-100-13/2.5                              | T 125-100-13/2.5 MF       | a.A.                                       | a.A.                                        | a.A.                                         | a.A.                                         | a.A.                                        |
| 150-110-15/3                                | T 150-110-15/3 MF         | 38.80                                      | 30.10                                       | 24.68                                        | 22.61                                        | 20.37                                       |
| 220-170-20/4                                | T 220-170-20/4 MF         | 62.13                                      | 50.86                                       | 44.01                                        | 39.76                                        | 33.78                                       |

## **KOMPLETTKOLBEN FÜR HYDRAULIK**

Die Komplettkolben T DUO und T DUOH für Stangen und Kolben werden für untergeordnete Hydraulikanwendungen, vorzugsweise für den Ersatzteilbedarf, verwendet. Sie verfügen über einen Stahlgrundkörper und anvulkanisierten, federbelasteten Dichtlippen. Dieser Komplettkolben wird mit der auf dem Einspannflansch befindlichen Gummischicht zur Stangenseite auf den Stangenzapfen geschoben und durch Verschraubung fixiert.



### **Werkstoff:**

T DUO  
T DUOH

NBR 80 Shore A (Acrylnitrilkautschuk)  
NBR 90 Shore A (Acrylnitrilkautschuk)

### **Medien:**

Mineralöle nach DIN 51524,  
Druckflüssigkeiten HFA, HFB, HFC (nach  
VDMA 24317)

### **Temperatur:**

-30 bis +100 °C

### **Gleitgeschwindigkeit:**

0,5 m/s

KOMPLETTKOLBEN T DUO

| <b>Abmessung</b><br><b><u>D x d x b</u></b> | <b><u>Artikel Nr.</u></b> | <b><u>1 – 4</u></b><br><b><u>Stück</u></b> | <b><u>5 – 19</u></b><br><b><u>Stück</u></b> | <b><u>20 – 49</u></b><br><b><u>Stück</u></b> | <b><u>50 – 99</u></b><br><b><u>Stück</u></b> | <b><u>ab 100</u></b><br><b><u>Stück</u></b> |
|---------------------------------------------|---------------------------|--------------------------------------------|---------------------------------------------|----------------------------------------------|----------------------------------------------|---------------------------------------------|
| 25-8-22                                     | T DUO 25-8-22 MF          | 21.43                                      | 18.75                                       | 15.00                                        | 12.50                                        | 11.53                                       |
| 40-10-25                                    | T DUO 40-10-25 MF         | 40.81                                      | 30.24                                       | 20.41                                        | 18.14                                        | 16.32                                       |
| 45-10-25                                    | T DUO 45-10-25 MF         | 25.86                                      | 21.98                                       | a.A.                                         | a.A.                                         | a.A.                                        |
| 46-12-25                                    | T DUO 46-12-25 MF         | 24.08                                      | 21.08                                       | 16.86                                        | 14.04                                        | 12.97                                       |
| 50-10-25                                    | T DUO 50-10-25 MF         | 37.86                                      | 32.20                                       | 21.73                                        | 19.33                                        | 17.38                                       |
| 60-12-26                                    | T DUO 60-12-26 MF         | 45.47                                      | 33.67                                       | 22.72                                        | 20.20                                        | 18.18                                       |
| 70-12-30                                    | T DUO 70-12-30 MF         | a.A.                                       | a.A.                                        | a.A.                                         | a.A.                                         | a.A.                                        |
| 80-12-30                                    | T DUO 80-12-30 MF         | 57.46                                      | 34.58                                       | 34.47                                        | 31.03                                        | 28.20                                       |
| 90-12-35                                    | T DUO 90-12-35 MF         | 52.17                                      | 46.36                                       | 37.93                                        | 32.09                                        | 29.80                                       |
| 100-12-35                                   | T DUO 100-12-35 MF        | 91.13                                      | 66.50                                       | 54.67                                        | 49.20                                        | 44.72                                       |
| 120-20-40                                   | T DUO 120-20-40 MF        | a.A.                                       | a.A.                                        | a.A.                                         | a.A.                                         | a.A.                                        |
| 115-20-30                                   | T DUO 115-20-40 MF        | a.A.                                       | a.A.                                        | a.A.                                         | a.A.                                         | a.A.                                        |
| 140-20-40                                   | T DUO 140-20-40 MF        | 129.06                                     | 94.17                                       | 77.43                                        | 69.69                                        | 63.35                                       |
| 160-20-40                                   | T DUO 160-20-40 MF        | a.A.                                       | a.A.                                        | a.A.                                         | a.A.                                         | a.A.                                        |
| 180-20-15                                   | T DUO 180-20-15 MF        | 159.49                                     | 141.77                                      | 116.00                                       | 98.15                                        | 91.15                                       |
| 200-20-40                                   | T DUO 200-20-40 MF        | 211.10                                     | 187.64                                      | 153.53                                       | 129.90                                       | 120.63                                      |

KOMPLETTKOLBEN T DUOH

| <b>Abmessung</b><br><b><u>D x d x b</u></b> | <b><u>Artikel Nr.</u></b> | <b><u>1 – 4</u></b><br><b><u>Stück</u></b> | <b><u>5 – 19</u></b><br><b><u>Stück</u></b> | <b><u>20 – 49</u></b><br><b><u>Stück</u></b> | <b><u>50 – 99</u></b><br><b><u>Stück</u></b> | <b><u>ab 100</u></b><br><b><u>Stück</u></b> |
|---------------------------------------------|---------------------------|--------------------------------------------|---------------------------------------------|----------------------------------------------|----------------------------------------------|---------------------------------------------|
| 60-12-26                                    | T DUOH 60-12-26 MF        | 45.47                                      | 33.67                                       | 22.72                                        | 20.20                                        | 18.18                                       |
| 63-12-25                                    | T DUOH 63-12-25 MF        | a.A.                                       | a.A.                                        | a.A.                                         | a.A.                                         | a.A.                                        |
| 65-12-25                                    | T DUOH 65-12-25 MF        | 47.12                                      | 34.90                                       | 23.56                                        | 20.93                                        | 18.84                                       |
| 80-12-30                                    | T DUOH 80-12-30 MF        | 59.93                                      | 43.73                                       | 35.96                                        | 32.96                                        | a.A.                                        |
| 160-20-40                                   | T DUOH 160-20-40 MF       | 165.40                                     | 120.69                                      | 99.24                                        | 89.32                                        | 81.19                                       |

## KOMPLETTKOLBEN FÜR PNEUMATIK

Die Komplettkolben T DUOP(-AIR) sind Kolbendichtungen mit Stahlgrundkörper und anvulkanisierten Dichtlippen mit speziellen Pneumatikdichtkanten. Einfache Befestigung auf der Kolbenstange ohne zusätzliche Dichtelemente. Befestigung über Unterlegscheiben mit einer Mutter. Die Ausführung mit radialen Lüftungskanälen an der Stirnseite ermöglicht die sichere Druckbeaufschlagung in den Endlagen.



### Werkstoff:

NBR 72 Shore A (Acrylnitrilkautschuk)

### Medien:

Aufbereitete, getrocknete und entölte Druckluft (Nachmontagefettung)

### Betriebsdruck:

12 bar

### Temperatur:

-20 bis +100 °C

### Gleitgeschwindigkeit:

1,0 m/s

## KOMPLETTKOLBEN T DUOP

| <b>Abmessung</b>        |                           | <b>1 – 4</b>        | <b>5 – 19</b>       | <b>20 – 49</b>      | <b>50 – 99</b>      | <b>ab 100</b>       |
|-------------------------|---------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| <b><u>D x d x b</u></b> | <b><u>Artikel Nr.</u></b> | <b><u>Stück</u></b> | <b><u>Stück</u></b> | <b><u>Stück</u></b> | <b><u>Stück</u></b> | <b><u>Stück</u></b> |
| 35-8-15                 | T DUOP 35-8-15 OF         | 39.16               | 29.01               | 19.58               | 17.39               | a.A.                |
| 40-10-18                | T DUOP 40-10-18 OF        | 18.76               | 13.51               | 8.44                | 7.50                | 6.75                |
| 50-10-18                | T DUOP 50-10-18 OF        | 22.81               | 16.42               | 10.25               | 9.12                | 8.21                |
| 50-10.2-15              | T DUOP 50-10.2-15 OF      | 44.86               | 38.80               | a.A.                | 29.80               | 27.80               |
| 63-16-22                | T DUOP 63-16-22 OF        | 32.00               | a.A.                | a.A.                | a.A.                | a.A.                |
| 80-16-22.5              | T DUOP 80-16-22.5 OF      | a.A.                | a.A.                | a.A.                | a.A.                | a.A.                |
| 80-16-25                | T DUOP 80-16-25 OF        | a.A.                | a.A.                | a.A.                | a.A.                | a.A.                |
| 70-12-22                | T DUOP 70-12-22 OF        | 31.54               | 22.71               | 14.18               | 12.62               | 11.36               |
| 100-20-25               | T DUOP-AIR 100-20-25 OF   | 74.52               | 53.66               | 33.53               | 29.80               | 26.82               |