



W1

## ASFA S (12 mm) Hose Clamp W1

This clamp represents the latest stage in the evolution of the ASFA 12mm range. One of the main developments in this version is the lateral displacement of the band thread, which reduces the tendency of the band end to exit the housing off-centre when tightened. Thanks to the combination of the housing, the locking system and the location of the screw within the housing, this clamp offers superior performance at the same torque ratings.

Specially recommended for industrial applications.

The ASFA S hose clip complies fully with the DIN 3017 norm and also with the directive EU 2002/95/EC.

**\* The maximum application pressure can vary depending on the type of hose used and the geometry of the coupling.**

| Ø<br>Application | Part Number | A<br>+0.3 -0.2 | L<br>+1 -0.5 | S<br>±0.1 | H<br>Max. | B<br>Max. | Maximum values    |             | Box<br>Quantity | Outer Box<br>Quantity |
|------------------|-------------|----------------|--------------|-----------|-----------|-----------|-------------------|-------------|-----------------|-----------------------|
|                  |             |                |              |           |           |           | Pressure<br>(Bar) | Par<br>(Nm) |                 |                       |
| 16-27            | 03009001    | 12             | 29,6         | 0,85      | 11        | 16,7      | 45,0              | 5,0         | 50              | 400                   |
| 20-32            | 03009002    | 12             | 29,6         | 0,85      | 11        | 16,7      | 45,0              | 6,0         | 50              | 400                   |
| 25-40            | 03009003    | 12             | 29,6         | 0,85      | 11        | 16,7      | 40,0              | 6,0         | 50              | 400                   |
| 30-45            | 03009004    | 12             | 29,6         | 0,85      | 11        | 16,7      | 35,0              | 6,0         | 50              | 400                   |
| 32-50            | 03009005    | 12             | 29,6         | 0,85      | 11        | 16,7      | 35,0              | 6,5         | 50              | 200                   |
| 40-60            | 03009006    | 12             | 29,6         | 0,85      | 11        | 16,7      | 30,0              | 6,5         | 50              | 400                   |
| 50-70            | 03009007    | 12             | 29,6         | 0,85      | 11        | 16,7      | 25,0              | 7,5         | 50              | 400                   |
| 60-80            | 03009008    | 12             | 29,6         | 0,85      | 11        | 16,7      | 20,0              | 7,5         | 50              | 50                    |
| 70-90            | 03009009    | 12             | 29,6         | 0,85      | 11        | 16,7      | 17,0              | 7,5         | 50              | 50                    |
| 80-100           | 03009010    | 12             | 29,6         | 0,85      | 11        | 16,7      | 14,0              | 7,5         | 25              | 200                   |
| 90-110           | 03009011    | 12             | 29,6         | 0,85      | 11        | 16,7      | 12,0              | 7,5         | 25              | 200                   |
| 100-120          | 03009012    | 12             | 29,6         | 0,85      | 11        | 16,7      | 10,0              | 7,5         | 25              | 200                   |
| 110-130          | 03009013    | 12             | 29,6         | 0,85      | 11        | 16,7      | 8,0               | 7,5         | 25              | 25                    |
| 120-140          | 03009014    | 12             | 29,6         | 0,85      | 11        | 16,7      | 7,0               | 7,5         | 25              | 25                    |
| 130-150          | 03009015    | 12             | 31,6         | 0,85      | 11        | 16,7      | 6,0               | 7,5         | 25              | 25                    |
| 140-160          | 03009016    | 12             | 31,6         | 0,85      | 11        | 16,7      | 5,0               | 7,5         | 25              | 25                    |
| 150-170          | 03009017    | 12             | 31,6         | 0,85      | 11        | 16,7      | 4,0               | 7,5         | 25              | 25                    |
| 160-180          | 03009018    | 12             | 31,6         | 0,85      | 11        | 16,7      | 3,0               | 7,5         | 25              | 25                    |
| 170-190          | 03009019    | 12             | 31,6         | 0,85      | 11        | 16,7      | 2,0               | 7,5         | 10              | 10                    |

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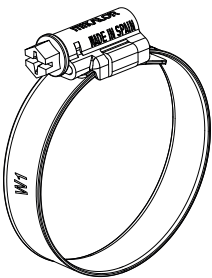
Specially recommended for industrial applications.

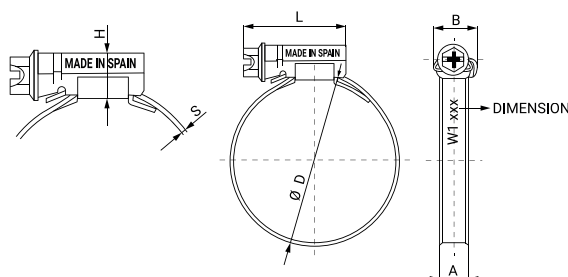
The ASFA S hose clip complies fully with the DIN 3017 norm and also with the directive EU 2002/95/EC.

**\* The maximum application pressure can vary depending on the type of hose used and the geometry of the coupling.**

| Ø Application | Part Number | A<br>+0.3 -0.2 | L<br>+1 -0.5 | S<br>±0.1 | H<br>Max. | B<br>Max. | Maximum values |          | Box Quantity | Outer Box Quantity |
|---------------|-------------|----------------|--------------|-----------|-----------|-----------|----------------|----------|--------------|--------------------|
|               |             |                |              |           |           |           | Pressure (Bar) | Par (Nm) |              |                    |
| 180-200       | 03009020    | 12             | 31,6         | 0,85      | 11        | 16,7      | 1,8            | 7,5      | 10           | 10                 |
| 190-210       | 03009021    | 12             | 31,6         | 0,85      | 11        | 16,7      | 1,8            | 7,5      | 10           | 10                 |
| 200-220       | 03009022    | 12             | 31,6         | 0,85      | 11        | 16,7      | 1,8            | 7,5      | 10           | 10                 |
| 210-230       | 03009023    | 12             | 31,6         | 0,85      | 11        | 16,7      | 1,6            | 7,5      | 10           | 10                 |
| 220-240       | 03009024    | 12             | 31,6         | 0,85      | 11        | 16,7      | 1,6            | 7,5      | 10           | 10                 |
| 230-250       | 03009025    | 12             | 31,6         | 0,85      | 11        | 16,7      | 1,6            | 7,5      | 10           | 10                 |
| 240-260       | 03009029    | 12             | 31,6         | 0,85      | 11        | 16,7      | 1,6            | 7,5      | 10           | 10                 |
| 250-270       | 03009030    | 12             | 31,6         | 0,85      | 11        | 16,7      | 1,6            | 7,5      | 10           | 10                 |
| 260-280       | 03009031    | 12             | 31,6         | 0,85      | 11        | 16,7      | 1,6            | 7,5      | 10           | 10                 |
| 270-290       | 03009032    | 12             | 31,6         | 0,85      | 11        | 16,7      | 1,6            | 7,5      | 10           | 10                 |
| 280-300       | 03009033    | 12             | 31,6         | 0,85      | 11        | 16,7      | 1,6            | 7,5      | 10           | 10                 |
| 290-310       | 03009034    | 12             | 31,6         | 0,85      | 11        | 16,7      | 1,6            | 7,5      | 10           | 10                 |

**\* It is recommended to apply 75% of the maximum values contained in the table.**

|  | TECHNICAL INFORMATION          |                                                                                   |
|-------------------------------------------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------|
|                                                                                     | MATERIAL                       | STEEL BAND AND HOUSING<br>W1 (DIN 1.0935)<br>STEEL SCREW Qst 36-3<br>(DIN 1.0214) |
|                                                                                     | FINISH                         | GALVANIZED                                                                        |
|                                                                                     | CORROSION RESISTANCE           | 144 HOURS SALT SPRAY<br>(ASTM B-117)                                              |
|                                                                                     | MAXIMUM TIGHTENING SPEED (RPM) | 540 ± 5                                                                           |





## ASFA S (12 mm) Hose Clamp W2

This clamp represents the latest stage in the evolution of the ASFA 12mm range. One of the main developments in this version is the lateral displacement of the band thread, which reduces the tendency of the band end to exit the housing off-centre when tightened. Thanks to the combination of the housing, the locking system and the location of the screw within the housing, this clamp offers superior performance at the same torque ratings.

Specially recommended for industrial applications.

The ASFA S hose clip complies fully with the DIN 3017 norm and also with the directive EU 2002/95/EC.

**\* The maximum application pressure can vary depending on the type of hose used and the geometry of the coupling.**

| Ø<br>Application | Part Number | A<br>+0.3 -0.2 | L<br>+1 -0.5 | S<br>±0.1 | H<br>Max. | B<br>Max. | Maximum values    |             | Box<br>Quantity | Outer Box<br>Quantity |
|------------------|-------------|----------------|--------------|-----------|-----------|-----------|-------------------|-------------|-----------------|-----------------------|
|                  |             |                |              |           |           |           | Pressure<br>(Bar) | Par<br>(Nm) |                 |                       |
| 16-27            | 3017017     | 12             | 29,6         | 0,85      | 11        | 16,7      | 45                | 5,0         | 50              | 400                   |
| 20-32            | 3017025     | 12             | 29,6         | 0,85      | 11        | 16,7      | 45                | 6,0         | 50              | 400                   |
| 25-40            | 3017033     | 12             | 29,6         | 0,85      | 11        | 16,7      | 40                | 6,0         | 50              | 400                   |
| 30-45            | 3017009     | 12             | 29,6         | 0,85      | 11        | 16,7      | 35                | 6,0         | 50              | 400                   |
| 32-50            | 3017041     | 12             | 29,6         | 0,85      | 11        | 16,7      | 35                | 6,5         | 50              | 200                   |
| 40-60            | 3017050     | 12             | 29,6         | 0,85      | 11        | 16,7      | 30                | 6,5         | 50              | 400                   |
| 50-70            | 3017068     | 12             | 29,6         | 0,85      | 11        | 16,7      | 25                | 7,5         | 50              | 400                   |
| 60-80            | 3017076     | 12             | 29,6         | 0,85      | 11        | 16,7      | 20                | 7,5         | 50              | 50                    |
| 70-90            | 3017084     | 12             | 29,6         | 0,85      | 11        | 16,7      | 17                | 7,5         | 50              | 50                    |
| 80-100           | 3017092     | 12             | 29,6         | 0,85      | 11        | 16,7      | 14                | 7,5         | 25              | 200                   |
| 90-110           | 3017105     | 12             | 29,6         | 0,85      | 11        | 16,7      | 12                | 7,5         | 25              | 200                   |
| 100-120          | 3017113     | 12             | 29,6         | 0,85      | 11        | 16,7      | 10                | 7,5         | 25              | 200                   |
| 110-130          | 3017121     | 12             | 29,6         | 0,85      | 11        | 16,7      | 8                 | 7,5         | 25              | 25                    |
| 120-140          | 3017130     | 12             | 29,6         | 0,85      | 11        | 16,7      | 7                 | 7,5         | 25              | 25                    |
| 130-150          | 3017148     | 12             | 31,6         | 0,85      | 11        | 16,7      | 6                 | 7,5         | 25              | 25                    |
| 140-160          | 3017156     | 12             | 31,6         | 0,85      | 11        | 16,7      | 5                 | 7,5         | 25              | 25                    |
| 150-170          | 3017164     | 12             | 31,6         | 0,85      | 11        | 16,7      | 4                 | 7,5         | 25              | 25                    |
| 160-180          | 3017172     | 12             | 31,6         | 0,85      | 11        | 16,7      | 3                 | 7,5         | 25              | 25                    |
| 170-190          | 3017180     | 12             | 31,6         | 0,85      | 11        | 16,7      | 2                 | 7,5         | 10              | 10                    |

W2



## ASFA S (12 mm) Hose Clamp W2

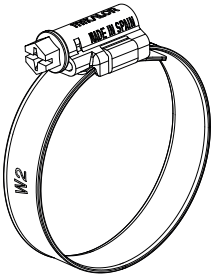
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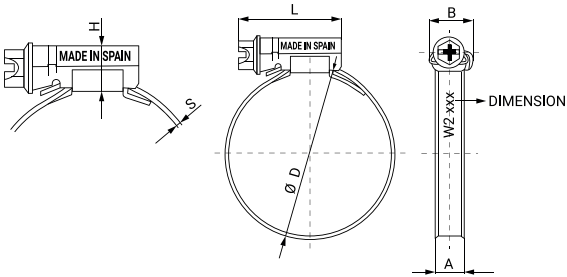
Specially recommended for industrial applications.  
The ASFA S hose clip complies fully with the DIN 3017 norm and also with the directive EU 2002/95/EC.

**\* The maximum application pressure can vary depending on the type of hose used and the geometry of the coupling.**

|               |             |             |           |        |        |        | Maximum values |          |              |                    |
|---------------|-------------|-------------|-----------|--------|--------|--------|----------------|----------|--------------|--------------------|
| Ø Application | Part Number | A +0.3 -0.2 | L +1 -0.5 | S ±0.1 | H Max. | B Max. | Pressure (Bar) | Par (Nm) | Box Quantity | Outer Box Quantity |
| 180-200       | 3017199     | 12          | 31,6      | 0,85   | 11     | 16,7   | 2              | 7,5      | 10           | 10                 |
| 190-210       | 3017201     | 12          | 31,6      | 0,85   | 11     | 16,7   | 1,8            | 7,5      | 10           | 10                 |
| 200-220       | 3017210     | 12          | 31,6      | 0,85   | 11     | 16,7   | 1,8            | 7,5      | 10           | 10                 |
| 210-230       | 3017228     | 12          | 31,6      | 0,85   | 11     | 16,7   | 1,6            | 7,5      | 10           | 10                 |
| 220-240       | 3017236     | 12          | 31,6      | 0,85   | 11     | 16,7   | 1,6            | 7,5      | 10           | 10                 |
| 230-250       | 3017245     | 12          | 31,6      | 0,85   | 11     | 16,7   | 1,6            | 7,5      | 10           | 10                 |
| 240-260       | 3017253     | 12          | 31,6      | 0,85   | 11     | 16,7   | 1,6            | 7,5      | 10           | 10                 |
| 250-270       | 3017261     | 12          | 31,6      | 0,85   | 11     | 16,7   | 1,6            | 7,5      | 10           | 10                 |
| 260-280       | 3017278     | 12          | 31,6      | 0,85   | 11     | 16,7   | 1,6            | 7,5      | 10           | 10                 |
| 270-290       | 3017288     | 12          | 31,6      | 0,85   | 11     | 16,7   | 1,6            | 7,5      | 10           | 10                 |
| 280-300       | 3017296     | 12          | 31,6      | 0,85   | 11     | 16,7   | 1,6            | 7,5      | 10           | 10                 |
| 290-310       | 3017309     | 12          | 31,6      | 0,85   | 11     | 16,7   | 1,6            | 7,5      | 10           | 10                 |

**\* It is recommended to apply 75% of the maximum values contained in the table.**

|  | TECHNICAL INFORMATION          |                                                                                                       |
|-------------------------------------------------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------------------------|
|                                                                                     | MATERIAL                       | STAINLESS STEEL BAND AND HOUSING W2 AISI 430 X6Cr17 (DIN 1.4016)<br>STEEL SCREW Qst 36-3 (DIN 1.0214) |
|                                                                                     | FINISH                         | STAINLESS STEEL                                                                                       |
|                                                                                     | CORROSION RESISTANCE           | 72 HOURS SALT SPRAY (ASTM B-117)                                                                      |
|                                                                                     | MAXIMUM TIGHTENING SPEED (RPM) | 540 ± 5                                                                                               |





## ASFA S (12 mm) Hose Clamp W3

This clamp represents the latest stage in the evolution of the ASFA 12mm range. One of the main developments in this version is the lateral displacement of the band thread, which reduces the tendency of the band end to exit the housing off-centre when tightened. Thanks to the combination of the housing, the locking system and the location of the screw within the housing, this clamp offers superior performance at the same torque ratings.

Specially recommended for industrial applications.

The ASFA S hose clip complies fully with the DIN 3017 norm and also with the directive EU 2002/95/EC.

**\* The maximum application pressure can vary depending on the type of hose used and the geometry of the coupling.**

| Ø<br>Application | Part Number | A<br>+0.3 -0.2 | L<br>+1 -0.5 | S<br>±0.1 | H<br>Max. | B<br>Max. | Maximum values    |             | Box<br>Quantity | Outer Box<br>Quantity |
|------------------|-------------|----------------|--------------|-----------|-----------|-----------|-------------------|-------------|-----------------|-----------------------|
|                  |             |                |              |           |           |           | Pressure<br>(Bar) | Par<br>(Nm) |                 |                       |
| 16-27            | 03016209    | 12             | 29,6         | 0,8       | 11        | 16,7      | 45                | 5,0         | 50              | 400                   |
| 20-32            | 03016217    | 12             | 29,6         | 0,8       | 11        | 16,7      | 45                | 6,0         | 50              | 400                   |
| 25-40            | 03016225    | 12             | 29,6         | 0,8       | 11        | 16,7      | 40                | 6,0         | 50              | 400                   |
| 30-45            | 03016233    | 12             | 29,6         | 0,8       | 11        | 16,7      | 35                | 6,0         | 50              | 400                   |
| 32-50            | 03016241    | 12             | 29,6         | 0,8       | 11        | 16,7      | 35                | 6,5         | 50              | 200                   |
| 40-60            | 03016250    | 12             | 29,6         | 0,8       | 11        | 16,7      | 30                | 6,5         | 50              | 400                   |
| 50-70            | 03016268    | 12             | 29,6         | 0,8       | 11        | 16,7      | 25                | 7,5         | 50              | 400                   |
| 60-80            | 03016276    | 12             | 29,6         | 0,8       | 11        | 16,7      | 20                | 7,5         | 50              | 50                    |
| 70-90            | 03016284    | 12             | 29,6         | 0,8       | 11        | 16,7      | 17                | 7,5         | 50              | 50                    |
| 80-100           | 03016292    | 12             | 29,6         | 0,8       | 11        | 16,7      | 14                | 7,5         | 25              | 200                   |
| 90-110           | 03016305    | 12             | 29,6         | 0,8       | 11        | 16,7      | 12                | 7,5         | 25              | 200                   |
| 100-120          | 03016313    | 12             | 29,6         | 0,8       | 11        | 16,7      | 10                | 7,5         | 25              | 200                   |
| 110-130          | 03016321    | 12             | 29,6         | 0,8       | 11        | 16,7      | 8                 | 7,5         | 25              | 25                    |
| 120-140          | 03016330    | 12             | 29,6         | 0,8       | 11        | 16,7      | 7                 | 7,5         | 25              | 25                    |
| 130-150          | 03016348    | 12             | 31,6         | 0,8       | 11        | 16,7      | 6                 | 7,5         | 25              | 25                    |
| 140-160          | 03016356    | 12             | 31,6         | 0,8       | 11        | 16,7      | 6                 | 7,5         | 25              | 25                    |
| 150-170          | 03016364    | 12             | 31,6         | 0,8       | 11        | 16,7      | 6                 | 7,5         | 25              | 25                    |
| 160-180          | 03016372    | 12             | 31,6         | 0,8       | 11        | 16,7      | 3                 | 7,5         | 25              | 25                    |
| 170-190          | 03016380    | 12             | 31,6         | 0,8       | 11        | 16,7      | 2                 | 7,5         | 10              | 10                    |

## ASFA S (12 mm) Hose Clamp W3



W3

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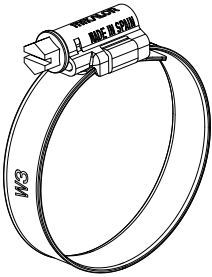
Specially recommended for industrial applications.

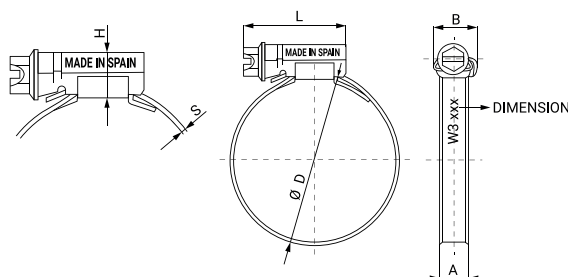
The ASFA S hose clip complies fully with the DIN 3017 norm and also with the directive EU 2002/95/EC.

**\* The maximum application pressure can vary depending on the type of hose used and the geometry of the coupling.**

| Ø Application | Part Number | A<br>+0.3 -0.2 | L<br>+1 -0.5 | S<br>±0.1 | H<br>Max. | B<br>Max. | Maximum values |          | Box Quantity | Outer Box Quantity |
|---------------|-------------|----------------|--------------|-----------|-----------|-----------|----------------|----------|--------------|--------------------|
|               |             |                |              |           |           |           | Pressure (Bar) | Par (Nm) |              |                    |
| 180-200       | 03016399    | 12             | 31,6         | 0,8       | 11        | 16,7      | 1,8            | 7,5      | 10           | 10                 |
| 190-210       | 03016428    | 12             | 31,6         | 0,8       | 11        | 16,7      | 1,8            | 7,5      | 10           | 10                 |
| 200-220       | 03016436    | 12             | 31,6         | 0,8       | 11        | 16,7      | 1,8            | 7,5      | 10           | 10                 |
| 210-230       | 03016444    | 12             | 31,6         | 0,8       | 11        | 16,7      | 1,6            | 7,5      | 10           | 10                 |
| 220-240       | 03016452    | 12             | 31,6         | 0,8       | 11        | 16,7      | 1,6            | 7,5      | 10           | 10                 |
| 230-250       | 03016712    | 12             | 31,6         | 0,8       | 11        | 16,7      | 1,6            | 7,5      | 10           | 10                 |
| 240-260       | 03016723    | 12             | 31,6         | 0,8       | 11        | 16,7      | 1,6            | 7,5      | 10           | 10                 |
| 250-270       | 03016734    | 12             | 31,6         | 0,8       | 11        | 16,7      | 1,6            | 7,5      | 10           | 10                 |
| 260-280       | 03016745    | 12             | 31,6         | 0,8       | 11        | 16,7      | 1,6            | 7,5      | 10           | 10                 |
| 270-290       | 03016756    | 12             | 31,6         | 0,8       | 11        | 16,7      | 1,6            | 7,5      | 10           | 10                 |
| 280-300       | 03016767    | 12             | 31,6         | 0,8       | 11        | 16,7      | 1,6            | 7,5      | 10           | 10                 |
| 290-310       | 03016768    | 12             | 31,6         | 0,8       | 11        | 16,7      | 1,6            | 7,5      | 10           | 10                 |

**\* It is recommended to apply 75% of the maximum values contained in the table.**

|  | TECHNICAL INFORMATION          |                                                                                                          |
|-------------------------------------------------------------------------------------|--------------------------------|----------------------------------------------------------------------------------------------------------|
|                                                                                     | MATERIAL                       | STAINLESS STEEL BAND AND HOUSING W3 AISI 430 X6Cr17 (DIN 1.4016)<br>STAINLESS STEEL W4 AISI 304 Cu SCREW |
|                                                                                     | FINISH                         | STAINLESS STEEL                                                                                          |
|                                                                                     | CORROSION RESISTANCE           | 200 HOURS SALT SPRAY (ASTM B-117)                                                                        |
|                                                                                     | MAXIMUM TIGHTENING SPEED (RPM) | 540 ± 5                                                                                                  |





## ASFA S (12 mm) Hose Clamp W4

This clamp represents the latest stage in the evolution of the ASFA 12mm range. One of the main developments in this version is the lateral displacement of the band thread, which reduces the tendency of the band end to exit the housing off-centre when tightened. Thanks to the combination of the housing, the locking system and the location of the screw within the housing, this clamp offers superior performance at the same torque ratings.

Specially recommended for industrial applications.

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**\* The maximum application pressure can vary depending on the type of hose used and the geometry of the coupling.**

| Ø<br>Application | Part Number | A<br>+0.3 -0.2 | L<br>+1 -0.5 | S<br>±0.1 | H<br>Max. | B<br>Max. | Maximum values    |             | Box<br>Quantity | Outer Box<br>Quantity |
|------------------|-------------|----------------|--------------|-----------|-----------|-----------|-------------------|-------------|-----------------|-----------------------|
|                  |             |                |              |           |           |           | Pressure<br>(Bar) | Par<br>(Nm) |                 |                       |
| 16-27            | 03014730    | 12             | 29,6         | 0,8       | 11        | 16,7      | 45,0              | 5           | 50              | 400                   |
| 20-32            | 03014510    | 12             | 29,6         | 0,8       | 11        | 16,7      | 45,0              | 6           | 50              | 400                   |
| 25-40            | 03014529    | 12             | 29,6         | 0,8       | 11        | 16,7      | 40,0              | 6           | 50              | 400                   |
| 30-45            | 03014748    | 12             | 29,6         | 0,8       | 11        | 16,7      | 35,0              | 6           | 50              | 400                   |
| 32-50            | 03014537    | 12             | 29,6         | 0,8       | 11        | 16,7      | 35,0              | 6,5         | 50              | 200                   |
| 40-60            | 03014545    | 12             | 29,6         | 0,8       | 11        | 16,7      | 30,0              | 6,5         | 50              | 400                   |
| 50-70            | 03014553    | 12             | 29,6         | 0,8       | 11        | 16,7      | 25,0              | 7,5         | 50              | 400                   |
| 60-80            | 03014561    | 12             | 29,6         | 0,8       | 11        | 16,7      | 20,0              | 7,5         | 50              | 50                    |
| 70-90            | 03014570    | 12             | 29,6         | 0,8       | 11        | 16,7      | 17,0              | 7,5         | 50              | 50                    |
| 80-100           | 03014588    | 12             | 29,6         | 0,8       | 11        | 16,7      | 14,0              | 7,5         | 25              | 200                   |
| 90-110           | 03014596    | 12             | 29,6         | 0,8       | 11        | 16,7      | 12,0              | 7,5         | 25              | 200                   |
| 100-120          | 03014609    | 12             | 29,6         | 0,8       | 11        | 16,7      | 10,0              | 7,5         | 25              | 200                   |
| 110-130          | 03014617    | 12             | 29,6         | 0,8       | 11        | 16,7      | 8,0               | 7,5         | 25              | 25                    |
| 120-140          | 03014625    | 12             | 29,6         | 0,8       | 11        | 16,7      | 7,0               | 7,5         | 25              | 25                    |
| 130-150          | 03014633    | 12             | 31,6         | 0,8       | 11        | 16,7      | 6,0               | 7,5         | 25              | 25                    |
| 140-160          | 03014641    | 12             | 31,6         | 0,8       | 11        | 16,7      | 5,0               | 7,5         | 25              | 25                    |
| 150-170          | 03014650    | 12             | 31,6         | 0,8       | 11        | 16,7      | 4,0               | 7,5         | 25              | 25                    |
| 160-180          | 03014668    | 12             | 31,6         | 0,8       | 11        | 16,7      | 3,0               | 7,5         | 25              | 25                    |
| 170-190          | 03014676    | 12             | 31,6         | 0,8       | 11        | 16,7      | 2,0               | 7,5         | 10              | 10                    |

## ASFA S (12 mm) Hose Clamp W4



W4

This clamp represents the latest stage in the evolution of the ASFA 12mm range. One of the main developments in this version is the lateral displacement of the band thread, which reduces the tendency of the band end to exit the housing off-centre when tightened. Thanks to the combination of the housing, the locking system and the location of the screw within the housing, this clamp offers superior performance at the same torque ratings.

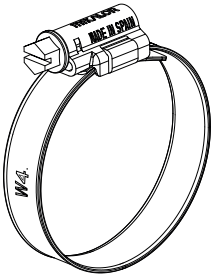
Specially recommended for industrial applications.

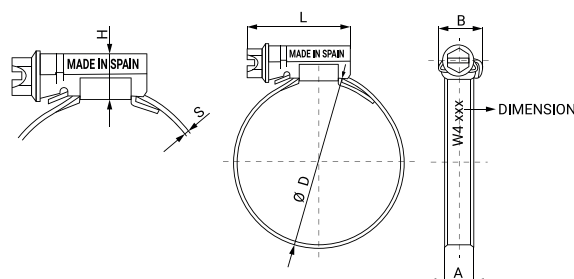
The ASFA S hose clip complies fully with the DIN 3017 norm and also with the directive EU 2002/95/EC.

**\* The maximum application pressure can vary depending on the type of hose used and the geometry of the coupling.**

| Ø Application | Part Number | A<br>+0.3 -0.2 | L<br>+1 -0.5 | S<br>±0.1 | H<br>Max. | B<br>Max. | Maximum values    |             | Box<br>Quantity | Outer Box<br>Quantity |
|---------------|-------------|----------------|--------------|-----------|-----------|-----------|-------------------|-------------|-----------------|-----------------------|
|               |             |                |              |           |           |           | Pressure<br>(Bar) | Par<br>(Nm) |                 |                       |
| 180-200       | 03014684    | 12             | 31,6         | 0,8       | 11        | 16,7      | 2,0               | 7,5         | 10              | 10                    |
| 190-210       | 03014692    | 12             | 31,6         | 0,8       | 11        | 16,7      | 1,8               | 7,5         | 10              | 10                    |
| 200-220       | 03014705    | 12             | 31,6         | 0,8       | 11        | 16,7      | 1,8               | 7,5         | 10              | 10                    |
| 210-230       | 03014713    | 12             | 31,6         | 0,8       | 11        | 16,7      | 1,6               | 7,5         | 10              | 10                    |
| 220-240       | 03014721    | 12             | 31,6         | 0,8       | 11        | 16,7      | 1,6               | 7,5         | 10              | 10                    |
| 230-250       | 03014783    | 12             | 31,6         | 0,8       | 11        | 16,7      | 1,6               | 7,5         | 10              | 10                    |
| 240-260       | 03014751    | 12             | 31,6         | 0,8       | 11        | 16,7      | 1,6               | 7,5         | 10              | 10                    |
| 250-270       | 03014772    | 12             | 31,6         | 0,8       | 11        | 16,7      | 1,6               | 7,5         | 10              | 10                    |
| 260-280       | 03014794    | 12             | 31,6         | 0,8       | 11        | 16,7      | 1,6               | 7,5         | 10              | 10                    |
| 270-290       | 03014923    | 12             | 31,6         | 0,8       | 11        | 16,7      | 1,6               | 7,5         | 10              | 10                    |
| 280-300       | 03014935    | 12             | 31,6         | 0,8       | 11        | 16,7      | 1,6               | 7,5         | 10              | 10                    |
| 290-310       | 03014947    | 12             | 31,6         | 0,8       | 11        | 16,7      | 1,6               | 7,5         | 10              | 10                    |

**\* It is recommended to apply 75% of the maximum values contained in the table.**

|  | TECHNICAL INFORMATION          |                                                                                                                 |
|-------------------------------------------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------------|
|                                                                                     | MATERIAL                       | STAINLESS STEEL BAND AND HOUSING W4 AISI 304 X6Cr Ni 18/10 (DIN 1.4301)<br>STAINLESS STEEL W4 AISI 304 Cu SCREW |
|                                                                                     | FINISH                         | STAINLESS STEEL                                                                                                 |
|                                                                                     | CORROSION RESISTANCE           | 400 HOURS SALT SPRAY (ASTM B-117)                                                                               |
|                                                                                     | MAXIMUM TIGHTENING SPEED (RPM) | 540 ± 5                                                                                                         |





## ASFA S (12 mm) Hose Clamp W5

This clamp represents the latest stage in the evolution of the ASFA 12mm range. One of the main developments in this version is the lateral displacement of the band thread, which reduces the tendency of the band end to exit the housing off-centre when tightened. Thanks to the combination of the housing, the locking system and the location of the screw within the housing, this clamp offers superior performance at the same torque ratings.

Specially recommended for industrial applications.

The ASFA S hose clip complies fully with the DIN 3017 norm and also with the directive EU 2002/95/EC.

**\* The maximum application pressure can vary depending on the type of hose used and the geometry of the coupling.**

| Ø<br>Application | Part Number | A<br>+0.3 -0.2 | L<br>+1 -0.5 | S<br>±0.1 | H<br>Max. | B<br>Max. | Maximum values    |             | Box<br>Quantity | Outer Box<br>Quantity |
|------------------|-------------|----------------|--------------|-----------|-----------|-----------|-------------------|-------------|-----------------|-----------------------|
|                  |             |                |              |           |           |           | Pressure<br>(Bar) | Par<br>(Nm) |                 |                       |
| 16-27            | 03017720    | 12             | 29,6         | 0,8       | 11        | 16,7      | 45,0              | 5           | 50              | 400                   |
| 20-32            | 03017500    | 12             | 29,6         | 0,8       | 11        | 16,7      | 45,0              | 6           | 50              | 400                   |
| 25-40            | 03017519    | 12             | 29,6         | 0,8       | 11        | 16,7      | 40,0              | 6           | 50              | 400                   |
| 30-45            | 03017738    | 12             | 29,6         | 0,8       | 11        | 16,7      | 35,0              | 6           | 50              | 400                   |
| 32-50            | 03017527    | 12             | 29,6         | 0,8       | 11        | 16,7      | 35,0              | 6,5         | 50              | 200                   |
| 40-60            | 03017535    | 12             | 29,6         | 0,8       | 11        | 16,7      | 30,0              | 6,5         | 50              | 400                   |
| 50-70            | 03017543    | 12             | 29,6         | 0,8       | 11        | 16,7      | 25,0              | 7,5         | 50              | 400                   |
| 60-80            | 03017551    | 12             | 29,6         | 0,8       | 11        | 16,7      | 20,0              | 7,5         | 50              | 50                    |
| 70-90            | 03017560    | 12             | 29,6         | 0,8       | 11        | 16,7      | 17,0              | 7,5         | 50              | 50                    |
| 80-100           | 03017578    | 12             | 29,6         | 0,8       | 11        | 16,7      | 14,0              | 7,5         | 25              | 200                   |
| 90-110           | 03017586    | 12             | 29,6         | 0,8       | 11        | 16,7      | 12,0              | 7,5         | 25              | 200                   |
| 100-120          | 03017594    | 12             | 29,6         | 0,8       | 11        | 16,7      | 10,0              | 7,5         | 25              | 200                   |
| 110-130          | 03017607    | 12             | 29,6         | 0,8       | 11        | 16,7      | 8,0               | 7,5         | 25              | 25                    |
| 120-140          | 03017615    | 12             | 29,6         | 0,8       | 11        | 16,7      | 7,0               | 7,5         | 25              | 25                    |
| 130-150          | 03017623    | 12             | 29,6         | 0,8       | 11        | 16,7      | 7,0               | 7,5         | 25              | 25                    |
| 140-160          | 03017631    | 12             | 31,6         | 0,8       | 11        | 16,7      | 7,0               | 7,5         | 25              | 25                    |
| 150-170          | 03017640    | 12             | 31,6         | 0,8       | 11        | 16,7      | 7,0               | 7,5         | 25              | 25                    |
| 160-180          | 03017658    | 12             | 31,6         | 0,8       | 11        | 16,7      | 7,0               | 7,5         | 25              | 25                    |
| 170-190          | 03017666    | 12             | 31,6         | 0,8       | 11        | 16,7      | 2,0               | 7,5         | 10              | 10                    |

## ASFA S (12 mm) Hose Clamp W5



This clamp represents the latest stage in the evolution of the ASFA 12mm range. One of the main developments in this version is the lateral displacement of the band thread, which reduces the tendency of the band end to exit the housing off-centre when tightened. Thanks to the combination of the housing, the locking system and the location of the screw within the housing, this clamp offers superior performance at the same torque ratings.

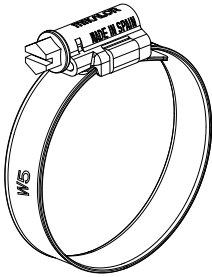
Specially recommended for industrial applications.

The ASFA S hose clip complies fully with the DIN 3017 norm and also with the directive EU 2002/95/EC.

**\* The maximum application pressure can vary depending on the type of hose used and the geometry of the coupling.**

| Ø Application | Part Number | A<br>+0.3 -0.2 | L<br>+1 -0.5 | S<br>±0.1 | H<br>Max. | B<br>Max. | Maximum values |          | Box Quantity | Outer Box Quantity |
|---------------|-------------|----------------|--------------|-----------|-----------|-----------|----------------|----------|--------------|--------------------|
|               |             |                |              |           |           |           | Pressure (Bar) | Par (Nm) |              |                    |
| 180-200       | 03017674    | 12             | 31,6         | 0,8       | 11        | 16,7      | 2,0            | 7,5      | 10           | 10                 |
| 190-210       | 03017682    | 12             | 31,6         | 0,8       | 11        | 16,7      | 1,8            | 7,5      | 10           | 10                 |
| 200-220       | 03017690    | 12             | 31,6         | 0,8       | 11        | 16,7      | 1,8            | 7,5      | 10           | 10                 |
| 210-230       | 03017703    | 12             | 31,6         | 0,8       | 11        | 16,7      | 1,6            | 7,5      | 10           | 10                 |
| 220-240       | 03017711    | 12             | 31,6         | 0,8       | 11        | 16,7      | 1,6            | 7,5      | 10           | 10                 |
| 230-250       | 03017746    | 12             | 31,6         | 0,8       | 11        | 16,7      | 1,6            | 7,5      | 10           | 10                 |
| 240-260       | 03017765    | 12             | 31,6         | 0,8       | 11        | 16,7      | 1,6            | 7,5      | 10           | 10                 |
| 250-270       | 03017754    | 12             | 31,6         | 0,8       | 11        | 16,7      | 1,6            | 7,5      | 10           | 10                 |
| 260-280       | 03017776    | 12             | 31,6         | 0,8       | 11        | 16,7      | 1,6            | 7,5      | 10           | 10                 |
| 270-290       | 03017787    | 12             | 31,6         | 0,8       | 11        | 16,7      | 1,6            | 7,5      | 10           | 10                 |
| 280-300       | 03017798    | 12             | 31,6         | 0,8       | 11        | 16,7      | 1,6            | 7,5      | 10           | 10                 |
| 290-310       | 03017799    | 12             | 31,6         | 0,8       | 11        | 16,7      | 1,6            | 7,5      | 10           | 10                 |

**\* It is recommended to apply 75% of the maximum values contained in the table.**

|  | TECHNICAL INFORMATION          |                                                                                                              |
|-------------------------------------------------------------------------------------|--------------------------------|--------------------------------------------------------------------------------------------------------------|
|                                                                                     | MATERIAL                       | STAINLESS STEEL BAND AND HOUSING W5 AISI 316 X5Cr Ni Mo (DIN 1.4401)<br>STAINLESS STEEL W5 AISI 316 Cu SCREW |
|                                                                                     | FINISH                         | STAINLESS STEEL                                                                                              |
|                                                                                     | CORROSION RESISTANCE           | 1.000 HOURS SALT SPRAY (ASTM B-117)                                                                          |
|                                                                                     | MAXIMUM TIGHTENING SPEED (RPM) | 540 ± 5                                                                                                      |

