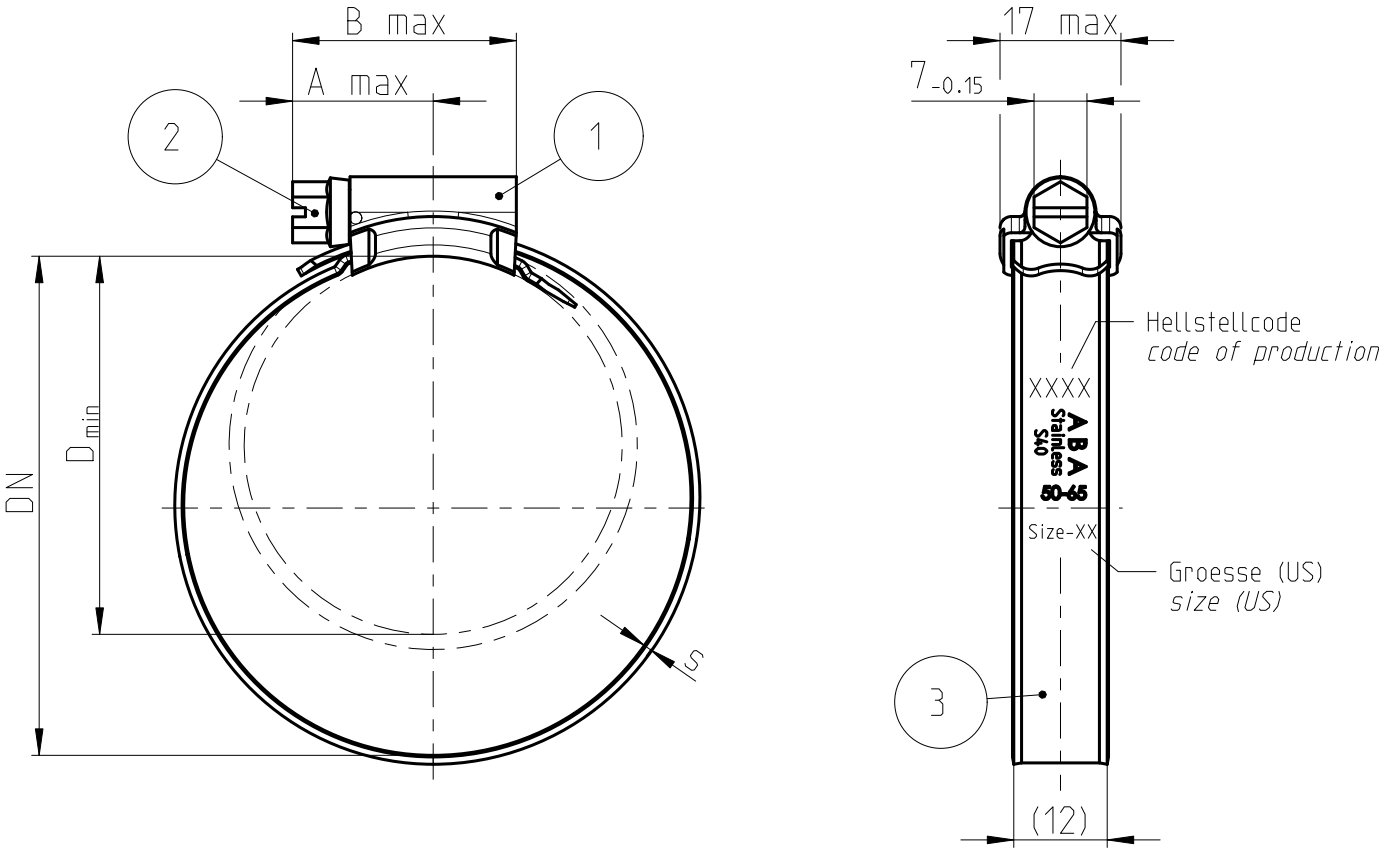


QUOTATION DRAWING

| Teil-Nr.<br>ITEM-NO. | Stueck<br>QTY. | Benennung<br>PART - NAME                            | Index<br>Teil/PART | Werkstoff<br>MATERIAL     | Oberflaeche<br>SURFACE  |
|----------------------|----------------|-----------------------------------------------------|--------------------|---------------------------|-------------------------|
| 1                    | 1              | ABA ORIGINAL Gehaeuse 12<br>ABA ORIGINAL housing 12 | -                  | 1.4301/AISI304/<br>SS2333 | siehe Text<br>see notes |
| 2                    | 1              | ABA ORIGINAL Schraube 12<br>ABA ORIGINAL screw 12   | -                  | 1.4567                    |                         |
| 3                    | 1              | ABA ORIGINAL Band 12<br>ABA ORIGINAL band 12        | -                  | 1.4301/AISI304/<br>SS2333 |                         |



| Pos. | A max | B max | s   | D-D     | Anliefer- $\varnothing$ +2/-1<br>SHIPPING- $\varnothing$ +2/-1 | Benennung<br>PART-NAME            | Teilenummer<br>PART-NUMBER |
|------|-------|-------|-----|---------|----------------------------------------------------------------|-----------------------------------|----------------------------|
| 1    | 16    | 23    | 0.8 | 15-24   | 25                                                             | ABA ORIGINAL 15-24/12 C7 S40SMS   | 0813 0003 020              |
| 2    | 17    | 25    | 0.8 | 19-28   | 29                                                             | ABA ORIGINAL 19-28/12 C7 S40SMS   | 0813 0003 024              |
| 3    | 18    | 27    | 0.8 | 22-32   | 33                                                             | ABA ORIGINAL 22-32/12 C7 S40SMS   | 0813 0003 027              |
| 4    | 18    | 27    | 0.8 | 26-38   | 39                                                             | ABA ORIGINAL 26-38/12 C7 S40SMS   | 0813 0003 032              |
| 5    | 20.0  | 31.0  | 0.8 | 32-44   | 45                                                             | ABA ORIGINAL 32-44/12 C7 S40SMS   | 0813 0003 038              |
| 6    | 20.0  | 31.0  | 0.8 | 38-50   | 51                                                             | ABA ORIGINAL 38-50/12 C7 S40SMS   | 0813 0003 044              |
| 7    | 20.0  | 31.0  | 0.8 | 44-56   | 57                                                             | ABA ORIGINAL 44-56/12 C7 S40SMS   | 0813 0003 050              |
| 8    | 21.0  | 34.0  | 0.8 | 50-65   | 66                                                             | ABA ORIGINAL 50-65/12 C7 S40SMS   | 0813 0003 058              |
| 9    | 21.0  | 34.0  | 0.8 | 58-75   | 76                                                             | ABA ORIGINAL 58-75/12 C7 S40SMS   | 0813 0003 067              |
| 10   | 21.0  | 34.0  | 0.8 | 68-85   | 86                                                             | ABA ORIGINAL 68-85/12 C7 S40SMS   | 0813 0003 077              |
| 11   | 21.0  | 34.0  | 0.8 | 77-95   | 96                                                             | ABA ORIGINAL 77-95/12 C7 S40SMS   | 0813 0003 086              |
| 12   | 21.0  | 34.0  | 0.8 | 87-112  | 113                                                            | ABA ORIGINAL 87-112/12 C7 S40SMS  | 0813 0003 100              |
| 13   | 21.0  | 34.0  | 0.8 | 104-138 | 139                                                            | ABA ORIGINAL 104-138/12 C7 S40SMS | 0813 0003 121              |
| 14   | 21.0  | 34.0  | 0.8 | 130-165 | 166                                                            | ABA ORIGINAL 130-165/12 C7 S40SMS | 0813 0003 148              |
| 15   | 21.0  | 34.0  | 0.8 | 150-180 | 181                                                            | ABA ORIGINAL 150-180/12 C7 S40SMS | 0813 0003 165              |
| 16   | 21.0  | 34.0  | 0.8 | 175-205 | 206                                                            | ABA ORIGINAL 175-205/12 C7 S40SMS | 0813 0003 190              |
| 17   | 21.0  | 34.0  | 0.8 | 200-231 | 232                                                            | ABA ORIGINAL 200-231/12 C7 S40SMS | 0813 0003 216              |
| 18   | 21.0  | 34.0  | 0.8 | 226-256 | 257                                                            | ABA ORIGINAL 226-256/12 C7 S40SMS | 0813 0003 241              |
| 19   | 21.0  | 34.0  | 0.8 | 251-282 | 283                                                            | ABA ORIGINAL 251-282/12 C7 S40SMS | 0813 0003 267              |
| 20   | 21.0  | 34.0  | 0.8 | 277-307 | 308                                                            | ABA ORIGINAL 277-307/12 C7 S40SMS | 0813 0003 292              |

Surface: part 2 (screw) 15-24--87-112 Zink plated  
104-138--277-307

break torque from 15-24 to 26-38 = min. 6 Nm  
from 32-44 to 50-65 = min. 7 Nm  
from 58-75 to 277-307 = min. 8 Nm

idle torque max. 1 Nm

recommended tightening torque up to 26-38 = 4 +1 Nm  
from 32-44 = 5 +1 Nm

Empfohlene Einschraubgeschwindigkeit max. 350 1/min  
recommended tightening speed max. 350 1/min

|                      |                |
|----------------------|----------------|
| GENERAL TOLERANCE:   | DIN 6930-2-m   |
| FORM AND POS. TOL.:  | DIN ISO 2768-K |
| DEVIATION FOR ANGLE: | -              |

ZNE: 01-109208

|                      |                                                      |                    |                  |                                                                          |               |         |              |
|----------------------|------------------------------------------------------|--------------------|------------------|--------------------------------------------------------------------------|---------------|---------|--------------|
| -                    | -                                                    | -                  | -                | -                                                                        | -             | -       | -            |
| -                    | -                                                    | -                  | -                | -                                                                        | -             | -       | -            |
| -                    | -                                                    | -                  | -                | -                                                                        | -             | -       | -            |
| -                    | A                                                    | 1                  | Note updated     | 01-614419                                                                | 2018-06-28    | Panchal | Blomqvist    |
| INDEX<br>PART        | DWG                                                  | QTY                | REVISION SUMMARY | CHANGE-NO                                                                | DATE          | DRAWN   | CHECKED      |
| 1st ANGLE PROJECTION | ACCORDING TO: -                                      |                    |                  | PART NAME:                                                               |               |         |              |
|                      | SCALE:                                               | DATE: YYYY-MM-DD   | NAME             | ABA ORIGINAL<br>TYPE S40/ A/F 7 SMS Stainless<br>ABA Drawing No 30048-00 |               |         |              |
|                      | 1:1                                                  | DRAWN 2012-12-03   | Guru             |                                                                          |               |         |              |
|                      | MM                                                   | CHECKED 2012-12-03 | Hagmo            |                                                                          |               |         |              |
| PROJECT-NO.:         | NORMA Germany GmbH<br>Postfach 1149<br>63461 Maintal |                    |                  | CUSTOMER:                                                                | CUSTOMER-NO:  |         |              |
| 9990001427           |                                                      |                    |                  | -                                                                        | -             |         |              |
| CAD-SYSTEM:          | (C) COPYRIGHT NORMA GROUP<br>DIN ISO 16016           |                    |                  | NORMA-NO.:                                                               | INDEX<br>PART | TYPE    | FORMAT       |
| Creo 3.0 M140        |                                                      |                    |                  | 0813 0003 000                                                            | DWG<br>-      | Q       | A3           |
| DRAWING-NAME.:       | 08130003000_Q                                        |                    |                  |                                                                          |               |         | SHEET<br>1/1 |