

| PASSMASS | ABMASS |
|----------|--------|
|          |        |
|          |        |
|          |        |
|          |        |
|          |        |
|          |        |

|              |   |
|--------------|---|
| PROJECT NO.: | - |
|--------------|---|

|         |     |
|---------|-----|
| USED ON | HTS |
|---------|-----|

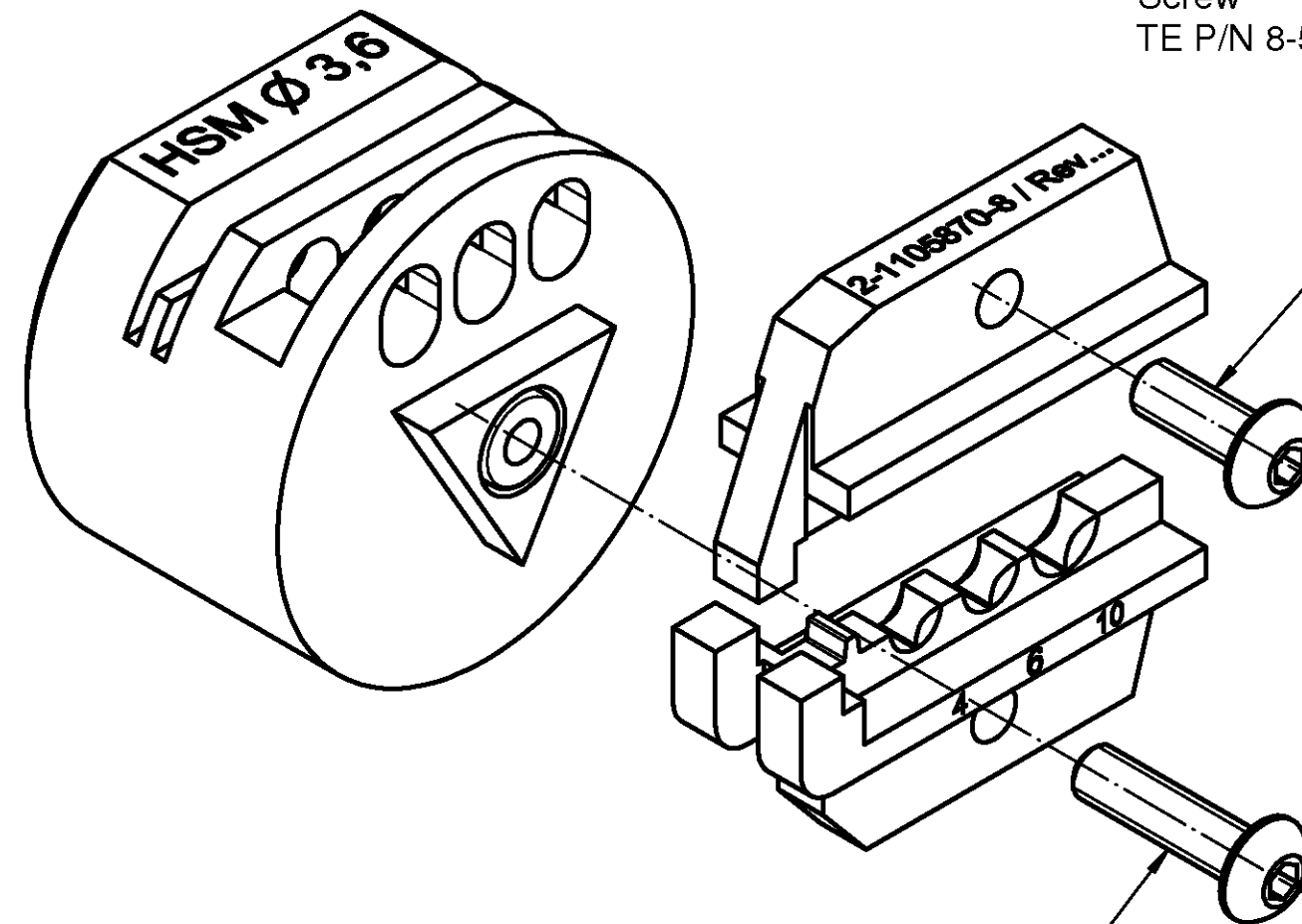
HTS - DIE SET FOR HSK, HSM AND HSS CONTACTS 4 - 10 mm<sup>2</sup>

Matrize mit Handzange TE P/N 1-1105850-8 verwenden  
Use die set with hand tool TE P/N 1-1105850-8

Matrize im Karton mit Bedienungsanleitung 411-18504 verpackt  
Die set packed in a cardboard with instruction sheet 411-18504

Matrize zur Verarbeitung von HSK, HSM und HSS Kontakten wie unten gezeigt  
 Die set for processing of HSK, HSM and HSS Contacts as shown below

| Querschnittgröße<br>Wire Size<br>mm <sup>2</sup> | Kontakttyp und TE P/N<br>Contact type and TE P/N |                            |                                                          |
|--------------------------------------------------|--------------------------------------------------|----------------------------|----------------------------------------------------------|
|                                                  | HSK                                              | HSM                        | HSS                                                      |
| 4                                                | 3-1108756-1<br>3-1108757-1                       | 4-1105250-1<br>4-1105251-1 | 2-1105150-1<br>2-1105151-1                               |
| 6                                                | 4-1108756-1<br>4-1108757-1                       | 5-1105250-1<br>5-1105251-1 | 3-1105150-1<br>3-1105151-1<br>3-1105150-2<br>3-1105151-2 |
| 10                                               | 5-1108756-1<br>5-1108757-1                       | 6-1105250-1<br>6-1105251-1 | 4-1105150-1<br>4-1105151-1                               |



Schraube M4x11  
TE P/N 8-539634-5  
Screw M4x11  
TE P/N 8-539634-5

Schraube M4x16  
TE P/N 1-519151-1  
Screw M4x16  
TE P/N 1-519151-1

| FREIMASSTOLERANZEN NACH DIN 7168 (WERTE IN mm)             |                     |        |      |      |      |      |      |      |
|------------------------------------------------------------|---------------------|--------|------|------|------|------|------|------|
| 1) ABWEICHEND VON DIN 7168 2) LÄNGE DES KÜRZEREN SCHENKELS |                     |        |      |      |      |      |      |      |
| NENNMASS                                                   |                     | ÜBER   | 0,5  | 3    | 6    | 30   | 120  | 460  |
| BEREICH 1)                                                 |                     | BIS    | 3    | 6    | 30   | 120  | 400  | 1000 |
| ABWICH.                                                    | LÄNGEN              | MITTEL | ±0,1 | ±0,1 | ±0,2 | ±0,3 | ±0,5 | ±0,6 |
|                                                            | MASS                | MITTEL | ±0,1 | ±0,1 | ±0,2 | ±0,3 | ±0,5 | ±0,6 |
|                                                            | RADIEN U. FASEN     | MITTEL | ±0,2 | ±0,5 | ±1   | ±2   | ±4   | ±4   |
|                                                            | WINKELABMASSE 1) 2) |        | ±1°  | ±1°  | ±30' | ±20' | ±10' | ±5°  |

GENERAL TOLERANCES ACC. TO DIN 7168 (VALUES IN mm)

1) DEVIATING FROM DIN 7168 2) LENGTH OF SHORT ANGLE SIDE

TEIL IM BEREICH X\_\_ MIT PN;STRICH-NR.-(1 WIE GEZ.),  
 REVISION-STAND UND LIEFERANTENS.YMBOL GEKENNZEICHNET

PART TO BE MARKED WITH P/N&S NO. (1 AS SHOWN),  
 REV. STATUS AND VENDORS MARK IN AREA X\_\_

OBERFLÄCHENVERGLEICHSTABELLE

|                                         |  |     |     |     |     |                           |      |
|-----------------------------------------|--|-----|-----|-----|-----|---------------------------|------|
| DIN3141 R <sub>3</sub>                  |  |     |     |     |     | BOHRGR.<br>OHNE<br>ANGAB. |      |
| R <sub>a</sub> in µm<br>DIN ISO<br>1302 |  | 100 | 6.3 | 1.6 | 0.4 | 0.1                       | 12.5 |

ALLE UNBESAMTETE KANTEN 0.2x45° ENTGRATET  
 REMOVE BURRS, BREAK SHARP EDGES 0.2x45°

HOLE  
 NOT  
 SPEC.

|   |     |                 |      |         |
|---|-----|-----------------|------|---------|
|   |     |                 |      |         |
|   |     |                 |      |         |
|   |     |                 |      |         |
|   |     |                 |      |         |
| P | LTR | REVISION RECORD | DATE | DWN APV |

|                                                                                       |                                            |
|---------------------------------------------------------------------------------------|--------------------------------------------|
| FINISH                                                                                |                                            |
| -                                                                                     |                                            |
| DIMENSIONS:                                                                           | TOLERANCES UNLESS OTHERWISE SPECIFIED:     |
| mm                                                                                    | n. ISO 2618<br>n. ISO 2768<br>n. DIN 16901 |
|  | mH - E<br>140                              |
| 0 PLC                                                                                 | ±.                                         |
| 1 PLC                                                                                 | ±.                                         |
| 2 PLC                                                                                 | ±.                                         |
| 3 PLC                                                                                 | ±.                                         |
| 4 PLC                                                                                 | ±.                                         |
| <del>ANGLES</del><br><del>SURFACE TEXTURE</del>                                       |                                            |

|       |                                                                                             |                                                                                                                                                                     |       |            |   |
|-------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|---|
| DWN   | 23.09.2008<br>P. Demmer                                                                     | MATERIAL                                                                                                                                                            | -     | HEAT TREAT | - |
| CHK   | 23.09.2008<br>Ch. Witt                                                                      |  <b>Tyco Electronics</b> Tyco Electronics AMP GmbH<br>64625 Bensheim (Germany) |       |            |   |
| APVD  | 23.09.2008<br>Ch. Witt                                                                      |                                                                                                                                                                     |       |            |   |
| NAME  | HTS - DIE SET FOR HSK, HSM AND HSS CONTACTS<br>HTS - Matrizte für HSK, HSM und HSS Kontakte |                                                                                                                                                                     |       |            |   |
| SCALE | SIZE                                                                                        | DRAWING NO                                                                                                                                                          | SHEET | REV        |   |
| 2:1   | A3                                                                                          | C-2-1105870-8                                                                                                                                                       | 1     | OF 1       | A |