



|  |                                     |                   |   |                |
|--|-------------------------------------|-------------------|---|----------------|
| Medidas sin indicación expresa de tolerancia s/ ISO 2768 - f |                                     |                   | Acabado superficial s / DIN 3141  |                |
| Material:  | Nº Piezas:                          | Medidas en bruto: | Peso:<br>110,4 kg   | Formato:<br>A3 |
| Dibujado   | mateos                              | 11-04-2019        | <br>CODIGO Pieza<br>P2200000004B |                |
| Verificado   |                                     |                   |   |                |
| Escala   | PUMA 220                            |                   | Hoja 1 de 2   Vers: 2   |                |
| 1:6  | PUNZONADO DIAMETRO MAYOR HASTA Ø100 |                   | Nº de Plano<br>P2200000004B   |                |

| Pos | Piece Name   | Descripcion Esp.  | Description Eng.                                     | Qty. |
|-----|--------------|---|--|------|
| 1   | 125C5DIA16ZN | ARANDELA PLANA DIN 125 Ø16                                      | PLANE WASHER DIN 125 Ø16                             | 2    |
| 2   | 125C5DIA18ZN | ARANDELA PLANA DIN 125 Ø18                                      | PLANE WASHER DIN 125 Ø18                             | 4    |
| 3   | 912C8M14X030 | TORN ALLEN DIN 912 M14x30                                       | ALLEN SCREW DIN 912 M14x30                           | 4    |
| 4   | 913C8M18X160 | ESPARRAGO ALLEN DIN 913 M18x160                                 | ALLEN STUD DIN 913 M18x160                           | 2    |
| 5   | 933C8M16X080 | TORN HEXAG DIN 933 M16x80                                       | HEXAGONAL SCREW DIN 933 M14x80                       | 2    |
| 6   | 934C8M160000 | TUERCA HEX DIN 934 M16 CLASE 8.8                                | HEXAGONAL NUT DIN 934 M16 CLASS 8.8                  | 2    |
| 7   | 934C8M180000 | TUERCA HEX DIN 934 M18 CLASE 8.8                                | HEXAGONAL NUT DIN 934 M18 CLASS 8.8                  | 6    |
| 8   | 9400SINC15D2 | PASADOR ALETA DIN 94 LARGO SIN CABEZA 15MM D2                   | SPLIT PIN DIN 94 LENGTH 15MM D2                      | 2    |
| 9   | 125C5DIA06ZN | ARANDELA PLANA DIN 125 Ø6                                       | PLANE WASHER DIN 125 Ø6                              | 1    |
| 10  | H2200007003B | BASE PUNZON DIAMETROS MAYORES                                   | OVERSIZE PUNCH BASE                                  | 1    |
| 11  | H05500076D84 | CASQUILLO Ø MAYOR CUELLO Ø40                                    | Ø40 NECK PUNCH ADAPTER                               | 1    |
| 12  | I04500076D11 | CASQUILLO Ø MAYOR CUELLO Ø50                                    | Ø50 NECK PUNCH ADAPTER                               | 1    |
| 13  | I04500076D12 | CASQUILLO Ø MAYOR CUELLO Ø75                                    | Ø75 NECK PUNCH ADAPTER                               | 1    |
| 14  | H16500030030 | DEFENSA INFERIOR PUNZONADOR MAYOR                               | OVERSIZE PUNCHING LOWER GUARD                        | 1    |
| 15  | H22000030029 | DEFENSA SUPERIOR Ø MAYOR  | UPPER OVERSIZE GUARD                                 | 1    |
| 16  | H05500014784 | DISCO INTERCAMBIABLE TOPE HASTA Ø100 PARA PUNZONES 8/40 Y 10/40 | OVERSIZE STRIPPER ADAPTER FOR 8/40 AND 10/40 PUNCHES | 1    |
| 17  | I04500014711 | DISCO INTERCAMBIABLE TOPE HASTA Ø100 PARA PUNZON 11             | OVERSIZE STRIPPER ADAPTER FOR 11 PUNCH               | 1    |
| 18  | I04500014712 | DISCO INTERCAMBIABLE TOPE HASTA Ø100 PARA PUNZON 12             | OVERSIZE STRIPPER ADAPTER FOR 12 PUNCH               | 1    |
| 19  | I04500014713 | DISCO INTERCAMBIABLE TOPE HASTA Ø100 PARA PUNZON 13             | OVERSIZE STRIPPER ADAPTER FOR 13 PUNCH               | 1    |
| 20  | H05500030026 | TORNILLO FIJACION DEFENSA                                       | COVER FASTENING SCREW                                | 2    |
| 21  | LLAVEART3503 | LLAVE ARTICULADA 350 N3 Ø80-120                                 | 350 N3 Ø80-120 ARTICULATE KEY                        | 1    |
| 22  | M010D000X387 | MATRIZ 10 RED Ø38.7   | DIE 10 ROUND Ø38.7                                   | 1    |
| 23  | P10BD000X380 | PUNZON 10/40 RED Ø38MM  | PUNCH 10/40 ROUND Ø38MM                              | 1    |
| 24  | H2200001047E | TOPE PUNZONADO Ø MAYOR  | OVERSIZE STRIPPER                                    | 1    |
| 25  | 933C8M06X035 | TORN HEXAG DIN 933 M6x35  | HEXAGONAL SCREW DIN 933 M6x35                        | 1    |
| 26  | 934C8M140000 | TUERCA HEX DIN 934 M14 CLASE 8.8                                | HEXAGONAL NUT DIN 934 M12 CLASS 8.8                  | 1    |
| 27  | I0450007006B | TUERCA Ø MAYOR  | OVERSIZE PUNCH NUT                                   | 1    |
| 28  | P220000711BA | BASE MATRIZ 13 PUNZONADO Ø MAYOR                                | 13 DIE HOLDER OVERSIZE PUNCH                         | 1    |
| 29  | P22000070010 | BASE PLANA Ø MAYOR  | OVERSIZE DIE PLANE BASE                              | 1    |
| 30  | H16500071210 | REDUCTOR DE MATRIZ 13 A MATRIZ 10                               | NR. 13 TO NR. 10 DIE ADAPTER                         | 1    |
| 31  | H16500071211 | REDUCTOR DE MATRIZ 13 A MATRIZ 11                               | NR. 13 TO NR. 11 DIE ADAPTER                         | 1    |
| 32  | H16500071212 | REDUCTOR DE MATRIZ 13 A MATRIZ 12                               | NR. 13 TO NR. 12 DIE ADAPTER                         | 1    |
| 33  | H16500071213 | SUPLEMENTO MATRIZ 13  | 13 DIE SUPPLEMENT                                    | 1    |
| 34  | H0550007069D | TORNILLO M14X80 APRIETE MATRICES HASTA Ø100                     | DIE FIXING SCREW UP TO Ø100                          | 1    |
| 35  | 912C8M16X100 | TORN ALLEN DIN 912 M16x100                                      | ALLEN SCREW DIN 912 M16x100                          | 4    |
| 36  | H05500071208 | CASQUILLO PORTA-MATRIZ N8                                       | NR.13 TO NR.8 DIE ADAPTER                            | 1    |
| 37  | H16500076D10 | CASQUILLO HASTA Ø 100 ( CUELLO Ø 26 - n° 10/26 )                | Ø26 NECK PUNCH ADAPTER                               | 1    |
| 38  | I04500014783 | DISCO INTERCAMBIABLE TOPE HASTA Ø100 PARA PUNZONES 5-6-8/31     | OVERSIZE STRIPPER ADAPTER FOR 5-6-8/31 PUNCHES       | 1    |

|  |   |                   |   |                |
|--|---|-------------------|---|----------------|
| Medidas sin indicación expresa de tolerancia s/ ISO 2768 - f |   |                   | Acabado superficial s / DIN 3141  |                |
| Material:  | Nº Piezas:                                      | Medidas en bruto: | Peso:<br>110,4 kg   | Formato:<br>A3 |
| Dibujado   | mateos  | 11-04-2019        | <br>CODIGO Pieza<br>P2200000004B |                |
| Verificado   |   |                   |   |                |
| Escala<br>1:6  | PUMA 220<br>PUNZONADO DIAMETRO MAYOR HASTA Ø100 |                   | Hoja 2 de 2   Vers.: 2<br>Nº de Plano<br>P2200000004B   |                |