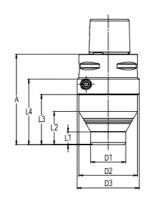
# Polygon

## Precision Chuck APC, DIN ISO 26623-1 with fine balancing holes 6xM6

Easy exchange of tools by setting of hex-key (see page 49). Maintenance free. Sealed against coolant and contamination. Slow collet taper angle. Collet with special coating (see page 36–47). System-Runout-Accuracy 3  $\mu$ m at 2,5 x D. Clamping of tool shanks according to DIN 1835 A, B and DIN 6535 HB, HA.



#### **APC 14**

| PSC | :50             |      |    |    |    |    |    |    |    | 2-14         | mm  |
|-----|-----------------|------|----|----|----|----|----|----|----|--------------|-----|
| Α   | Part.No.        | Form | L1 | L2 | L3 | L4 | D1 | D2 | D3 | Balanced     | kg  |
| 77  | 300 014Z 9C5 0* | Α    | 11 | 28 | 43 | 56 | 30 | 50 | 53 | 20.000 G=2,5 | 0,9 |
| PSC | 63              |      |    |    |    |    |    |    |    |              |     |
| 80  | 300 014Z 9C6 0  | Α    | 11 | 28 | 43 |    | 30 | 50 |    | 20.000 G=2,5 | 1,3 |
|     |                 |      |    |    |    |    |    |    |    |              |     |



<sup>\*</sup> without balancing holes

| PSC | 50              |      |    |     |     |     |    |    |    | 2-14         | mm  |
|-----|-----------------|------|----|-----|-----|-----|----|----|----|--------------|-----|
| Α   | Part.No.        | Form | L1 | L2  | L3  | L4  | D1 | D2 | D3 | Balanced     | kg  |
| 127 | 300 514Z 9C5 0* | Α    | 61 | 78  | 93  | 106 | 30 | 50 | 53 | 20.000 G=2,5 | 1,0 |
| PSC | 63              |      |    |     |     |     |    |    |    |              |     |
| 108 | 300 614Z 9C6 0  | Α    | 39 | 56  | 71  |     | 30 | 50 |    | 20.000 G=2,5 | 1,5 |
| 130 | 300 814Z 9C6 0  | Α    | 61 | 78  | 93  |     | 30 | 50 |    | 20.000 G=2,5 | 1,6 |
| 166 | 300 914Z 9C6 0  | A    | 85 | 103 | 129 |     | 30 | 50 |    | 20.000 G=2,5 | 1,9 |
|     |                 |      |    |     |     |     |    |    |    |              |     |



#### APC 20

| 50              |  |  |   |   |   |   |  |   | 2-20  | mm  |
|-----------------|--|--|---|---|---|---|--|---|---|---|
| Part.No.        | Form                                       | L1   | L2  | L3  | L4  | D1  | D2   | D3  | Balanced  | kg  |
| 300 120Z 9C5 0* | A  | 20   | 31  |   | 56  | 40  | 53   |   | 20.000 G=2,5  | 0,9   |
| 63              |  |  |   |   |   |   |  |   |   |   |
| 300 020Z 9C6 0  | A  | 18   | 38  |   |   | 40  | 63   |   | 20.000 G=2,5  | 1,4   |
| 80              |  |  |   |   |   |   |  |   |   |   |
| 300 020Z 9C8 0  | A  | 18   | 38  | 43  |   | 40  | 63   |   | 20.000 G=2,5  | 3,3   |
|                 | Part.No. 300 120Z 9C5 0* 63 300 020Z 9C6 0 | Part.No.       Form         300 120Z 9C5 0*       A         63       300 020Z 9C6 0         80       A | Part.No.         Form         L1           300 120Z 9C5 0*         A         20           63         300 020Z 9C6 0         A         18           80         A         B | Part.No.         Form         L1         L2           300 120Z 9C5 0*         A         20         31           63         300 020Z 9C6 0         A         18         38           80         38         38         38 | Part.No.     Form     L1     L2     L3       300 120Z 9C5 0*     A     20     31       63       300 020Z 9C6 0     A     18     38       80 | Part.No.         Form         L1         L2         L3         L4           300 120Z 9C5 0*         A         20         31         56           63         300 020Z 9C6 0         A         18         38           80 | Part.No.         Form         L1         L2         L3         L4         D1           300 120Z 9C5 0*         A         20         31         56         40           63         300 020Z 9C6 0         A         18         38         40           80 | Part.No.         Form         L1         L2         L3         L4         D1         D2           300 120Z 9C5 0*         A         20         31         56         40         53           63           300 020Z 9C6 0         A         18         38         40         63           80 | Part.No.         Form         L1         L2         L3         L4         D1         D2         D3           300 120Z 9C5 0*         A         20         31         56         40         53 | Part.No.         Form         L1         L2         L3         L4         D1         D2         D3         Balanced           300 120Z 9C5 0*         A         20         31         56         40         53         20.000 G=2,5           63           300 020Z 9C6 0         A         18         38         40         63         20.000 G=2,5           80 |



<sup>\*</sup> without balancing holes

| PSC | 63             |      |    |     |    |    |    |    |    | 2-20         | mm  |
|-----|----------------|------|----|-----|----|----|----|----|----|--------------|-----|
| Α   | Part.No.       | Form | L1 | L2  | L3 | L4 | D1 | D2 | D3 | Balanced     | kg  |
| 108 | 300 620Z 9C6 0 | Α    | 48 | 56  | 71 |    | 40 | 50 |    | 20.000 G=2,5 | 1,6 |
| 130 | 300 820Z 9C6 0 | Α    | 47 | 68  |    |    | 40 | 63 |    | 20.000 G=2,5 | 2,2 |
| 166 | 300 920Z 9C6 0 | Α    | 84 | 104 |    |    | 40 | 63 |    | 20.000 G=2,5 | 2,5 |
| PSC | 80             |      |    |     |    |    |    |    |    |              |     |
| 140 | 300 820Z 9C8 0 | A    | 47 | 68  | 93 |    | 40 | 63 |    | 20.000 G=2,5 | 3,5 |
|     |                |      |    |     |    |    |    |    |    |              |     |



<sup>\*</sup> without balancing holes

### **APC 25**

PSC 63 16 - 32 mm

| Α   | Part.No.       | Form | L1 | L2 | L3 | L4 | D1 | D2 | D3 | Balanced     | kg  |
|-----|----------------|------|----|----|----|----|----|----|----|--------------|-----|
| 119 | 300 025Z 9C6 0 | A    |    |    |    |    | 63 |    |    | 20.000 G=2,5 | 2,4 |
| PSC | 80             |      |    |    |    |    |    |    |    |              |     |
| 129 | 300 025Z 9C8 0 | A    | 83 |    |    |    | 70 |    |    | 20.000 G=2,5 | 3,8 |



| Mounting System Base Unit | Part.No.       |
|---------------------------|----------------|
|                           | 730 1000 000 0 |



| Adaptor                | Part.No.       |  |  |  |  |  |  |
|------------------------|----------------|--|--|--|--|--|--|
| ISO 7388-1 + ISO7388-2 |                |  |  |  |  |  |  |
| SK30 + BT30            | 730 1000 230 0 |  |  |  |  |  |  |
| SK40 + BT40 + CAT40    | 730 1000 240 0 |  |  |  |  |  |  |
| SK50 + BT50 + CAT50    | 730 1000 250 0 |  |  |  |  |  |  |
| DIN 69893              |                |  |  |  |  |  |  |
| HSK50 Form A+C         | 730 1000 650 0 |  |  |  |  |  |  |
| HSK63 Form A+C         | 730 1000 663 0 |  |  |  |  |  |  |
| HSK80 Form A+C         | 730 1000 680 0 |  |  |  |  |  |  |
| HSK100 Form A+C        | 730 1000 610 0 |  |  |  |  |  |  |
| ISO 26623-1            |                |  |  |  |  |  |  |
| PSC50                  | 730 1000 9C5 0 |  |  |  |  |  |  |
| PSC63                  | 730 1000 9C6 0 |  |  |  |  |  |  |
| PSC80                  | 730 1000 9C8 0 |  |  |  |  |  |  |

