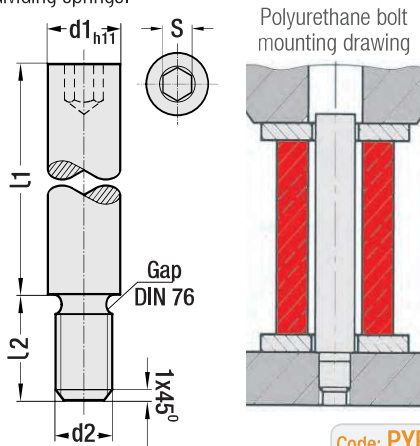




Code: **PYP**

## Guide Bolt for Polyurethane Spring

During guiding of polyurethane springs, countersunk allen head metric thread connected guide bolts can be used as single spring as well as cluster by dividing springs.

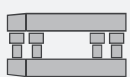


Code: **PYP**

| d1      | l1  | d2  | l2    | S  | Spring Ø         |
|---------|-----|-----|-------|----|------------------|
| Ø 6 mm  | 20  | M4  | 6 mm  | 3  | Ø 16 x 6.5       |
|         | 25  |     |       |    |                  |
|         | 32  |     |       |    |                  |
| Ø 8 mm  | 25  | M6  | 9 mm  | 4  | Ø 20 x 8.5       |
|         | 32  |     |       |    |                  |
|         | 40  |     |       |    |                  |
| Ø 10 mm | 50  | M8  | 15 mm | 5  | Ø 25 x 10.5      |
|         | 32  |     |       |    |                  |
|         | 40  |     |       |    |                  |
|         | 50  |     |       |    |                  |
| Ø 13 mm | 63  | M10 | 15 mm | 6  | Ø 32 / 40 x 13.5 |
|         | 80  |     |       |    |                  |
|         | 95  |     |       |    |                  |
|         | 32  |     |       |    |                  |
| Ø 16 mm | 40  | M12 | 18 mm | 8  | Ø 50 / 63 x 17   |
|         | 50  |     |       |    |                  |
|         | 63  |     |       |    |                  |
|         | 80  |     |       |    |                  |
|         | 95  |     |       |    |                  |
|         | 118 |     |       |    |                  |
| Ø 20 mm | 140 | M16 | 25 mm | 10 | Ø 80 / 100 x 21  |
|         | 40  |     |       |    |                  |
|         | 50  |     |       |    |                  |
|         | 63  |     |       |    |                  |
|         | 80  |     |       |    |                  |
|         | 95  |     |       |    |                  |

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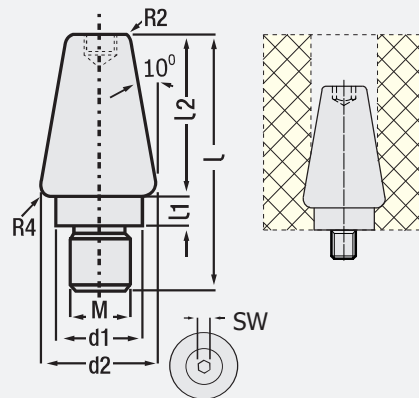
Dies

Order: **PYP.**  
d1 x l1



Code: **PSP**

## Locating Bolt for Polyurethane Spring



| M          | l   | d1 | d2 | l1 | l2 | SW | Spring Ø |
|------------|-----|----|----|----|----|----|----------|
| <b>M12</b> | 56  | 19 | 28 | 8  | 30 | 6  | 63       |
| <b>M16</b> | 74  | 22 | 32 | 10 | 40 | 8  | 80-100   |
| <b>M20</b> | 100 | 28 | 38 | 15 | 55 | 10 | 125-140  |

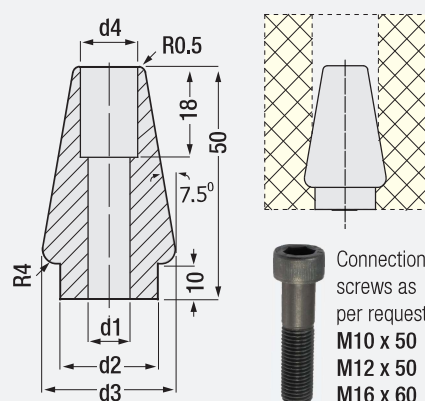
Order: **PSP. M x l**

Material:  
1.7131 (16MnCr5)



Code: **PMV**

## Locating Pin for Polyurethane Spring



Upper screwed locating pins for polyurethane springs

| M          | d1   | d2 | d3 | d4 | Spring Ø |
|------------|------|----|----|----|----------|
| <b>M10</b> | 11   | 18 | 28 | 17 | 63       |
| <b>M12</b> | 13.5 | 22 | 32 | 19 | 80-100   |
| <b>M16</b> | 17.5 | 28 | 38 | 25 | 125      |

Order: **PMV. M**

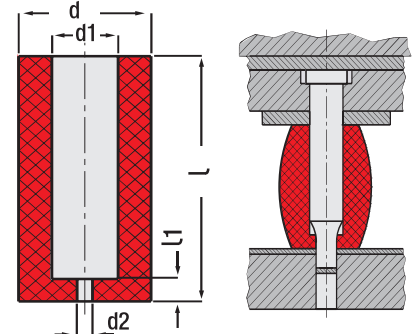
Material:  
1.7131 (16MnCr5)



Code: **PYB**

## Polyurethane Punch Stripper

Overspread on punch (shock absorber)



In dies that polyurethane punch stripper is used, there is no need to dismantle stripper plate to make repair whetting and modification on die components, there is not any effect on precise parts, it is excellent for all painted / anodized, plastic plated and polished parts. It is compatible to use with oil and grease. It is overspread on punch. Placement is done according to the stripper hardness. There is no need for extra holder. Stepped-punch hole will be opened at the first stroke of press on stripper edge. Especially, in large dies requiring very wide stripper plate, this product is very compatible.

Code: **PYB**

| Order    | d1<br>Ø | d<br>Ø | d2<br>Ø | l1<br>mm | l<br>mm | Punch<br>Length |
|----------|---------|--------|---------|----------|---------|-----------------|
| PYB.445  | 4.0     | 17     | 1.6     | 5.0      | 45      | 56 / 63         |
| PYB.655  | 6.0     | 19     |         |          | 3.0     | 55              |
| PYB.855  | 8.0     | 21     |         |          |         |                 |
| PYB.1055 | 10      | 23     |         |          |         |                 |
| PYB.1355 | 13      | 26     |         |          |         |                 |
| PYB.1655 | 16      | 30     |         |          |         |                 |
| PYB.2055 | 20      | 38     |         |          |         |                 |
| PYB.2555 | 25      | 50     | 100     |          |         |                 |

d2: (1.6 - 3.0 mm) (d1) while opening hole diameter / drilling, polyurethane (punch) bush should be applied and drilled in pressed (S max) position. Spring load is obtained while extending outwards.

In S. max flexion, load coefficient data daN / Kg.

| d mm         | 17  | 19  | 21  | 23  | 26  | 30  | 38  | 50   |
|--------------|-----|-----|-----|-----|-----|-----|-----|------|
| <b>S daN</b> | 60  | 65  | 70  | 90  | 110 | 140 | 210 | 370  |
| <b>3 mm</b>  | daN | daN | daN | daN | daN | daN | daN | daN  |
| <b>S daN</b> | 115 | 120 | 130 | 160 | 190 | 230 | 360 | 650  |
| <b>6 mm</b>  | daN | daN | daN | daN | daN | daN | daN | daN  |
| <b>S daN</b> | -   | 180 | 210 | 240 | 300 | 370 | 550 | 1020 |
| <b>9 mm</b>  | daN | daN | daN | daN | daN | daN | daN | daN  |

S max: Load coefficient daN = Kg. / (10 newton), while polyurethane bush S max in pressed, load data is advisory.