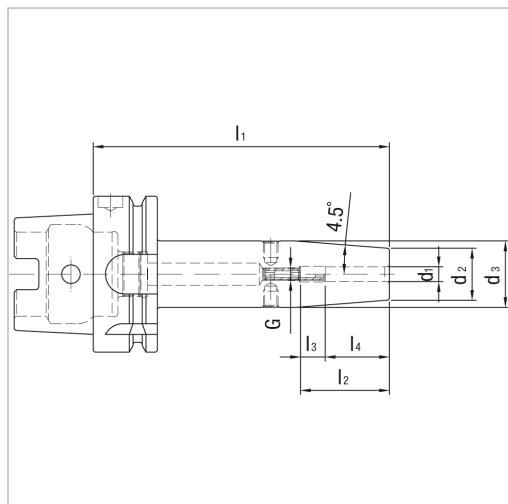




## Schrumpffutter HSK100-A DIN69893-A D10mm L90mm



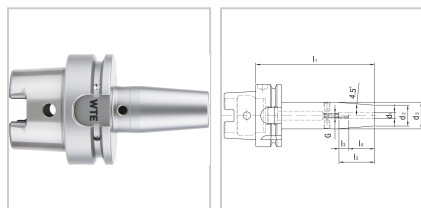
**WTE**  
MAPAL GROUP

**€375.09\***

Prices incl. VAT plus shipping costs

Art nr.: **2372410X90**

aus hochfestem Warmarbeitsstahl, schlanke Bauweise, hohe Rundlaufgenauigkeit von 0,003 mm, feingewuchtet, sichere Kraftübertragung, hohe Drehmomentübertragung, verzugsfrei durch optimale Wärmebehandlung, hohe Positionier- und Wiederholgenauigkeit, ab Durchmesser 3 mm mit Längeneinstellschraube



### Properties

|            |                                                                                    |
|------------|------------------------------------------------------------------------------------|
| Aufnahme:  | Zylinder                                                                           |
| Einsatz:   | HSC-Fräsen, Fräsen im Werkzeug und Formenbau, Schwerzerspannung, Bohren und Reiben |
| Form:      | A                                                                                  |
| IK:        | ja                                                                                 |
| Norm:      | DIN 69893                                                                          |
| Wuchtgüte: | G2,5 25000                                                                         |

### Variants

| Code | l3 (mm) | d1 (mm) | l2 (mm) | l1 (mm) | Gewinde | d2 (mm) | Aufnahme | d3 (mm) | PU | Price/PU |
|------|---------|---------|---------|---------|---------|---------|----------|---------|----|----------|
|------|---------|---------|---------|---------|---------|---------|----------|---------|----|----------|

|                        |           |           |           |           |               |           |                      |           |                |                |
|------------------------|-----------|-----------|-----------|-----------|---------------|-----------|----------------------|-----------|----------------|----------------|
| 237233<br>X80          | 16        | 3         | 28        | 80        | M6            | 10        | HSK<br>63-A          | 15        | 1 Stück        | €255.14        |
| 237234<br>X80          | 12        | 4         | 28        | 80        | M6            | 15        | HSK<br>63-A          | 22        | 1 Stück        | €255.14        |
| 237235<br>X80          | 10        | 5         | 30        | 80        | M6            | 15        | HSK<br>63-A          | 22        | 1 Stück        | €255.14        |
| 237236<br>X80          | 10        | 6         | 36        | 80        | M5            | 21        | HSK<br>63-A          | 27        | 1 Stück        | €214.44        |
| 237246<br>X85          | 10        | 6         | 36        | 85        | M5            | 21        | HSK<br>100-A         | 27        | 1 Stück        | €294.41        |
| 237236<br>X120         | 10        | 6         | 36        | 120       | M5            | 21        | HSK<br>63-A          | 27        | 1 Stück        | €295.12        |
| 237246<br>X120         | 10        | 6         | 36        | 120       | M5            | 21        | HSK<br>100-A         | 27        | 1 Stück        | €382.82        |
| 237246<br>X160         | 10        | 6         | 36        | 160       | M5            | 21        | HSK<br>100-A         | 27        | 1 Stück        | €419.71        |
| 237236<br>X160         | 10        | 6         | 36        | 160       | M5            | 21        | HSK<br>63-A          | 27        | 1 Stück        | €324.87        |
| 237238<br>X80          | 10        | 8         | 36        | 80        | M6            | 21        | HSK<br>63-A          | 27        | 1 Stück        | €214.44        |
| 237248<br>X85          | 10        | 8         | 36        | 85        | M6            | 21        | HSK<br>100-A         | 27        | 1 Stück        | €294.41        |
| 237238<br>X120         | 10        | 8         | 36        | 120       | M6            | 21        | HSK<br>63-A          | 27        | 1 Stück        | €295.12        |
| 237248<br>X120         | 10        | 8         | 36        | 120       | M6            | 21        | HSK<br>100-A         | 27        | 1 Stück        | €382.82        |
| 237248<br>X160         | 10        | 8         | 36        | 160       | M6            | 21        | HSK<br>100-A         | 27        | 1 Stück        | €419.71        |
| 237238<br>X160         | 10        | 8         | 36        | 160       | M6            | 21        | HSK<br>63-A          | 27        | 1 Stück        | €324.87        |
| 237231<br>0X85         | 10        | 10        | 41        | 85        | M8 x 1        | 24        | HSK<br>63-A          | 32        | 1 Stück        | €214.44        |
| <b>237241<br/>0X90</b> | <b>10</b> | <b>10</b> | <b>41</b> | <b>90</b> | <b>M8 x 1</b> | <b>24</b> | <b>HSK<br/>100-A</b> | <b>32</b> | <b>1 Stück</b> | <b>€375.09</b> |
| 237231<br>0X120        | 10        | 10        | 41        | 120       | M8 x 1        | 24        | HSK<br>63-A          | 32        | 1 Stück        | €295.12        |
| 237241<br>0X120        | 10        | 10        | 41        | 120       | M8 x 1        | 24        | HSK<br>100-A         | 32        | 1 Stück        | €382.82        |
| 237231<br>0X160        | 10        | 10        | 41        | 160       | M8 x 1        | 24        | HSK<br>63-A          | 32        | 1 Stück        | €324.87        |
| 237241<br>0X160        | 10        | 10        | 41        | 160       | M8 x 1        | 24        | HSK<br>100-A         | 32        | 1 Stück        | €419.71        |

|                 |    |    |    |     |         |    |              |    |         |         |
|-----------------|----|----|----|-----|---------|----|--------------|----|---------|---------|
| 237231<br>2X90  | 10 | 12 | 47 | 90  | M10 x 1 | 24 | HSK<br>63-A  | 32 | 1 Stück | €214.44 |
| 237241<br>2X95  | 10 | 12 | 47 | 95  | M10 x 1 | 24 | HSK<br>100-A | 32 | 1 Stück | €294.41 |
| 237241<br>2X120 | 10 | 12 | 47 | 120 | M10 x 1 | 24 | HSK<br>100-A | 32 | 1 Stück | €382.82 |
| 237231<br>2X120 | 10 | 12 | 47 | 120 | M10 x 1 | 24 | HSK<br>63-A  | 32 | 1 Stück | €295.12 |
| 237241<br>2X160 | 10 | 12 | 47 | 160 | M10 x 1 | 24 | HSK<br>100-A | 32 | 1 Stück | €408.17 |
| 237231<br>2X160 | 10 | 12 | 47 | 160 | M10 x 1 | 24 | HSK<br>63-A  | 32 | 1 Stück | €324.87 |
| 237231<br>4X90  | 10 | 14 | 47 | 90  | M10 x 1 | 27 | HSK<br>63-A  | 34 | 1 Stück | €214.44 |
| 237241<br>4X95  | 10 | 14 | 47 | 95  | M10 x 1 | 27 | HSK<br>100-A | 34 | 1 Stück | €294.41 |
| 237231<br>4X120 | 10 | 14 | 47 | 120 | M10 x 1 | 27 | HSK<br>63-A  | 34 | 1 Stück | €295.12 |
| 237241<br>4X120 | 10 | 14 | 47 | 120 | M10 x 1 | 27 | HSK<br>100-A | 34 | 1 Stück | €382.82 |
| 237241<br>4X160 | 10 | 14 | 47 | 160 | M10 x 1 | 27 | HSK<br>100-A | 34 | 1 Stück | €419.71 |
| 237231<br>4X160 | 10 | 14 | 47 | 160 | M10 x 1 | 27 | HSK<br>63-A  | 34 | 1 Stück | €324.87 |
| 237231<br>6X95  | 10 | 16 | 50 | 95  | M12 x 1 | 27 | HSK<br>63-A  | 34 | 1 Stück | €214.44 |
| 237241<br>6X100 | 10 | 16 | 50 | 100 | M12 x 1 | 27 | HSK<br>100-A | 34 | 1 Stück | €294.41 |
| 237241<br>6X120 | 10 | 16 | 50 | 120 | M12 x 1 | 27 | HSK<br>100-A | 34 | 1 Stück | €382.82 |
| 237231<br>6X120 | 10 | 16 | 50 | 120 | M12 x 1 | 27 | HSK<br>63-A  | 34 | 1 Stück | €295.12 |
| 237231<br>6X160 | 10 | 16 | 50 | 160 | M12 x 1 | 27 | HSK<br>63-A  | 34 | 1 Stück | €324.87 |
| 237241<br>6X160 | 10 | 16 | 50 | 160 | M12 x 1 | 27 | HSK<br>100-A | 34 | 1 Stück | €419.71 |
| 237231<br>8X95  | 10 | 18 | 50 | 95  | M12 x 1 | 33 | HSK<br>63-A  | 42 | 1 Stück | €214.44 |
| 237241<br>8X100 | 10 | 18 | 50 | 100 | M12 x 1 | 33 | HSK<br>100-A | 42 | 1 Stück | €294.41 |
| 237241<br>8X120 | 10 | 18 | 50 | 120 | M12 x 1 | 33 | HSK<br>100-A | 42 | 1 Stück | €382.82 |

|                 |    |    |    |     |         |    |              |    |         |         |
|-----------------|----|----|----|-----|---------|----|--------------|----|---------|---------|
| 237231<br>8X120 | 10 | 18 | 50 | 120 | M12 x 1 | 33 | HSK<br>63-A  | 42 | 1 Stück | €295.12 |
| 237231<br>8X160 | 10 | 18 | 50 | 160 | M12 x 1 | 33 | HSK<br>63-A  | 42 | 1 Stück | €324.87 |
| 237241<br>8X160 | 10 | 18 | 50 | 160 | M12 x 1 | 33 | HSK<br>100-A | 42 | 1 Stück | €419.71 |
| 237232<br>0X100 | 10 | 20 | 52 | 100 | M16 x 1 | 33 | HSK<br>63-A  | 42 | 1 Stück | €214.44 |
| 237242<br>0X105 | 10 | 20 | 52 | 105 | M16 x 1 | 33 | HSK<br>100-A | 42 | 1 Stück | €294.41 |
| 237232<br>0X160 | 10 | 20 | 52 | 160 | M16 x 1 | 33 | HSK<br>63-A  | 42 | 1 Stück | €324.87 |
| 237242<br>0X160 | 10 | 20 | 52 | 160 | M16 x 1 | 33 | HSK<br>100-A | 42 | 1 Stück | €419.71 |
| 237242<br>5X115 | 10 | 25 | 58 | 115 | M16 x 1 | 44 | HSK<br>100-A | 53 | 1 Stück | €294.41 |
| 237232<br>5X115 | 10 | 25 | 58 | 115 | M16 x 1 | 44 | HSK<br>63-A  | 53 | 1 Stück | €214.44 |
| 237232<br>5X160 | 10 | 25 | 62 | 160 | M16 x 1 | 44 | HSK<br>63-A  | 53 | 1 Stück | €324.87 |
| 237242<br>5X160 | 10 | 25 | 58 | 160 | M16 x 1 | 44 | HSK<br>100-A | 53 | 1 Stück | €419.71 |
| 237243<br>2X120 | 10 | 32 | 62 | 120 | M16 x 1 | 44 | HSK<br>100-A | 53 | 1 Stück | €264.77 |
| 237233<br>2X120 | 10 | 32 | 62 | 120 | M16 x 1 | 44 | HSK<br>63-A  | 53 | 1 Stück | €214.44 |
| 237233<br>2X160 | 10 | 32 | 62 | 160 | M16 x 1 | 44 | HSK<br>63-A  | 53 | 1 Stück | €324.87 |
| 237243<br>2X160 | 10 | 32 | 62 | 160 | M16 x 1 | 44 | HSK<br>100-A | 53 | 1 Stück | €419.71 |