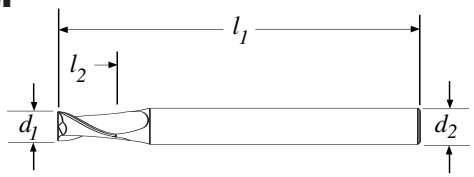
# 59M, 59MB

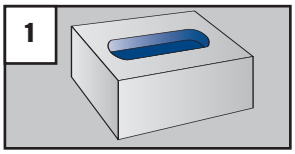
## 59M

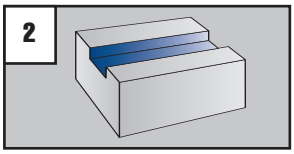



| ød$_1$ mm | ød$_2$ mm | l$_1$ mm | l$_2$ mm | EDP No. | Ti-NAMITE EDP No. | Ti-NAMITE-C EDP No. | Ti-NAMITE-A EDP No. |
|---|---|---|---|---|---|---|---|
| 3 | 6 | 60 | 9 | 43910 | 43920 | 43930 | 43950 |
| 4 | 6 | 70 | 12 | 43911 | 43921 | 43931 | 43951 |
| 6 | 6 | 80 | 15 | 43912 | 43922 | 43932 | 43952 |
| 8 | 8 | 90 | 20 | 43913 | 43923 | 43933 | 43953 |
| 10 | 10 | 100 | 25 | 43914 | 43924 | 43934 | 43954 |
| 12 | 12 | 110 | 30 | 43915 | 43925 | 43935 | 43955 |
| 14 | 16 | 120 | 35 | 43916 | 43926 | 43936 | 43956 |
| 16 | 16 | 120 | 40 | 43917 | 43927 | 43937 | 43957 |
| 18 | 20 | 130 | 40 | 43918 | 43928 | 43938 | 43958 |
| 20 | 20 | 130 | 45 | 43919 | 43929 | 43939 | 43959 |

| d$_1$ TOLERANCES | |
|---|---|
| Ø mm | mm |
| 3 - 6 | = +0,0-0,030 |
| >6 - 10 | = +0,0-0,040 |
| >10 - 20 | = +0,0-0,050 |

| d$_2$ TOLERANCES | |
|---|---|
| Ø mm | mm |
| 6 | = +0,0-0,008 |
| > 6 - 10 | = +0,0-0,009 |
| >10 - 18 | = +0,0-0,011 |
| >18 - 20 | = +0,0-0,013 |




TECHNICAL
66-69

**GB**

**59M End Mills - Square End**
**59MB End Mills - Ball End**
***Micrograin Solid Carbide***
Designed for Deep Pocket Milling Applications. 2 Flute - 30° Right Hand Spiral - Right Hand Cutting - Center Cutting

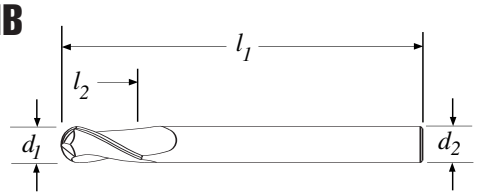
**ES**

**Fresas 59M - Punta plana**
**Fresas 59MB - Punta radial o esférica**
***Metal duro con micrograno***
Diseñada para aplicaciones de fresado en cajeado de profndidad. 2 labios - Hélice a derecha 30° - Corte a derecha- Corte al centro

**FR**

**Fraises 59M - Bout plat**
**Fraises 59MB - Bout hémisphérique**
***Carbure monobloc, micrograin***
Conçues pour fraisage en contournage. 2 dents - Hélice à droite 30° - Coupe à droite - Coupe au centre

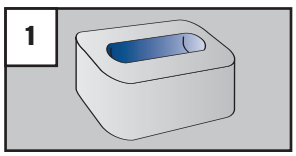
## 59MB

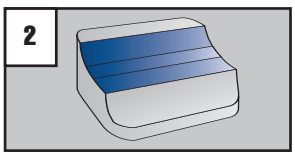



| ød$_1$ mm | ød$_2$ mm | l$_1$ mm | l$_2$ mm | EDP No. | Ti-NAMITE EDP No. | Ti-NAMITE-C EDP No. | Ti-NAMITE-A EDP No. |
|---|---|---|---|---|---|---|---|
| 3 | 6 | 60 | 9 | 43900 | 49622 | 49632 | 49642 |
| 4 | 6 | 70 | 12 | 43901 | 49623 | 49633 | 49643 |
| 6 | 6 | 80 | 15 | 43902 | 49624 | 49634 | 49644 |
| 8 | 8 | 90 | 20 | 43903 | 49625 | 49635 | 49645 |
| 10 | 10 | 100 | 25 | 43904 | 49626 | 49636 | 49646 |
| 12 | 12 | 110 | 30 | 43905 | 49627 | 49637 | 49647 |
| 14 | 16 | 120 | 35 | 43906 | 49628 | 49638 | 49648 |
| 16 | 16 | 120 | 40 | 43907 | 49629 | 49639 | 49649 |
| 18 | 20 | 130 | 40 | 43908 | 49630 | 49640 | 49650 |
| 20 | 20 | 130 | 45 | 43909 | 49631 | 49641 | 49651 |

| d$_1$ TOLERANCES | |
|---|---|
| Ø mm | mm |
| 3 - 6 | = +0,0-0,030 |
| >6 - 10 | = +0,0-0,040 |
| >10 - 20 | = +0,0-0,050 |

| d$_2$ TOLERANCES | |
|---|---|
| Ø mm | mm |
| 6 | = +0,0-0,008 |
| > 6 - 10 | = +0,0-0,009 |
| >10 - 18 | = +0,0-0,011 |
| >18 - 20 | = +0,0-0,013 |




TECHNICAL
54-64

**PT**

**Fresas 59M - Topo direito/reto**
**Fresas 59MB - Topo boleado/esférico**
***Metal duro micrograão***
Desenhada para aplicações de fresagem em recessos. 2 navalhas/corte - Espiral de 30° à direita - Corte à direita - Corte central

**IT**

**Frese 59M - Testa piana**
**Frese 59MB - Testa semisferica**
***Micrograna***
Frese testa piana e semisferica a 2 tagli - Elica destra a 30º - Taglio destrorso - Taglio al centro - Adatte per fresatura profonda e copiatura

**DE**

**Schaftfräser 59M - Flachstirn**
**Schaftfräser 59MB - Rundstirn**
***Vollhartmetall, Feinstkorn***
Zum Kopierfräsen im Formen - und Werkzeugbau. 2 Schneiden - 30° Rechtsdrall - Rechtsschneidend - Zentrumschnitt