

| $\varnothing d_1$ mm | $\varnothing d_2$ mm | l_1 mm | l_2 mm | EDP No. | Ti-NAMITE EDP No. | Ti-NAMITE-C EDP No. | Ti-NAMITE-A EDP No. |
|-------------------------|-------------------------|-------------|-------------|---------|----------------------|------------------------|------------------------|
| 1 | 3 | 38 | 4 | 40506 | 48820 | 48842 | 48863 |
| 1,5 | 3 | 38 | 4,5 | 40510 | 48821 | 48843 | 48864 |
| 2 | 3 | 38 | 6,3 | 40514 | 48822 | 48844 | 48865 |
| 2,5 | 3 | 38 | 9,5 | 40518 | 48823 | 48845 | 48866 |
| 3 | 3 | 38 | 12 | 40522 | 48824 | 48846 | 48867 |
| 3,5 | 4 | 50 | 12 | 40526 | 48825 | 48847 | 48868 |
| 4 | 4 | 50 | 14 | 40530 | 48826 | 48848 | 48869 |
| 4,5 | 6 | 50 | 16 | 40534 | 48827 | 48849 | 48870 |
| 5 | 6 | 50 | 16 | 40538 | 48828 | 48850 | 48871 |
| 6 | 6 | 50 | 19 | 40542 | 48829 | 48851 | 48872 |
| 7 | 8 | 63 | 19 | 40546 | 48830 | 48852 | 48873 |
| 8 | 8 | 63 | 20 | 40550 | 48831 | 48853 | 48874 |
| 9 | 10 | 75 | 22 | 40554 | 48832 | 48854 | 48875 |
| 10 | 10 | 75 | 22 | 40558 | 48833 | 48855 | 48876 |
| 11 | 12 | 75 | 25 | 40562 | 48834 | 48856 | 48877 |
| 12 | 12 | 75 | 25 | 40566 | 48835 | 48857 | 48878 |
| 14 | 14 | 89 | 32 | 40570 | 48836 | 48858 | 48879 |
| 16 | 16 | 89 | 32 | 40574 | 48837 | 48859 | 48880 |
| 18 | 18 | 100 | 38 | 40578 | 48838 | 48860 | 48881 |
| 20 | 20 | 100 | 38 | 40582 | 48839 | 48861 | 48882 |
| 25 | 25 | 100 | 38 | 40586 | 48840 | 48862 | 48883 |

| TOLERANCES |
|-----------------------------------|
| $\varnothing d_1 = +0,000 - 0,05$ |
| $\varnothing d_2 = +0,000 - 0,01$ |

GB

3 Flute End Mills - Ball End
Micrograin Solid Carbide
 30° Right Hand Spiral - Right Hand Cutting
 - Center Cutting

ES

Fresas de 3 labios - Punta radial o esférica
Metal duro con micrograno
 Hélice a derecha 30° - Corte a derecha
 - Corte al centro

FR

Fraises 3 dents - Bout hémisphérique
Carbure monobloc, micrograin
 Hélice à droite, 30° - Coupe à droite
 - Coupe au centre

PT

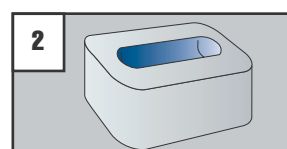
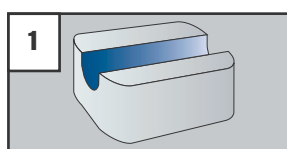
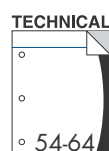
Fresas de topo de 3 navalhas/cortes
- Topo boleado/esférico
Metal duro-microgrão
 Espiral de 30° à direita - Corte à direita
 - Corte central

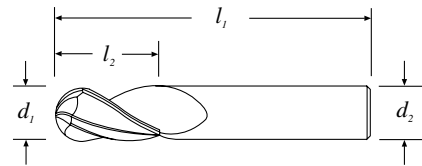
IT

Frese raggiate a 3 tagli - Testa semisferica
Micrograna
 Elica destra a 30° - Taglio destrorso - Taglio al centro

DE

Schaftfräser, 3 Schneiden
- Rundstirn
Vollhartmetall, Feinstkorn
 30° Rechtsdrall - Rechtsschneidend
 - Zentrumschnitt





E

Serie 5B

3 Flute End Mills - Ball End

Micrograin Solid Carbide

30° Right Hand Spiral - Right Hand Cutting

- Center Cutting

ES

Serie 5B

Fresas de 3 filos - Punta radial o

esférica

Carburo sólido con micrograno

Hélice a derecha 30° - Corte a derecha

- Corte al centro

FR

Série 5B

Fraises 3 dents - Bout hémisphérique

Carbure monobloc, micrograin

Hélice à droite, 30° - Coupe à droite

- Coupe au centre

| Cutting Diameter d_1 | Length of Cut l_2 | Overall Length l_1 | Shank Diameter d_2 | Uncoated | Ti-NAMITE (TiN) | Ti-NAMITE-C (TiCN) | Ti-NAMITE-A (AlTiN) |
|---------------------------|------------------------|-------------------------|-------------------------|----------|-----------------|--------------------|---------------------|
| | | | | EDP No. | EDP No. | EDP No. | EDP No. |
| 1/64 | 1/32 | 1-1/2 | 1/8 | 30502 | 30851 | 30602 | 31130 |
| 1/32 | 5/64 | 1-1/2 | 1/8 | 30504 | 30852 | 30604 | 31131 |
| 3/64 | 7/64 | 1-1/2 | 1/8 | 30506 | 30853 | 30606 | 31132 |
| 1/16 | 3/16 | 1-1/2 | 1/8 | 30508 | 30854 | 30608 | 31133 |
| 5/64 | 3/16 | 1-1/2 | 1/8 | 30510 | 30855 | 30610 | 31134 |
| 3/32 | 9/32 | 1-1/2 | 1/8 | 30512 | 30856 | 30612 | 31135 |
| 7/64 | 3/8 | 1-1/2 | 1/8 | 30514 | 30857 | 30902 | 31136 |
| 1/8 | 3/8 | 1-1/2 | 1/8 | 30578 | 30889 | 30943 | 31168 |
| 1/8 | 1/2 | 1-1/2 | 1/8 | 30516 | 30858 | 30904 | 31137 |
| 9/64 | 1/2 | 2 | 3/16 | 30518 | 30859 | 30906 | 31138 |
| 5/32 | 1/2 | 2 | 3/16 | 30520 | 30860 | 30908 | 31139 |
| 11/64 | 5/8 | 2 | 3/16 | 30522 | 30861 | 30910 | 31140 |
| 3/16 | 5/8 | 2 | 3/16 | 30524 | 30862 | 30912 | 31141 |
| 13/64 | 5/8 | 2-1/2 | 1/4 | 30526 | 30863 | 30914 | 31142 |
| 7/32 | 5/8 | 2-1/2 | 1/4 | 30528 | 30864 | 30916 | 31143 |
| 15/64 | 3/4 | 2-1/2 | 1/4 | 30530 | 30865 | 30918 | 31144 |
| 1/4 | 3/4 | 2-1/2 | 1/4 | 30532 | 30866 | 30920 | 31145 |
| 17/64 | 3/4 | 2-1/2 | 5/16 | 30534 | 30867 | 30921 | 31146 |
| 9/32 | 3/4 | 2-1/2 | 5/16 | 30536 | 30868 | 30922 | 31147 |
| 19/64 | 13/16 | 2-1/2 | 5/16 | 30538 | 30869 | 30923 | 31148 |
| 5/16 | 13/16 | 2-1/2 | 5/16 | 30540 | 30870 | 30924 | 31149 |
| 21/64 | 1 | 2-1/2 | 3/8 | 30542 | 30871 | 30925 | 31150 |
| 11/32 | 1 | 2-1/2 | 3/8 | 30544 | 30872 | 30926 | 31151 |
| 23/64 | 1 | 2-1/2 | 3/8 | 30546 | 30873 | 30927 | 31152 |
| 3/8 | 1 | 2-1/2 | 3/8 | 30548 | 30874 | 30928 | 31153 |
| 25/64 | 1 | 2-3/4 | 7/16 | 30550 | 30875 | 30929 | 31154 |
| 13/32 | 1 | 2-3/4 | 7/16 | 30552 | 30876 | 30930 | 31155 |
| 27/64 | 1 | 2-3/4 | 7/16 | 30554 | 30877 | 30931 | 31156 |
| 7/16 | 1 | 2-3/4 | 7/16 | 30556 | 30878 | 30932 | 31157 |
| 29/64 | 1 | 3 | 1/2 | 30558 | 30879 | 30933 | 31158 |
| 15/32 | 1 | 3 | 1/2 | 30560 | 30880 | 30934 | 31159 |
| 31/64 | 1 | 3 | 1/2 | 30562 | 30881 | 30935 | 31160 |
| 1/2 | 1 | 3 | 1/2 | 30564 | 30882 | 30936 | 31161 |
| 9/16 | 1-1/8 | 3-1/2 | 9/16 | 30566 | 30883 | 30937 | 31162 |
| 5/8 | 1-1/4 | 3-1/2 | 5/8 | 30568 | 30884 | 30938 | 31163 |
| 11/16 | 1-3/8 | 4 | 3/4 | 30570 | 30885 | 30939 | 31164 |
| 3/4 | 1-1/2 | 4 | 3/4 | 30572 | 30886 | 30940 | 31165 |
| 7/8 | 1-1/2 | 4 | 7/8 | 30574 | 30887 | 30941 | 31166 |
| 1 | 1-1/2 | 4 | 1 | 30576 | 30888 | 30942 | 31167 |

TOLERANCES

$d_1 = +.000 - .002$
 $d_2 = -.0001 - .0004$