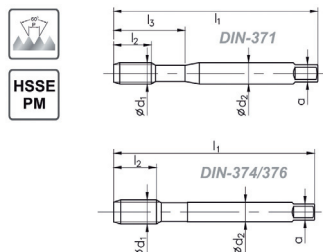




TARAUDS MACHINE HAUTE PERFORMANCE

MASTERTAP a été conçu pour un taraudage de haute performance dans une large gamme de matériaux tels que l'acier, l'acier inoxydable, fonte, métaux non ferreux, les super alliages, alliage titane. Taraudage pouvant être réalisé sur centre d'usinage avec des vitesses de coupe élevées.




consulter la demo :

<https://www.youtube.com/watch?v=II3x3Rk37Lw>

MASTERTAP



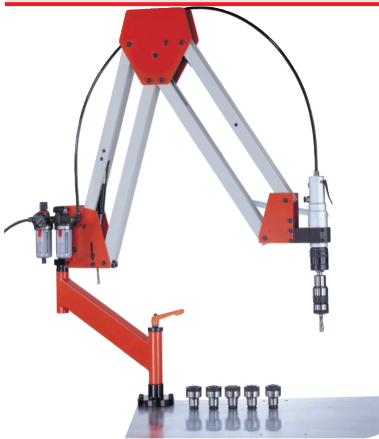
| Tolérance | | | | | | | |
|------------|------|-----|----|----|-----|-----|---|
| Revêtement | | | | | | | |
| Entrée | | | | | | | |
| Goujure | | | | | | | |
| M | P | l1 | l2 | l3 | d2 | a |  |
| d1 | | | | | | | |
| 2 | 0,4 | 45 | 8 | 12 | 2,8 | 2,1 | 1,6 |
| 2,5 | 0,45 | 50 | 5 | 14 | 2,8 | 2,1 | 2,05 |
| 3 | 0,5 | 56 | 5 | 18 | 3,5 | 2,7 | 2,5 |
| 4 | 0,7 | 63 | 7 | 21 | 4,5 | 3,4 | 3,3 |
| 5 | 0,8 | 70 | 8 | 25 | 6 | 4,9 | 4,2 |
| 6 | 1 | 80 | 10 | 30 | 6 | 4,9 | 5 |
| 8 | 1,25 | 90 | 13 | 35 | 8 | 6,2 | 6,8 |
| 10 | 1,5 | 100 | 15 | 39 | 10 | 8 | 8,5 |
| 12 | 1,75 | 110 | 18 | - | 9 | 7 | 10,2 |
| 14 | 2 | 110 | 20 | - | 11 | 9 | 12 |
| 16 | 2 | 110 | 20 | - | 12 | 9 | 14 |

| ISO2 (6H) | | ISO2 (6H) | |
|------------------|------------------------|------------------|------------------------|
| HL | | HL | |
| B = 4 - 5 filets | | C = 2 - 3 filets | |
| Droite | | Hélicoïdale | |
| Code | prix promo € net ht | Code | prix promo € net ht |
| DIN-371 | | DIN-371 | |
| C4-118M01 | | C4-528M01 | |
| 045711 | 18,18 15,67 | 045719 | 20,21 17,41 |
| 045712 | 18,18 15,67 | 045720 | 20,21 17,41 |
| 045713 | 14,07 12,12 | 045721 | 15,63 13,48 |
| 045714 | 14,82 12,78 | 045722 | 16,47 14,19 |
| 045715 | 16,09 13,88 | 045723 | 17,89 15,41 |
| 045716 | 16,68 14,38 | 045724 | 18,52 15,97 |
| 045717 | 20,03 17,28 | 045725 | 22,26 19,19 |
| 045718 | 26,35 22,71 | 045726 | 29,27 25,24 |
| DIN-376 | | DIN-376 | |
| D4-118M01 | | D4-528M01 | |
| 045727 | 38,82 33,47 | 045730 | 43,13 37,19 |
| 045728 | 50,89 43,86 | 045731 | 56,53 48,72 |
| 045729 | 54,71 47,17 | 045732 | 60,79 52,40 |

- aciers doux-mi durs E24 - A60 - XC10 - XC38
- aciers 800-1200 N/mm2
- aciers 1000-1400 N/mm2
- aciers inoxydables : ferritique, ferritique + austénitique, martensitique R≤1000N/mm2
- Aluminium pur et alliage (copeau long)
Fonte d'aluminium si ≤ 10% (copeau moyen)
- Fonte
- Titane - Alliage de Titane

| | No. mat. | Vc [m/min] | | No. mat. | Vc [m/min] |
|---|----------|------------|-------|----------|------------|
| P | 1+8 | 10+11 | 20-40 | 1+8 | 10+11 |
| | 9 | 13+14 | 5-15 | | 13+14 |
| M | 1+3 | | 5-15 | | 1+3 |
| K | 1+6 | | 10-30 | | 1+6 |
| N | 1+10 | | 10-30 | | 1+10 |
| S | 1+3 | 6 | 5-15 | | 1+3 |
| | | | | | 6 |

BRAS DE TARAUDAGE



| Modèle | MPD-12/II | MPD-16/II | MPD-22/II |
|-----------------------|------------------------------|-------------------------------|--|
| | P0-130000-10312 | P0-130000-10316 | P0-130000-10322 |
| Cap | M3-M12 | M3-M16 | M3-M22 |
| n (tr/min) | 400 | 300 | 120/300 |
| Surface de travail | Rmax=1900 mm Rmini=200 mm | | |
| Poids (kg) | 23 | 27 | 39 |
| Couple <max. (Nm) | 32 | 12 | 100 |
| Débit air | 840 | 840 | 935 |
| Adaptateurs livrés | FZS19/... M4,5,6,8,10,12 | FZS31/... M6,8,10,12,14,16 | FZS31/... M6,8,10,12,16,20 |
| Adaptateurs en option | FZS19/M3 | FZS19/...M3,4,5 +FR31/19 | FZS19/...M3,4,5 +FR31/19; FZS31/...M14,18,22 |
| Code | 045745 | 045746 | 045747 |
| prix promo € net ht | 2 497,50 1 332,00 | 3 750,00 2 000,00 | 5 250,00 2 800,00 |

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Fax : 02 38 84 39 63

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magasin.toulouse@techmo.fr
Tél. : 05 61 61 34 35
Fax : 05 61 61 34 44

TECHMO

9, rue Laplace
33700 MERIGNAC
magasin.toulouse@techmo.fr
Tél. : 05 61 61 34 35
Fax : 05 61 61 34 44

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Fax : 05 59 90 08 59

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Fax : 02 38 84 39 63

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72100 LE MANS
magasin@satech.fr
Tél. : 02 43 40 05 05
Fax : 02 43 40 00 99

TARAUDS MACHINE HAUTE PERFORMANCE

| ISO metric thread DIN-13 | | | | | | | | | | 800X | | | FANAR® | | | | | | | | | | | | | | |
|--------------------------|------|-------|-------|-------|-------|------|------|-------|-----------|---|-------------------|-------------------|-------------------|-------------------|-------------------|---|---|---|---|--|--|---|---|---|---|---|---|
| | | | | | | | | | | C-R40-TN | | | B-TN | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Material groups | | | | | | | | | | <table border="1"> <tr><td>P</td><td>M</td><td>K</td></tr> <tr><td>N</td><td>S</td><td>H</td></tr> </table> | | | P | M | K | N | S | H | <table border="1"> <tr><td>P</td><td>M</td><td>K</td></tr> <tr><td>N</td><td>S</td><td>H</td></tr> </table> | | | P | M | K | N | S | H |
| P | M | K | | | | | | | | | | | | | | | | | | | | | | | | | |
| N | S | H | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | M | K | | | | | | | | | | | | | | | | | | | | | | | | | |
| N | S | H | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hole type | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Type of material | | | | | | | | | | HSSE | | | HSSE | | | | | | | | | | | | | | |
| Coating | | | | | | | | | | TN | | | TN | | | | | | | | | | | | | | |
| Chamfer | | | | | | | | | | C / 2-3P | | | B / 4-5P | | | | | | | | | | | | | | |
| M | P | l_1 | l_2 | l_3 | d_2 | a | | INDEX | DIN-371 | | | | | | | | | | | | | | | | | | |
| d_1 | | | | | | | | | C2-513X01 | | | C2-113X01 | | | | | | | | | | | | | | | |
| Tolerance | | | | | | | | | ISO2 (6H) | | | ISO2 (6H) | | | | | | | | | | | | | | | |
| | | | | | | | | | Code | Prix tarif | Promo € net | Code | Prix tarif | Promo € net | | | | | | | | | | | | | |
| M3 | 0,50 | 56 | 10 | 5 | 18 | 3,5 | 2,7 | 2,50 | 0030 | 045751 | 12,71 | 9,24 | 045362 | 11,72 | 8,52 | | | | | | | | | | | | |
| M4 | 0,70 | 63 | 12 | 7 | 21 | 4,5 | 3,4 | 3,30 | 0040 | 045753 | 12,92 | 9,39 | 045364 | 11,90 | 8,65 | | | | | | | | | | | | |
| M5 | 0,80 | 70 | 14 | 8 | 25 | 6,0 | 4,9 | 4,20 | 0050 | 045756 | 13,92 | 10,12 | 045367 | 12,87 | 9,36 | | | | | | | | | | | | |
| M6 | 1,00 | 80 | 18 | 10 | 30 | 6,0 | 4,9 | 5,00 | 0060 | 045758 | 14,37 | 10,45 | 045369 | 13,32 | 9,69 | | | | | | | | | | | | |
| M8 | 1,25 | 90 | 20 | 13 | 35 | 8,0 | 6,2 | 6,80 | 0080 | 045761 | 17,16 | 12,48 | 045372 | 15,93 | 11,59 | | | | | | | | | | | | |
| M10 | 1,50 | 100 | 20 | 15 | 39 | 10,0 | 8,0 | 8,50 | 0100 | 045765 | 22,47 | 16,34 | 045376 | 20,91 | 15,21 | | | | | | | | | | | | |
| MF | P | l_1 | l_2 | l_3 | d_2 | a | | INDEX | DIN-371 | | | | | | | | | | | | | | | | | | |
| d_1 | | | | | | | | | C2-513X01 | | | C2-113X01 | | | | | | | | | | | | | | | |
| Tolerance | | | | | | | | | ISO2 (6H) | | | ISO2 (6H) | | | | | | | | | | | | | | | |
| | | | | | | | | | Code | Prix tarif | Promo € net | Code | Prix tarif | Promo € net | | | | | | | | | | | | | |
| M8x1 | 1,00 | 90 | 20 | 10 | | 6,0 | 4,9 | 7,00 | 0083 | 045492 | 21,29 | 15,48 | 045486 | 19,65 | 14,29 | | | | | | | | | | | | |
| M10x1 | 1,00 | 90 | 20 | 13 | | 7,0 | 5,5 | 9,00 | 0103 | 045493 | 26,00 | 18,91 | 045487 | 24,14 | 17,55 | | | | | | | | | | | | |
| M10x1,25 | 1,25 | 100 | 20 | 15 | | 7,0 | 5,5 | 8,80 | 0104 | 045494 | 29,51 | 21,46 | 045488 | 27,35 | 19,89 | | | | | | | | | | | | |
| M | P | l_1 | l_2 | l_3 | d_2 | a | | INDEX | DIN-376 | | | | | | | | | | | | | | | | | | |
| d_1 | | | | | | | | | C2-513X01 | | | D2-113X01 | | | | | | | | | | | | | | | |
| Tolerance | | | | | | | | | ISO2 (6H) | | | ISO2 (6H) | | | | | | | | | | | | | | | |
| | | | | | | | | | Code | Prix tarif | Promo € net | Code | Prix tarif | Promo € net | | | | | | | | | | | | | |
| M12 | 1,75 | 110 | 24 | 18 | | 9,0 | 7,0 | 10,20 | 0120 | 045778 | 31,38 | 22,82 | 045389 | 29,10 | 21,16 | | | | | | | | | | | | |
| M14 | 2,00 | 110 | 25 | 20 | | 11,0 | 9,0 | 12,00 | 0140 | 045782 | 41,55 | 30,22 | 045393 | 38,45 | 27,96 | | | | | | | | | | | | |
| M16 | 2,00 | 110 | 32 | 20 | | 12,0 | 9,0 | 14,00 | 0160 | 045787 | 44,97 | 32,71 | 045402 | 56,63 | 41,18 | | | | | | | | | | | | |
| M18 | 2,50 | 125 | 32 | 25 | | 14,0 | 11,0 | 15,50 | 0180 | 045790 | 61,16 | 44,48 | 045399 | 41,71 | 30,34 | | | | | | | | | | | | |
| M20 | 2,50 | 140 | 32 | 25 | | 16,0 | 12,0 | 17,50 | 0200 | 045794 | 66,71 | 48,51 | 045406 | 61,85 | 44,98 | | | | | | | | | | | | |
| M22 | 2,50 | 140 | 32 | 25 | | 18,0 | 14,5 | 19,50 | 0220 | 045798 | 90,54 | 65,85 | 045410 | 83,67 | 60,85 | | | | | | | | | | | | |
| M24 | 3,00 | 160 | 38 | 30 | | 18,0 | 14,5 | 21,00 | 0240 | 045802 | 91,43 | 66,49 | 045414 | 85,02 | 61,83 | | | | | | | | | | | | |
| M27 | 3,00 | 160 | 38 | 30 | | 20,0 | 16,0 | 24,00 | 0270 | 045808 | 117,26 | 85,28 | 045420 | 112,23 | 81,62 | | | | | | | | | | | | |
| M30 | 3,50 | 180 | 40 | 35 | | 22,0 | 18,0 | 26,50 | 0300 | 045813 | 137,64 | 100,10 | 045425 | 127,68 | 92,86 | | | | | | | | | | | | |
| M33 | 3,50 | 180 | 45 | 35 | | 25,0 | 20,0 | 29,50 | 0330 | 045818 | 188,57 | 137,14 | 045430 | 183,27 | 133,29 | | | | | | | | | | | | |
| M36 | 4,00 | 200 | 50 | 40 | | 28,0 | 22,0 | 32,00 | 0360 | 045823 | 266,78 | 194,02 | 045435 | 246,80 | 179,49 | | | | | | | | | | | | |
| MF | P | l_1 | l_2 | l_3 | d_2 | a | | INDEX | DIN-374 | | | | | | | | | | | | | | | | | | |
| d_1 | | | | | | | | | C2-513X01 | | | D2-113X01 | | | | | | | | | | | | | | | |
| Tolerance | | | | | | | | | ISO2 (6H) | | | ISO2 (6H) | | | | | | | | | | | | | | | |
| | | | | | | | | | Code | Prix tarif | Promo € net | Code | Prix tarif | Promo € net | | | | | | | | | | | | | |
| M12x1,5 | 1,50 | 100 | 20 | 5 | | 9,0 | 7,0 | 10,50 | 0125 | 045495 | 36,32 | 26,41 | 045489 | 33,63 | 24,46 | | | | | | | | | | | | |
| M14x1,5 | 1,50 | 100 | 20 | 7 | | 11,0 | 9,0 | 12,50 | 0145 | 045496 | 48,33 | 35,15 | 045490 | 44,63 | 32,45 | | | | | | | | | | | | |
| M16x1,5 | 1,50 | 100 | 20 | 8 | | 12,0 | 9,0 | 14,50 | 0165 | 045497 | 50,46 | 36,70 | 045491 | 46,65 | 33,93 | | | | | | | | | | | | |