




HF - Variable helix




HF

 Solid carbide end mills featuring double variable helix for an efficient reduction of vibration, allowing very high feed and enabling to cut 1xD slots in a single pass.

 Frese in metallo duro integrale con geometria a doppia elica variabile per l'assorbimento delle vibrazioni: altissimi avanzamenti e taglio di cave 1xD in un'unica passata.

 Die Vollhartmetallfräser mit ungleicher Winkelteilung der Schneiden sind optimal geeignet um Vibrationen aufzunehmen: mit sehr hohen Vorschüben machen Sie eine Nut 1xD mit nur einem Schnitt.

 Fraises carbure monobloc à double hélice variable pour l'élimination des vibrations: avance très haute et réalisation de rainures 1xD dans une seule passe.



PV30 COATING
MICROGRAIN VARIABLE HELIX

VARIABLE HELIX · ELICA DISEGUALE
UNGLEICHE SPIRALE · HÉLICE VARIABLE

| | |
|----------|-----------------------|
| | OSAWA NORM |
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HF400 - HF410R

| | |
|----------|---------|
| Ø mm | 3-25 |
| tol. D µ | 0 / -30 |



| | | |
|--|-------------|-------------|
| | | |
| | MG | MG |
| | PV30 | PV30 |
| | HF | HF |
| | | |

| D | d(h6) | l | L | Stock | Stock |
|-------|--------|----|----|-------|-------|
| mm. 3 | xR0.31 | 6 | 8 | 57 | ● |
| 3 | | 6 | 8 | 57 | ● |
| 4 | xR0.31 | 6 | 11 | 57 | ● |
| 4 | | 6 | 11 | 57 | ● |
| 5 | xR0.31 | 6 | 13 | 57 | ● |
| 5 | | 6 | 13 | 57 | ● |
| 6 | xR0.45 | 6 | 13 | 57 | ● |
| 6 | | 6 | 13 | 57 | ● |
| 8 | xR0.45 | 8 | 19 | 63 | ● |
| 8 | | 8 | 19 | 63 | ● |
| 10 | xR0.45 | 10 | 22 | 72 | ● |
| 10 | | 10 | 22 | 72 | ● |
| 12 | xR0.70 | 12 | 26 | 83 | ● |
| 12 | | 12 | 26 | 83 | ● |
| 14 | xR0.70 | 14 | 26 | 83 | ● |
| 14 | | 14 | 26 | 83 | ● |
| 16 | xR0.95 | 16 | 32 | 92 | ● |
| 16 | | 16 | 32 | 92 | ● |
| 18 | xR0.95 | 18 | 32 | 92 | ● |
| 18 | | 18 | 32 | 92 | ● |
| 20 | xR0.95 | 20 | 38 | 104 | ● |
| 20 | | 20 | 38 | 104 | ● |
| 25 | xR0.95 | 25 | 38 | 104 | ○ |
| 25 | | 25 | 38 | 104 | ○ |

● stock standard ○ non-standard stock EX stock exhaustion