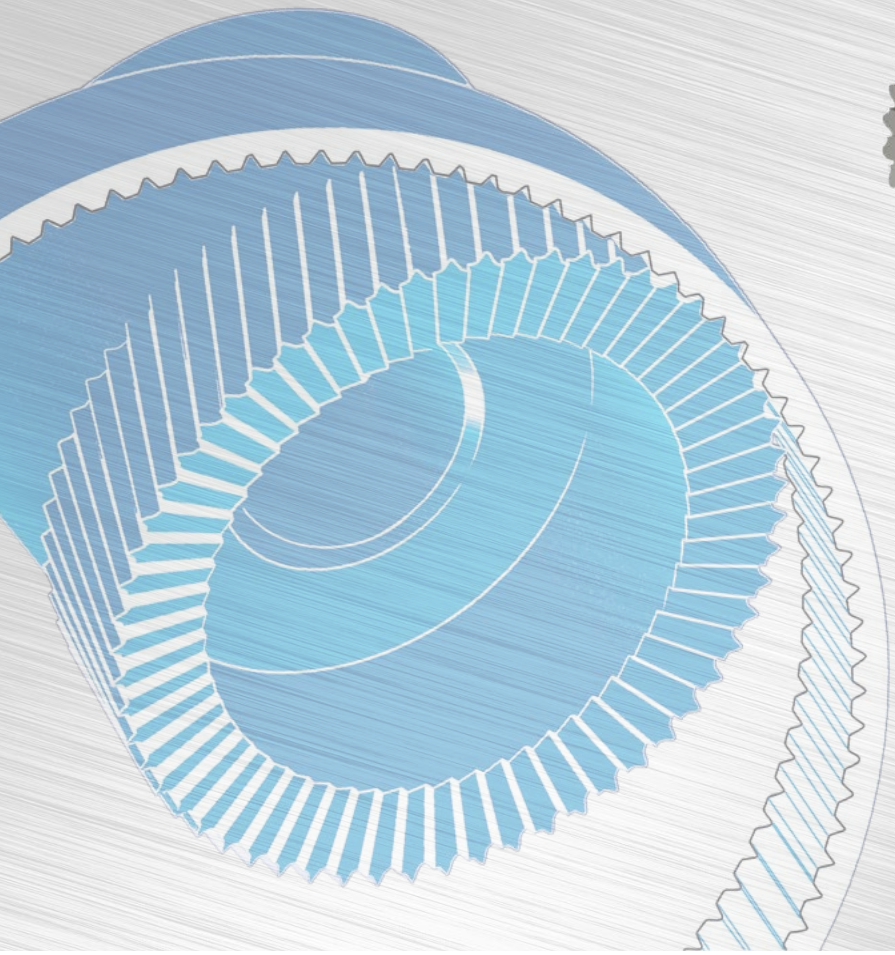
DIAMETAL®

Swiss Cutting Tool

DIA skiving

Le nouveau standard pour les outils Power skiving

Il nuovo standard per gli utensili Power skiving



simply Different

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DIA skiving

SOLUTION POUR MICRO-ENGRENAGES

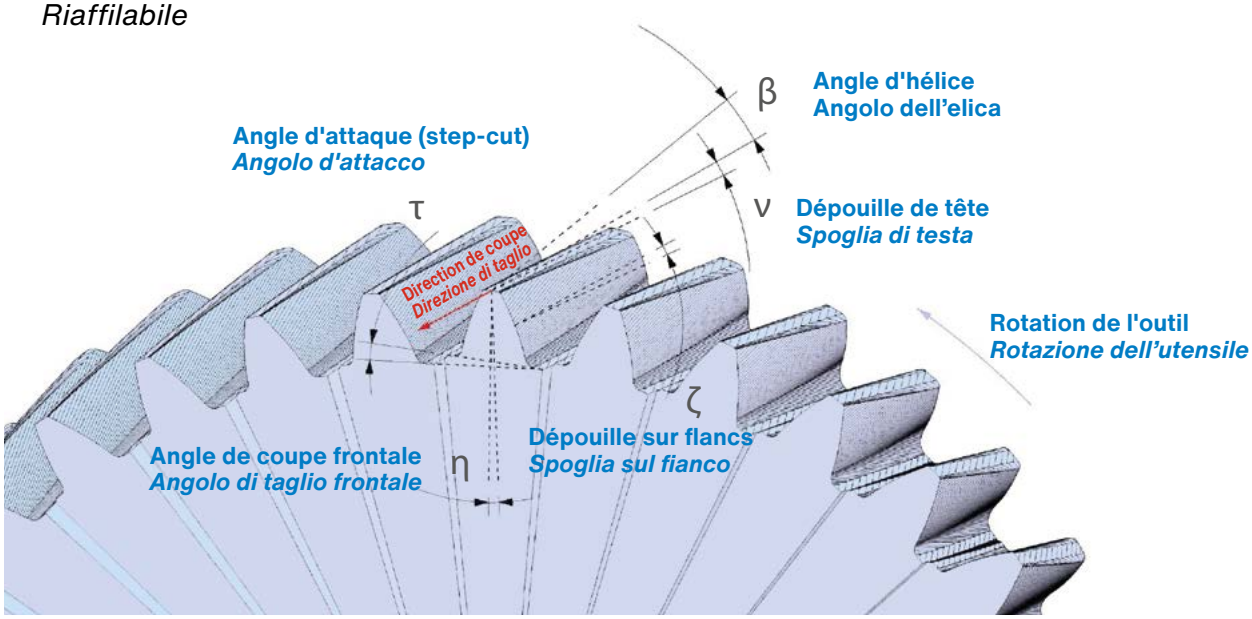
Soluzioni per micro-ingranaggi

- Dès Module ≥ 0.030
  Da modulo ≥ 0.030
- En Carbure
  In metallo duro
- Aucune limitation dans la géométrie des profils de dentures
  Nessuna limitazione nella geometria dei profili delle dentature
- Challenge technologique
  Challenge tecnologico
- Exécution alésée ou arbrée
  Esecuzione con foro o integrale
- Revêtement
  Rivestimento

MINIATURISATION DANS LES RÈGLES DE L'ART

Miniaturizzazione allo stato dell'arte

- Exécutions TOPPING - NO TOPPING - SEMI-TOPPING
  Esecuzioni TOPPING – NO TOPPING – SEMI-TOPPING
- Qualité selon DIN1829
  Qualità secondo DIN 1829
- Angles adaptables pour toutes les matières à usiner
  Angoli adattabili per tutti i materiali da lavorare
- Réaffûtable
  Riaffilabile



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TYPES DE PIÈCES
Tipi di pezzi

- Dès Module ≥ 0.030
  Da modulo ≥ 0.030
- Dentures intérieures, extérieures, frontales / droites ou hélicoïdales
  Dentatura interna, esterna o a corona / dritta o elicoidale
- Profils normalisés (DIN, AGMA, NIHS, ...) ou spéciaux (Harmonic Drive, ...)
  Profili standard (DIN, AGMA, NIHS, ...) o profili speciali (Harmonic Drive, ...)

CHAINE TECHNOLOGIQUE
Catena tecnologica

Client
Cliente

Données pièces, profil, paramètres machines
Dati del pezzo, profilo, parametri macchina

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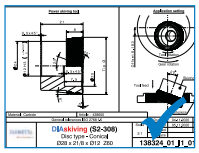
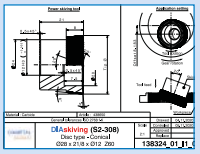
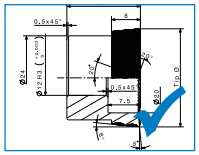
Analyse technique
Analisi tecnica



Acceptation de l'étude
Accettazione dello studio di fattibilità



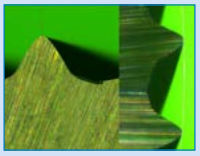
Etude de faisabilité, dessin et CAD
Studio di fattibilità, disegno e CAD



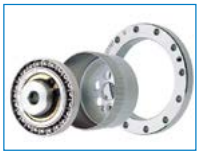
Validation du dessin
Validazione del disegno

Fabrication de l'outil
Fabbricazione dell'utensile

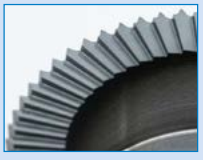
Usinage pièces
Lavorazione del pezzo



Contrôle de l'outil
Controllo dell'utensile



Application client
Applicazione cliente



Réaffûtage et revêtement
Riaffilatura e rivestimento

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BEST IN APPLICATION AND EXPERTISE

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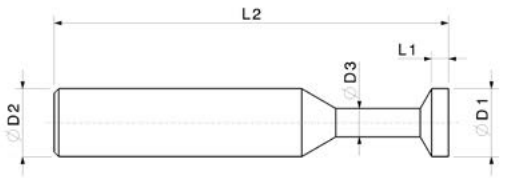
LE NOUVEAU STANDARD POUR LES OUTILS POWER SKIVING
IL NUOVO STANDARD PER GLI UTENSILI POWER SKIVING

- Ebauches standards DIAskiving en carbure de stock
  Grezzi standard in metallo duro DIAskiving a magazzino
- Profil outil adapté sur mesure aux ébauches
  Profilo utensile adattato su misura ai grezzi
- Diamètre de tête de coupe jusqu'à Ø40
  Diametro di testa di taglio fino a Ø40
- Outil sur tige en carbure monobloc ou version bague alésée en carbure
  Utensile con gambo in metallo duro integrale oppure boccola alesata in metallo duro
- Bagues alésées fournies avec tasseau en acier rapide et système de fixation correspondant (vis et clé)
  Boccole alesate fornite con gambo in acciaio rapido e il relativo sistema di fissaggio (vite e chiave)
- Outils livrés dans un packaging sur mesure en bois de haute qualité
  Utensili forniti in una confezione personalizzata di legno di alta qualità.



Type Tipo	L1	D2	L2	D3	Art. No
D1 < 6	1.5	6	60	3.0	**444224**
6 ≤ D1 < 12	3.0	12	70	5.0	**444226**
12 ≤ D1 < 18	4.0	18	80	7.5	**444227**

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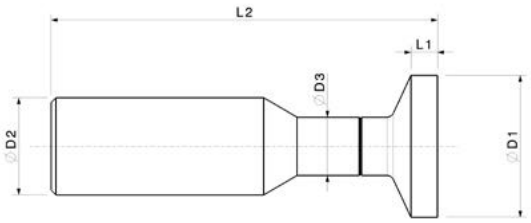
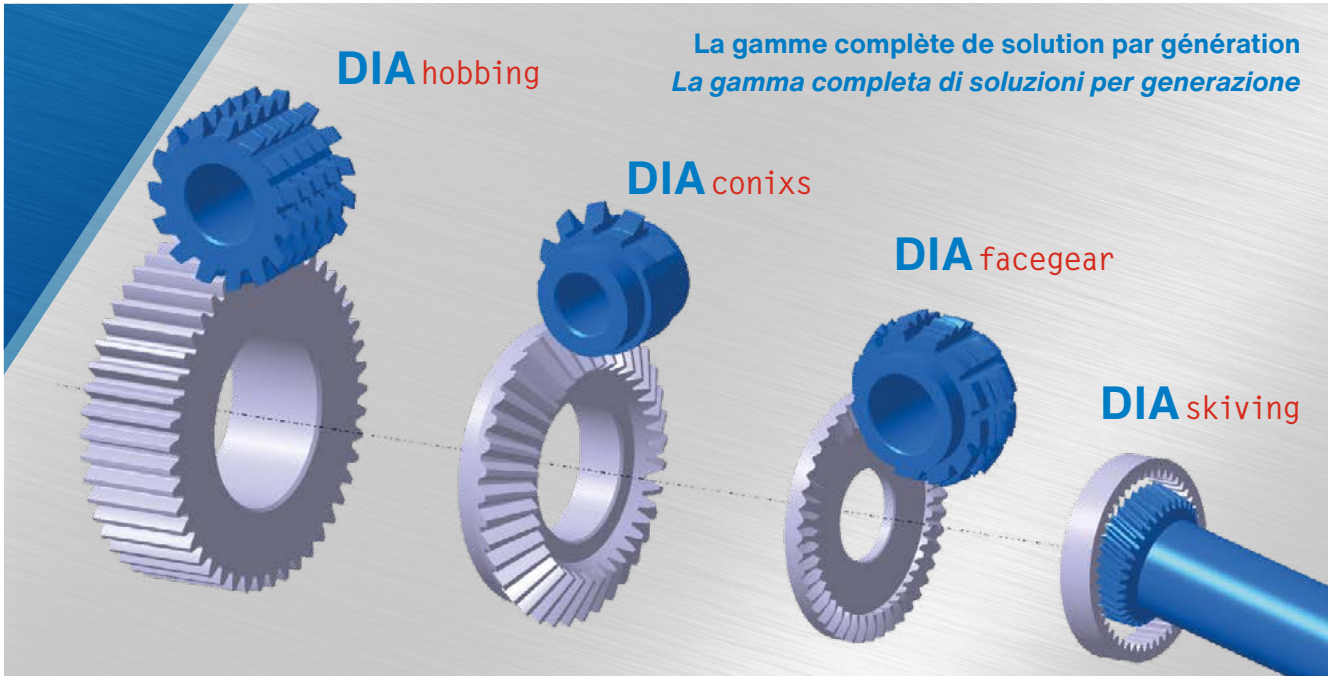
LE NOUVEAU STANDARD POUR LES OUTILS POWER SKIVING
IL NUOVO STANDARD PER GLI UTENSILI POWER SKIVING



Type Tipo	L1	D2	L2	D3	Art. No
18 ≤ D1 < 23	5.0	20	80	12.0	**444221**
23 ≤ D1 < 29	5.0	20	80	12.0	**444091**
29 ≤ D1 < 34	8.0	20	100	20.0	**444222**
34 ≤ D1 < 40	8.0	20	100	20.0	**444223**



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