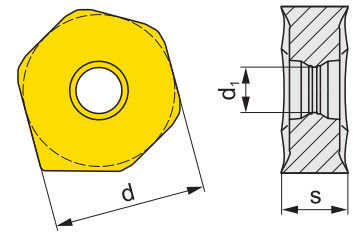
XNGX



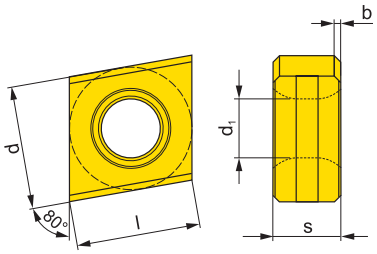
Dimensioni Dimensions	d	s	d_1			
0604	10,500	5,260	3,70			
0906	16,500	6,350	4,90			

Dimensioni [mm]. / Dimensions [mm].

Frese vedi pagine / See tools on pages: 14, 16, 18, 20

Geometria Geometry	ISO	Qualità / Grade		Raggio Radius	Avanzamento al dente Feed per tooth		Profondità di taglio Cutting depth	
		8215	8230	r_ε	f_{min}	f_{max}	$a_{p\,min}$	$a_{p\,max}$
	**XNGX 0604ANSN**	●			0,13	0,25	0,7	3,0
	XNGX 0906ANSN	●	○		0,17	0,50	0,8	5,0

XNHQ



Dimensioni Dimensions	(l)	d	s	d_1	b	
1205	12,700	10,000	5,40	4,70	0,5 x 45°	
1606	16,000	12,000	6,40	5,90	0,5 x 45°	

Dimensioni [mm]. / Dimensions [mm].

Frese vedi pagine / See tools on pages: 112, 114

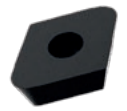
Geometria Geometry	ISO	Qualità / Grade		Raggio Radius	Avanzamento al dente Feed per tooth		Profondità di taglio Cutting depth	
		8230	8240	r_ε	f_{min}	f_{max}	$a_{p\,min}$	$a_{p\,max}$
	**XNHQ 1205AZTN**	●	●		0,10	0,50	-	-
	XNHQ 1606AZTN	○	●		0,10	0,60	-	-

● standard in stock / ○ standard non in stock, ■ standard in stock dal 01/04/2014 / □ standard non in stock dal 01/04/2014
● stocked as standard / ○ not stocked as standard, ■ stocked as standard from 1.4.2014 / □ not stocked as standard from 1.4.2014
Vedere il listino prezzi per l'assortimento degli standard effettivamente in stock. / See price list for current availability.

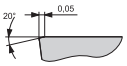
XDHW

Geometria / Geometry: XDHW

Inserti / Insert



Profilo del tagliente / Profile of cutting edge

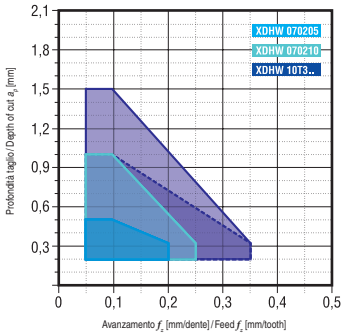


Gruppo del materiale / Workpiece material group

Fresatura / Milling: P M K N S H

	P	M	K	N	S	H
Leggera / Finishing	◥	□	■			■
Media / Medium	◥	□	■			■
Sgrossatura / Roughing						

Diagramma di applicazione / Diagram of application



Descrizione / Description

Utilizzo inserto / Applies to inserts:
XDHW 0702.., XDHW 10T3..

- geometria neutra
- idonea per la lavorazione dei gruppi di materiali K e H; può essere usata anche con il gruppo di materiali P e potenzialmente con il gruppo M
- dimensione 07 con raggi di 0,5, 1 e 2 mm
- dimensione 10 (con tagliente smussato) con raggi 1,0 e 1,5 mm

- geometry with a zero face angle
- suitable for machining material groups K and H; can also be used with material group P and potentially group M
- size 07 with radii of 0.5, 1 and 2 mm
- size 10 (with chamfered edge) with radii 1.0 and 1.5 mm

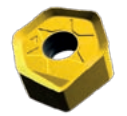
Utilizzo inserto / Range of cutting conditions:

f_z	secondo le dimensioni dell'inserto / according to dimension of cutting insert
a_p	secondo le dimensioni dell'inserto / according to dimension of cutting insert

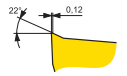
XNGX 06

Geometria / Geometry: XNGX 06

Inserti / Insert



Profilo del tagliente / Profile of cutting edge

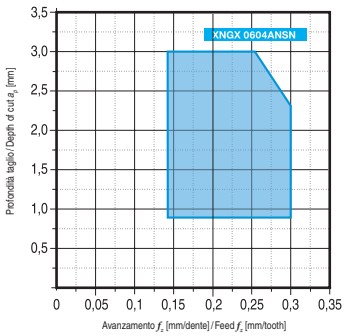


Gruppo del materiale / Workpiece material group

Fresatura / Milling: P M K N S H

	P	M	K	N	S	H
Lehké / Finishing	■		■			
Střední / Medium	■		■			
Těžké / Roughing	□		□			

Diagramma di applicazione / Diagram of application



Descrizione / Description

Použité u VBD / Applies to inserts:
XNGX 0604ANSN

- geometria Wiper
- adatta per la lavorazione dei materiali dei gruppi P e K
- specialmente adatta per lavorazioni di finitura medio - leggere

- smooth geometry
- suitable for machining material groups P and K
- particularly suited to finishing and medium machining

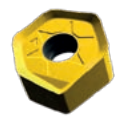
Utilizzo inserto / Range of cutting conditions:

f_z	0,13 ÷ 0,3 [mm/dente] / [mm/tooth]
a_p	0,7 ÷ 3,0 [mm]

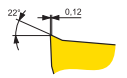
XNGX 09

Geometria / Geometry: XNGX 09

Inserti / Insert



Profilo del tagliente / Profile of cutting edge

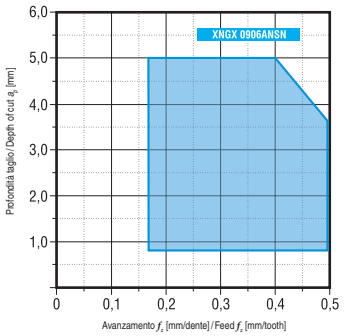


Gruppo del materiale / Workpiece material group

Fresatura / Milling: P M K N S H

	P	M	K	N	S	H
Leggera / Finishing	■		■			
Media / Medium	■		■			
Sgrossatura / Roughing	□		□			

Diagramma di applicazione / Diagram of application



Descrizione / Description

Utilizzo inserto / Applies to inserts:
XNGX 0906ANSN

- geometria Wiper
- adatta per la lavorazione dei materiali gruppi P e K
- specialmente adatta per lavorazioni medio - leggere

- smoothing geometry
- suitable for machining material groups P and K
- suited to light and medium milling

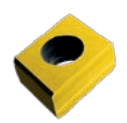
Utilizzo inserto / Range of cutting conditions:

f_z	0,17 ÷ 0,5 [mm/dente] / [mm/tooth]
a_p	0,8 ÷ 5,0 [mm]

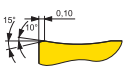
XNHQ

Geometria / Geometry: XNHQ

Inserti / Insert



Profilo del tagliente / Profile of cutting edge

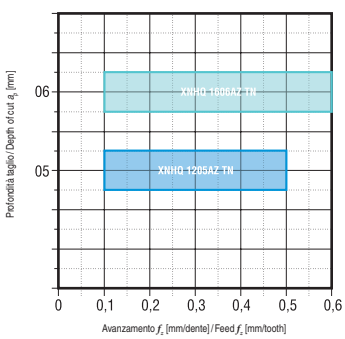


Gruppo del materiale / Workpiece material group

Fresatura / Milling: P M K N S H

	P	M	K	N	S	H
Leggera / Finishing	■	■	■	□	◥	□
Media / Medium	■	■	■	□	◥	□
Sgrossatura / Roughing	■	■	■	□	◥	□

Diagramma di applicazione / Diagram of application



Descrizione / Description

Utilizzo inserto / Applies to inserts:
XNHQ 1205AZ TN, XNHQ 1606AZ TN

- geometria di taglio universale
- adatta per la fresatura dei materiali dei gruppi P, M, K e S
- destinata per lavorazioni leggere, medie o pesante

- universal cutting geometry
- suitable for machining material groups P, M, K, and S
- suited to light, medium and heavy milling

Utilizzo inserto / Range of cutting conditions:

f_z	secondo le dimensioni dell'inserto / according to dimension of cutting insert
a_p	-

■ Applicazione principale ◥ Applicazione secondaria □ Applicazione possibile
■ Main application ◥ Secondary application □ Supplementary application