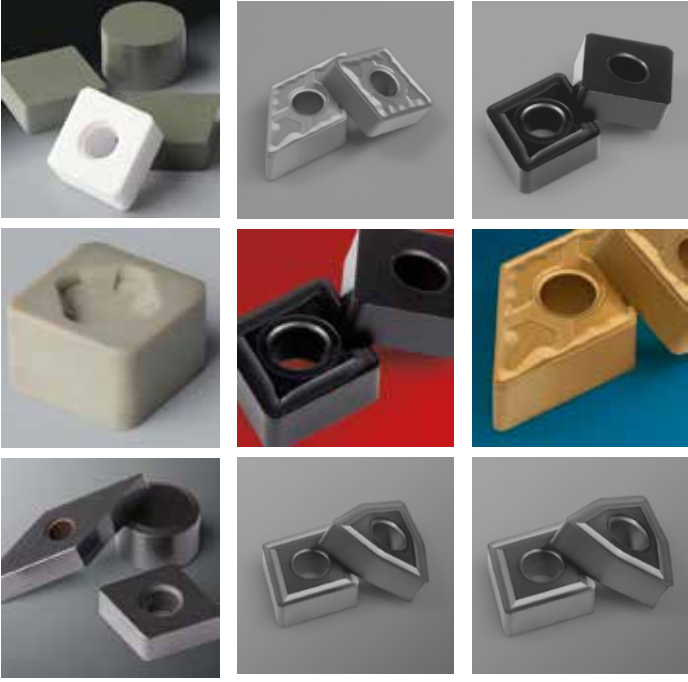
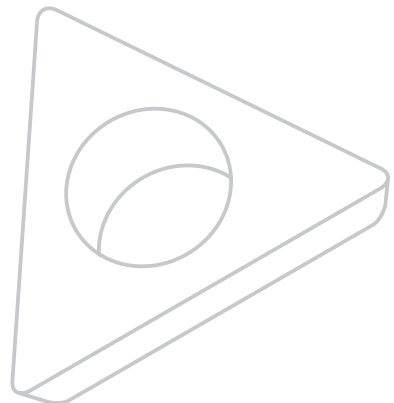
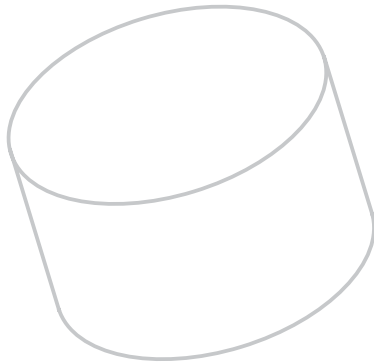
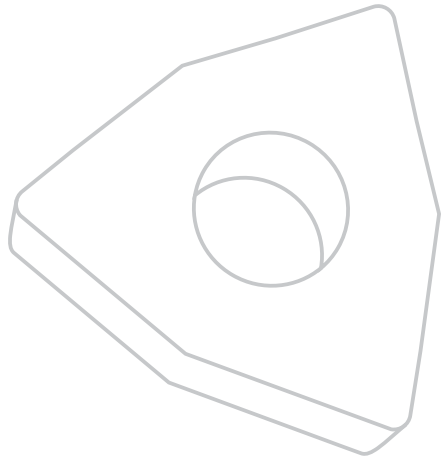
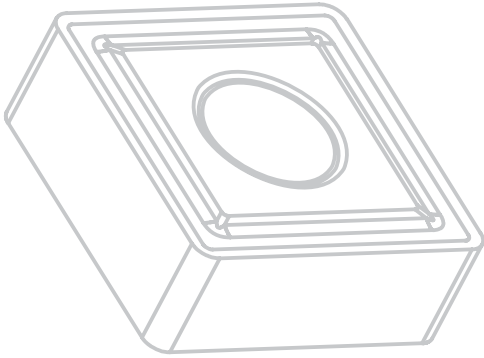
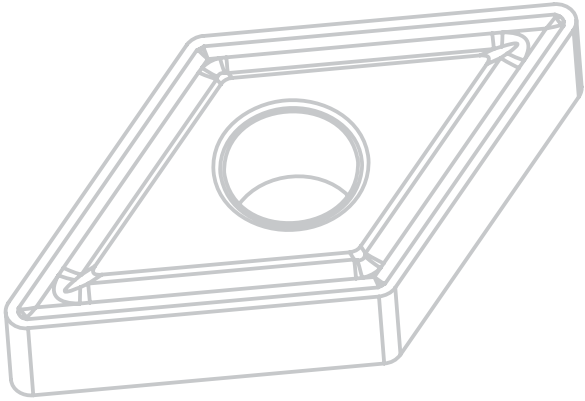
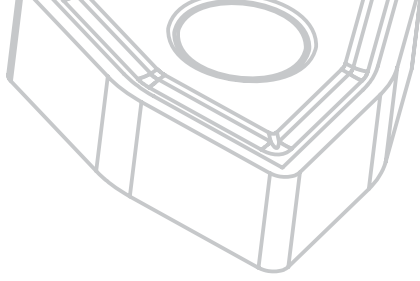


nikkoTOOLS

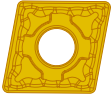







FLORENZ
utensileria **SR**


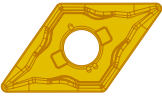






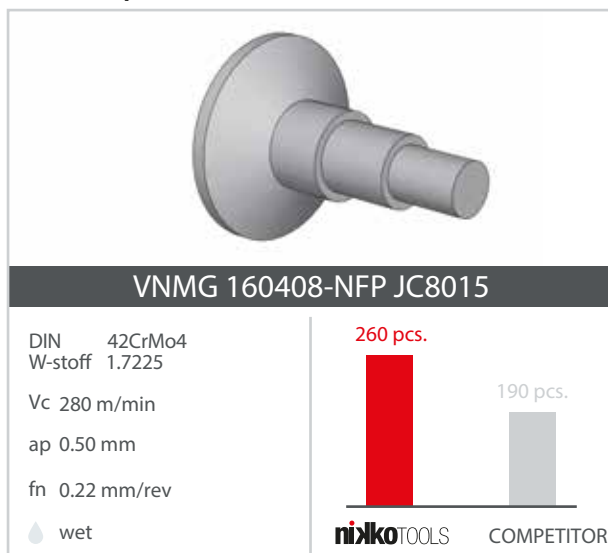
ISO P NEGATIVI

Descrizione		JC8015		JC8025		JC8035	
		€ net	Q.ty	€ net	Q.ty	€ net	Q.ty
	CNMG	120404-NFP	3,56		3,56		3,56
		120408-NFP	3,56		3,56		3,56
		120412-NFP	3,56		3,56		3,56
	CNMG	120404-NMP	3,56		3,56		3,56
		120408-NMP	3,56		3,56		3,56
		120412-NMP	3,56		3,56		3,56
	CNMG	160612-NMP	5,68		5,68		5,68
		160616-NMP	5,68		5,68		5,68
	DNMG	110404-NFP	3,41		3,41		3,41
		110408-NFP	3,41		3,41		3,41
	DNMG	150604-NFP	4,84		4,84		4,84
		150608-NFP	4,84		4,84		4,84
	DNMG	110404-NMP	3,41		3,41		3,41
		110408-NMP	3,41		3,41		3,41
	DNMG	150604-NMP	4,84		4,84		4,84
		150608-NMP	4,84		4,84		4,84
		150612-NMP	4,84		4,84		4,84
		150616-NMP	4,84		4,84		4,84
	SNMG	120404-NFP	3,56		3,56		3,56
		120408-NFP	3,56		3,56		3,56
	SNMG	120404-NMP	3,56		3,56		3,56
		120408-NMP	3,56		3,56		3,56
		120412-NMP	3,56		3,56		3,56
	TNMG	160404-NFP	3,08		3,08		3,08
		160408-NFP	3,08		3,08		3,08
	TNMG	160404-NMP	3,08		3,08		3,08
		160408-NMP	3,08		3,08		3,08
		160412-NMP	3,08		3,08		3,08
	TNMG	220408-NMP	4,36		4,36		4,36
220412-NMP		4,36		4,36		4,36	
	VNMG	160404-NFP	6,36		6,36		6,36
		160408-NFP	6,36		6,36		6,36
	VNMG	160404-NMP	6,36		6,36		6,36
		160408-NMP	6,36		6,36		6,36
		160412-NMP	6,36		6,36		6,36
	WNMG	060404-NFP	2,96		2,96		2,96
		060408-NFP	2,96		2,96		2,96
	WNMG	080404-NFP	3,72		3,72		3,72
		080408-NFP	3,72		3,72		3,72
	WNMG	060404-NMP	2,96		2,96		2,96
		060408-NMP	2,96		2,96		2,96
	WNMG	080404-NMP	3,72		3,72		3,72
		080408-NMP	3,72		3,72		3,72
080412-NMP		3,72		3,72		3,72	
		080416-NMP	3,72		3,72		3,72

ISO P POSITIVI

Descrizione		JP5015		JP5025	
		P	M	P	M
		€ net	Q.ty	€ net	Q.ty
	CCMT	060202-PMU		2,48	
		060204-PMU		2,48	
		060208-PMU		2,48	
	CCMT	09T302-PMU		2,88	
		09T304-PMU		2,88	
		09T309-PMU		2,88	
	CCMT	120408-PMU		3,81	
	DCMT	070202-PMU		2,52	
		070204-PMU		2,52	
		070208-PMU		2,52	
	DCMT	11T302-PMU		3,12	
		11T304-PMU		3,12	
		11T308-PMU		3,12	
	TCMT	090204-PMU		2,48	
	TCMT	110202-PMU		2,61	
		110204-PMU		2,61	
		110208-PMU		2,61	
	TCMT	16T304-PMU		3,32	
		16T308-PMU		3,32	
	VCMT	110304-PMU		3,8	
	VCMT	160404-PMU		4,44	
		160408-PMU		4,44	

Test Report 1

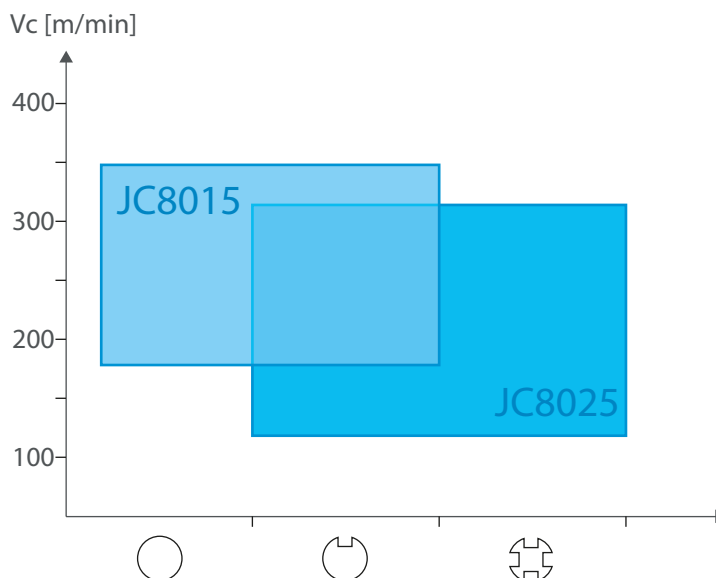


Test Report 2



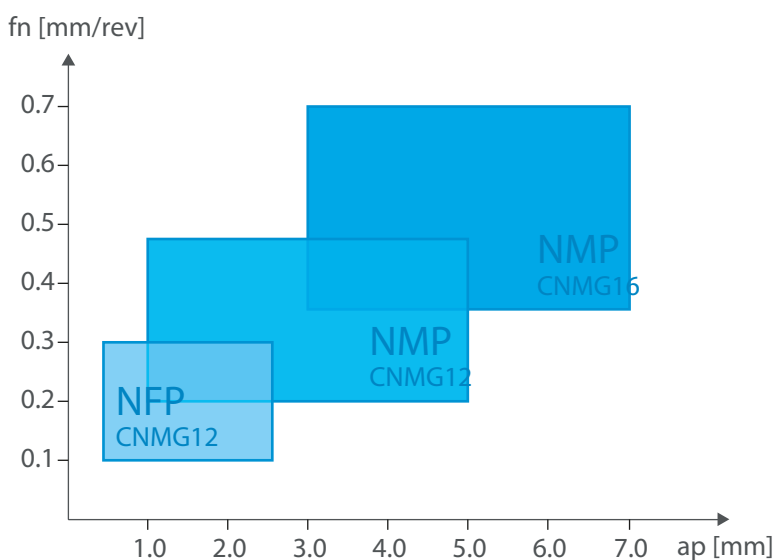
Grades

Gradi
Grade
Nuances



Chipbreakers

Rompitruccioli
Spanbrecher
Brise-copeaux



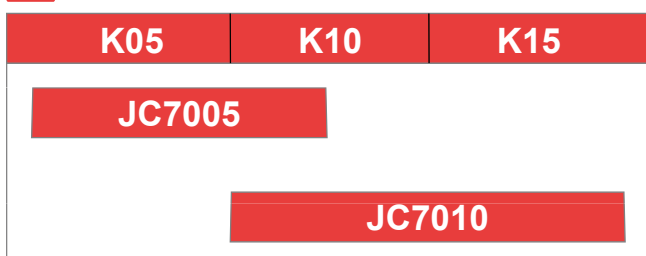
Cutting parameters

Parametri di taglio
Nut Schnittparameter
Paramètres de coupe

		JC8015	JC8025
Low carbon and free cutting steel Acciai a basso tenore di carbonio ed automatici Kohlenstoffarme Stähle Aciers bas carbone et pour décolletage	Vc [m/min]	250~350	200~320
Carbon steel Acciai al carbonio Kohlenstoff Stähle Aciers carbone	Vc [m/min]	220~300	150~260
Alloy steel Acciai legati Legierte Stähle Aciers alliés	Vc [m/min]	180~250	120~220

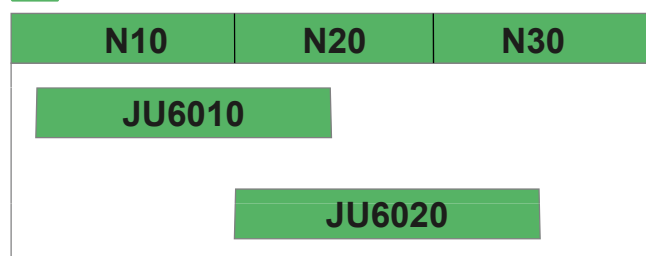
Sviluppi futuri

K



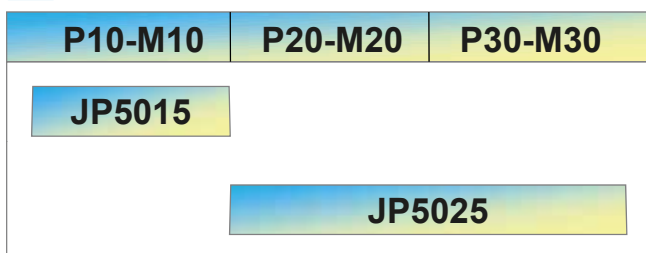
Lancio: 1° semestre 2013

N



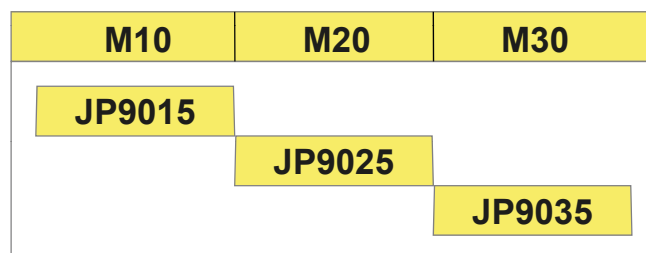
Lancio: 1° semestre 2013

P M

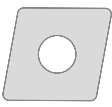
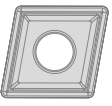
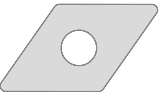
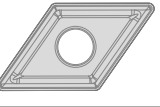
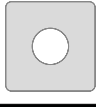
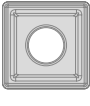
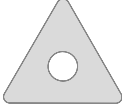

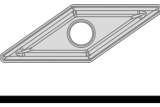




Lancio: 1° semestre 2013

M



Lancio: 2° semestre 2013

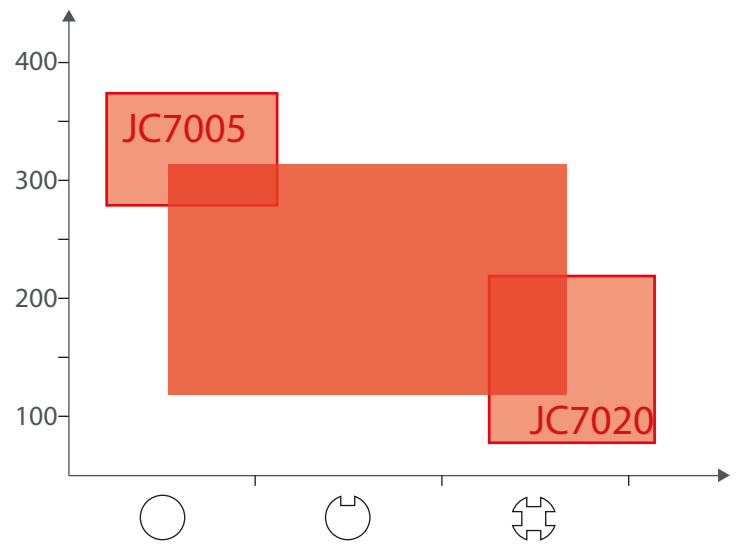
Descrizione		JC7005		JC7010		JC7020	
		€ net	Q.ty	€ net	Q.ty	€ net	Q.ty
	CNMA	120408-000	3,56		3,56		3,56
		120412-000	3,56		3,56		3,56
		120416-000			3,56		
	CNMA	160612-000			5,68		
		160616-000			5,68		
	CNMG	120404-NMK			3,56		
		120408-NMK	3,56		3,56		3,56
		120412-NMK	3,56		3,56		3,56
		120416-NMK			3,56		
	CNMG	160612-NMK	5,68		5,68		5,68
		160616-NMK	5,68		5,68		5,68
	DNMA	150608-000			4,84		
		150612-000			4,84		
	DNMG	150604-NMK			4,84		
		150608-NMK			4,84		
		150612-NMK			4,84		
	SNMA	120408-000			3,56		
		120412-000			3,56		
	SNMG	120408-NMK			3,56		
		120412-NMK			3,56		
	TNMA	160408-000			3,08		
		160412-000			3,08		
	TNMA	220412-000			4,36		
	TNMG	160404-NMK			3,08		
		160408-NMK			3,08		
		160412-NMK			3,08		
	TNMG	220412-NMK			4,36		
	VNMG	160404-NMK			6,36		
		160408-NMK			6,36		
		160412-NMK			6,36		
	WNMA	080408-000			3,72		
		080412-000			3,72		
	WNMG	080408-NMK	3,72		3,72		3,72
		080412-NMK	3,72		3,72		3,72

ISO K

Grades

Gradi
Grade
Nuances

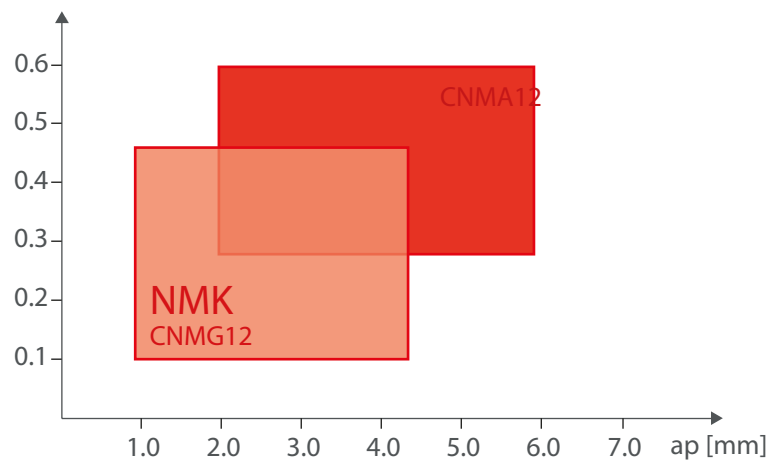
Vc [m/min]



Chipbreakers

Rompitrucioli
Spanbrecher
Brise-copeaux

fn [mm/rev]



Cutting parameters

Parametri di taglio
Nut Schnittparameter
Paramètres de coupe

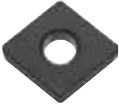
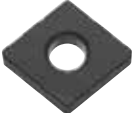
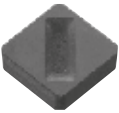
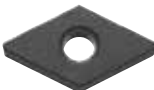






	JC7005	JC7010	JC7020
Gray cast iron Ghisa grigia Grauguss Fonte grise	Vc [m/min] 230~350	180~300	150~260
Nodular cast iron Ghisa sferoidale Sphäroguss Fonte nodulaire	Vc [m/min] 170~280	140~250	100~220

Test Report 1






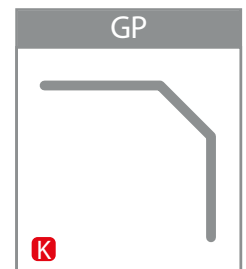
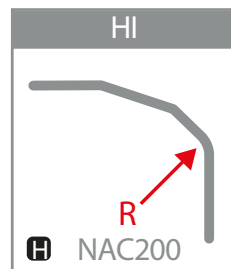
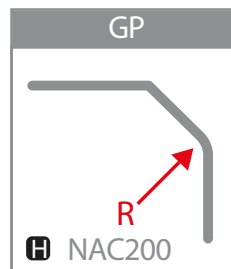
Test Report 2



Descrizione		NAC200		NSN400	
		H		K	
		€ net	Q.ty	€ net	Q.ty
	CCGW	120408-GP			12,36
		120412-GP			12,36
	CNGA	120404-CC	5,71		
		120408-CC	5,71		
		120412-CC	5,71		
	CNGA	120404-GP	5,71		
		120408-GP	5,71		
		120412-GP	5,71		
	CNMA	120408-GP			6,81
		120412-GP			6,81
		120416-GP			6,81
		CNGA	160612-GP		
		160616-GP			
	CNMX	120712-GP			10,41
		120716-GP			10,41
	DNGA	150604-CC	8,16		
		150608-CC	8,16		
		150612-CC	8,16		
	DNGA	150604-GP	8,16		
		150608-GP	8,16		
		150612-GP	8,16		
	DNMA	150608-GP			12,21
		150612-GP			12,21
	RCGX	060700-GP	14,61		
	RCGX	090700-HI	14,61		
	RCGX	120700-HI	14,61		
	RNGN	120700-HI	7,46		
	SNGA	120404-CC	5,16		
		120408-CC	5,16		
		120412-CC	5,16		
	SNGA	120404-GP	5,16		
		120408-GP	5,16		
		120412-GP	5,16		
	SNMA	120408-GP			6,71
		120412-GP			6,71
	SNMN	120412-GP			6,71
		120416-GP			6,71
	SNMX	120712-GP			9,46
		120716-GP			9,46
		160404-CC	5,91		
		160408-CC	5,91		
		160412-CC	5,91		
	TNGA	160404-GP	5,91		
		160408-GP	5,91		8,61
		160412-GP	5,91		8,61

CERAMIC

Descrizione		NAC200		NSN400		
		H		K		
		€ net	Q.ty	€ net	Q.ty	
	TPGN	110302-CC	5,51			
		110304-CC	5,51			
		110308-CC	5,51			
	TPGN	110302-GP	5,51			
		110304-GP	5,51			
		110308-GP	5,51		8,26	
	TPGN	160304-CC	6,21			
		160308-CC	6,21			
	TPGN	160304-GP	6,21			
		160308-GP	6,21		9,31	
		160312-GP			9,31	
		VNGA	160404-CC	9,61		
160408-CC			9,61			
VNGA		160404-GP	9,61		15,95	
		160408-GP	9,61		15,95	
	WNGA	080404-CC	7,16			
		080408-CC	7,16			
		080412-CC	7,16			
	WNGA	080404-GP	7,16			
		080408-GP	7,16		12,91	
		080412-GP	7,16		12,91	



NAC200

Al₂O₃+TiCN

- HARDENED STEEL: FINISHING AND SEMI FINISHING.
- GOOD SURFACE FINISHING THANKS TO THE SUB MICROGRAIN STRUCTURE.
- EXCELLENT THERMAL SHOCK RESISTANCE.

- | | | |
|---|--|--|
| <ul style="list-style-type: none"> · Finitura e media asportazione su acciai temprati. · Buona rugosità superficiale grazie alla struttura micrograna. · Eccellente resistenza agli shock termici. | <ul style="list-style-type: none"> · Feinbearbeitung und mittleres Schruppen auf gehärteten Stählen. · Gute Oberflächenrauigkeit Dank der Mikrokörnung. · Sehr gute Wärmeschock-Widerstandsfähigkeit. | <ul style="list-style-type: none"> · Finition et moyenne finition sur aciers trempés. · Bonne rugosité grâce à la structure micro grain. · Excellente résistance aux shocks thermiques. |
|---|--|--|

NSN400

Si₃N₄

- GRAY CAST IRON: ROUGHING AND HEAVY INTERRUPTED OPERATION.
- EXCELLENT STABILITY IN HIGH SPEED CUTTING.
- AVAILABLE FOR BOTH WET AND DRY MACHINING.

- | | | |
|---|--|--|
| <ul style="list-style-type: none"> · Sgrossatura e taglio fortemente interrotto di ghisa grigia. · Eccellente stabilità ad alte velocità di taglio. · Utilizzabile sia a secco che con refrigerante. | <ul style="list-style-type: none"> · Schruppen und stark unterbrochener Schnitt auf Guss. · Sehr gute Stabilität bei hohen Geschwindigkeiten. · Kann trocken und mit Kühlmittel verwendet werden. | <ul style="list-style-type: none"> · Ébauche et coupe fortement interrompue sur fonte grise. · Excellente stabilité à haute vitesse de coupe. · Peut être employé soit en sec soit avec arrosage. |
|---|--|--|

MATERIAL · MATERIALE WERKSTOFF · MATIÈRE		APPLICATION · APPLICAZIONI ANWENDUNGEN · APPLICATION			GRADES · GRADI GRADE · NUANCES	V _c [m/min]	f [mm/rev]
		ap [mm]		HRC			
H	Hardened steel Acciaio temprato Gehärteter Stahl Acier trempé	0.1~0.5	○ ⊕	50~55	NAC200 (Al ₂ O ₃ +TiCN)	140~220	0.05~0.2
				55~60		80~180	
				60~65		60~120	
		0.5~2.0	○ ⊕	50~55	NAC200 (Al ₂ O ₃ +TiCN)	70~110	
				55~60		40~90	
				60~65		30~60	
K	Cast iron · Ghisa Guss · Fonte	0.2~0.5	○ ⊕ ⊕	-	NAC200 (Al ₂ O ₃ +TiCN)	300~700	0.08~0.25
		1.0~4.0		-		NSN400 (Si ₃ N ₄)	



*maschi e frese
punte a cannone
strumenti di misura
nastro temprato
acciai inox*

Paolo 338.4770368
Leonardo 339.1138675

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