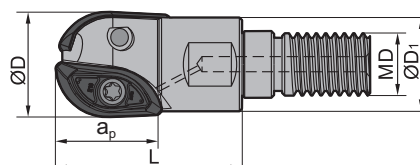
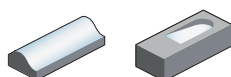


Frese a profilo**QCH - XPHT**

Articolo	*	Stock	Dimensioni [mm]					Denti	kg	Inserto
			ØD	ØD ₁	a _p	L	MD			
QCH-16-XPHT16-M10	●		16	17	16	28	10	2	0,036	XPHT16
QCH-20-XPHT20-M12	○		20	19	20	30	12	2	0,051	XPHT20
QCH-25-XPHT25-M12	●		25	24	25	35	12	2	0,071	XPHT25
QCH-30-XPHT30-M16	●		30	29	30	45	16	2	0,14	XPHT30
QCH-32-XPHT32-M16	●		32	30	32	45	16	2	0,162	XPHT32

● In magazzino ○ Su richiesta

* Con raffreddamento interno

Parti di ricambio							
	Inserto	XPHT16	XPHT20	XPHT25	XPHT30	XPHT32	
	ØD	16	20	25	30	32	
	Vite (inserti)	I60M2,5×6,5 (1,0 Nm)		I60M4×10 (3,4 Nm)	I60M5×13,2 (6,7 Nm)	I60M5×13,2 (6,7 Nm)	
	Vite (inserti)		I60M3,5×8TT (2,7 Nm)				
	Chiave (inserti)		WT10IP				
	Chiave (inserti)				WT20IT	WT20IT	
	Chiave (inserti)	WT07P					
	Chiave (inserti)			WT15S			

A

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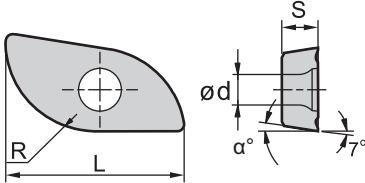
E

Indice

XPHT	L	S	d
16	16	3,18	3,1
20	20	3,97	4
25	25	4,76	4,7
30	30	6,35	5,8
32	32	6,35	5,8

- Buone condizioni di lavorazione
- Condizioni di lavorazione normali
- Condizioni di lavorazione sfavorevoli

Inserti - Fresatura

XP** Inserti fresatura			HC ¹ (CVD)						HC ¹ (PVD)						HT	HC ²	HW							
	P																							
	M																							
	K																							
	N																							
	S																							
	H																							
ISO	R	α	YBC302	YBC301	YBC401	YBM253	YBM251	YBM351	YBD152	YBD252	YBG101	YBG102	YBG202	YBG212	YBS203	YBG205	YBG320	YBG302	YBS303	YBG252	YNG151	YNG151C	YD101	YD201
	XPHT16R0803-GM	8	9															●						
	XPHT20R10T3-GM	10	9															●						
	XPHT25R1204-GM	12,5	9															●						
	XPHT30R1506-GM	15	11															●						
	XPHT32R1606-GM	16	9															●						

● In magazzino ○ Su richiesta

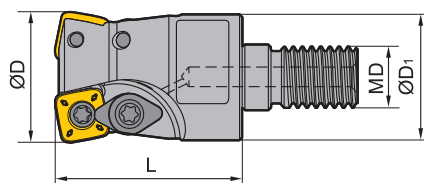
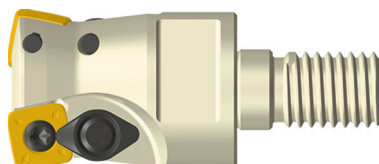
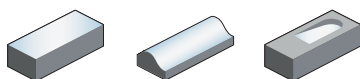
HC¹ Carburo cementato rivestito
 HT Cermet non rivestito
 HC² Cermet rivestito
 HW Carburo cementato non rivestito

Codice sistema > B26

Scelta gradi > B24

Informazioni tecniche > B527

Dati di taglio > B230

Frese ad alto avanzamento**QCH - SDMT** Kr: 15°

Articolo	*	Stock	Dimensioni [mm]				Denti	kg	Inserto
			ØD	ØD ₁	L	MD			
QCH-20-SDMT06-M10-03	●		20	19	30	10	3	0,058	SDMT06T2
QCH-25-SDMT06-M12-04	●		25	24	35	12	4	0,097	
QCH-32-SDMT06-M16-05	○		32	30	45	16	5	0,183	
QCH-25-SDMT09-M12-02	○		25	24	35	12	2	0,088	SDMT09T3
QCH-30-SDMT09-M16-03	●		30	29	45	16	3	0,176	
QCH-35-SDMT09-M16-03	○		35	30	45	16	3	0,216	
QCH-32-SDMT12-M16-02	●		32	30	45	16	2	0,175	SDMT1204
QCH-35-SDMT12-M16-02	○		35	30	45	16	2	0,2	
QCH-40-SDMT12-M16-03	○		40	30	45	16	3	0,3	

● In magazzino ○ Su richiesta

* Con raffreddamento interno

Parti di ricambio					
	Inserto	SDMT06T2	SDMT09T3	SDMT1204	
	ØD	20-35	25-35	32-40	
	Staffa		WD-204	WD-204	
	Vite (staffa)			I60M4x8,4 (3,4 Nm)	
	Vite (staffa)		I60M3,5x08TT (2,7 Nm)		
	Vite (inserti)	I60M2,2x5,5 (0,8 Nm)	I60M4x8,4 (3,4 Nm)	I60M4x8,4 (3,4 Nm)	
	Chiave (staffa)		WT10IP	WT15IP	
	Chiave (inserti)	WT07IP	WT15IP	WT15IP	

Tornitura

Fresatura

Foratura

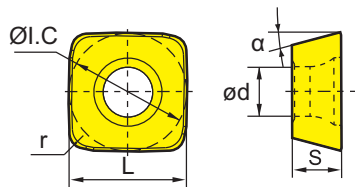
Informazioni tecniche

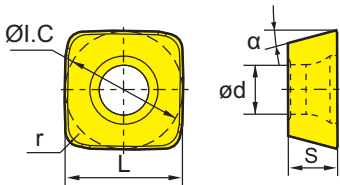
Indice

-  Buone condizioni di lavorazione
-  Condizioni di lavorazione normali
-  Condizioni di lavorazione sfavorevoli

SDMT	L	I.C	S	d
06 T2	6,35	6,35	2,58	5,5
09 T3	9,525	9,525	3,97	4
12 04	12,7	12,7	4,76	4,4

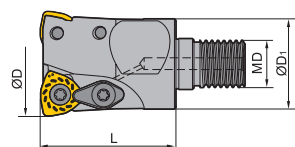
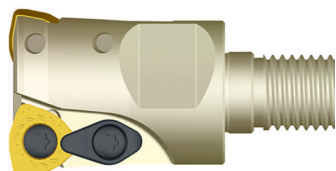
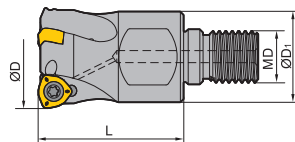
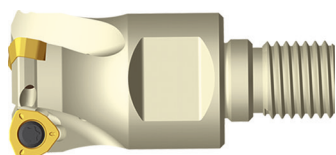
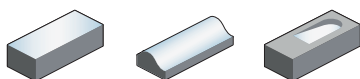
Inserti - Fresatura



SD** Inserti - Fresatura				HC ¹ (CVD)												HC ¹ (PVD)						HT	HC ²	HW		
				P																						
				M																						
				K																						
				N																						
				S																						
				H																						
ISO			r	α	YBC302	YBC301	YBC401	YBM253	YBM251	YBM351	YBD152	YBD252	YBG101	YBG102	YBG202	YBG212	YBS203	YBG205	YB9320	YBG302	YBS303	YBG252	YNG151	YNG151C	YD101	YD201
	SDMT06T208-DM		0,8	15						○					○	○					○					
	SDMT09T312-DM		1,2	15	●					●		○			○	○					●					
	SDMT120412-DM		1,2	15	●						●		●			○	○									
	SDMT09T312-NM							●								○	●				●					
	SDMT120412-NM							●								○	●		●		●					
	SDMT06T208-PM		0,8	15	●				●								○	●			○					
	SDMT09T312-PM		1,2	15					●			○			○			●								
	SDMT120412-PM		1,2	15					●							○		●								

- In magazzino ○ Su richiesta

- | | |
|-----------------|---------------------------------|
| HC ¹ | Carburo cementato rivestito |
| HT | Cermet non rivestito |
| HC ² | Cermet rivestito |
| HW | Carburo cementato non rivestito |

Frese ad alto avanzamento**QCH - WPGT** Kr: 11°-22°

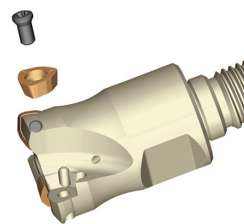
Articolo	*	Stock	Dimensioni [mm]				Denti	kg	Inserto
			ØD	ØD ₁	L	MD			
QCH-20-WPGT05-M10-02		○	20	18	30	10	2	0,056	WPGT0503
QCH-25-WPGT06-M12-02		○	25	21	35	12	2	0,097	
QCH-32-WPGT06-M16-03		●	32	29	43	16	3	0,185	WPGT0604
QCH-35-WPGT06-M16-03		●	35	30	45	16	3	0,201	
QCH-42-WPGT06-M16-04		○	42	29	43	16	4		
QCH-35-WPGT08-M16-02		●	35	30	45	16	2	0,196	WPGT0806

● In magazzino ○ Su richiesta

* Con raffreddamento interno

Angolo di inclinazione variabile (l'angolo di inclinazione dipende dalla dimensione dell'inserto)
 angolo di attacco: WPGT05: 16°; WPGT06: 22°; WPGT08: 11°; WPGT09: 21°

Parti di ricambio					
	Inserto	WPGT0503	WPGT0604	WPGT0806	
	ØD	20	25-42	35	
	Staffa			WD-208	
	Vite (staffa)			I60M5×13 (6,7 Nm)	
	Vite (inserti)		I60M4×8,4 (3,4 Nm)	I60M5×13 (6,7 Nm)	
	Vite (inserti)	I60M3,5×08TT (2,7 Nm)			
	Chiave (staffa)			WT20IT	
	Chiave (inserti)			WT20IT	
	Chiave (inserti)	WT10P	WT15P		



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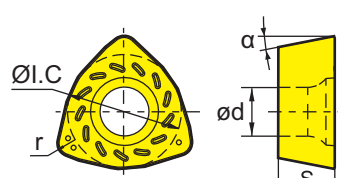
E

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Inserti - Fresatura

- Buone condizioni di lavorazione
- ✱ Condizioni di lavorazione normali
- ✱✱ Condizioni di lavorazione sfavorevoli

WPGT	I.C	S	d
05 03	7,94	3,5	4
06 04	9,525	4,2	4,4
08 06	12,85	6,35	5,5

WP** Inserti positivi			HC ¹ (CVD)						HC ¹ (PVD)						HT	HC ²	HW							
		P																						
		M																						
		K																						
		N																						
		S																						
		H																						
ISO		r	YBC302	YBC301	YBC401	YBM253	YBM251	YBM351	YBD152	YBD252	YBG101	YBG102	YBG202	YBG212	YBS203	YBG205	YBG320	YBG302	YBS303	YBG252	YNG151	YNG151C	YD101	YD201
	WPGT050315ZSR-PM	1,5													●									
	WPGT060415ZSR-PM	1,5	●												●	●		●						
	WPGT080615ZSR-PM	1,5	●												●	●		●						
	WPGT050315ZSR	1,5	●				●						●											
	WPGT060415ZSR	1,5	●				●						●		●									
	WPGT080615ZSR	1,5	●				●						●		●									

● In magazzino ○ Su richiesta

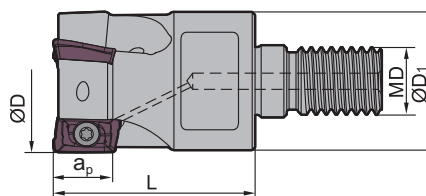
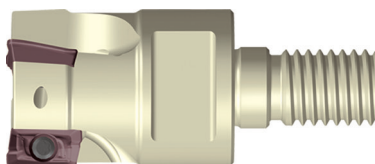
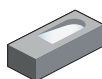
HC¹ Carburo cementato rivestito
 HT Cermet non rivestito
 HC² Cermet rivestito
 HW Carburo cementato non rivestito

Codice sistema > B26

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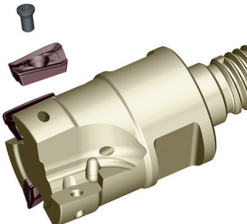
Dati di taglio > B230

Serie QCH**QCH - APKT** Kr: 90°

Articolo	*	Stock	Dimensioni [mm]					Denti	kg	Inserto
			ØD	ØD ₁	a _p	L	MD			
QCH-16-APKT11-M8-02		●	16	12,5	10,5	25	8	2	0,028	APKT11T3
QCH-20-APKT11-M10-03		●	20	18	10,5	30	10	3	0,059	
QCH-25-APKT11-M12-04		●	25	21	10,5	35	12	4	0,104	
QCH-32-APKT11-M16-05		●	32	29	10,5	43	16	5		
QCH-40-APKT11-M16-06		●	40	29	10,5	43	16	6		
QCH-25-APKT16-M12-02		○	25	21	10,5	38	12	2	0,09	APKT1604
QCH-32-APKT16-M16-03		●	32	29	10,5	46	16	3		
QCH-40-APKT16-M16-04		○	40	29	10,5	46	16	4		

● In magazzino ○ Su richiesta

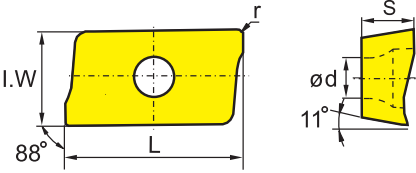
* Con raffreddamento interno

Parti di ricambio				
	Inserto	APKT11T3	APKT1604	
	ØD	16-40	25-40	
	Vite (inserti)		I60M4x8,4 (3,4Nm)	
	Vite (inserti)	I60M2,5x6,5T (1,0Nm)		
	Chiave (inserti)	WT08IP	WT15IP	

Inserti - Fresatura

- Buone condizioni di lavorazione
- Condizioni di lavorazione normali
- Condizioni di lavorazione sfavorevoli

APKT	L	S	d
11 T3	12,24	3,6	2,8
16 04	17,877	5,76	4,4

AP** Inserti - Fresatura			HC ¹ (CVD)						HC ¹ (PVD)						HT	HC ²	HW									
			P	●	●	●	●	●	●	●	●	●	●	●	●	●										
			M	●	●	●	●	●	●	●	●	●	●	●	●	●										
			K														●									
			N														●									
			S		●		●		●	●	●	●	●	●												
			H																							
ISO			r	I.W	YBC302	YBC301	YBC401	YBM253	YBM251	YBM351	YBD152	YBD252	YBG101	YBG102	YBG202	YBG212	YBS203	YBG205	YB9320	YBG302	YBS303	YBG252	YNG151	YNG151C	YD101	YD201
	APKT11T304-PR		0,4	6,5						○											○					
	APKT11T316-PR		1,6	6,5																	○					
	APKT11T3XR										●									●						

● In magazzino ○ Su richiesta

HC¹ Carburo cementato rivestito
 HT Cermet non rivestito
 HC² Cermet rivestito
 HW Carburo cementato non rivestito

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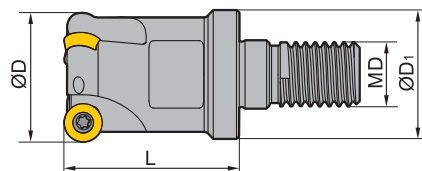
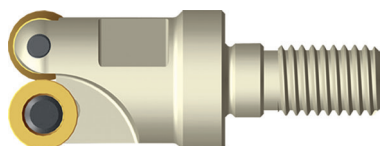
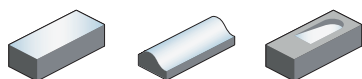
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Serie QCH

QCH - RD



Articolo	*	Stock	Dimensioni [mm]				Denti	kg	Inserto
			ØD	ØD ₁	L	MD			
QCH-16-RD07-M8-02	●		16	15	25	8	2	0,027	RDKW0702
QCH-20-RD07-M10-03	○		20	18	30	10	3	0,058	
QCH-25-RD07-M12-03	○		25	21	35	12	3	0,093	
QCH-20-RD10-M10-02	○		20	19	30	10	2	0,054	RDKW10T3
QCH-25-RD10-M12-02	○		25	24	35	12	2	0,097	
QCH-32-RD10-M16-03	○		32	30	45	16	3	0,183	
QCH-32-RD16-M16-02	○		32	30	45	16	2	0,156	RDKW1605

● In magazzino ○ Su richiesta

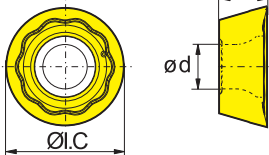
* Con raffreddamento interno

Parti di ricambio					
	Inserto	RDKW0702	RDKW10T3	RDKW1605	
	ØD	16-25	20-32	32	
	Vite (inserti)	I60M2,5×5,0 (1,0 Nm)	I60M4×8 (3,4 Nm)	I60M5×13 (6,7 Nm)	
	Chiave (inserti)	WT08IP	WT15IP		
	Chiave (inserti)			WT20IT	

Inserti - Fresatura

- Buone condizioni di lavorazione
- Condizioni di lavorazione normali
- Condizioni di lavorazione sfavorevoli

RDKT
10 T3

RD** Inserti - Fresatura		HC ¹ (CVD)							HC ¹ (PVD)					HT	HC ²	HW								
	P																							
	M																							
	K																							
	N																							
	S																							
	H																							
ISO		YBC302	YBC301	YBC401	YBM253	YBM251	YBM351	YBD152	YBD252	YBG101	YBG102	YBG202	YBG212	YBS203	YBG205	YB9320	YBG302	YBS303	YBG252	YNG151		YNG151C	YD101	YD201
	RDKT10T3MO-MM																							

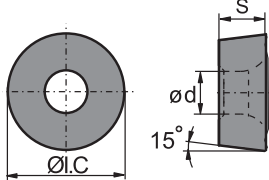
● In magazzino ○ Su richiesta

HC¹ Carburo cementato rivestito
HT Cermet non rivestito
HC² Cermet rivestito
HW Carburo cementato non rivestito

Inserti - Fresatura

- Buone condizioni di lavorazione
- Condizioni di lavorazione normali
- Condizioni di lavorazione sfavorevoli

RDKW	I.C	S	d
07 02	7	2,38	2,7
10 T3	10	3,97	4,4
16 05	16	5,56	5,5

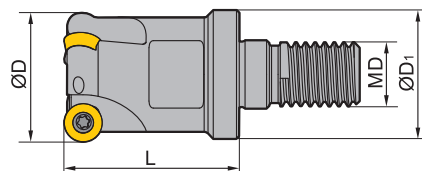
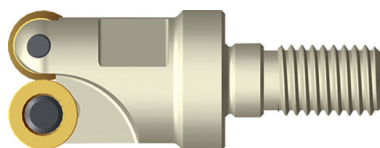
RD** Inserti - Fresatura		HC ¹ (CVD)								HC ¹ (PVD)						HT	HC ²	HW						
	P	●	●	●	●	●	●			●	●	●	●	●	●	●								
	M	●	●	●	●	●	●			●	●	●	●	●	●	●								
	K						●	●		●					●			●						
	N								●									●	●					
	S			●		●				●	●	●	●	●	●									
	H																							
ISO		YBC302	YBC301	YBC401	YBM253	YBM251	YBM351	YBD152	YBD252	YBG101	YBG102	YBG202	YBG212	YBS203	YBG205	YB9320	YBG302	YBS303	YBG252	YNG151		YNG151C	YD101	YD201
	RDKW10T3MO	●	○				○			●	○						○							
	RDKW1605MO						○					○	○				○							
	RDKW0702MO-1						●				○				●									
	RDKW0702MO-2									●														

● In magazzino ○ Su richiesta

HC¹ Carburo cementato rivestito
HT Cermet non rivestito
HC² Cermet rivestito
HW Carburo cementato non rivestito

Serie QCH

QCH - RD



Articolo	*	Stock	Dimensioni [mm]				Denti	kg	Inserto
			ØD	ØD ₁	L	MD			
QCH-15-RDKW0702-M8-02	•		15	12,5	23	8	2		RDKW0702
QCH-15-RDKW0702-M8-03	•		15	12,5	23	8	3		
QCH-20-RDKW0702-M10-04	•		20	18	30	10	4		
QCH-25-RDKW0702-M12-05	•		25	21	35	12	5		
QCH-20-RDKW1003-M10-02	•		20	18	30	10	2		RDKW1003
QCH-25-RDKW1003-M12-02	•		25	21	35	12	2		
QCH-25-RDKW1003-M12-03	•		25	21	35	12	3		
QCH-30-RDKW1003-M16-04	•		30	29	43	16	4		
QCH-35-RDKW1003-M16-04	•		35	29	43	16	4		RDKW12T3
QCH-42-RDKW1003-M16-05	•		42	29	43	16	5		
QCH-24-RDKW12T3-M12-02	•		24	21	35	12	2		
QCH-35-RDKW12T3-M16-03	•		35	29	43	16	3		
QCH-42-RDKW12T3-M16-04	•		42	29	43	16	4		RDKW1604
QCH-32-RDKW1604-M16-02	•		32	29	43	16	2		

• In magazzino ○ Su richiesta

* Con raffreddamento interno

Parti di ricambio					
	Inserto	RDKW0702	RDKW1003	RDKW12T3	RDKW1604
	ØD	15-25	20-42	24-42	32
	Staffa				WX16N
	Vite (staffa)				I60M4,5x10 (5,0 Nm)
	Vite (staffa)			LOM3.5x7.1	
	Vite (inserti)	I60M2,5x5,0 (1,0 Nm)	I60M3,5x7,7 (2,7 Nm)	I60M3,5x7,7 (2,7 Nm)	I60M4,5x10 (5,0 Nm)
	Chiave (inserti)	WT07P	WT15P	WT15P	
	Chiave (inserti)				WT20T

Codice sistema > B26

Scelta gradi > B24

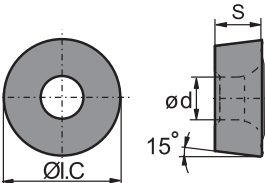
Informazioni tecniche > B527

Dati di taglio > B230

Inserti - Fresatura

-  Buone condizioni di lavorazione
-  Condizioni di lavorazione normali
-  Condizioni di lavorazione sfavorevoli

RDKW	I.C	S	d
07 02	7	2,38	2,7
10 03	10	3,18	3,9
12 T3	12	3,97	3,9
16 04	16	4,76	5,2

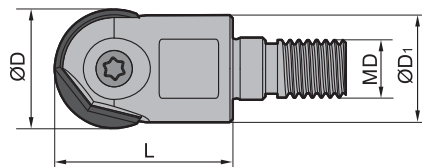
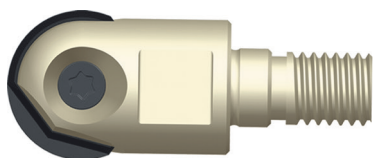
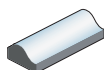
RD** Inserti - Fresatura		HC ¹ (CVD)								HC ¹ (PVD)								HT	HC ²	HW			
		P	●●●●●●●●								●●●●●●●●●●●●●●								●●	●			
		M	●●●●●●●●								●●●●●●●●●●●●●●								●●	●			
		K									●●●●●●●●●●●●●●								●		●●		
		N									●●●●●●●●●●●●●●										●●●●		
		S	●●●●●●●●								●●●●●●●●●●●●●●												
		H																					
ISO		YBC302	YBC301	YBC401	YBM253	YBM251	YBM351	YBD152	YBD252	YBG101	YBG102	YBG202	YBG212	YBS203	YBG205	YB9320	YBG302	YBS303	YBG252	YNG151	YNG151C	YD101	YD201
	RDKW0702MO-1						●				○				●								
	RDKW0702MO-2									●													
	RDKW1003MO-1				○	●					○				●	●							
	RDKW1003MO-2									●													
	RDKW1003MO-3			●											●								
	RDKW12T3MO-1				○	●					○				●	●							
	RDKW12T3MO-2									●					○								
	RDKW12T3MO-3			●											●								
	RDKW1604MO-1					●					○				●	●	●						
	RDKW1604MO-2										○												
	RDKW1604MO-3	○		●				●		○				●	●								

● In magazzino ○ Su richiesta

HC¹ Carburo cementato rivestito
 HT Cermet non rivestito
 HC² Cermet rivestito
 HW Carburo cementato non rivestito

Serie QCH

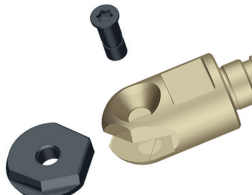
QCH - ZOHX



Articolo	*	Stock	Dimensioni [mm]				kg	Inserto
			ØD	ØD ₁	L	MD		
QCH-16-ZOHX16-M8	•		16	15	28	8	0,029	ZOHX16
QCH-20-ZOHX20-M10	•		20	19	30	10	0,048	ZOHX20
QCH-25-ZOHX25-M12	•		25	24	35	12	0,087	ZOHX25
QCH-30-ZOHX30-M16	•		30	29	45	16	0,17	ZOHX30
QCH-32-ZOHX32-M16	•		32	30	45	16	0,18	ZOHX32

• In magazzino ○ Su richiesta

* Con raffreddamento interno

Parti di ricambio							
	Inserto	ZOHX16	ZOHX20	ZOHX25	ZOHX30	ZOHX32	
	ØD	16	20	25	30	32	
	Vite (inserti)	I70M5×12TT (6,7 Nm)	I70M5×16TT (6,7 Nm)	I70M6×20TT (9,1 Nm)	I70M8×25TT (16,2 Nm)	I70M8×25TT (16,2 Nm)	
	Chiave (inserti)	WT20IP	WT20IP	WT20IP			
	Chiave (inserti)				WT30IT	WT30IT	

Codice sistema > B26

Scelta gradi > B24

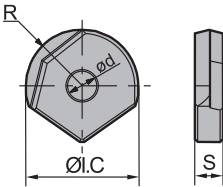
Informazioni tecniche > B527

Dati di taglio > B230

Inserti - Fresatura

-  Buone condizioni di lavorazione
-  Condizioni di lavorazione normali
-  Condizioni di lavorazione sfavorevoli

ZOHX	I.C	S	d
16	16	4	5
20	20	5	5
25	25	6	6
30	30	7	8
32	32	7	8

ZO** Inserti fresatura			HC¹ (CVD)								HC¹ (PVD)								HT	HC²	HW			
		P																						
		M																						
		K																						
		N																						
		S																						
		H																						
ISO		R	YBC302	YBC301	YBC401	YBM253	YBM251	YBM351	YBD152	YBD252	YBG101	YBG102	YBG202	YBG212	YBS203	YBG205	YB9320	YBG302	YBS303	YBG252	YNG151	YNG151C	YD101	YD201
	ZOHX1604-GF	8																	●					
	ZOHX2005-GF	10																	●					
	ZOHX2506-GF	12,5																	○					
	ZOHX3007-GF	15																	●					
	ZOHX3207-GF	16																	●					
	ZOHX1604-GM	8																	●					
	ZOHX2005-GM	10																	●					
	ZOHX2506-GM	12,5																	○					
	ZOHX3007-GM	15																	●					
	ZOHX3207-GM	16																	●					

● In magazzino ○ Su richiesta

HC¹ Carburo cementato rivestito
 HT Cermet non rivestito
 HC² Cermet rivestito
 HW Carburo cementato non rivestito

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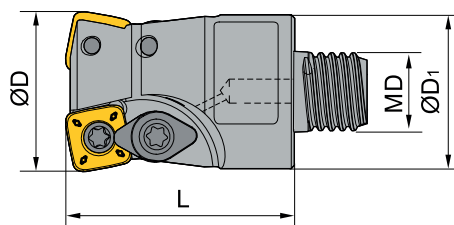
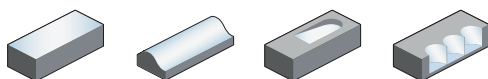
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Serie QCH

QCH-SDMT-Q



Articolo	*	Stock	Dimensioni [mm]				Denti	kg	Inserto
			ØD	ØD ₁	L	MD			
QCH-25-SDMT09-Q14-02	*	○	25	24	35	14	2	0,088	SDMT09T3
QCH-35-SDMT09-Q18-03	*	○	35	30	45	18	3	0,216	

● In magazzino ○ Su richiesta

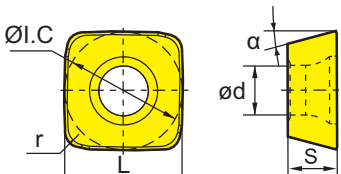
* Con raffreddamento interno

Parti di ricambio		
	Inserto	SDMT09T3
	ØD	25-35
	Staffa	WD-204
	Vite (staffa)	I60M4x8,4 (3,4 Nm)
	Vite (inserti)	I60M3,5x08TT (2,7 Nm)
	Chiave (inserti)	WT10IP

Inserti - Fresatura

-  Buone condizioni di lavorazione
-  Condizioni di lavorazione normali
-  Condizioni di lavorazione sfavorevoli

SDMT	L	I.C	S	d
09 T3	9,525	9,525	3,97	4

SD** Inerti - Fresatura		HC ¹ (CVD)										HC ¹ (PVD)										HT	HC ²	HW	
		P																							
		M																							
		K																							
		N																							
		S																							
		H																							
ISO		r	α	YBC302	YBC301	YBC401	YBM253	YBM251	YBM351	YBD152	YBD252	YBG101	YBG102	YBG202	YBG212	YBS203	YBG205	YB9320	YBG302	YBS303	YBG252	YNG151	YNG151C	YD101	YD201
	SDMT09T312-DM	1,2	15	●					●	○			○	○				●							
	SDMT09T312-NM						●							○	●			●							
	SDMT09T312-PM	1,2	15				●			○			○			●									

● In magazzino ○ Su richiesta

HC ¹	Carburo cementato rivestito
HT	Cermet non rivestito
HC ²	Cermet rivestito
HW	Carburo cementato non rivestito

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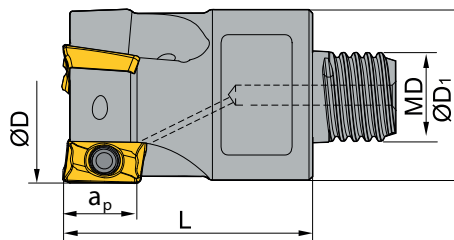
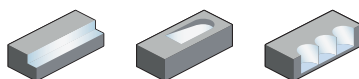
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Serie QCH

QCH-APKT-Q Kr: 90°



Articolo	*	Stock	Dimensioni [mm]					Denti	kg	Inserto
			ØD	ØD ₁	a _p	L	MD			
QCH-16-APKT11-Q10-02	*	●	16	15,2	10,5	28	10	2	0,028	APKT11T3
QCH-20-APKT11-Q12-02	*	○	20	19	10,5	30	12	2	0,059	
QCH-25-APKT11-Q14-03	*	●	25	24	10,5	35	14	3	0,104	

● In magazzino ○ Su richiesta

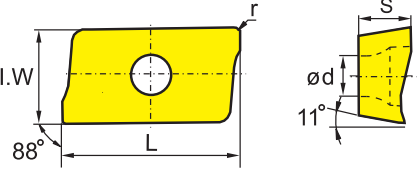
* Con raffreddamento interno

Parti di ricambio		
	Inserto	APKT11T3
	ØD	16-25
	Vite (inserti)	I60M2,5x5,5 (1,0Nm)
	Chiave (inserti)	WT07IP

Inserti - Fresatura

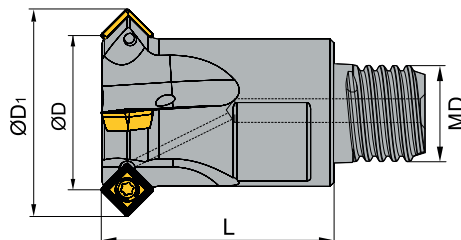
-  Buone condizioni di lavorazione
-  Condizioni di lavorazione normali
-  Condizioni di lavorazione sfavorevoli

APKT	L	S	d
11 T3	12,24	3,6	2,8

AP** Inserti - Fresatura				HC ¹ (CVD)								HC ¹ (PVD)								HT	HC ²	HW			
				P	     								        												
				M	    								        												
				K	 								 										 		
				N																			 		
				S	 								    												
				H																					
ISO		r	I.W	YBC302	YBC301	YBC401	YBM253	YBM251	YBM351	YBD152	YBD252	YBG101	YBG102	YBG202	YBG212	YBS203	YBG205	YBG320	YBG302	YBS303	YBG252	YNG151	YNG151C	YD101	YD201
	APKT11T304-ALH	0,4	6,5									●												●	●
	APKT11T308-ALH	0,8	6,5									●												●	●
	APKT11T304-APF	0,4	6,5															●							
	APKT11T308-APF	0,8	6,5													○		●		○					
	APKT11T304-APM	0,4	6,5				●			●								●							
	APKT11T308-APM	0,8	6,5				●			●					○			●		○					
	APKT11T312-APM	1,2	6,5				●			●								●							
	APKT11T316-APM	1,6	6,5				●			●								●							
	APKT11T320-APM	2	6,5				●			●								●							
	APKT11T304-LH	0,4	6,5																					○	○
	APKT11T308-LH	0,8	6,5																					○	●
	APKT11T308-NM															●			●						
	APKT11T312-NM															●			●						
	APKT11T304-PF	0,4	6,5	○			○						○	○					○						
	APKT11T308-PF	0,8	6,5											○											
	APKT11T316-PF	1,6	6,5												○										
	APKT11T304-PM	0,4	6,5	○	○	○		○	○				○	○					○						
	APKT11T308-PM	0,8	6,5	○	○		○	○	●	○	○		○	○			○		○						
	APKT11T312-PM	1,2	6,5					○					○	○					○						
	APKT11T316-PM	1,6	6,5					○					○	○					○						
	APKT11T304-PR	0,4	6,5						○										○						
	APKT11T316-PR	1,6	6,5																○						
	APKT11T3XR										●								●						

Serie QCH

QCH-SPGT-Q



Articolo	*	Stock	Dimensioni [mm]				Denti	kg	Inserto
			ØD	ØD ₁	L	MD			
QCH-16-SPGT05-Q10-45-03	*	○	16	22,6	25	10	3	0,032	SPGT0502
QCH-20-SPGT05-Q12-45-04	*	○	20	26,6	30	12	4	0,644	

● In magazzino ○ Su richiesta

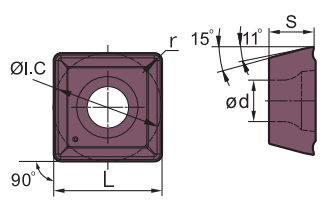
* Con raffreddamento interno

Parti di ricambio		
	Inserto	SPGT0502
	ØD	16-20
	Vite (inserti)	I60M2x4,3 (0,5 Nm)
	Chiave (inserti)	WT06IP

Inserti - Fresatura

-  Buone condizioni di lavorazione
-  Condizioni di lavorazione normali
-  Condizioni di lavorazione sfavorevoli

SPGT
05 02

SP ** Inserti - Foratura		HC ¹ (CVD)						HC ¹ (PVD)						HT	HC ²	HW							
	P																						
	M																						
	K																						
	N																						
	S																						
	H																						
ISO		YBC302	YBC301	YBC401	YBM253	YBM251	YBM351	YBD152	YBD252	YBG101	YBG102	YBG202	YBG212	YBS203	YBG205	YB9320	YBG302	YBS303	YBG252	YNG151	YNG151C	YD101	YD201
	SPGT050204-EM												●		●								
	SPGT050204-PM												●		●								

• In magazzino ○ Su richiesta

HC¹ Carburo cementato rivestito
HT Cermet non rivestito
HC² Cermet rivestito
HW Carburo cementato non rivestito

A

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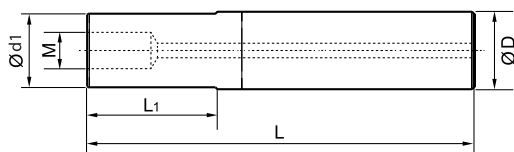
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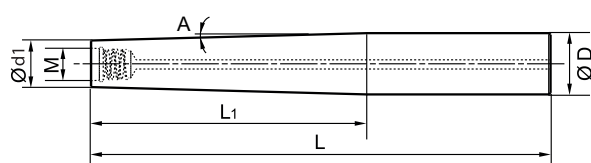
Sistema di attacchi

Stelo in metallo duro integrale, scaricato, filetto tipo Q



Articolo	Dimensioni [mm]				Angolo (M)	Stock
	D	d1	L	L1		
G12-QCH-Q08-80C	12	11,5	80	30	Q8	●
G12-QCH-Q08-100C	12	11,5	100	50	Q8	●
G12-QCH-Q08-120C	12	11,5	120	70	Q8	●
G16-QCH-Q10-90C	16	15,2	90	40	Q10	●
G16-QCH-Q10-120C	16	15,2	120	70	Q10	●
G16-QCH-Q10-150C	16	15,2	150	100	Q10	●
G20-QCH-Q12-100C	20	19	100	40	Q12	●
G20-QCH-Q12-140C	20	19	140	80	Q12	●
G20-QCH-Q12-180C	20	19	180	120	Q12	●
G25-QCH-Q14-120C	25	24	120	50	Q14	●
G25-QCH-Q14-170C	25	24	170	100	Q14	●
G25-QCH-Q14-220C	25	24	220	150	Q14	●
G32-QCH-Q18-140C	32	30	140	70	Q18	●
G32-QCH-Q18-200C	32	30	200	130	Q18	●
G32-QCH-Q18-260C	32	30	260	190	Q18	●
G32-QCH-Q18-320C	32	30	320	250	Q18	●

Stelo in metallo duro integrale, conico, filetto tipo Q



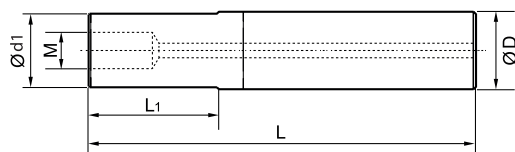
Articolo	Dimensioni [mm]				Filetto (M)	Angolo (A)	Stock
	D	d1	L	L1			
G16-QCH-Q08-140C-ZJ90	16	11,5	140	90	Q8	1,0	●
G20-QCH-Q10-200C-ZJ140	20	15,2	200	140	Q8	0,8	●
G25-QCH-Q12-250C-ZJ180	25	19	250	180	Q8	0,8	●
G32-QCH-Q14-270C-ZJ200	32	30	270	200	Q10	0,8	●

Parti di ricambio

	Filetto	Q8 / Q10	Q12 / Q14	Q18
	Chiave	QCH-10x13	QCH-16x20	QCH-26

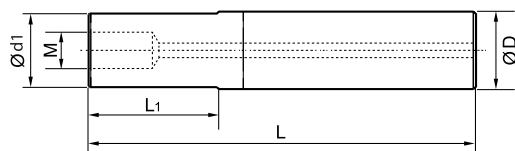
Sistema di attacchi

Codolo in acciaio, scaricato, filetto tipo Q



Articolo	Dimensioni [mm]				Angolo (M)	Stock
	D	d1	L	L1		
G12-QCH-Q08-65S	12	11,5	65	19	Q08	●
G16-QCH-Q10-100S	16	15,2	100	42	Q10	●
G20-QCH-Q12-110S	20	19	110	54	Q12	●

Stelo in metallo duro integrale, scaricato, filettatura metrica



Articolo	Dimensioni [mm]				Angolo (M)	Stock
	D	d1	L	L1		
G16-QCH-M8-90C-125	16	12,5	90	35	M8	○
G16-QCH-M8-110C-125	16	12,5	110	55	M8	○
G16-QCH-M8-130C-125	16	12,5	130	75	M8	○
G16-QCH-M8-90C	16	15	90	35	M8	○
G16-QCH-M8-110C	16	15	110	55	M8	○
G16-QCH-M8-130C	16	15	130	75	M8	○
G16-QCH-M8-170C	16	15	170	115	M8	○
G16-QCH-M8-200C	16	15	200	145	M8	○
G20-QCH-M10-87C	20	18,5	87	30	M10	○
G20-QCH-M10-107C	20	18,5	107	50	M10	○
G20-QCH-M10-127C	20	18,5	127	70	M10	○
G20-QCH-M10-167C	20	18,5	167	110	M10	○
G20-QCH-M10-197C	20	18,5	197	140	M10	○
G25-QCH-M12-128C	25	23	128	65	M12	○
G25-QCH-M12-148C	25	23	148	85	M12	○
G25-QCH-M12-168C	25	23	168	105	M12	○
G25-QCH-M12-198C	25	23	198	135	M12	○
G25-QCH-M12-228C	25	23	228	165	M12	○
G32-QCH-M16-161C	32	29	161	95	M16	○
G32-QCH-M16-211C	32	29	211	145	M16	○
G32-QCH-M16-281C	32	29	281	215	M16	○
G32-QCH-M16-311C	32	29	311	245	M16	○
G32-QCH-M16-361C	32	29	361	295	M16	○

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