



TESTINE DI ALESATURA CABEZALES DE MANDRINAR

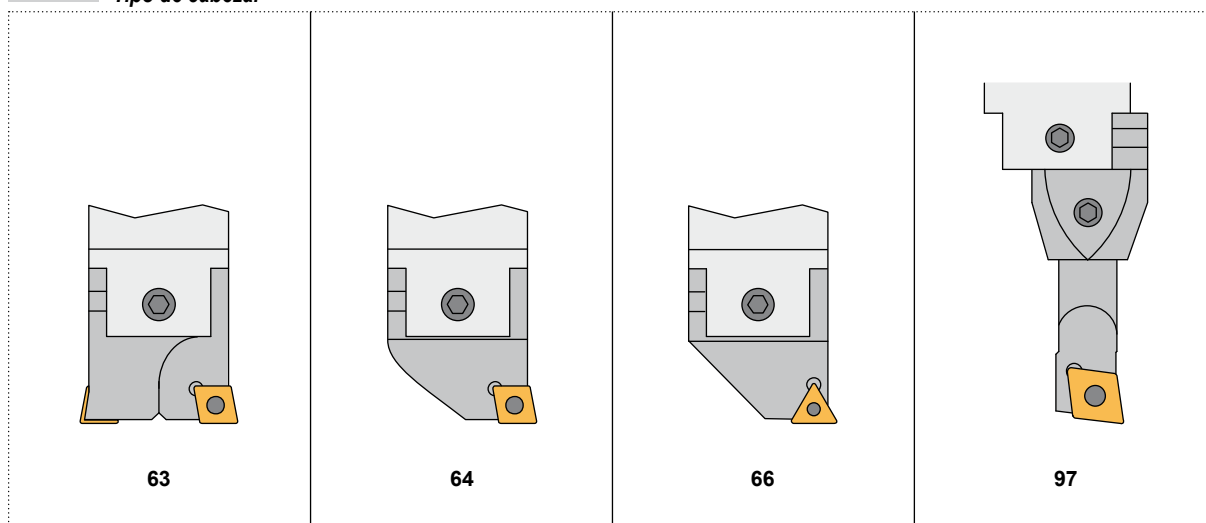
Sistema di codifica Sistema de codificación	I148-151
Informazione tecnica Información técnica	I152
Indice applicazioni Índice de aplicaciones	I153
Portautensili per interni regolabili Barras de mandrinar ajustables	I154
Testine di alesatura Cabezales de mandrinar	I155-163
Mandrini per testine di alesatura Conos para cabezales de mandrinar	I164-170
Kits Sets	I171
Richiesta utensile speciale Formulario herramientas especiales	I172



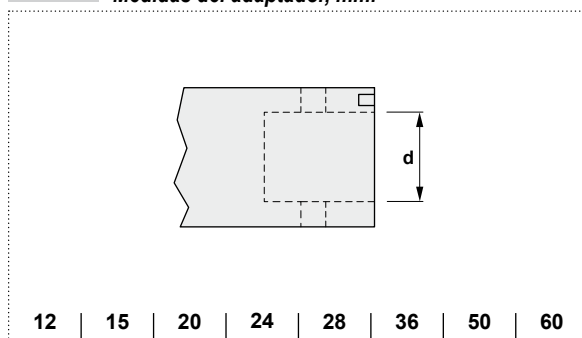
Sistema di codifica - Testine di alesatura Sistema de codificación - Cabezales de mandrinar

63	12	2430
1	2	3

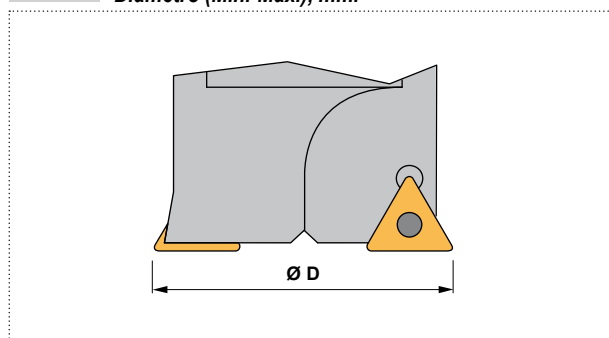
1 Tipo di testina Tipo de cabezal



2 Misure dell'adattatore, mm. Medidas del adaptador, mm.



3 Diametro (Min.-Mass.), mm. Diámetro (Min.-Max.), mm.

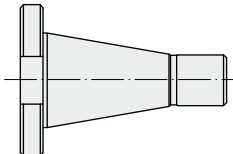
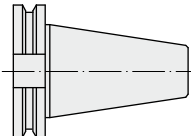
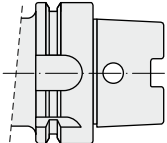
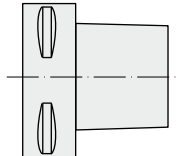
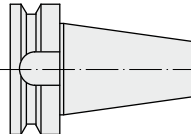


Sistema di codifica - Mandrini per testine di alesatura
Sistema de codificación - Conos para cabezales de mandrinar

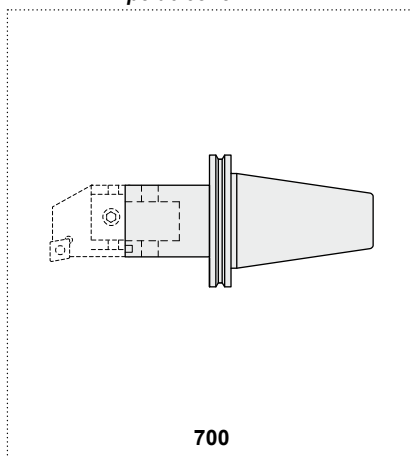
10 700 30 12 / 100

1 2 3 4 5

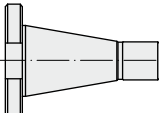
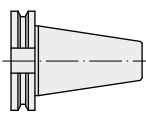
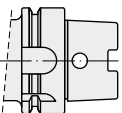
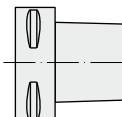
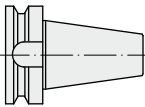
1 *Modello
Modelo*

 10	DIN 2080 ISO 7388  11	DIN 69871/A HSK  16
PSC  18	ISO 26623-1 ISO  20	JIS B 6339-BT

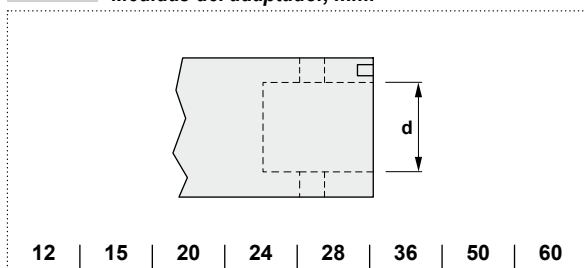
2 *Tipo di mandrino*
Tipo de cono



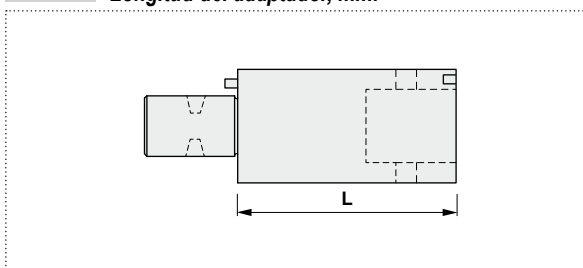
3 *Misure del mandrino* *Medidas del cono*

ISO DIN 2080  ISO 30 30 ISO 40 40 ISO 50 50	ISO 7388 DIN 69871/A  7388 30 30 7388 40 40 7388 50 50	HSK DIN 69893-1  50 63 100
PSC ISO 26623-1  32 40 50 63 80 100		ISO JIS B 6339-BT  BT 30 30 BT 40 40 BT 50 50

4 *Misure dell'adattatore, mm.*
Medidas del adaptador, mm.



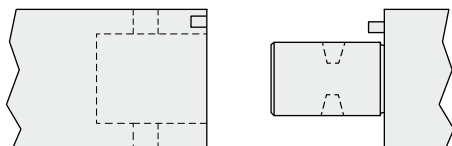
5 Lunghezza dell'adattatore, mm.
Longitud del adaptador, mm.



Sistema di codifica - Mandrini per testine di alesatura Sistema de codificación - Conos para cabezales de mandrinar

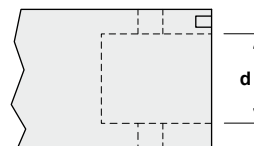
60 **12** **12** / **20**
1 2 3 4

1 Tipo di mandrino
Tipo de cono



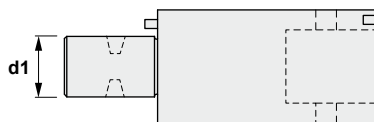
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2 Misure dell'adattatore, mm.
Medidas del adaptador, mm.

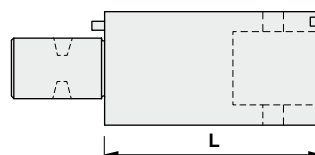


12 | 15 | 20 | 24 | 28 | 36 | 50 | 60

3 Diametro dell'attacco, mm.
Diámetro del mango, mm.

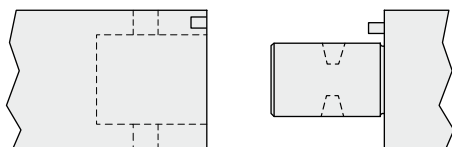


4 Lunghezza dell'adattatore, mm.
Longitud del adaptador, mm.



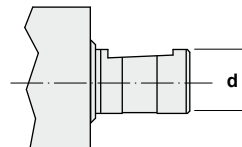
60 **62** **12**
1 2 3

1 Tipo di mandrino
Tipo de cono



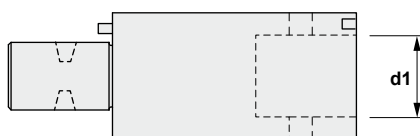
60

2 Diametro dell'attacco
Diámetro del mango



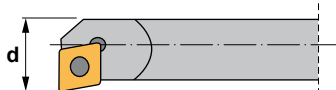
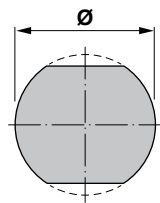
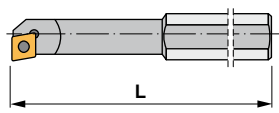
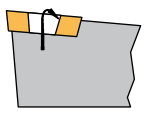
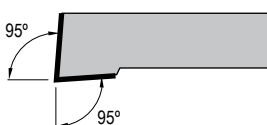
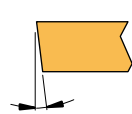
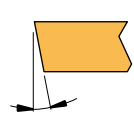
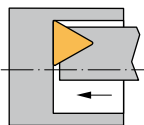
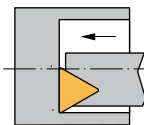
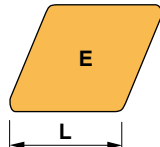
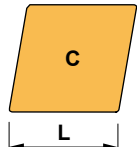
62 | 63 | 64

3 Misure dell'adattatore, mm.
Medidas del adaptador, mm.

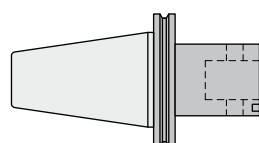


Sistema di codifica - Utensili per testine di alesatura Sistema de codificación - Barras para cabezales de mandrinar

S	08	16	F	S	C	L	C	R	06
1	2	3	4	5	6	7	8	9	10

1 Tipo di stelo Tipo de mango	2 Diametro minimo, mm. Diámetro mínimo, mm.	3 Diametro dello stelo, mm. Diámetro del mango, mm.
A Stelo in acciaio con foro per refrigerante Mango de acero con refrigeración interior S Stelo in acciaio Mango de acero		
4 Lunghezza dell'utensile, mm. Longitud del mango, mm.	5 Tipo di fissaggio dell'inserto Método de fijación de la plaquita	6 Forma dell'inserto Forma de la plaquita
 70 E 80 F 90 G 100 H 110 I 115 J Speciale Especial X	 S	 C  T
7 Tipo di utensile Tipo de herramienta	8 Angolo di spoglia dell'inserto Ángulo de incidencia de la plaquita	
 F  L	 C  P	
9 Direzione Dirección de corte	10 Lunghezza dello spigolo di taglio, mm. Longitud de la arista de corte, mm.	
 L  R	 E L  C L	

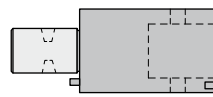




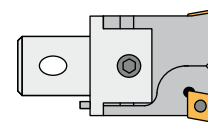
Mandrini per testine di alesatura
Conos para cabezales de mandrinar



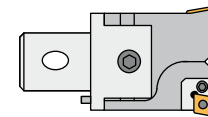
Mandrini per testine di alesatura
Conos para cabezales de mandrinar



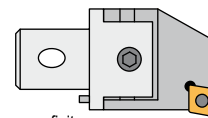
Mandrini per testine di alesatura
Conos para cabezales de mandrinar



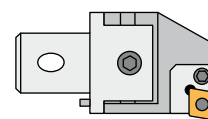
Testine di alesatura per sgrossatura
Cabezales de desbaste



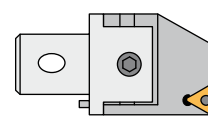
Testine di alesatura per sgrossatura
Cabezales de desbaste



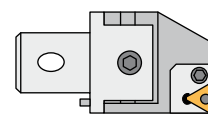
Testine di alesatura per finitura
Cabezales de acabado



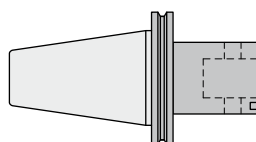
Testine di alesatura per finitura
Cabezales de acabado



Testine di alesatura per finitura
Cabezales de acabado



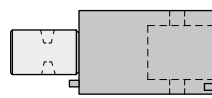
Testine di alesatura per finitura
Cabezales de acabado



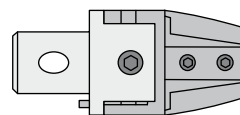
Mandrini per testine di alesatura
Conos para cabezales de mandrinar



Mandrini per testine di alesatura
Conos para cabezales de mandrinar



Mandrini per testine di alesatura
Conos para cabezales de mandrinar



Testine di alesatura per finitura
Cabezales de acabado

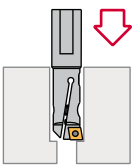


Utensili per testine di alesatura
Herramientas para cabezales de mandrinar

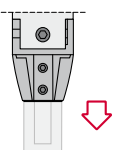
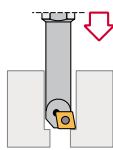
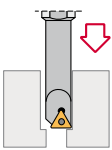
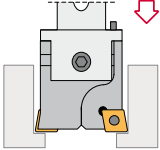
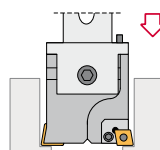
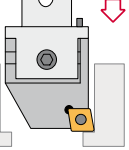
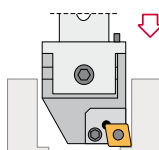
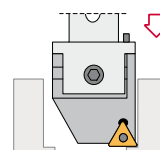
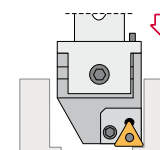


Utensili per testine di alesatura
Herramientas para cabezales de mandrinar

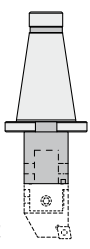
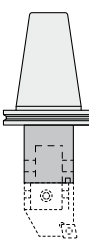
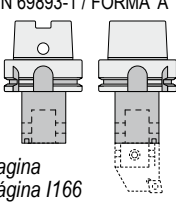
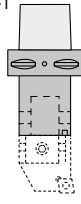
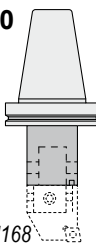
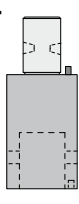
Portautensili per interni regolabili Barras de mandrinar ajustables

6114.0₂₇  Pagina Página I154				
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Testine di alesatura Cabezales de mandrinar

97.15/24  Pagina Página I155	SCLC  Pagina Página I156 CC.. 0602.. CC.. 09T3..	STFC  Pagina Página I157 TC.. 0902.. TC.. 16T3..	63.12/28  Pagina Página I158 CC.. 0602.. CC.. 1204..	63.36/60  Pagina Página I159 CC.. 1204..
64.12/28  Pagina Página I160 CC.. 0602.. CC.. 1204..	64.36/60  Pagina Página I161 CC.. 1204..	66.20/28  Pagina Página I162 TC.. 16T3..	66.36/60  Pagina Página I163 TC.. 16T3..	

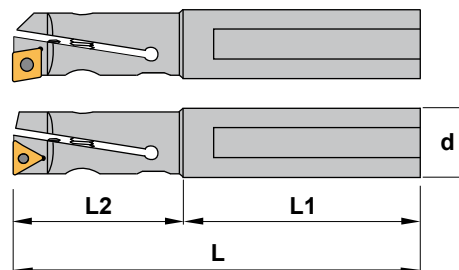
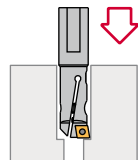
Mandrini per testine di alesatura Conos para cabezales de mandrinar

10.700 DIN 2080  Pagina Página I164	11.700 DIN 69871-A  Pagina Página I165	16.700 DIN 69893-1 / FORMA A  Pagina Página I166	18.700 PSC ISO 26623-1  Pagina Página I167	20.700 MAS BT  Pagina Página I168
60.62/64  Pagina Página I169	60.12/24  Pagina Página I170			



Caratteristiche:
Portautensile per interni regolabile.

Características:
Barra de mandrar ajustable.



6114.0⁰₂7

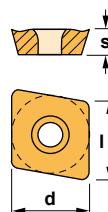
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6114.07.012	105	70	35	12	12	15	CC.. 0602..	0,080
6114.07.015	110	60	50	16	15	20	CC.. 0602..	0,110
6114.07.020	120	60	60	20	20	25	TC.. 1102..	0,160
6114.07.025	140	70	70	25	25	30	TC.. 16T3..	0,280
6114.07.030	160	70	90	25	30	35	TC.. 16T3..	0,360
6114.27.012	175	145	30	12	12	15	CC.. 0602..	0,150
6114.27.015	175	125	50	16	15	20	CC.. 0602..	0,260
6114.27.020	200	140	60	20	20	25	TC.. 1102..	0,430
6114.27.025	200	130	70	25	25	30	TC.. 16T3..	0,550
6114.27.030	200	110	90	25	30	35	TC.. 16T3..	0,500

Riferimento Referencia								Nm
6114.07.012	1550	1503	1425	-	5015	5520	5507	0.9
6114.07.015	1261	1534	1425	1534	5002	5525	5507	0.9
6114.07.020	1182	1515	1225	1515	5025	5525	5507	0.9
6114.07.025	1908	1517	1240	1517	5025 / 5005	-	5515	3.0
6114.07.030	1910	1517	1240	1518	5025 / 5006	-	5515	3.0
6114.27.012	1550	1503	1425	-	5015	5520	5507	0.9
6114.27.015	1261	1534	1425	1534	5002	5525	5507	0.9
6114.27.020	1182	1515	1225	1515	5025	5525	5507	0.9
6114.27.025	1908	1517	1240	1517	5025 / 5005	-	5515	3.0
6114.27.030	1910	1517	1240	1518	5025 / 5006	-	5515	3.0

CC..

Inserti romboidali positivi 80° con angolo di spoglia 7°.
Plaquetas rómbicas positivas 80° con 7° incidencia. F12

Riferimento / Ref.	l	s	d
CC.. 0602..	6,45	2,38	6,35



CCGT-AL



CCMT



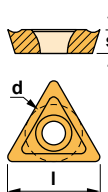
CCMW



TC..

Inserti triangolari positivi con angolo di spoglia 7°.
Plaquetas triangulares positivas con 7° incidencia. F21

Riferimento / Ref.	l	s	d
TC.. 0902..	9,62	2,38	5,55
TC.. 16T3..	16,50	3,97	9,52



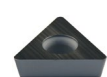
TCGT-AL



TCMT-39



TCMW



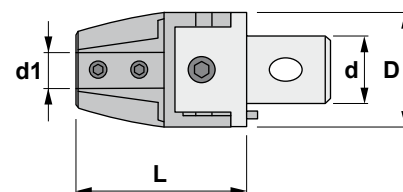


Caratteristiche:

Testina di alesatura per finitura.
Vite di regolazione micrometrica
con una precisione di 0,01 mm Ø.

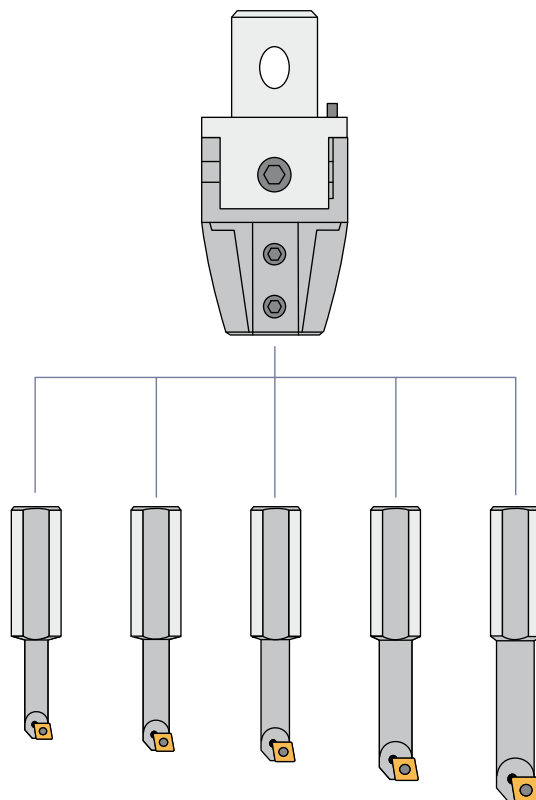
Características:

Cabezal de acabado.
Selector graduado, lectura con
precisión de 0,01 mm Ø.



97.15/24

Riferimento Referencia	D	L	d	d1	Dmin	Dmass. Dmax	 Kg
97.15.08	27	50	15	8	10	21	0,170
97.20.08	32	58	20	8	10	21	0,280
97.20.10	32	58	20	10	13	25	0,290
97.24.10	42	70	24	10	13	29	0,650
97.24.12	42	70	24	12	16	34	0,620
97.24.16	42	70	24	16	20	38	0,600



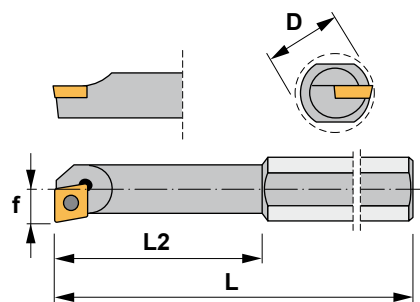
SCLC / STFC



Caratteristiche:

Portautensile per testine di alesatura con inserti romboidali positivi (angolo 80°).

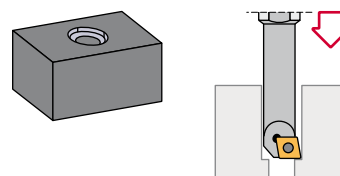
La vite centrale assicura una buona rigidità e agevola l'evacuazione dei trucioli.



Características:

Herramienta para cabezales de mandrinar equipada con plaquita rómbica positiva (ángulo 80°).

El tornillo central asegura una buena rigidez y evacuación de virutas.



SCLC

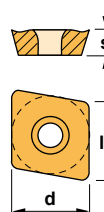
Riferimento Referencia	D	L	L2	f	Gamma foro Rango del agujero min max		Dimensioni inserto Medida plaquita	Kg
S0816F SCLC R 06	16	80	35	4	10	28	CC.. 0602..	0,070
S1016G SCLC R 06	16	90	45	6	13	31	CC.. 0602..	0,100
S1216H SCLC R 06	16	100	57	7	16	34	CC.. 0602..	0,100
S1616I SCLC R 09	16	110	73	9	20	38	CC.. 09T3..	0,150

Riferimento Referencia			Nm
S0816F SCLC R 06	1425	5507	0.9
S1016G SCLC R 06	1425	5507	0.9
S1216H SCLC R 06	1425	5507	0.9
S1616I SCLC R 09	1440	5515	3.0

CC..

Inserti romboidali positivi 80° con angolo di spoglia 7°. F12
Plaquetas rómbicas positivas 80° con 7° incidencia.

Riferimento / Ref.	l	s	d
CC.. 0602..	6,45	2,38	6,35
CC.. 09T3..	9,65	3,97	9,52



CCGT-AL

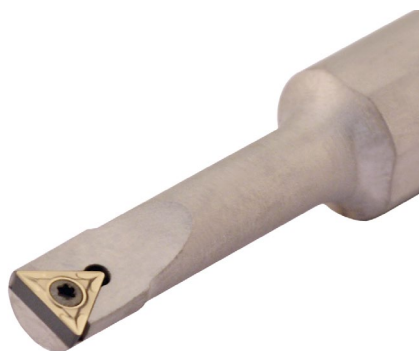


CCMT



CCMW

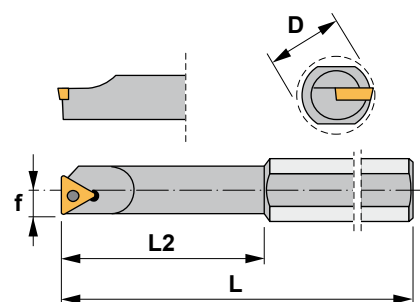




Caratteristiche:

Portautensile per testine di alesatura con inserti triangolari positivi.

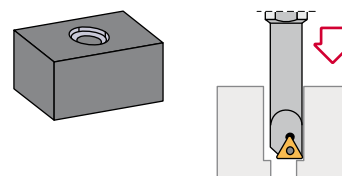
La vite centrale assicura una buona rigidità e agevola l'evacuazione dei trucioli.



Características:

Herramienta para cabezales de mandrinar equipada con plaquita triangular positiva.

El tornillo central asegura una buena rigidez y evacuación de virutas.



STFC

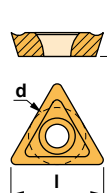
Riferimento Referencia	D	L	L2	f	Gamma foro Rango del agujero min max		Dimensioni inserto Medida plaquita	kg
S0816F STFC R 09	16	80	35	5	10	28	TC.. 0902..	0,090
S1016G STFC R 09	16	90	45	6	13	31	TC.. 0902..	0,100
S1216H STFC R 09	16	100	57	7	16	34	TC.. 0902..	0,100
S1616I STFC R 09	16	110	73	9	20	38	TC.. 0902..	0,100
S1616I STFC R 16	16	110	73	11	20	38	TC.. 16T3..	0,150

Riferimento Referencia			Nm
S0816F STFC R 09	1222	5506	0.6
S1016G STFC R 09	1222	5506	0.6
S1216H STFC R 09	1222	5506	0.6
S1616I STFC R 09	1222	5506	0.6
S1616I STFC R 16	1425	5515	3.0

TC..

Inserti triangolari positivi con angolo di spoglia 7°.
Plaquetas triangulares positivas con 7° incidencia.  F21

Riferimento / Ref.	l	s	d
TC.. 0902..	9,62	2,38	5,55
TC.. 16T3..	16,50	3,97	9,52



TCGT-AL



TCMT-39

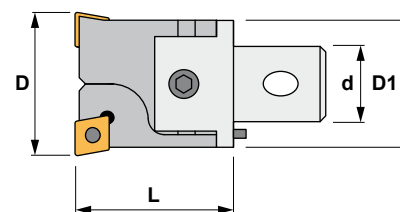


TCMW

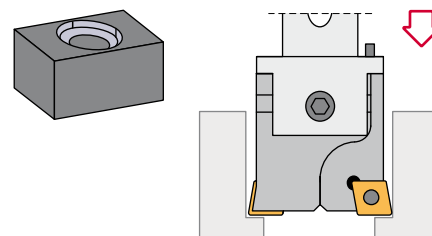




Caratteristiche:
Testina di alesatura per sgrossatura.



Características:
Cabezal de desbaste.



63.12/28

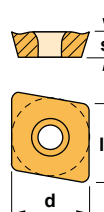
Riferimento Referencia	D1	L	d	Dmin	Dmass. Dmax	Dimensioni inserto Medida plaquita	Kg
63.12.2430	22	34	12	24	30	CC.. 0602..	0,075
63.15.2940	27	42	15	29	40	CC.. 09T3..	0,150
63.20.3950	32	45	20	39	50	CC.. 09T3..	0,250
63.24.4965	42	56	24	49	65	CC.. 1204..	0,500
63.28.6382	54	56	28	63	82	CC.. 1204..	1,000

Riferimento Referencia					Nm
63.12.2430	1425	5607	5003	5002	0.9
63.15.2940	1240	5615	5004	5002	3.0
63.20.3950	1240	5615	5004	5025	3.0
63.24.4965	1250	5620	5005	5003	4.0
63.28.6382	1250	5620	5006	5003	4.0

CC..

Inserti romboidali positivi 80° con angolo di spoglia 7°.
Plaquetas rómbicas positivas 80° con 7° incidencia. F12

Riferimento / Ref.	l	s	d
CC.. 0602..	6,45	2,38	6,35
CC.. 09T3..	9,65	3,97	9,52
CC.. 1204..	12,90	4,76	12,70



CCGT-AL



CCMT

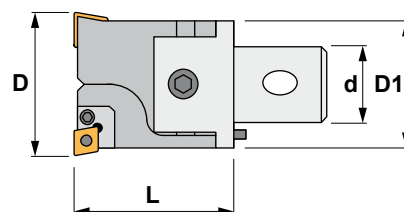


CCMW

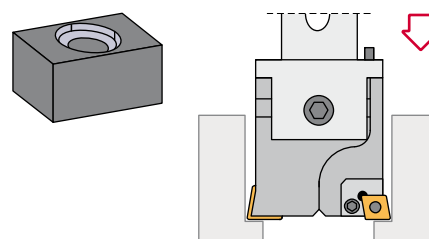




Caratteristiche:
Testina di alesatura per sgrossatura.



Características:
Cabezal de desbaste.



63.36/60

Riferimento Referencia	D1	L	d	Dmin	Dmass. Dmax	Dimensioni inserto Medida plaquita	Kg
63.36.080102	68	86	36	80	102	CC.. 1204..	2,200
63.50.100125	85	100	50	100	125	CC.. 1204..	4,000
63.60.125160	110	100	60	125	160	CC.. 1204..	6,550
63.60.160220	145	100	60	160	220	CC.. 1204..	8,700

Riferimento Referencia						Nm
63.36.080102	1250	5620	5508	5004	6312	4.0
63.50.100125	1250	5620	5508	5005	6312	4.0
63.60.125160	1250	5620	5508	5005	6412	4.0
63.60.160220	1250	5620	5508	5005	6412	4.0

CC..

Inserti romboidali positivi 80° con angolo di spoglia 7°. F12
Plaquetas rómbicas positivas 80° con 7° incidencia.

Riferimento / Ref.

l

s

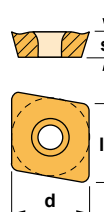
d

CC.. 1204..

12,90

4,76

12,70



CCGT-AL



CCMT



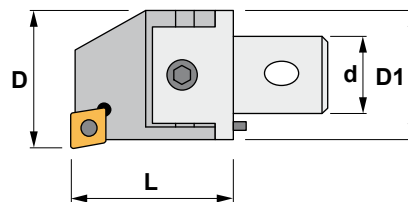
CCMW





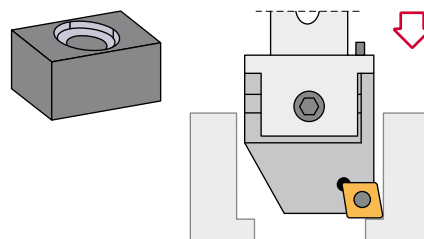
Caratteristiche:

Testine di alesatura per finitura.
Vite di regolazione micrometrica
con una precisione di 0,01 mm Ø.



Características:

Cabezal de acabado.
Selector graduado, lectura con
precisión de 0,01 mm Ø.



64.12/28

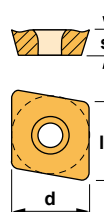
Riferimento Referencia	D1	L	d	Dmin	Dmass. Dmax	Dimensioni inserto Medida plaquita	Kg
64.12.2430	22	34	12	24	30	CC.. 0602..	0,075
64.15.2940	27	42	15	29	40	CC.. 09T3..	0,150
64.20.3950	32	45	20	39	50	CC.. 09T3..	0,250
64.24.4965	42	56	24	49	65	CC.. 1204..	0,450
64.28.6382	54	56	28	63	82	CC.. 1204..	0,900

Riferimento Referencia					Nm
64.12.2430	1425	5607	5003	5002	0.9
64.15.2940	1240	5615	5004	5002	3.0
64.20.3950	1240	5615	5004	5025	3.0
64.24.4965	1250	5620	5005	5003	4.0
64.28.6382	1250	5620	5006	5003	4.0

CC..

Inserti romboidali positivi 80° con angolo di spoglia 7°. F12
Plaquetas rómbicas positivas 80° con 7° incidencia.

Riferimento / Ref.	l	s	d
CC.. 0602..	6,45	2,38	6,35
CC.. 09T3..	9,65	3,97	9,52
CC.. 1204..	12,90	4,76	12,70



CCGT-AL



CCMT



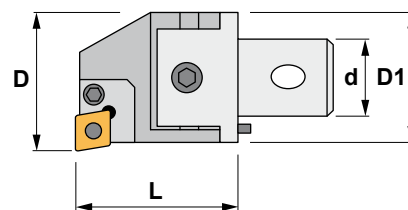
CCMW





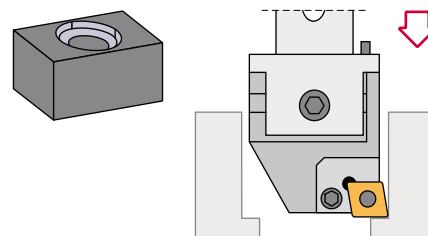
Caratteristiche:

Testina di alesatura per finitura.
Vite di regolazione micrometrica
con una precisione di 0,01 mm Ø.



Características:

Cabezal de acabado.
Selector graduado, lectura con
precisión de 0,01 mm Ø.



64.36/60

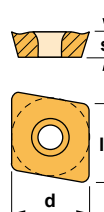
Riferimento Referencia	D1	L	d	Dmin	Dmass. Dmax	Dimensioni inserto Medida plaquita	Kg
64.36.080102	68	86	36	80	102	CC.. 1204..	2,050
64.50.100125	85	100	50	100	125	CC.. 1204..	3,700
64.60.125160	110	100	60	125	160	CC.. 1204..	6,150
64.60.160220	145	100	60	160	220	CC.. 1204..	8,050

Riferimento Referencia						Nm
64.36.080102	1250	5620	5508	5004	6312	4.0
64.50.100125	1250	5620	5508	5005	6412	4.0
64.60.125160	1250	5620	5508	5005	6412	4.0
64.60.160220	1250	5620	5508	5005	6412	4.0

CC..

Inserti romboidali positivi 80° con angolo di spoglia 7°. F12
Plaquetas rómbicas positivas 80° con 7° incidencia.

Riferimento / Ref.	l	s	d
CC.. 1204..	12,90	4,76	12,70



CCGT-AL



CCMT



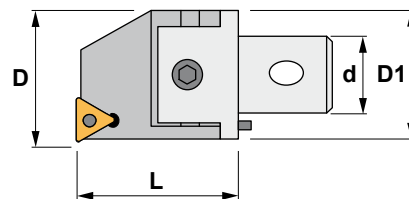
CCMW





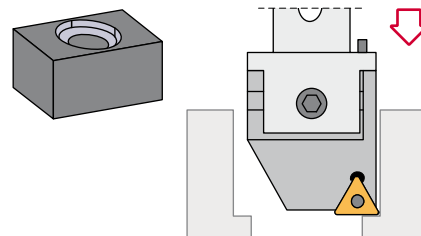
Caratteristiche:

Testina di alesatura per finitura.
Vite di regolazione micrometrica
con una precisione di 0,01 mm Ø.



Características:

Cabezal de acabado.
Selector graduado, lectura con
precisión de 0,01 mm Ø.



66.20/28

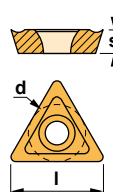
Riferimento Referencia	D1	L	d	Dmin	Dmass. Dmax	Dimensioni inserto Medida plaquita	
66.20.3950	32	45	20	39	50	TC.. 16T3..	0,250
66.24.4965	42	56	24	49	65	TC.. 16T3..	0,450
66.28.6382	54	66	28	63	82	TC.. 16T3..	0,900

Riferimento Referencia					Nm
66.20.3950	1240	5615	5004	5025	3.0
66.24.4965	1240	5615	5005	5003	4.0
66.28.6382	1240	5615	5006	5003	4.0

TC..

Inserti triangolari positivi con angolo di spoglia 7°.
Plaquitas triangulares positivas con 7° incidencia. F21

Riferimento / Ref.	l	s	d
TC.. 16T3..	16,50	3,97	9,52



TCGT-AL



TCMT-39



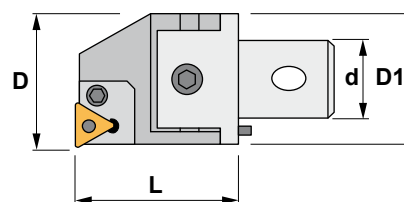
TCMW





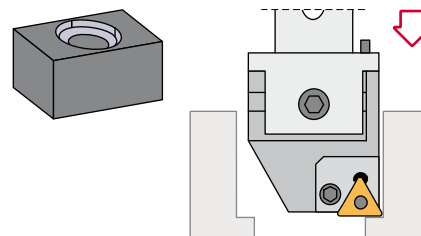
Caratteristiche:

Testina di alesatura per finitura.
Vite di regolazione micrometrica
con una precisione di 0,01 mm Ø.



Características:

Cabezal de acabado.
Selector graduado, lectura con
precisión de 0,01 mm Ø.



66.36/60

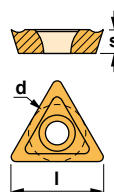
Riferimento Referencia	D1	L	d	Dmin	Dmass. Dmax	Dimensioni inserto Medida plaquita	Kg
66.36.080102	68	86	36	80	102	TC.. 16T3..	2,050
66.50.100125	85	100	50	100	125	TC.. 16T3..	3,700
66.60.125160	110	100	60	125	160	TC.. 16T3..	6,150
66.60.160220	145	100	60	160	220	TC.. 16T3..	8,050

Riferimento Referencia						Nm
66.36.080102	1240	5615	5508	5004	6316	4.0
66.50.100125	1240	5615	5508	5005	6416	4.0
66.60.125160	1240	5615	5508	5005	6416	4.0
66.60.160220	1240	5615	5508	5005	6416	4.0

TC..

Inserti triangolari positivi con angolo di spoglia 7°.
Plaquetas triangulares positivas con 7° incidencia. F21

Riferimento / Ref.	l	s	d
TC.. 16T3..	16,50	3,97	9,52



TCGT-AL



TCMW



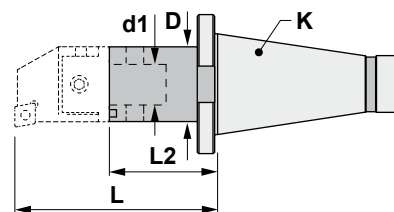
TCMT-39





Caratteristiche:
Mandrino per testine di alesatura.
DIN 2080

Características:
Cono para cabezales de mandrinar.
DIN 2080



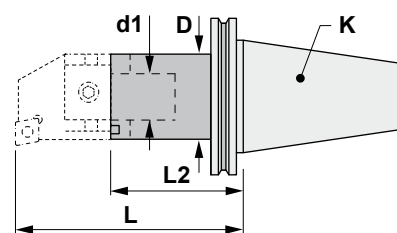
10.700

Riferimento Referencia	K ISO	D	L	L2	d1	 Kg
10.700.30.12/100	30	22	113	79	12	0,450
10.700.30.15/100	30	27	113	100	15	0,550
10.700.30.20/100	30	32	113	68	20	0,600
10.700.40.12/100	40	22	115	81	12	0,950
10.700.40.15/100	40	27	115	73	15	1,050
10.700.40.20/100	40	32	115	70	20	1,100
10.700.40.24/160	40	42	175	119	24	1,850
10.700.40.28/160	40	54	175	109	28	2,300
10.700.40.36/160	40	68	176	90	36	2,500
10.700.50.12/100	50	22	119	85	12	2,850
10.700.50.15/100	50	27	119	77	15	2,900
10.700.50.20/130	50	32	149	104	20	3,150
10.700.50.24/160	50	42	179	123	24	3,700
10.700.50.28/160	50	54	179	113	28	4,250
10.700.50.36/200	50	68	220	134	36	5,650
10.700.50.50/200	50	85	281	181	50	6,350
10.700.50.60/260	50	100	281	181	60	11,000



Caratteristiche:
Mandrino per testine di alesatura.
DIN 69871-A

Características:
Cono para cabezales de mandrinar.
DIN 69871-A



11.700

Riferimento Referencia	K ISO	D	L	L2	d1	 Kg
11.700.40.12/100	40	22	138	104	12	1,200
11.700.40.15/100	40	27	138	96	15	1,250
11.700.40.20/100	40	32	138	93	20	1,500
11.700.40.24/160	40	42	182	126	24	1,900
11.700.40.28/160	40	54	182	116	28	2,300
11.700.40.36/160	40	68	183	97	36	2,600
11.700.50.12/100	50	22	138	104	12	3,350
11.700.50.15/100	50	27	138	96	15	3,400
11.700.50.20/130	50	32	168	123	20	3,600
11.700.50.24/160	50	42	198	142	24	4,200
11.700.50.28/160	50	54	198	132	28	4,700
11.700.50.36/200	50	68	223	137	36	5,650
11.700.50.50/200	50	85	224	124	50	6,200
11.700.50.60/260	50	100	284	184	60	10,850



I

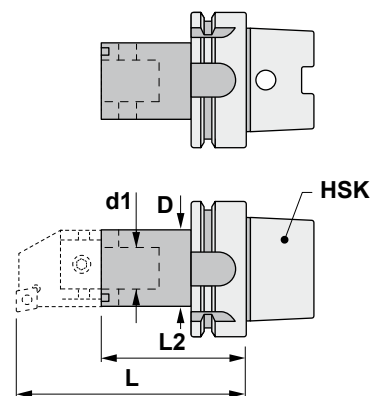


Caratteristiche:

Mandrino per testine di alesatura.
DIN 69893-1 / Forma A

Características:

Cono para cabezales de mandrinar.
DIN 69893-1 / Forma A



16.700

Riferimento Referencia	HSK	D	L	L2	d1	 Kg
16.700.63.12/055	63	22	81	47	12	0,700
16.700.63.12/110	63	22	136	102	12	0,840
16.700.63.15/065	63	27	91	49	15	0,730
16.700.63.15/110	63	27	110	68	15	0,910
16.700.63.20/075	63	32	101	56	20	0,780
16.700.63.20/120	63	32	120	75	20	1,050



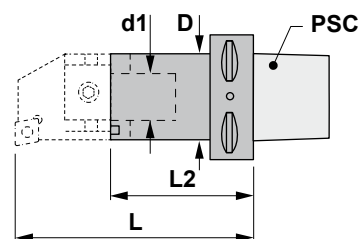


Caratteristiche:

Mandrino per testine di alesatura.
PSC ISO 26623-1

Características:

Cono para cabezales de mandrinar.
PSC ISO 26623-1



18.700

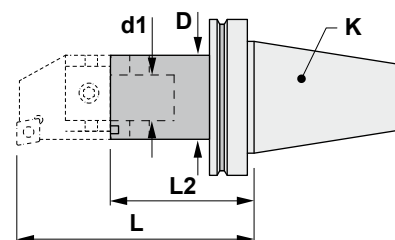
Riferimento Referencia	PSC	D	L	L2	d1	 Kg
18.700.63.12/055	63	22	77	43	12	0,750
18.700.63.12/110	63	22	132	98	12	0,920
18.700.63.15/065	63	27	87	45	15	0,880
18.700.63.15/110	63	27	132	90	15	1,080
18.700.63.20/075	63	32	97	52	20	1,000
18.700.63.20/120	63	32	142	97	20	1,280





Caratteristiche:
Mandrino per testine di alesatura.
MAS BT

Características:
Cono para cabezales de mandrinar.
MAS BT



20.700

Riferimento Referencia	K ISO	D	L	L2	d1	 kg
20.700.40.12/100	40	22	130	96	12	1,200
20.700.40.15/100	40	27	130	88	15	1,250
20.700.40.20/100	40	32	130	100	20	1,600
20.700.40.24/160	40	42	190	134	24	2,050
20.700.40.28/160	40	54	190	124	28	2,550
20.700.40.36/160	40	68	181	95	36	2,550
20.700.50.12/100	50	22	141	107	12	3,850
20.700.50.15/100	50	27	141	99	15	3,950
20.700.50.20/130	50	32	171	126	20	4,200
20.700.50.24/160	50	42	201	145	24	5,200
20.700.50.28/160	50	54	201	135	28	5,800
20.700.50.36/200	50	68	242	156	36	6,650
20.700.50.50/200	50	85	242	142	50	7,400
20.700.50.60/260	50	100	302	202	60	12,300



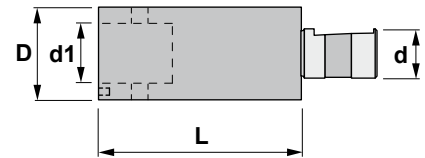


Caratteristiche:

Prolunghe DIN 1835 per mandrini
per le testine di alesatura.

Características:

Extensiones DIN 1835 para conos
para los cabezales de mandrinar.



60.62/64

Riferimento Referencia	D	d	L	d1	
60.62.15	27	20	30	15	0,100
60.63.12	22	20	30	12	0,120
60.63.15	27	20	45	15	0,230
60.64.24	42	25	60	24	0,500



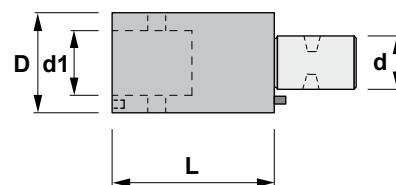


Caratteristiche:

Prolunghe per mandrini per le testine di alesatura.

Características:

Extensiones para conos para los cabezales de mandrinar.



60.12/24

Riferimento Referencia	D	d	L	d1	
60.12.12/20	22	12	20	12	0,050
60.12.12/30	22	12	30	12	0,100
60.15.15/30	27	15	30	15	0,130
60.15.15/45	27	15	45	15	0,190
60.20.20/35	32	20	35	20	0,200
60.20.20/52	32	20	52	20	0,270
60.24.24/40	42	24	40	24	0,400
60.24.24/60	42	24	60	24	0,600

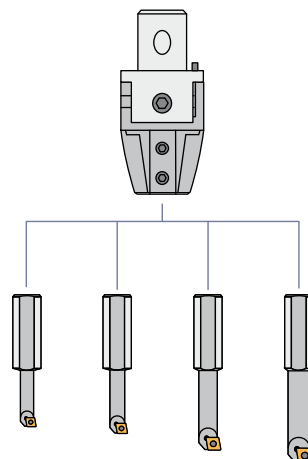


**Caratteristiche:**

Kit di testina di alesatura per
sgrossatura e utensili.

Características:

Set de cabezal de desbaste
y barras de mandrinar.



SET-97

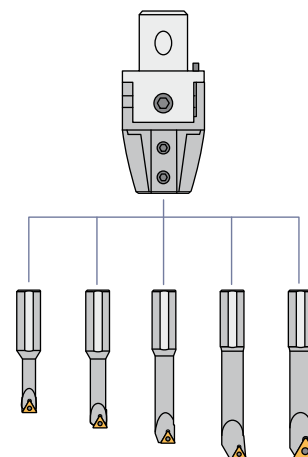
Riferimento Referencia	Testina di alesatura Cabezal de mandrinar	Utensile Barra de mandrinar	Gamma foro Rango del agujero		
			min	max	
SET-97 SCLC	97.24.16	S0816F SCLC R 06	10	28	1,020
		S1016G SCLC R 06	13	31	
		S1216H SCLC R 06	16	34	
		S1616I SCLC R 09	20	38	

**Caratteristiche:**

Kit di testina di alesatura per
sgrossatura e utensili.

Características:

Set de cabezal de desbaste
y barras de mandrinar.



SET-97

Riferimento Referencia	Testina di alesatura Cabezal de mandrinar	Utensili Barra de mandrinar	Gamma foro Rango del agujero		
			min	max	
SET-97 STFC	97.24.16	S0816F STFC R09	10	28	1,140
		S1016G STFC R 09	13	31	
		S1216H STFC R 09	16	34	
		S1216I STFC R 09	20	38	
		S1616I STFC R 16	20	38	

1 TIPO / MODELO

10.700



11.700



16.700



18.700



20.700



60.62/24



60.12/24



2 DIMENSIONI / MEDIDA

ISO

30

40

50

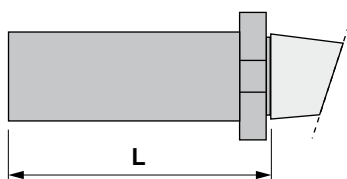
HSK

63

PSC

63

3 LUNGHEZZA / LONGITUD (L)



Ø DIAMETRO / DIÁMETRO



PINZA

NOTE / ANOTACIONES: