



CATALOGO PRODOTTI

PRODUCTS CATALOGUE



PINZE MONOMANDRINO COLLETS FOR SINGLE-SPINDLE



**PINZE A SPINTA DIN 6343; PINZE A DOPPIO CONO;
PINZE DI AVANZAMENTO BARRA; PINZE REGISTRABILI IN
METALLO DURO; BUSSOLE FISSE IN METALLO DURO; PINZE
PORTA UTENSILI.**



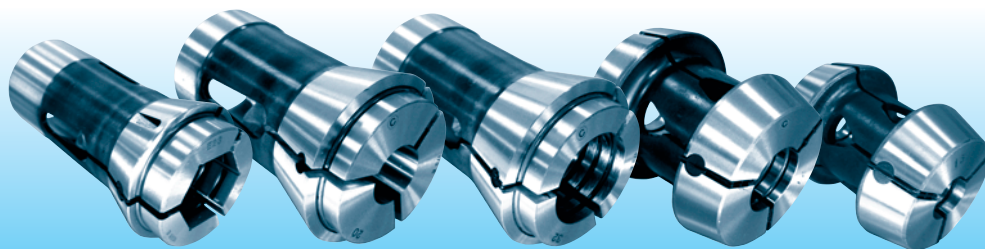
**COLLETS DIN 6343; DOUBLE CONE COLLETS; FEED
FINGERS; HARD METAL ADJUSTABLE COLLETS; HARD METAL
GUIDE BUSHINGS; TOOL HOLDER COLLETS.**



**CHIA-MO SRL
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40011 ANZOLA DELL'EMILIA
BOLOGNA ITALY**

**TEL +39 051734153
FAX +39 051734958**

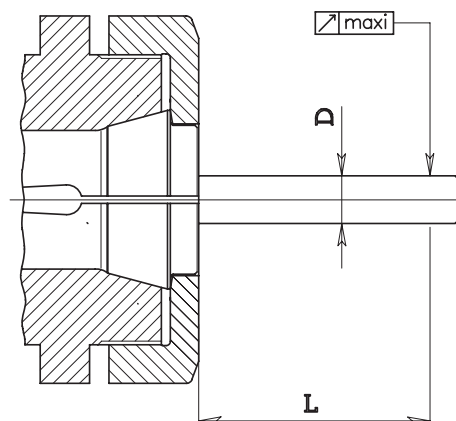
**WWW.CHIAMO.IT
INFO@CHIAMO.IT**



PROVA DI CONCENTRICITÀ

ROTATIONARY CONCENTRICITY TEST

Alesaggio (Bores)		L	limite max di concentricità (max concentricity limit)
0,5	1	3	0,015
1	1,6	6	0,02
1,6	3	10	0,02
3	6	16	0,02
6	10	25	0,02
10	18	40	0,03
18	24	50	0,03
24	30	60	0,03
30	50	80	0,04
50		100	0,04



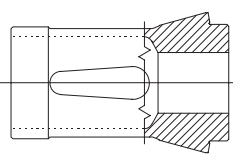
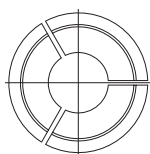
Le pinze Chia-mo sono costruite con acciaio certificato altamente legato.

Tutto il ciclo produttivo viene svolto nella nostra officina con macchine utensili di alta precisione in accordo alla normativa DIN 6343 ed è rigorosamente controllato.

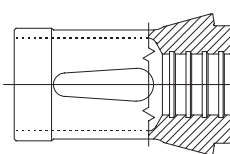
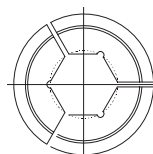
Chia-mo collets are produced with certified top quality steel. All production cycle is carried out in our factory with high precision machines according to DIN 6343 specification and is carefully controlled.

FORMA DEGLI ALESAGGI

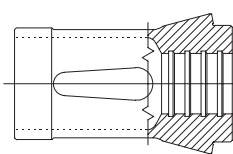
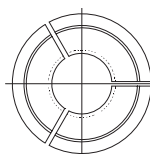
CLAMPING FORM



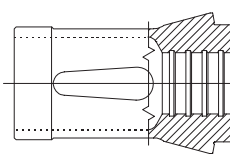
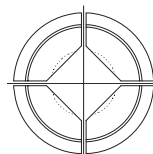
L
LISCIO
SMOOTH



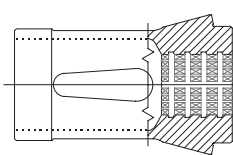
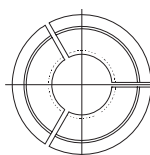
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HEXAGONAL



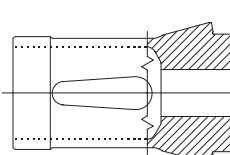
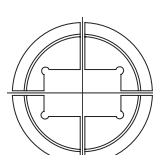
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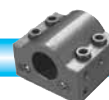
Q
QUADRATO
SQUARE



Z
ZIGRINATO*
SERRATED*
* su richiesta
* on request



61
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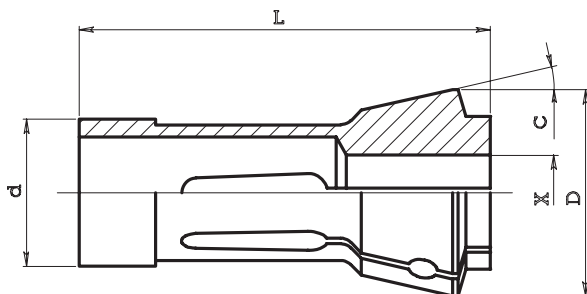




PINZE SPINTE Tipo 010

DIN 6343

COLLETS

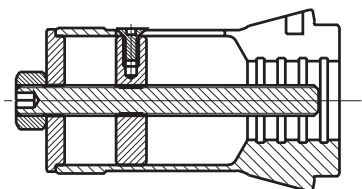


Code						max bore		
ART.		d	D	L	C	alesaggio max		
						○	⬡	□
010.006	101 E	8	12	42	16°	6	—	—
010.013	110 E	10	16	43	15°	7	—	—
010.014	109 E	10	16	47	20°	7	6	5
010.019		12	17	27	20°	8.5	—	—
010.025	117 E	14	18	46	13°	10	8	7
010.027		12	18	64	16°	10	8	7
010.028	116 E	13	19	64	16°	10	8	7
010.029	120 E	15	21	64	16°	12	10	9
010.030	121 E	15	22	47	20°	10	9	7
010.032	123 E	16	22	55	15°	12	10	7
010.036		18	23	52		13	—	—
010.038	127 E	18	25	67	15°	12	10	9
010.042	136 E	20	26	54	15°	16	12	10
010.043	1299E	20	27.5	60	15°	17	15	12
010.045	138 E	20	28	67	16°	16	12	10
010.049	139 E	22	28	67	13°	16	12	10
010.051	140 E	22	30	55	15°	18	15	12
010.053	1323E	22	32	66	16°	18	15	12
010.060	143 E	25	31	54	15°	21	18	15
010.063	144 E	25	34	65	15°	20	17	14
010.064	145 E	25	35	77	16°	20	17	14

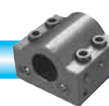
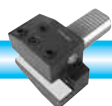
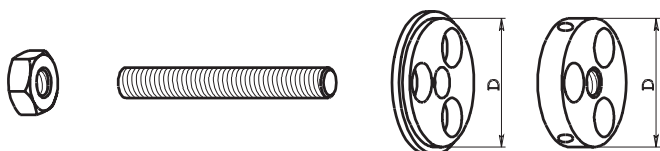
Code						max bore		
ART.		d	D	L	C	alesaggio max		
						○	⬡	□
010.065	146 E	26	32	67	13°	20	17	14
010.067	147 E	27	38	72.7	15°	23	19	16
010.070	148 E	28	38	70	15°	23	20	16
010.074	1446E	30	38	65	15°	25	22	18
010.078	157 E	30	42	80	16°	25	22	18
010.084	161 E	32	45	75	15°	26	22	18
010.086	1473E	32	40	65	15°	26	22	18
010.092	162 E	35	43	70	15°	25	22	18
010.093	163 E	35	48	80	15°	30	26	22
010.101	1536E	37	47	92	16°	32	27	22
010.102		38	50.3	86	15°	32	29	22
010.111	171 E	42	55	94	15°	36	32	25
010.115		44	51.7	92	16°	37	32	26
010.117	173 E	48	60	94	15°	42	36	30
010.121		52	63	92	15°	46	38	32
010.122		52	65	94	15°	46	38	32
010.127	177 E	58	70	94	15°	52	45	36
010.130		60	72	102	15°	54	40	32
010.133	185 E	66	84	110	15°	60	52	42
010.140		80	98	115	15°	70	60	50
010.147		95	117	125	15°	80	68	56
010.150		115	135	140	15°	100	86	80

FERMI PER PINZE Tipo 011

COLLET STOPPERS



Code	For Collets	
ART.	per pinza	D
011.051	010.051	17
011.084	010.084	26
011.117	010.117	42.5
011.127	010.127	52.3
011.133	010.133	60,5





PINZE DI EMERGENZA Tipo 010

EMERGENCY COLLETS

CARATTERISTICHE:

Le pinze di emergenza possono essere facilmente lavorate dal cliente per eseguire una presa pezzo con le dimensioni o la forma desiderata. Sono fornite con spine di registro per il serraggio sul mandrino. Hanno una durezza inferiore sulla "testa" (38/40 HRC) per permettere la lavorabilità.

ISTRUZIONI:

Inserire la pinza sul mandrino. Assicurarsi che le spine siano in posizione nella pinza. Chiudere la pinza. Eseguire la sgrossatura e la finitura al diametro desiderato.

SPECIFICATION:

Emergency collets can be easily bored out or machined by the customer to the desired size or shape. Pins are supplied for accurate machining. The head is soft (hardness 38/40 HRC) for machining to specific.

INSTRUCTION:

Insert the collet in the spindle. Be sure pins are in place in the collet. Close the collet. Rough and finish the bore to the chucking diameter of the part.

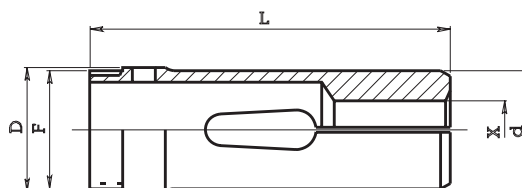


ART. (Code)		d	D	L	C
010.084 EM	161 E	32	45	75	15°
010.101 EM	1536 E	37	47	92	16°
010.117 EM	173 E	48	60	94	15°
010.133 EM	185 E	66	84	110	15°

PINZE DI AVANZAMENTO Tipo 012

FEED FINGERS COLLETS

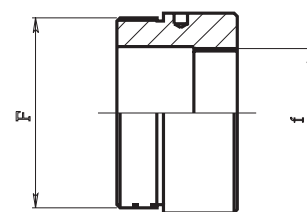
Code						max bores		
ART.	D	d	L	F sx	alesaggio max			
					○	◇	□	
012.007	207 E	18	16	70	16x1	12	11	9
012.009	217 E	21.5	20.5	70	20x1	16	14	11
012.025	220 E	24	22	85	22x1	18	16	13
012.037	236 E	30	29	95	28x1	25	22	17
012.038	237 E	31	29	90	29x1	25	22	17
012.052		36	35	116	34x1	30	26	20
012.060	254 E	42	40	116	40x1	36	30	25
012.073	260 E	52	50	116	50x1	46	40	32
012.077		54	52	130	51x1	46	40	32
012.083	273 E	60	58	140	58x1	52	45	36



ADATTATORI PER PINZE DI AVANZAMENTO Tipo 013

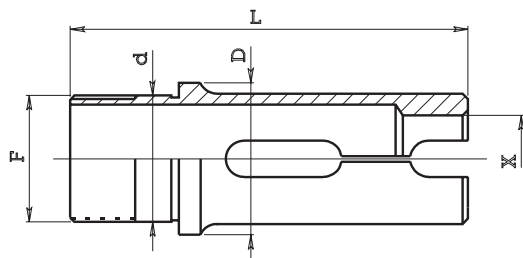
FEED FINGERS FITS

Code						Machine
ART.	F sx	f sx	da	a		MACCHINA
013.101	22x1	16x1	012.025	012.007		INDEX 18 riduzione a INDEX 12
013.102	28x1	22x1	012.037	012.025		INDEX 24 riduzione a INDEX 18
013.103	29x1	22x1	012.038	012.025		INDEX 25 riduzione a INDEX 18
013.104	40x1	28x1	012.060	012.037		INDEX 36/B42 riduzione a INDEX 24/B30
013.105	40x1	29x1	012.060	012.038		INDEX 36/B42 riduzione a INDEX 25
013.106	58x1	40x1	012.083	012.060		INDEX 52/B60 riduzione a INDEX 36/B42

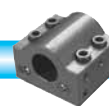
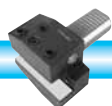


PINZE DI AVANZAMENTO CON MANDATA ESTERNA Tipo 014

FEED FINGERS WITH OUTSIDE SPRING CATCH



Code						max bores		
ART.	D	d	L	F	alesaggio max			
					○	◇	□	
014.003	242 E	42	36	120	36x1.5	30	26	21
014.006	259 E	56	50	138	50x1.5	42	36	29
014.012	278 E	75	68	138	68x1.5	60	52	42

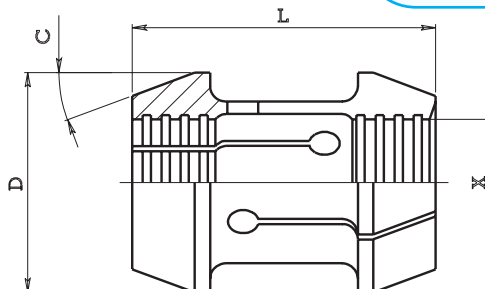




PINZE A DOPPIO CONO Tipo 016

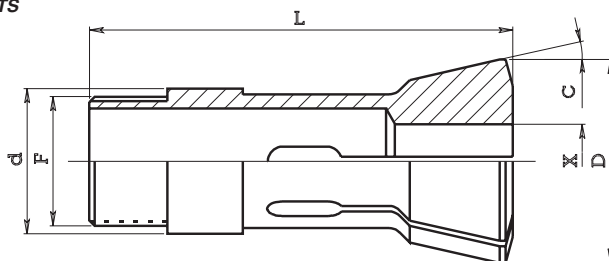
DOUBLE CONE COLLETS

Code	D	L	C	max bores		
				alesaggio max		
ART.	D	L	C	○	⬡	□
016.024	34	56	17°30'	26	22	18
016.052	34.5	74	25°	26	22	18
016.054	26	55	25°	15	13	10
016.055	50	80	20°	36	31	25
016.043	60	80	17°	45	39	30
016.056	69.5	100	18°	60	52	42
016.051	70	80	16°	52	43	36
016.057	72	100	17°	56	50	40
016.062	81	90	17°	60	52	42
016.070	91	100	17°	70	62	50
016.080	108	105	17°	80	68	56
016.100	130	120	17°	100	86	70
016.120	155	130	16.45°	120	105	95



PINZE TIRATE Tipo 018

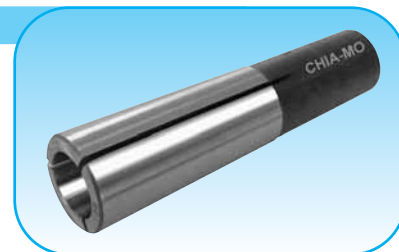
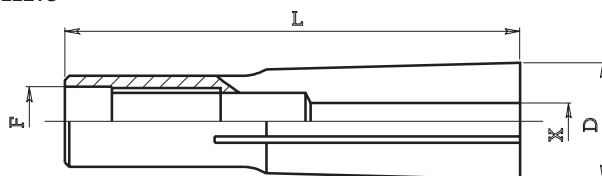
DRAW BACK COLLETS



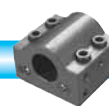
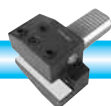
Code	ART.	d	D	L	C	F		max bores		
								alesaggio max		
								○	⬡	□
018.020	324E	15	21.5	55	20°	13x1		13	—	—
018.028	349E	20	26.3	73	15°	19.7x1.66	a dente di sega	20	—	—
018.046		25	33.5	87.5	16°	23x1		22	—	—
018.048		25	33.7	97.6	15°	24.7x15	a dente di sega	25	20	16

PINZE PORTA UTENSILI A CONO MORSE Tipo 020

MORSE TAPER COLLETS



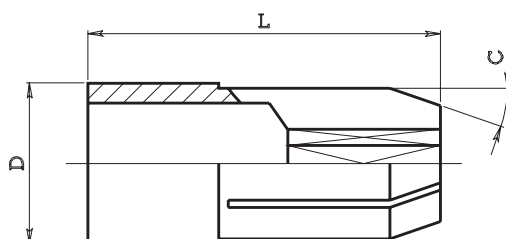
Code								Machine
ART.	D	L	F	C.M.	X		progr.	MACCHINA
					min	max		
020.200	18	69	M10	2	2	14	0.25	GIORGI GM20-25-30-32 / ITS TCA 301 / SAIC B26 DIPLOMATIC FR50 / STEINEL SH1-SV1-SV3-5 / BRIDGEPORT testa M (F3/8"-16)
020.300	24	86	M12	3	2	18	0.5	CLARKSON affilatrice MARK1 / RAVETTA PB32 DIPLOMATIC FR70 / ITS 36-60 / SAIC B45





PINZE PER ROTANTI Tipo 039

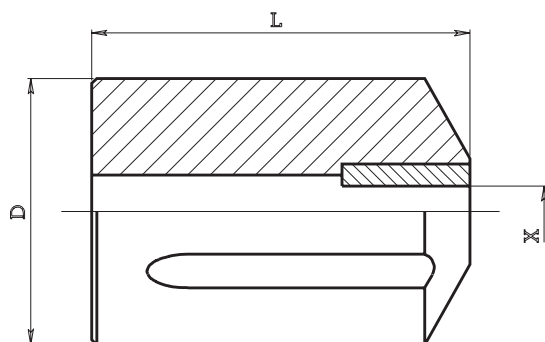
REVOLVING COLLETS



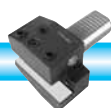
ART. (Code)	D	L	C	macchine (machines)
039.110	9	30	19°	STROHM M4-5 / TORNOS M4-T4
039.130	15	35	19°	STROHM 105-125 / TORNOS M10-R10
039.150	16	35	19°	STROHM 105-125 / TOBRE 10 / TORNOS M10-R10
039.220	28	45	29°	STROHM 205 / TORNOS M20-RR20
039.230	32	45	19°	STROHM 255 / TORNOS M25

BUSSOLE GUIDA BARRA FISSE IN METALLO DURO Tipo 040

HARD METAL FIXED BUSHES



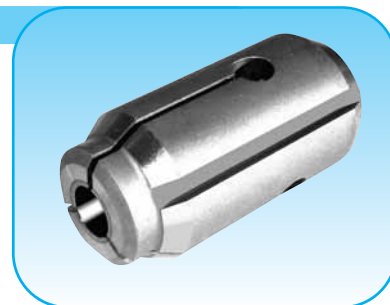
ART. (Code)	D	L	X max	macchine (machines)
040.011	10	18	4.5	STROHM M4-5 / TORNOS M3
040.020	13	30	8	PETERMAN 1-P4 / TORNOS M4-M6-T4-TV / BECHLER A7
040.031	15	30	10	STROHM M75-105-125 / TORNOS M7
040.040	16	30	10	PETERMAN P7-P7R / BECHLER A10 / STROHM M75-105-125
040.050	20	30	13	BECHET 1068-1268 / STROHM 125 / BECHLER A10 / PETERMAN 10-10H7
040.051	22	35	13	TORNOS R10
040.060	25	35	18	PETERMAN 10-10HS-10R-10HSR / OCEA THF25
040.073	32	45	24	STROHM 205-255 / TORNOS M15-R16-RR20-M25 / OCEA THF40
040.080	35	45	22	PETERMAN 2A-2AR-P16-P20
040.090	40	45	30	TORNOS M20-M25-M28 / BECHET 2568 / PETERMAN P25



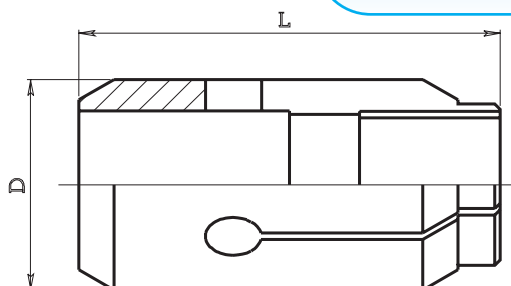


BUSSOLE GUIDA BARRA IN METALLO DURO REGISTRABILI (spinte)

HARD METAL ADJUSTABLE BUSHES (THRUST)

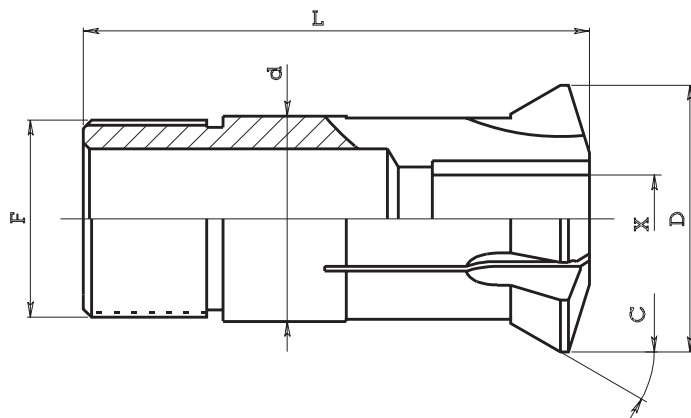
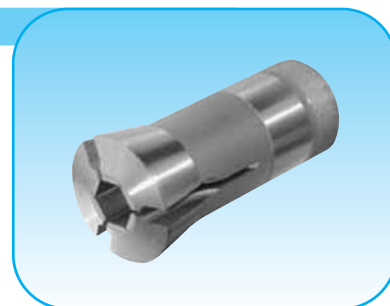


ART. (Code)	D	L	macchine (machines)
041.108	8	30	BECHLER A4-A7
041.116	16	40	BECHLER A7-A10-AE10
041.120	20	40	BECHLER A10
041.130	30	60	BECHLER B12-16-20
041.134	34	60	BECHLER B12-16-20
041.142	42	72	BECHLER C26
041.148	48	73	BECHLER C32

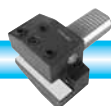


BUSSOLE GUIDA BARRA IN METALLO DURO REGISTRABILI (tirate)

HARD METAL ADJUSTABLE BUSHES (DRAW BACK)



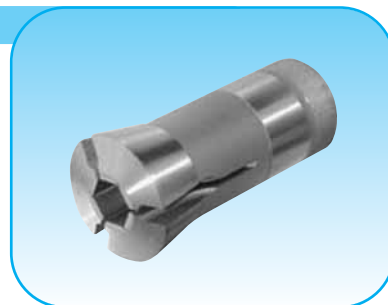
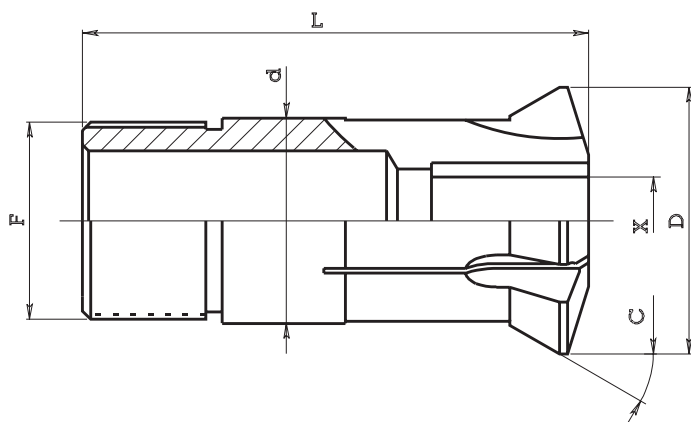
ART. (Code)	d	D	L	C	F	X max	macchine (machines)
042.010	7	9.5	30	16°	6x0.5	3.5	PETERMAN P3
042.030	9	11.5	25	30°	6x0.5 int.	4.5	PETERMAN P4
042.040	9	12.5	44	16°	8x0.75	4.5	TORNOS M4-T4-TV / PETERMAN P4 / CITIZEN L10-L10 WATCH
042.050	9	13	52	30°	9x0.7	4.5	TORNOS M4-T4-TV / BECHLER A-AR-AS4 / GAUTHIER 1H-GM75-GM17 STROHM M 45
042.060	10	14	57	36°	10x1	4.5	TORNOS M4
042.070	11	14.5	53	16°	10x0.75	7	TORNOS M7 / TSUGAMI NP-4W / TSUGAMI MORI B207III
042.080	12	15.5	50	16°	10x0.75	7	PETERMAN P7
042.090	12	15	52	30°	12x1	7	TORNOS M7-TV-MS1 / BECHLER A-AR-AS7 / PETERMAN NO1R-P7-M7 STROHM M-SJ75K M75 / TSUGAMI NP-4W / TORNOS-BECHLER ENC 16-162-164
042.100	13	16	41.5	15°	12.5x0.75	9	BECHLER AE7 - AE10 - AR10
042.110	13	17	68	5°	13x1	9	TORNOS M7 MAGIC
042.120	14	18	64	16°	13x0.75	9	TORNOS R10
042.130	16	19.8	58	16°	14x1	10	TORNOS MV-R10 / PETERMAN P7R / BECHET RMA7-RMA17 STAR SCN10DX-JNC10-RNC10 / CITIZEN G10-D10-L10-L101-F12 NOMURA I-CAM NN 1053A / TORNOS-BECHLER ENC 16-162-164
042.140	16	20	55	30°	16x1	10	GIGY GL16 / PETERMAN P7R / TORNOS MV
042.150	18	24	69	36°	18x1	10	TORNOS MS7-R10 MAGIC
042.160	18	22	60	30°	18x1	12.7	TORNOS M10-R10-R125-MS7 / GIGY GL16



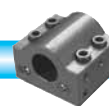
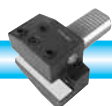


BUSSOLE GUIDA BARRA IN METALLO DURO REGISTRABILI (tirate)

HARD METAL ADJUSTABLE BUSHES (DRAW BACK)



ART. (Code)	d	D	L	C	F	X max	macchine (machines)
042.170	18	22	60	30°	16x1	12.7	TORNOS M10-R10-R125-MS7 / BECHLER A-AR-AS 10 / MANURHIN TRAMINER 13 STROHM M-SJ 125K-M 105-125 / CITIZEN D10-L10-L101-F12 TSUGAMI NT-NP 11 / TORNOS-BECHLER ENC 16-162-164
042.180	20	25	55	30°	20x1	13	BECHLER A-AR-AS 10 / PETERMAN 10-10HS-PS127 / GAUTHIER 1H-GM75-GM127 STROHM 75-105-125 / TORNOS-BECHLER ENC 16-162-164
042.200	21	24	57.4	12.5°	18x1	12	STAR VNC12-SNC15DX-JNC16-RNC16
042.210	22	29	68	16°	19x1	12	TORNOS M14-M15-R16-M17 / PETERMAN 10R-10HSR / STAR VNC 12 MANURHIN TRAMITER 16-20 KMX 20-26-220-226 / STROHM 205-255 TSUGAMI NT-NP16-NT-NP17-MARK11
042.212	22	29	68	16°	22x1		TRAUB TNL 16-16G / STROHM M-SJ 155K / NOMURA SN127-SN160-NN160C-D STAR SNC15DX-JNC16-RNC16-SST16-KIR16
042.220	24	30	61	30°	24x1	16	TORNOS M15-R16-M20-RR20 / TORNOS-BECHLER ENC 16-162-164 TOP100 PETERMAN P16 / CITIZEN E16-E16J-F16-G16-L16I-L16N-L16IV-L16VI-L16E TSUGAMI NT-NP16 NT-NP17 MARK11-BS12III / TORNOS DELTA 12
042.230	25	30	71	30°	25x1	16	TORNOS M14-M15-R16-M20-RR20 / PETERMAN 10R-10HSR / GAUTHIER GM15 BECHET RMA 12-RMA I 12-RMA 15-RMA I 15
042.240	27	30	57	13°	24x1	16	BECHLER BE 16-20
042.245	28	34	81	16°	25x1	20	STAR KNC16-VNC20-KNC20 / CITIZEN L20E-L20VI / TRAUB TNL16
042.246	28	38	81	30°	25x1	20	MANURHIN TRAMINER 20-KMX20-26-220-226 / GILDEMEISTER GLD 20 / TSUGAMI S20-NT-NP20-MARK11 / TORNOS DELTA 20
042.250	32	40	71	30°	32x1	21	TORNOS M20-RR20-M24-M25 / PETERMAN 2A-P16R-P20-2AR-P20R BECHET RMA19-RMA I 19 / GAUTHIER GM20 / CITIZEN D16-E20-F20 TSUGAMI NT-NP20
042.255	34	41	87.5	10°	34x1	25	MANURHIN KMX26-KMX226 / STAR SNC25DX-KJR25 / CITIZEN E25-F25 NOMURA NN20R-NN25R / TORNOS-BECHLER ENC 16-162-164 / GILDEMEISTER GLD 25 / TSUGAMI MORI B26III
042.260	35	40	65	12°	34x1	26	BECHLER CR26
042.270	40	45	65	12°	38x1	26	BECHLER C26-32
042.280	40	48	71	30°	40x1	26	PETERMAN P25-P25R / BECHET RMA25-RMA I 25-RMA32-RMA I 32-TCN32 GAUTHIER GM20-GM25
042.290	40	48	65	30°	40x1	26	BECHLER B-BR12 B-BR16 B-BR20
042.300	40	48	72	30°	36x1	25	TORNOS-BECHLER ENC 262-264 TOP200 / GILDEMEISTER GAC 25L STROHM M205-255 SN25C
042.302	41	46	54	10°	38x1	32	TSUGAMI MORI BS 32
042.305	42	49	81	16°	40x1	32	STAR JNC25-KNC32-JNC32-KNC32-VNC32 / CITIZEN E32 / GILDEMEISTER 32 TSUGAMI NT-NP32 NT-NP32 MARK11 / MIRABEL 321 MANURHIN
042.310	43	48	65	12°	42x1	32	BECHLER CR 35
042.320	44	53	87	20°	40x1	32	TORNOS MR32
042.325	46	53	92	16°	45x1	38	NEXTURN SA 38E
042.330	48	58	73	20°	48x1.25	32	TORNOS M25-M28-R28-MR32 / PETERMAN P25R
042.340	48	56	81	30°	48x1.25	32	BECHLER C-CR26 C-CR32





FORMA DEGLI ALESAGGI

CLAMPING FORM



(L) LISCIO
SMOOTH



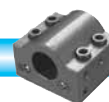
(Z) ZIGRINATO
SERRATED



(Q) QUADRATO
SQUARE



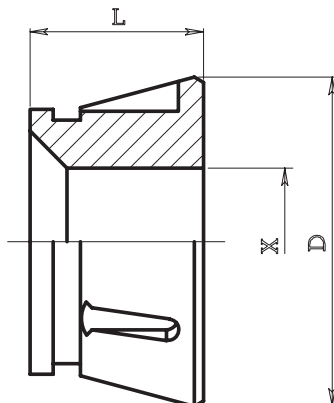
(E) ESAGONALE
HEXAGONAL





PINZE DI SERRAGGIO Tipo 015

CLAMPING COLLETS



CARATTERISTICHE:

- Semplifica e rende più rapido il cambio pinza
- Aumenta la rigidità del bloccaggio del pezzo da lavorare

CHARACTERISTICS:

- Simplified and quicker collet changing
- Increased rigidity in blocking the piece to be machined

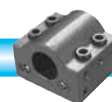
Code	Tippe			max bore		
ART.	Passaggio barra	D	L	alesaggio max		
				○	⬡	□
015.065 (L)	65	99.5	53	65	—	—
015.065 (Z-E-Q)	65	99.5	58	65	56	46
015.080 (Z-L-E-Q)	80	114.5	53	80	68	56

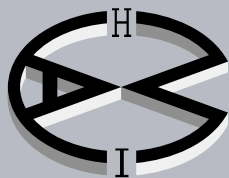
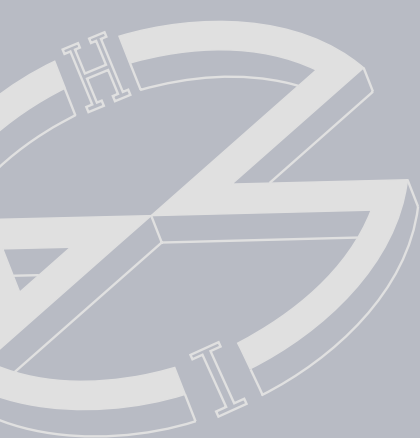
ATTREZZATURA PNEUMATICA PER CAMBIO PINZA

PNEUMATIC COLLETS CHANGE EQUIPMENT



Code	Collet Tipe	Collet Code
ART.	Passaggio barra Pinza	Art. pinza
015.065CH	65	015.065 (Z-L-E-Q)
015.080CH	80	015.080 (Z-L-E-Q)





CHIA-MO



DOVE SIAMO WHERE WE ARE



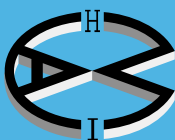
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