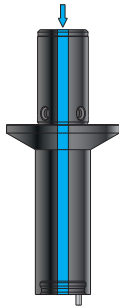
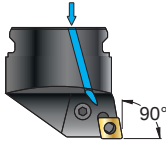
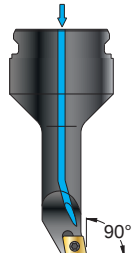
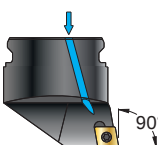
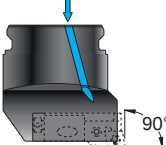
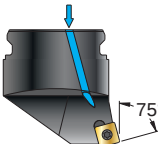
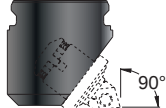
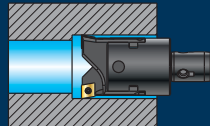
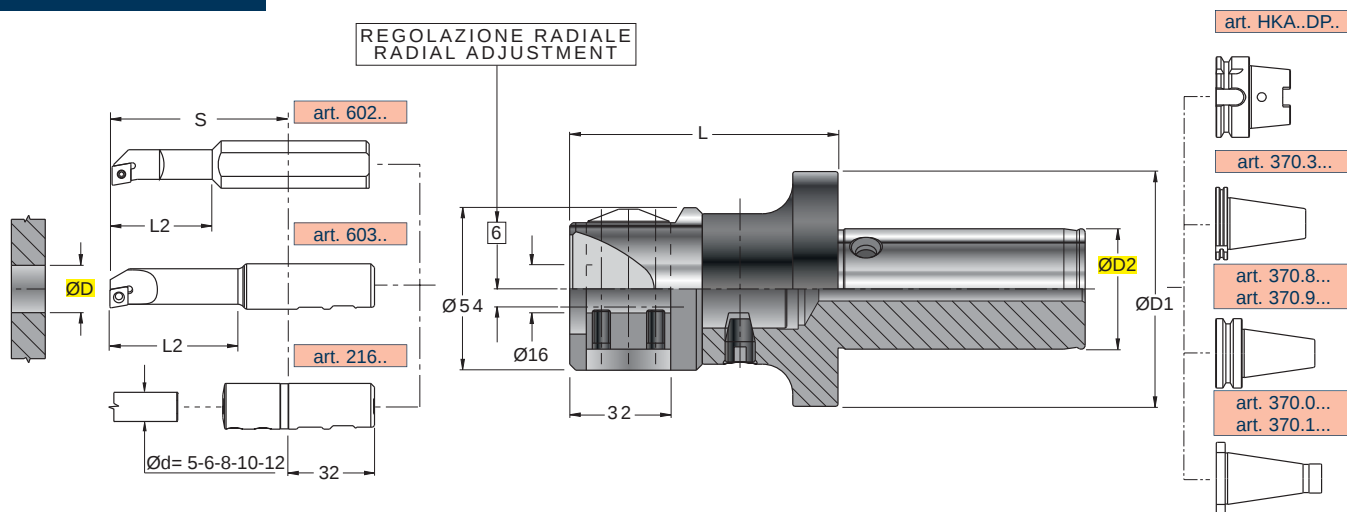


396		Pag. E 24	399		Pag. E 26	399/SP		Pag. E 27	289...012W		Pag. E 29		
	602...									$\varnothing D = 39,6 - 99,9$			
	603...												
	216...									CNMA CNMG CNMM 1204			
396..			399.063... 399.080...			399/SP...		289.012W					
602		Pag. E 25	603		Pag. E 25	288...W		Pag. E 27	289...S12W		Pag. E 29		
$\varnothing D = 13 - 24,9$			$\varnothing D = 5,8 - 41$					$\varnothing D = 14,8 - 31,9$		$\varnothing D = 39,6 - 99,9$			
				WC.. 0202									
				CC.. 0602									
602.016.006			603.160.W02 603.160.C06			288.032.006W 288.032.009W		CC.. 0602 09T3		289.S012W			
						289...PW		Pag. E 28	289...CA.W		Pag. E 30		
						$\varnothing D = 24,8 - 99,9$						$\varnothing D = 79,5 - 159,9$	
				289.009PW 289.012PW		CC.. 09T3 1204		289.CA.W		..12CA-..L ..16CA-..L			
						289...S...PW		Pag. E 28	290...		Pag. E 30		
						$\varnothing D = 24,8 - 99,9$						$\varnothing D = 26,0 - 159,9$	
				289.S09PW 289.S12PW		SC.. 09T3 1204		290...		L348C.31.0602 L348C.32. ... L348C.33. ... L348C.34. ...			

[illegible]

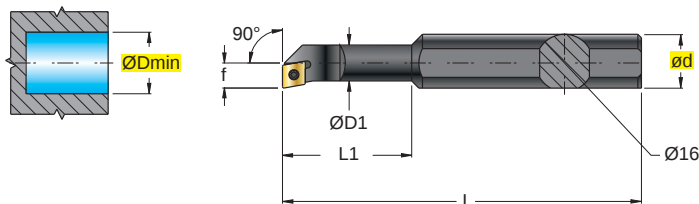
REGOLAZIONE RADIALE
RADIAL ADJUSTMENT

(mm)														
ART.	ØD2	ØD1	L	kg		RDU..Q..					ØD	S	L2	
396.063.026.016	32	63	89	1,76	395.026.016.000	RDU.063.050.Q26	GR10Q26	5025	5003	5005	603.050.160.W02	5,8-16	40	16
											603.060.160.W02	7,8-18	41	26
											603.080.160.C06	10-20	51	35
											603.125.160.C06	15-25	61	45
											603.170.160.C06	20-30	66	65
											603.220.160.C06	25-35	71	70
											603.270.160.C06	30-40	71	70
											603.320.160.C06	35-45	71	70
											602.016.010.006	13-23	68	36
											602.016.012.006	16-26	80	40
											602.016.016.006	20-30	93	45
396.080.026.016	40	78	89	2,38	395.026.016.000	RDU.080.050.Q26	GR10Q26	5025	5003	5005	603.050.160.W02	5,8-16	40	16
											603.060.160.W02	7,8-18	41	26
											603.080.160.C06	10-20	51	35
											603.125.160.C06	15-25	61	45
											603.170.160.C06	20-30	66	65
											603.220.160.C06	25-35	71	70
											603.270.160.C06	30-40	71	70
											603.320.160.C06	35-45	71	70
											602.016.010.006	13-23	68	36
											602.016.012.006	16-26	80	40
											602.016.016.006	20-30	93	45

	- ANELLO DI REGISTRAZIONE GRADUATO CON PASSO DI 0,01 mm SUL DIAMETRO - MINIMA REGOLAZIONE POSSIBILE CON NONIO 0,005 mm SUL DIAMETRO
	- GRADUATED ADJUSTMENT RING WITH PITCH OF 0,01mm ON DIAMETER - MINIMUM ADJUSTMENT POSSIBLE WITH 0,005 mm.NONIUS ON DIAMETER
	- SKALENRING ZUR EINSTELLUNG MIT 0,01mm-ABSTAND AM DURCHMESSER - MÖGLICHE KLEINSTE EINSTELLUNG MIT NONIUS 0,005mm AM DURCHMESSER
	- BAGUE D'ENREGISTREMENT GRADUÉE AVEC PAS DE 0,01 mm SUR LE DIAMÈTRE - MINIMUM RÉGLAGE POSSIBLE AVEC NONIUS 0.005 mm SUR LE DIAMÈTRE

Ø 13-24,9

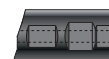
CC.. 0602



INSERTI - INSERTS
PAG. E 69

[illegible]

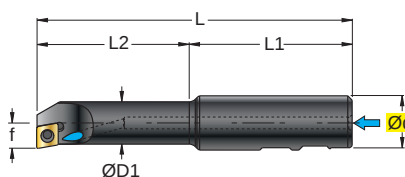
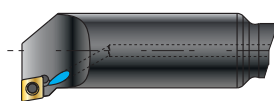
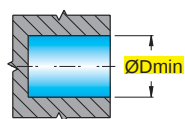
Ø 5,8-41



WC., 0201



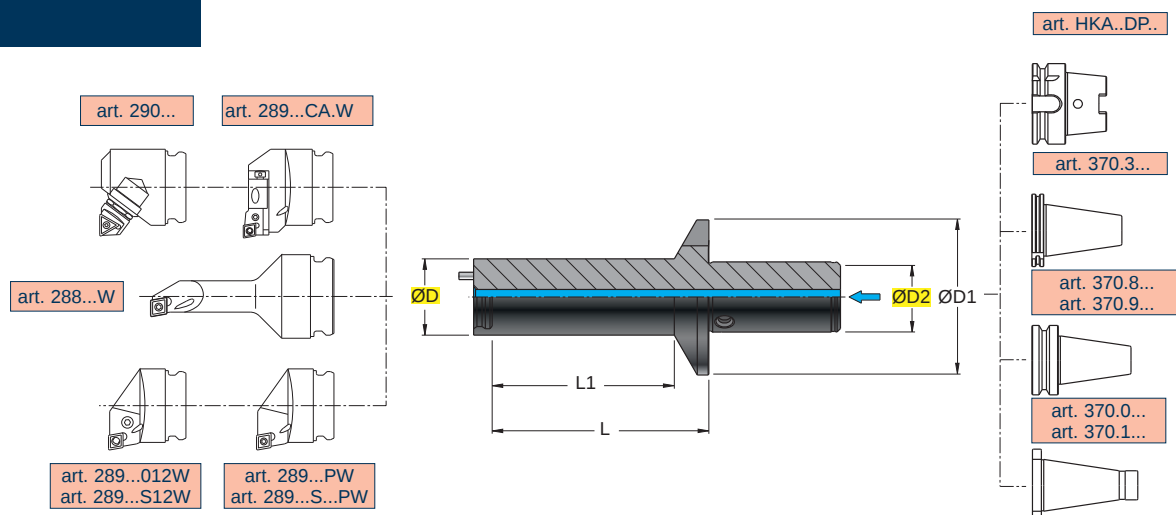
CC.. 0602



INSERTI - INSERTS
PAG. E 72/E 69

[illegible]

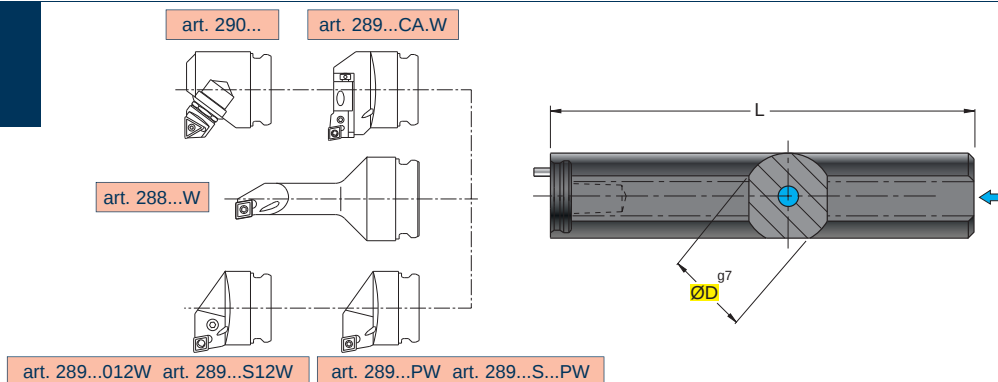
399... W



ART.	(mm)					kg					
	ØD2	ØD	ØD1	L	L1						
399.063.020.060W	32	20	63	52	35	0,79	---.020.---.---	477.020	GRT 14	5025	903.004.014.000
399.063.020.090W	32	20	63	82	65	0,85	---.020.---.---				
399.063.020.140W	32	20	63	131	115	0,96	---.020.---.---				
399.063.025.075W	32	25	63	62	46	0,87	---.025.---.---	477.025	GRT 18	5003	903.005.018.000
399.063.025.100W	32	25	63	87	72	0,96	---.025.---.---				
399.063.025.160W	32	25	63	146	132	1,17	---.025.---.---				
399.063.032.000W	32	32	63	32	19	0,79	---.032.---.---	477.032	GRT 22	5004	903.005.018.000
399.063.032.112W	32	32	63	91	78	1,15	---.032.---.---				
399.063.032.180W	32	32	63	158	146	1,55	---.032.---.---				
399.063.040.125W	32	40	63	96	85	1,48	---.040.---.---	477.040	GRT 32	5005	903.006.020.000
399.063.040.200W	32	40	63	171	160	2,20	---.040.---.---				
399.063.050.125W	32	50	63	83	75	1,73	---.050.---.---	477.050	GRT 40	5006	903.006.020.000
399.063.050.200W	32	50	63	158	150	2,88	---.050.---.---				
399.063.063.125W	32	63	63	66	—	2,08	---.063.---.---	477.063	GRT 63	5008	903.008.022.000
399.063.063.200W	32	63	63	141	—	3,89	---.063.---.---				
399.063.080.125W	32	80	63	49	—	2,32	---.080.---.---	477.080	GRT 80	5010	903.008.022.000
399.080.020.060W	40	20	80	59	34	1,50	---.020.---.---	477.020	GRT 14	5025	903.004.014.000
399.080.020.090W	40	20	80	88	65	1,56	---.020.---.---				
399.080.020.140W	40	20	80	137	115	1,66	---.020.---.---				
399.080.025.075W	40	25	80	68	45	1,57	---.025.---.---	477.025	GRT 18	5003	903.005.018.000
399.080.025.100W	40	25	80	93	72	1,67	---.025.---.---				
399.080.025.160W	40	25	80	153	132	1,90	---.025.---.---				
399.080.032.000W	40	32	80	32	12	1,48	---.032.---.---	477.032	GRT 22	5004	903.005.018.000
399.080.032.112W	40	32	80	98	78	1,87	---.032.---.---				
399.080.032.180W	40	32	80	166	146	2,23	---.032.---.---				
399.080.040.125W	40	40	80	102	85	2,17	---.040.---.---	477.040	GRT 32	5005	903.006.020.000
399.080.040.200W	40	40	80	177	160	2,90	---.040.---.---				
399.080.050.140W	40	50	80	105	90	2,71	---.050.---.---	477.050	GRT 40	5006	903.006.020.000
399.080.050.225W	40	50	80	190	175	4,02	---.050.---.---				
399.080.063.140W	40	63	80	88	77	3,11	---.063.---.---	477.063	GRT 63	5008	903.008.022.000
399.080.063.225W	40	63	80	173	162	5,17	---.063.---.---				
399.080.080.140W	40	80	80	60	—	3,44	---.080.---.---	477.080	GRT 80	5010	903.008.022.000
399.080.080.225W	40	80	80	151	—	6,73	---.080.---.---				

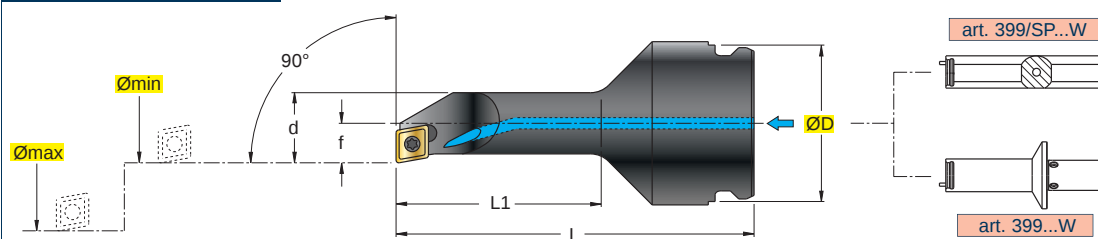
399/SP ... W

Ø 25-50



ART.	(mm)		kg					
	ØD	L						
399/SP.025.018W	25	200	0,71	---.025.---	477.025.000.000	GRT 18	5003	903.005.018.000
399/SP.032.022W	32	250	1,51	---.032.---	477.032.000.000	GRT 22	5004	903.005.018.000
399/SP.040.028W	40	300	2,86	---.040.---	477.040.000.000	GRT 32	5005	903.006.020.000
399/SP.050.036W	50	350	5,26	---.050.---	477.050.000.000	GRT 40	5006	903.006.020.000

288 ... W



CC.. 0602



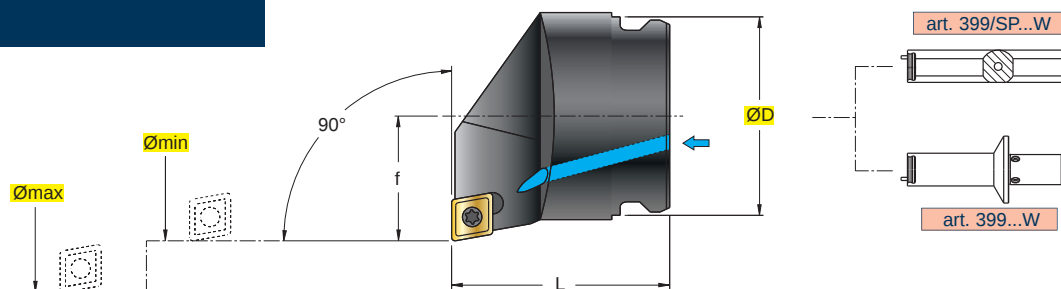
CC.. 09T3



INSERTI - INSERTS
PAG. E 69

ART.	(mm)							Nm				
	Ømin-max	ØD	d	L	L1	f	kg					
288.032.012.006W	15,8-19,9	32	14,0	70	40	8,0	0,14	1,1÷1,3	---.032.---	0602	12256P	5508P
288.032.016.006W	19,8-24,9	32	18,0	78	50	10,0	0,18	1,1÷1,3	---.032.---			
288.032.020.009W	24,8-31,9	32	22,5	88	63	12,5	0,23	3,8÷5,0	---.032.---	09T3	12409P	5515P

289 ... PW



CC.. 09T3



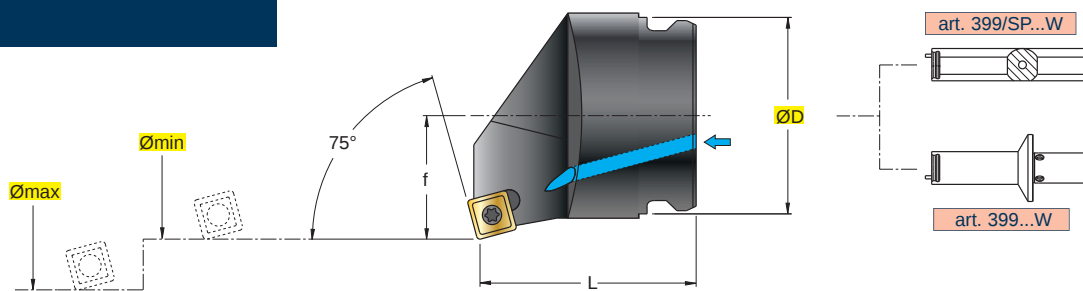
CC.. 1204



INSERTI - INSERTS
PAG. E 69

ART.	(mm)		Ømin-max	ØD	L	f	kg	Nm								
289.020.014.009PW	24,8-31,9	20	25	14	0,04	3,8÷5,0	---	---	020---	09T3	—	—	—	12409P	5515P	901.004.012.000
289.025.018.009PW	31,7-39,9	25	28	18	0,06	3,8÷5,0	---	---	025---	09T3	—	—	—	1240P	5515P	901.006.016.010
289.032.022.009PW	39,6-49,9	32	34	22	0,13	3,8÷5,0	---	---	032---	09T3	—	—	—	1240P	5515P	901.006.020.010
289.032.022.012PW	39,6-49,9	32	34	22	0,13	4,0÷5,0	---	---	032---	1204	3611	BCL15	5045	124510	5520	901.006.020.010
289.040.028.012PW	49,6-62,9	40	40	28	0,23	4,0÷5,0	---	---	040---	1204	3611	BCL15	5045	124510	5520	901.006.025.010
289.050.036.012PW	62,5-79,9	50	50	36	0,50	4,0÷5,0	---	---	050---	1204	3611	BCL15	5045	124510	5520	901.006.030.010
289.063.045.012PW	79,5-99,9	63	63	45	0,95	4,0÷5,0	---	---	063---							

289 ... S ...PW



SC.. 09T3



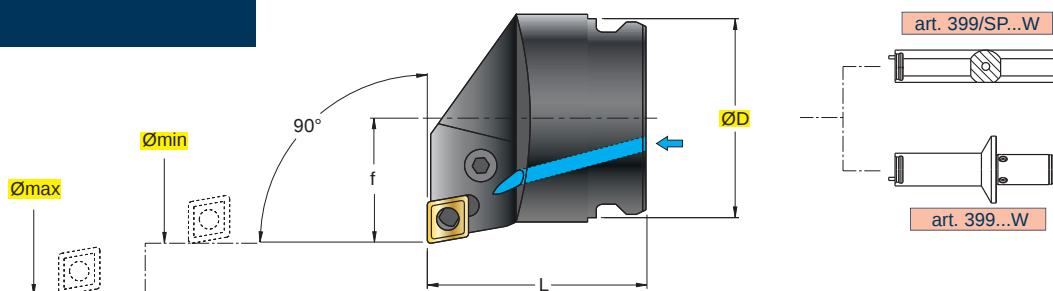
SC.. 1204



INSERTI - INSERTS
PAG. E 70

ART.	(mm)		Ømin-max	ØD	L	f	kg	Nm								
289.020.014.S09PW	24,8-31,9	20	25	14	0,04	3,8÷5,0	---	---	020---	09T3	—	—	—	12409P	5515P	901.004.012.000
289.025.018.S09PW	31,7-39,9	25	28	18	0,06	3,8÷5,0	---	---	025---	09T3	—	—	—	1240P	5515P	901.006.016.010
289.032.022.S09PW	39,6-49,9	32	34	22	0,14	3,8÷5,0	---	---	032---	09T3	—	—	—	1240P	5515P	901.006.020.010
289.032.022.S12PW	39,6-49,9	32	34	22	0,14	4,0÷5,0	---	---	032---	1204	3511	BCL15	5045	124510	5520	901.006.020.010
289.040.028.S12PW	49,6-62,9	40	40	28	0,24	4,0÷5,0	---	---	040---	1204	3511	BCL15	5045	124510	5520	901.006.025.010
289.050.036.S12PW	62,5-79,9	50	50	36	0,51	4,0÷5,0	---	---	050---	1204	3511	BCL15	5045	124510	5520	901.006.030.010
289.063.045.S12PW	79,5-99,9	63	63	45	0,99	4,0÷5,0	---	---	063---							

289 ... 012W



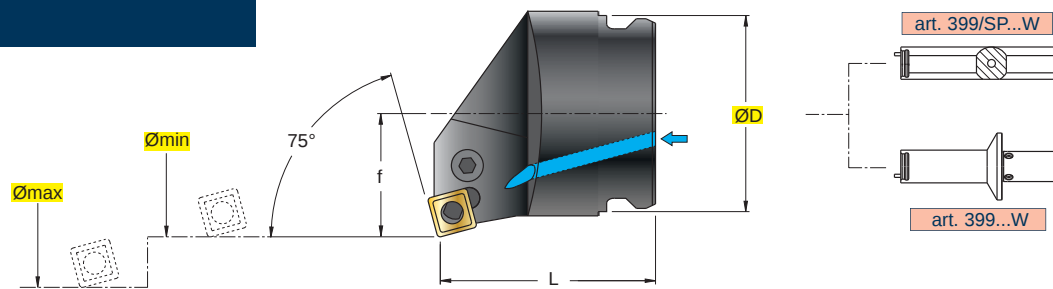
CN.. 1204



INSERTI - INSERTS
PAG. A 133

ART.	(mm)		Ømin-max	ØD	L	f	kg									
289.032.022.012W	39,6-49,9	32	34	22	0,12	---	032---	1204	8012	1608	5003	3612	4112	901.006.020.010	0012	
289.040.028.012W	49,6-62,9	40	40	28	0,24	---	040---	1204	8012	1608	5003	3612	4112	901.006.030.010	0012	
289.050.036.012W	62,5-79,9	50	50	36	0,51	---	050---	1204	8012	1608	5003	3612	4112	901.006.030.010	0012	
289.063.045.012W	79,5-99,9	63	63	45	1,01	---	063---	1204	8012	1608	5003	3612	4112	901.006.030.010	0012	

289 ... S12W



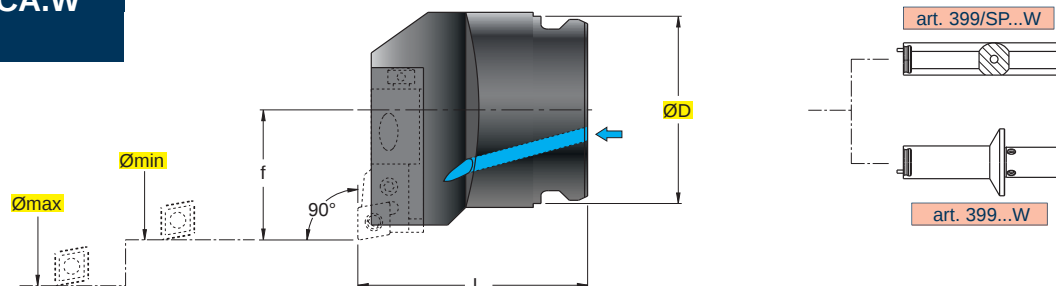
SN.. 1204



INSERTI - INSERTS
PAG. A 135

ART.	(mm)		Ømin-max	ØD	L	f	kg									
289.032.022.S12W	39,6-49,9	32	34	22	0,13	---	032---	1204	8012	1608	5003	3512	4112	901.006.020.010	0012	
289.040.028.S12W	49,6-62,9	40	40	28	0,25	---	040---	1204	8012	1608	5003	3512	4112	901.006.025.010	0012	
289.050.036.S12W	62,5-79,9	50	50	36	0,53	---	050---	1204	8012	1608	5003	3512	4112	901.006.030.010	0012	
289.063.045.S12W	79,5-99,9	63	63	45	1,02	---	063---	1204	8012	1608	5003	3512	4112	901.006.030.010	0012	

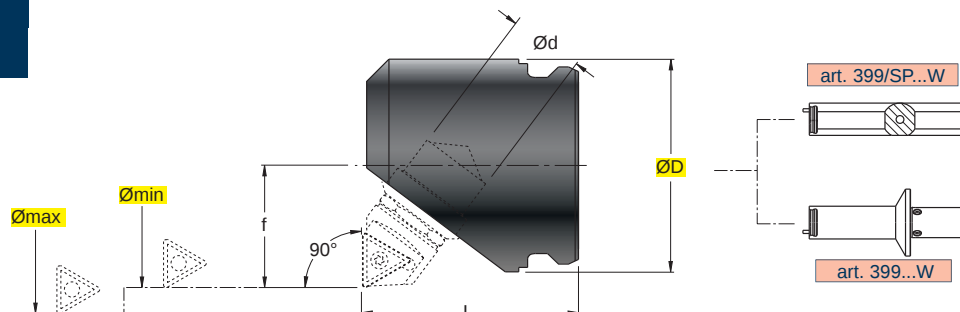
289CA.W



(mm)									
ART.	Ømin-max	ØD	L	f	kg				
289.063.045.CA.W	79,5-99,9	63	63	46	0,80	---.063---	901.006.030.010	RD12	...L 12CA-... ...L 16CA-...
289.063.056.CA.W	99,4-129,9	63	70	57	1,02	---.063---	901.006.030.010	RD12	...L 12CA-... ...L 16CA-...
289.080.056.CA.W	99,4-129,9	80	80	57	1,87	---.080---	901.008.040.012	RD12	...L 12CA-... ...L 16CA-...
289.080.072.CA.W	129,4-159,9	80	80	73	1,98	---.080---	901.008.040.012	RD12	...L 12CA-... ...L 16CA-...

CARTUCCE ..12CA-../..16CA-.. DA ORDINARSI A PARTE : PAG. E 40 / E 49 - PER MONTARE LE CARTUCCE ..12CA-.. ORDINARE L'ADATTATORE RD12
 CARTRIDGES ..12CA-../..16CA-.. TO BE ORDERED SEPARATELY : PAG. E 40 / E 49 - ORDER ADAPTER RD12 TO FIT CARTRIDGES ..12CA-..
 EINBAUHALTER ..12CA-../..16CA-.. (MÜSSEN SEPARAT BESTELLT WERDEN) : PAG. E 40 / E 49 - BESTELLEN SIE DEN ADAPTER RD12 UM DIE EINBAUHALTER ..12CA-.. EINZUSETZEN
 CARTOUCHES ..12CA-../..16CA-.. POUR COMMANDER À PART : PAG. E 40 / E 49 - POUR MONTER LES CARTUCHOES ..12CA-.. COMMANDER L'ADAPTATEUR RD12

290 ...

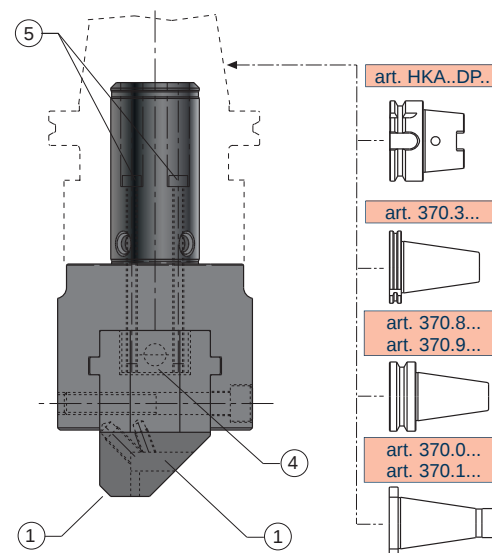
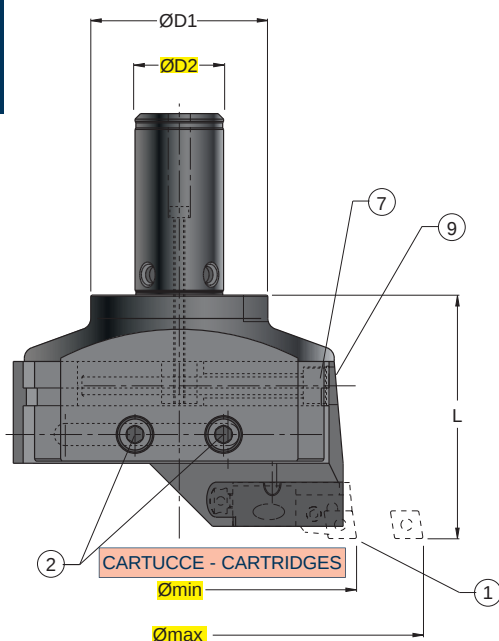


(mm)									
ART.	Ømin-max	ØD	Ød	L	f	kg			
290.020.015.006	26-31,9	20	16	35	15	0,05	---.020---	901.004.012.000	L348C.31.0602
290.025.018.006	31,7-39,9	25	16	36	18	0,09	---.025---	901.006.016.010	L348C.31.0602
290.032.022.009	39,6-49,9	32	20	45	22	0,17	---.032---	901.006.020.010	L348C.32.0902
290.040.028.011	49,6-62,9	40	22	56	28	0,35	---.040---	901.006.025.010	L348C.33.1102 L348C.33.09T3
290.050.036.011	62,5-79,9	50	22	56	36	0,68	---.050---	901.006.030.010	L348C.33.1102 L348C.33.09T3
290.063.045.016	79,5-99,9	63	32	72	45	1,23	---.063---	901.006.030.010	L348C.34.09T3 L348C.34.16T3
290.080.056.016	99,4-129,9	80	32	80	56	2,39	---.080---	901.008.040.012	L348C.34.09T3 L348C.34.16T3
290.080.072.016	129,4-160	80	32	90	72	3,40	---.080---	901.008.040.012	L348C.34.09T3 L348C.34.16T3

UNITÀ MICROREGISTRABILI DA ORDINARSI A PARTE : PAG. E 50
 MICRO-BORING UNITS TO BE ORDERED SEPARATELY : PAG. E 50
 FEINBOHRWERKZEUGE (MÜSSEN SEPARAT BESTELLT WERDEN) : PAG. E 50
 UNITÉ MICRO METRIQUE POUR COMMANDER À PART : PAG. E 50

MNL ... CA

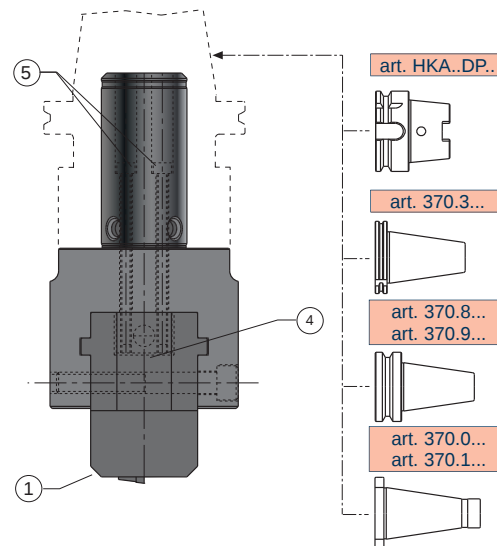
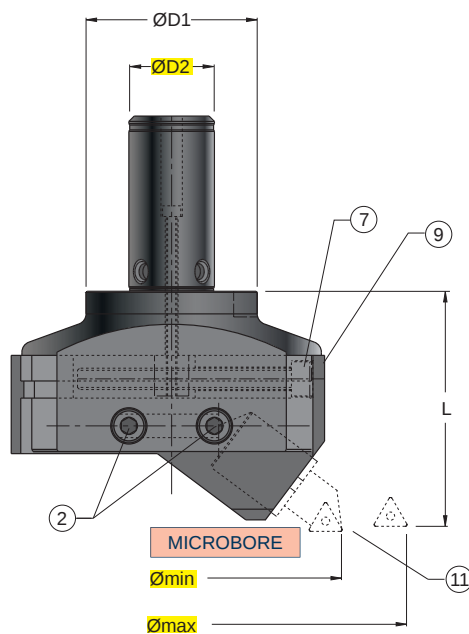
SGROSSATURA
ROUGHING
SCHRUPPEN
ÉBAUCHAGE



(mm)						1	2		4	5		7		9	10	11
ART.	Ømin-max	ØD2	ØD1	L	kg											
MNL.160.080.CA	160-220	40	80	110	6,51	BRA.160.CA	VBL10L	5008	BRA.BLO.10	VBL5L	5004	VBTF10	5008	SG161	RD12	..L 12/16CA..
MNL.220.080.CA	220-300	40	80	110	7,38	BRA.220.CA	VBL 10L	5008	BRA.BLO.10	VBL5L	5004	VBTF10L	5008	SG161	RD12	..L 12/16CA..
CARTUCCE ..12CA-../..16CA-.. DA ORDINARSI A PARTE : PAG. E 40 / E 49 - PER MONTARE LE CARTUCCE ..12CA-.. ORDINARE L'ADATTATORE RD12 CARTRIDGES ..12CA-../..16CA-.. TO BE ORDERED SEPARATELY : PAG. E 40 / E 49 - ORDER ADAPTER RD12 TO FIT CARTRIDGES ..12CA-.. EINBAUHALTER ..12CA-../..16CA-.. (MÜSSEN SEPARAT BESTELLT WERDEN) : PAG. E 40 / E 49 - BESTELLEN SIE DEN ADAPTER RD12 UM DIE EINBAUHALTER ..12CA-.. EINZUSETZEN CARTOUCHES ..12CA-../..16CA-.. POUR COMMANDER À PART : PAG. E 40 / E 49 - POUR MONTER LES CARTUCHES ..12CA-.. COMMANDER L'ADAPTATEUR RD12																

MNL ... UM

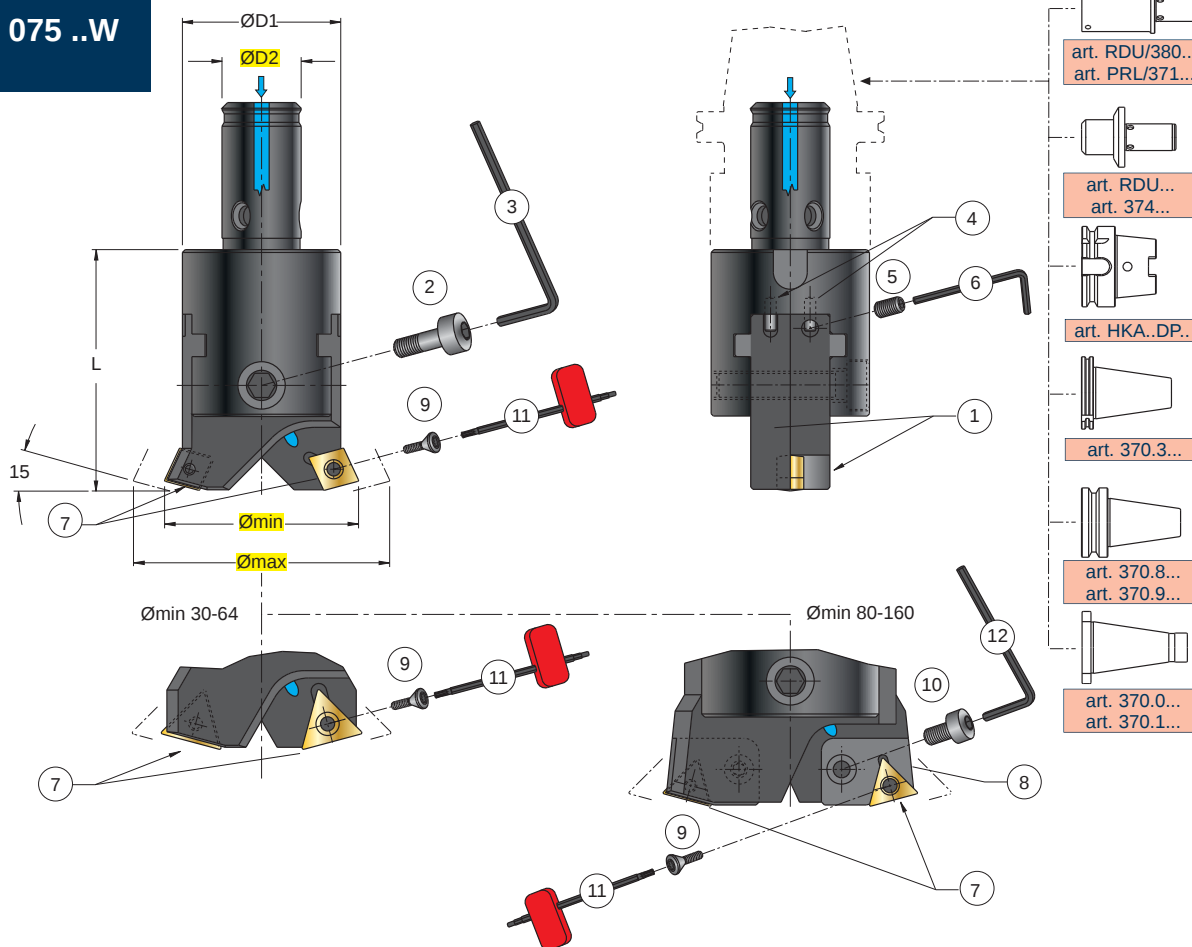
FINITURA
FINISHING
SCHLICHTEN
FINISSAGE



(mm)						1	2		4	5		7		9	10
ART.	Ømin-max	ØD2	ØD1	L	kg										
MNL.160.080.UM	160-220	40	80	110	6,31	BRA.160.UM	VBL10L	5008	BRA.BLO.10	VBL5L	5004	VBTF10	5008	SG161	L348C.34..
MNL.220.080.UM	220-300	40	80	110	7,59	BRA.220.UM	VBL10L	5008	BRA.BLO.10	VBL5L	5004	VBTF10L	5008	SG161	L348C.34..
UNITÀ MICROREGISTRABILI L348C.34. ... DA ORDINARSI A PARTE : PAG. E 50 MICRO-BORING UNITS L348C.34. ... TO BE ORDERED SEPARATELY : PAG. E 50 FEINBOHRWERKZEUGE L348C.34. ... (MÜSSEN SEPARAT BESTELLT WERDEN) : PAG. E 50 UNITÉ MICRO MÉTRIQUE L348C.34. ... POUR COMMANDER À PART : PAG. E 50															

BLM .. 075 ..W

Ø 30-210



(mm)						①	②	③	④	⑤	⑥	⑧	⑨	⑩	⑪	⑫	⑦
ART.	Ømin-max	ØD2	ØD1	L	kg												
BLM.030.075.C06W	30-41	14	27	42	0,15	LMA.030.075.C06W	VBL05	5004	3098	GRB3	5015	–	1225	–	5507	–	CC..06
BLM.040.075.C09W	40-51	18	35	50	0,34	LMA.040.075.C09W	VBL06BL	5005	3098	GRB4C	5002	–	12409P	–	5515P	–	CC..09
BLM.050.075.T16W	50-65	22	42	56	0,50	LMA.050.075.T16W	VBL06L	5005	3098	GRB4	5002	–	12409P	–	5515P	–	TC..16
BLM.064.075.T16W	64-82	27	54	66	0,93	LMA.064.075.T16W	VBL08	5006	3098	GRB4L	5002	–	12409P	–	5515P	–	
BLM.080.075.CA1W	80-102	32	63	88	2,01	LMA.080.000.000W	VBL10C	5008	4158	GRB6C	5003	CA1-75	12409P	VBL6C	5515P	5003	
BLM.080.075.CA3W	80-102	32	63	88	2,01	LMA.080.000.000W	VBL10C	5008	4158	GRB6C	5003	CA3-75	124510	VBL6C	5520	5003	SC..12
BLM.100.075.CA1W	100-126	40	78	100	3,69	LMA.100.000.000W	VBL10	5008	4158	GRB6C	5003	CA1-75	12409P	VBL6C	5515P	5003	TC..16
BLM.100.075.CA3W	100-126	40	78	100	3,69	LMA.100.000.000W	VBL10	5008	4158	GRB6C	5003	CA3-75	124510	VBL6C	5520	5003	SC..12
BLM.125.075.CA1W	125-162	40	78	100	5,25	LMA.125.000.000W	VBL10L	5008	4158	GRB6	5003	CA1-75	12409P	VBL6C	5515P	5003	TC..16
BLM.125.075.CA3W	125-162	40	78	100	5,25	LMA.125.000.000W	VBL10L	5008	4158	GRB6	5003	CA3-75	124510	VBL6C	5520	5003	SC..12
BLM.160.075.CA1W	160-210	40	78	100	6,60	LMA.160.000.000W	VBL10L	5008	4158	GRB6L	5003	CA1-75	12409P	VBL6C	5515P	5003	TC..16
BLM.160.075.CA3W	160-210	40	78	100	6,60	LMA.160.000.000W	VBL10L	5008	4158	GRB6L	5003	CA3-75	124510	VBL6C	5520	5003	SC..12

CA ..-75



CARTUCCE PER TESTA PER ALESARE BILAMA
CARTRIDGES FOR TWIN CUTTER BORING HEADS
EINBAUHALTER FÜR ZWEISCHNEIDEN-AUSDREHKOPF
CAROUCHES POUR TÊTE D'ALSAGE DOUBLE TRANCHANT

TC.. 16T3



SC.. 1204

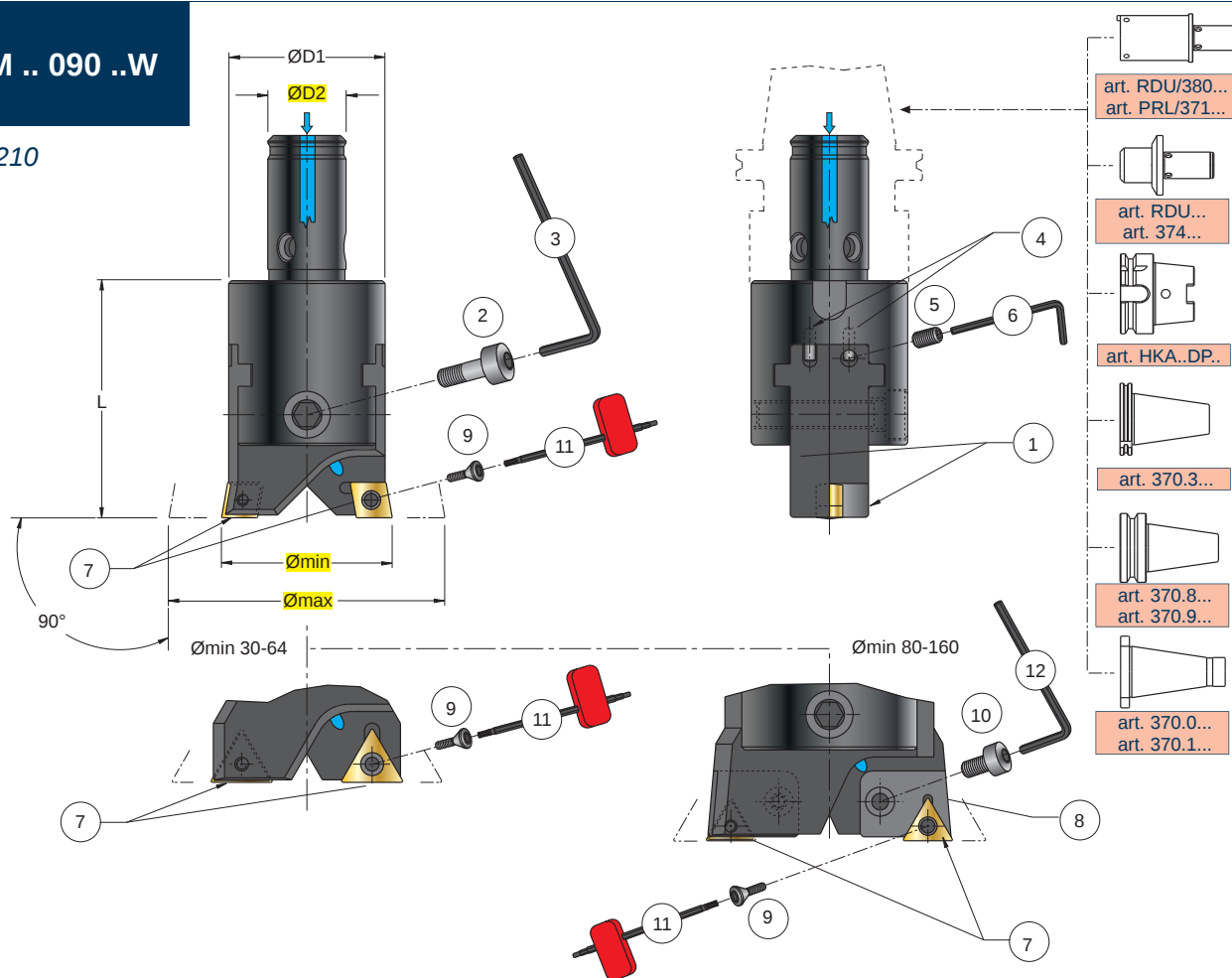


INSERTI - INSERTS
PAG. E 71 / E 70

(mm)																	
ART.	f	h	L	kg	Nm												
CA1-75	16,47	12,27	30	0,035	3,8+5,0	16T3	-	12409P	5515P			VBL06C	5003				
CA3-75	16,47	12,27	30	0,035	4,0+5,0	-	1204	124510	5520			VBL06C	5003				

BLM .. 090 ..W

Ø 30-210



(mm)						1	2	3	4	5	6	8	9	10	11	12	7
ART.	Ømin-max	ØD2	ØD1	L	kg												
BLM.030.090.C06W	30-41	14	27	42	0,15	LMA.030.090.C06W	VBL05	5004	3098	GRB3	5015	-	1225	-	5507	-	CC..06
BLM.040.090.C09W	40-51	18	35	50	0,34	LMA.040.090.C09W	VBL06BL	5005	3098	GRB4C	5002	-	12409P	-	5515P	-	CC..09
BLM.050.090.T16W	50-65	22	42	56	0,50	LMA.050.090.T16W	VBL06L	5005	3098	GRB4	5002	-	12409P	-	5515P	-	TC..16
BLM.064.090.T16W	64-82	27	54	66	0,93	LMA.064.090.T16W	VBL08	5006	3098	GRB4L	5002	-	12409P	-	5515P	-	
BLM.080.090.CA1W	80-102	32	63	88	2,01	LMA.080.000.000W	VBL10C	5008	4158	GRB6C	5003	CA1-90	12409P	VBL6C	5515P	5003	
BLM.080.090.CA2W	80-102	32	63	88	2,01	LMA.080.000.000W	VBL10C	5008	4158	GRB6C	5003	CA2-90	124510	VBL6C	5520	5003	CC..12
BLM.100.090.CA1W	100-126	40	78	100	3,69	LMA.100.000.000W	VBL10	5008	4158	GRB6C	5003	CA1-90	12409P	VBL6C	5515P	5003	TC..16
BLM.100.090.CA2W	100-126	40	78	100	3,69	LMA.100.000.000W	VBL10	5008	4158	GRB6C	5003	CA2-90	124510	VBL6C	5520	5003	CC..12
BLM.125.090.CA1W	125-162	40	78	100	5,25	LMA.125.000.000W	VBL10L	5008	4158	GRB6	5003	CA1-90	12409P	VBL6C	5515P	5003	TC..16
BLM.125.090.CA2W	125-162	40	78	100	5,25	LMA.125.000.000W	VBL10L	5008	4158	GRB6	5003	CA2-90	124510	VBL6C	5520	5003	CC..12
BLM.160.090.CA1W	160-210	40	78	100	6,60	LMA.160.000.000W	VBL10L	5008	4158	GRB6L	5003	CA1-90	12409P	VBL6C	5515P	5003	TC..16
BLM.160.090.CA2W	160-210	40	78	100	6,60	LMA.160.000.000W	VBL10L	5008	4158	GRB6L	5003	CA2-90	124510	VBL6C	5520	5003	CC..12

CA ..-90



CARTUCCE PER TESTA PER ALESARE BILAMA
 CARTRIDGES FOR TWIN CUTTER BORING HEADS
 EINBAUHALTER FÜR ZWEIFSCHNEIDEN-AUSDREHKOPF
 CARTOUCHES POUR TÊTE D'ALSAGE DOUBLE TRANCHANT

TC.. 16T3



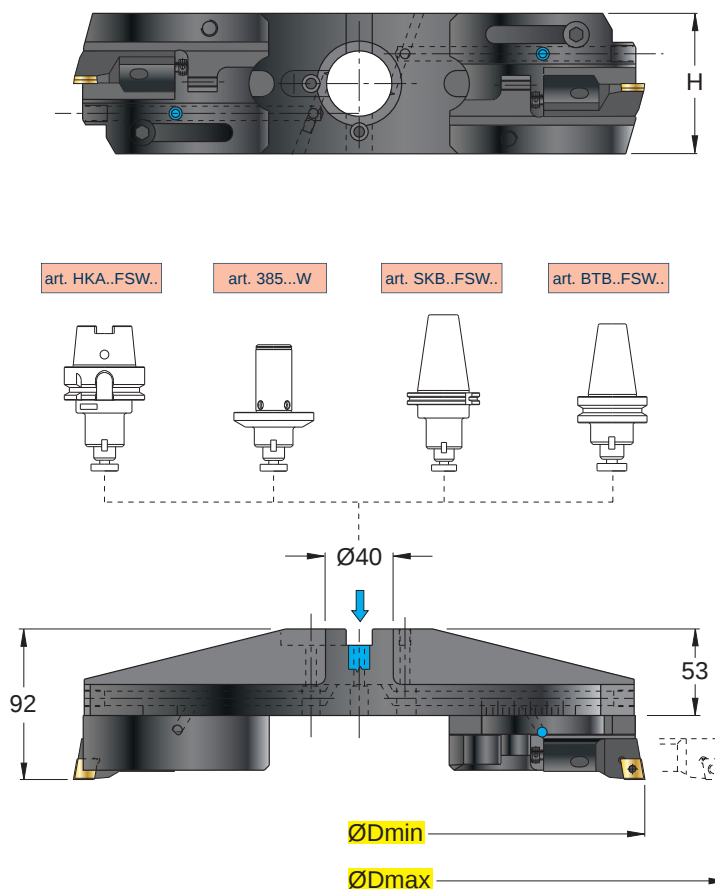
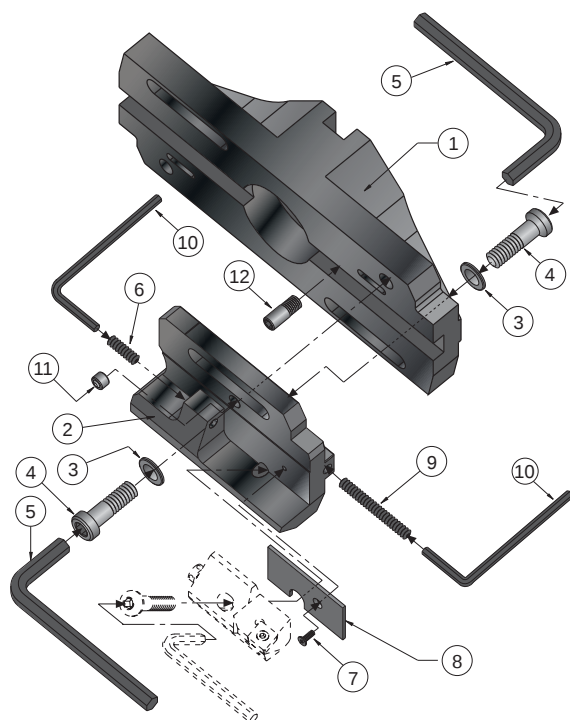
CC.. 1204



INSERTI - INSERTS
 PAG. E 71 / E 69

(mm)				kg	Nm								
ART.	f	h	L										
CA1-90	20,0	12,27	30	0,035	3,8+5,0	16T3	-	12409P	5515P	VBL06C	5003		
CA2-90	20,0	12,27	30	0,035	4,0+5,0	-	1204	124510	5520	VBL06C	5003		

Ø 150-550



(mm)																
ART.	ØDmin-max	H	kg	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	
BLS W.150.2T	150-200	104	5,3	n°1 FL 150	n°2 SL 150 CA 20	n°4 RP 101616	n°4 AL 10X40	n°1 5006	n°2 901.006. .020.010	n°2 VBS 0308	n°2 RDS 20	n°1 GRB 6C	n°1 5003	n°2 RUR 008	n°2 RPF 08	..20CA-..
BLS W.200.2T	200-250	104	6,5	FL 200	SL 150 CA 20	RP 101616	AL 10X40	5006	901.006. .020.010	VBS 0308	RDS 20	GRB 6C	5003	RUR 008	RPF 08	..20CA-..
BLS W.250.2T	250-350	86	6,8	FL 250	SL 250 CA 20	RP 101616	AL 10X40	5006	901.006. .020.010	VBS 0308	RDS 20	GRB 6C	5003	RUR 008	RPF 08	..20CA-..
BLS W.350.2T	350-450	86	8,5	FL 350	SL 250 CA 20	RP 101616	AL 10X40	5006	901.006. .020.010	VBS 0308	RDS 20	GRB 6C	5003	RUR 008	RPF 08	..20CA-..
BLS W.450.2T	450-550	86	10,5	FL 450	SL 250 CA 20	RP 101616	AL 10X40	5006	901.006. .020.010	VBS 0308	RDS 20	GRB 6C	5003	RUR 008	RPF 08	..20CA-..

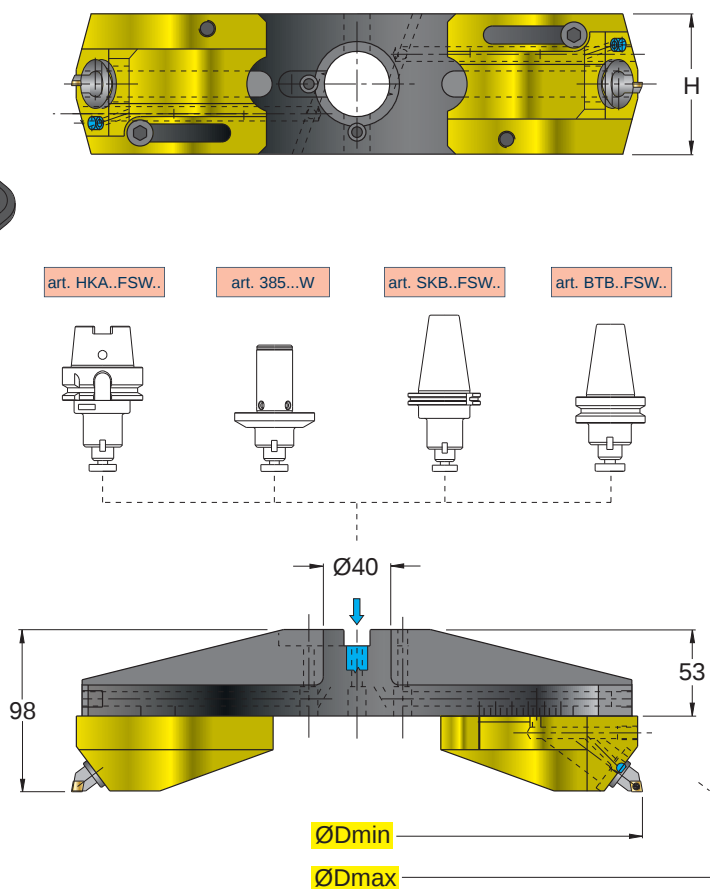
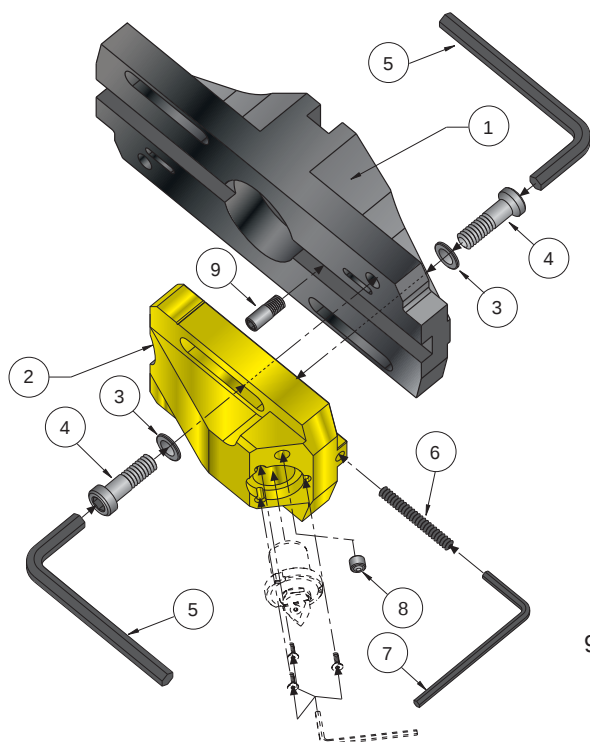
 - CARTUCCE „L 20CA-.. DA ORDINARSI A PARTE : PAG. E 41 / E 42 / E 46 / E 47
UTILIZZARE SOLO CARTUCCE SINISTRE

 - CARTRIDGES .. L 20CA-.. TO BE ORDERED SEPARATELY : PAG. E 41 / E 42 / E 46 / E 47
USE LEFT-HAND CARTRIDGES ONLY

 - EINBAUHALTER .. L 20CA-.. (MÜSSEN SEPARAT BESTELLT WERDEN) : PAG. E 41 / E 42 / E 46 / E 47
NUR LINKE EINBAUHALTER VERWENDEN

 - CARTOUCHES .. L 20CA-.. POUR COMMANDER À PART : PAG. E 41 / E 42 / E 46 / E 47
UTILISER EXCLUSIVEMENT DES CARTOUCHES GAUCHES

Ø 150-550



(mm)													
ART.	ØDmin-max	H	kg	①	②	③	④	⑤	⑥	⑦	⑧	⑨	
BLF W.150.2T	150-200	104	4,3	n°1 FL 150	n°2 SL 150 UM 33	n°4 RP 101616	n°4 AL 10X40	n°1 5006	n°2 GRB 6C	n°1 5003	n°2 RUR 008	n°2 RPF 08	L348C. .33. ..
BLF W.200.2T	200-250	104	5,5	FL 200	SL 150 UM 33	RP 101616	AL 10X40	5006	GRB 6C	5003	RUR 008	RPF 08	L348C. .33. ..
BLF W.250.2T	250-350	86	5,3	FL 250	SL 250 UM 33	RP 101616	AL 10X40	5006	GRB 6C	5003	RUR 008	RPF 08	L348C. .33. ..
BLF W.350.2T	350-450	86	7,0	FL 350	SL 250 UM 33	RP 101616	AL 10X40	5006	GRB 6C	5003	RUR 008	RPF 08	L348C. .33. ..
BLF W.450.2T	450-550	86	9,0	FL 450	SL 250 UM 33	RP 101616	AL 10X40	5006	GRB 6C	5003	RUR 008	RPF 08	L348C. .33. ..

 - UNITÀ MICROREGISTRABILI L348C.33. ... DA ORDINARSI A PARTE : PAG. E 50
 - MICRO-BORING UNITS L.348C.33.09T3/L348C.33.1102 TO BE ORDERED SEPARATELY : PAG. E 50
 - FEINBOHRWERKZEUGE L.348C.33.09T3/L348C.33.1102(MÜSSEN SEPARAT BESTELLT WERDEN) : PAG. E 50
 - UNITÉ MICRO METRIQUE L.348C.33.09T3/L348C.33.1102 POUR COMMANDER À PART : PAG. E 50