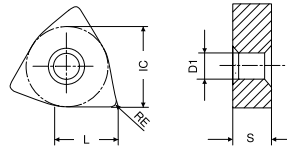


WNMG / WNMA

Designation	L	S	D1	IC
	mm	mm	mm	mm
WNMG 0604..	6,5	4,76	3,81	9,52
WNM. 0804..	8,6	4,76	5,16	12,70



WNMG

		-CF20 CTEP110		-F50 CTCP115		-F50 CTCP125		-F50 CTCP135		-TFQ CTEP110		-TFQ CTCP115		-TFQ CTCP125	
		-NF12 DCC1110		-NF15 HCX1115		-NF15 HCX1125		-NF15 HCR1135		-TFQ DCC1110		-TFQ HCX1115		-TFQ HCX1125	
		DRAGONSkin		DRAGONSkin		DRAGONSkin		DRAGONSkin		DRAGONSkin		DRAGONSkin		DRAGONSkin	
		F		F		F		F		F		F		F	
		CERMET WNMG		WNMG		WNMG		WNMG		CERMET WNMG		WNMG		WNMG	
		1A/78		1A/08		1A/08		1A/08		1A/78		1A/08		1A/08	
ISO	RE	Article no.		Article no.		Article no.		Article no.		Article no.		Article no.		Article no.	
	mm	76 171 ...		76 157 ...		76 157 ...		76 157 ...		76 177 ...		76 177 ...		76 177 ...	
		EUR		EUR		EUR		EUR		EUR		EUR		EUR	
060404EN	0,4	9,68	004	9,95	304	9,95	504	9,95	704		006	11,52	304	11,52	514
060408EN	0,8	9,68	006	9,95	306	9,95	506	9,95	706	11,52	006	11,52	306	11,52	506
080404EN	0,4			12,53	316	12,53	516	12,53	716	14,42	016			14,42	518
080408EN	0,8	12,53	018	12,53	318	12,53	518	12,53	718	14,42	018	14,42	318	14,42	518
080412EN	1,2			12,53	320	12,53	520	12,53	720			14,42	320	14,42	520
Steel		●		●		●		●		●		●		●	
Stainless steel		○		○		○		○		○		○		○	
Cast iron		○		○		○		○		○		○		○	
Non ferrous metals															
Heat resistant alloys								○							

WNMG

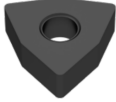
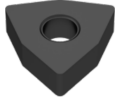
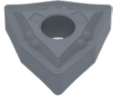
		-XU CTCP115		-XU CTCP125		-M50 CTCK110		-M50 CTCK120		-M50 CTCP115		-M50 CTCP125		-M50 CTCP135	
		-XU HCX1115		-XU HCX1125		-NM15 DCX3110		-NM15 HCF3120		-NM15 HCX1115		-NM15 HCX1125		-NM15 HCR1135	
		DRAGONSkin		DRAGONSkin		DRAGONSkin		DRAGONSkin		DRAGONSkin		DRAGONSkin		DRAGONSkin	
		M WNMG 1A/08		M WNMG 1A/08		M WNMG 1A/08		M WNMG 1A/08		M WNMG 1A/08		M WNMG 1A/08		M WNMG 1A/08	
ISO	RE	Article no. 76 295 ...		Article no. 76 295 ...		Article no. 70 139 ...		Article no. 70 139 ...		Article no. 76 139 ...		Article no. 76 139 ...		Article no. 76 139 ...	
	mm	EUR		EUR		EUR		EUR		EUR		EUR		EUR	
060404EN	0,4									9,95	304	9,95	504	9,95	704
060408EN	0,8									9,95	306	9,95	506	9,95	706
060412EN	1,2									9,95	308	9,95	508	9,95	708
080404EN	0,4	12,54	316	12,54	516					12,53	316	12,53	516	12,53	716
080408EN	0,8	12,54	318	12,54	518	12,53	018	12,53	518	12,53	318	12,53	518	12,53	718
080412EN	1,2	12,54	320	12,54	520	12,53	020	12,53	520	12,53	320	12,53	520	12,53	720
080416EN	1,6							12,53	322	12,53	322	12,53	522	12,53	722
Steel		●		●		●		●		●		●		●	
Stainless steel		○		○		○		○		○		○		○	
Cast iron		○		○		●		●		○		○		○	
Non ferrous metals															
Heat resistant alloys															○

9

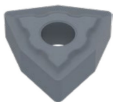
WNMG

		-TMQ CTCP115		-TMQ CTCP125		-M70 CTCK110		-M70 CTCK120		-M70 CTCP115		-M70 CTCP125		-M70 CTCP135	
		-TMQ HCX1115		-TMQ HCX1125		-NM19 DCX3110		-NM19 HCF3120		-NM19 HCX1115		-NM19 HCX1125		-NM19 HCR1135	
		DRAGONSkin		DRAGONSkin		DRAGONSkin		DRAGONSkin		DRAGONSkin		DRAGONSkin		DRAGONSkin	
		M WNMG 1A/08		M WNMG 1A/08		M WNMG 1A/08		M WNMG 1A/08		M WNMG 1A/08		M WNMG 1A/08		M WNMG 1A/08	
ISO	RE	Article no. 76 198 ...		Article no. 76 198 ...		Article no. 70 273 ...		Article no. 70 273 ...		Article no. 76 273 ...		Article no. 76 273 ...		Article no. 76 273 ...	
	mm	EUR		EUR		EUR		EUR		EUR		EUR		EUR	
060408EN	0,8									9,95	306	9,95	506	9,95	706
060412EN	1,2									9,95	308	9,95	508	9,95	708
080408EN	0,8	14,42	31800	14,42	518	12,53	018	12,53	518	12,53	318	12,53	518	12,53	718
080412EN	1,2	14,42	320	14,42	520	12,53	020	12,53	520	12,53	320	12,53	520	12,53	720
080416EN	1,6					12,53	022	12,53	522	12,53	322	12,53	522	12,53	722
Steel		●		●		●		●		●		●		●	
Stainless steel		○		○		○		○		○		○		○	
Cast iron		○		○		●		●		○		○		○	
Non ferrous metals															
Heat resistant alloys															○

WNMA / WNMG

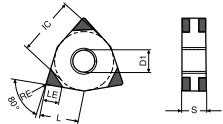
		CTCK110		CTCK120		-F30 CTPM125		-M30 CTPM125		-M42 CTC2135		-M60 CTPM125		-M70 CTC2135	
		DCX3110		HCF3120		-NF23 HCN2125		-NM23 HCN2125		-M42 CWN2135		-NM26 HCN2125		-NM19 CWN2135	
		DRAGONSkin		DRAGONSkin		DRAGONSkin		DRAGONSkin		DRAGONSkin		DRAGONSkin		DRAGONSkin	
															
		R WNMA		R WNMA		F WNMG		M WNMG		M WNMG		M WNMG		M WNMG	
		1A/08		1A/08		1A/08		1A/08		1A/08		1A/08		1A/08	
ISO	RE	Article no.		Article no.		Article no.		Article no.		Article no.		Article no.		Article no.	
	mm	70 169 ...		70 169 ...		75 024 ...		75 025 ...		70 178 ...		75 026 ...		70 273 ...	
		EUR		EUR		EUR		EUR		EUR		EUR		EUR	
060404EN	0,4					9,95	204			9,68	400				
060408EN	0,8					9,95	206	9,95	206	9,68	402	9,95	206		
060412EN	1,2							9,95	208			9,95	208		
080404EN	0,4					12,53	216			12,53	404				
080408EN	0,8	12,53	018	12,53	518	12,53	218	12,53	218	12,53	406	12,53	218	12,53	418
080412EN	1,2	12,53	020	12,53	520			12,53	220	12,53	408	12,53	220		
080416EN	1,6	12,53	022	12,53	522										
Steel						○		○		○		○		○	
Stainless steel						●		●		●		●		●	
Cast iron			●		●										
Non ferrous metals															
Heat resistant alloys								○		●		○		●	

WNMG

		-M34 CTP5110		-M34 CTP5115		-M42 CTP2120		-M52 CTP2120	
		-M34 HCN5110		-M34 HCN5115		-M42 CCN2120		-M52 CCN2120	
		DRAGONSkin		DRAGONSkin		DRAGONSkin		DRAGONSkin	
									
		M WNMG		M WNMG		M WNMG		M WNMG	
		1A/08		1A/08		1A/08		1A/08	
ISO	RE	Article no.		Article no.		Article no.		Article no.	
	mm	75 008 ...		75 008 ...		70 178 ...		70 179 ...	
		EUR		EUR		EUR		EUR	
060404EN	0,4							9,68	604
060408EN	0,8							9,68	608
080404EN	0,4							12,53	612
080408EN	0,8	13,09	418	13,09	518	12,53	608	12,53	614
080412EN	1,2	13,09	420	13,09	520				
Steel									
Stainless steel				○		○		○	
Cast iron								○	
Non ferrous metals								○	
Heat resistant alloys			●		●		●		●

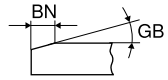
WNGA

Designation	L	S	D1	IC
	mm	mm	mm	mm
WNGA 0804..	8,5	4,76	5,13	12,7



-M (-6SC)

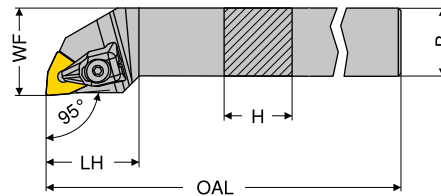
WNGA



ISO	RE	GB	BN	LE						
	mm	°	mm	mm						
080404SN	0,4	10	0,09	2,8	81,39	122				
080404SN	0,4	15	0,09	2,8	81,39	132				
080404SN	0,4	20	0,09	2,8	81,39	152				
080404SN	0,4	20	0,11	2,8			81,39	242		332
080404SN	0,4	25	0,11	2,8					81,39	352
080404SN	0,4	25	0,13	2,8			81,39	262		372
080404SN	0,4	30	0,14	2,8					81,39	372
080408SN	0,8	10	0,09	2,5	81,39	124				
080408SN	0,8	15	0,09	2,5	81,39	134				
080408SN	0,8	20	0,09	2,5	81,39	154				334
080408SN	0,8	20	0,11	2,5			81,39	244		354
080408SN	0,8	25	0,11	2,5					81,39	364
080408SN	0,8	25	0,13	2,5			81,39	264		376
080408SN	0,8	25	0,16	2,5	81,39	174				
080408SN	0,8	30	0,14	2,5			81,39	274		376
Cast iron										
Sintered steels										
Heat resistant alloys										
hardened < 45 HRC										
hardened 46-55 HRC										
hardened 56-60 HRC										
hardened 61-65 HRC										

-M CTBS20C	-M CTBH20C	-M CTBH40C
-6SC PBC15-S	-6SC PBC25-S	-6SC PBC40-S
F CBN WNGA Y0	F CBN WNGA Y0	F CBN WNGA Y0
Article no. 71 405 ...	Article no. 71 405 ...	Article no. 71 405 ...
EUR	EUR	EUR

MaxiLock-D – DWLN 95° – Toolholder with top clamping



Illustrations show right-hand versions

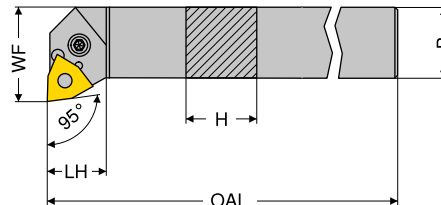


ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	Left-hand 2A/24 Article no. 70 543 ... EUR		Right-hand 2A/24 Article no. 70 542 ... EUR	
DWLN R/L 1616 H06	16	16	100	25	20	2	WN.. 0604	76,33	716	76,33	716
DWLN R/L 2020 K06	20	20	125	27	25	2	WN.. 0604	85,04	720	85,04	720
DWLN R/L 2525 M06	25	25	150	27	32	2	WN.. 0604	87,97	725	87,97	725
DWLN R/L 2020 K08	20	20	125	34	25	4	WN.. 0804	85,04	620	85,04	620
DWLN R/L 2525 M08	25	25	150	34	32	4	WN.. 0804	87,97	625	87,97	625

i Tool holders with HSK-T or PSC interface can be found in → Chapter 16.

	2A/28  XPress type		Y7  Key D		2A/28  Clamping screw		2A/28  Solid Carbide Seat W			
Spare parts	Article no. 70 950 ...		Article no. 80 950 ...		Article no. 70 950 ...		Article no. 70 950 ...			
for Article no.	EUR		EUR		EUR		EUR			
70 543 716 / 70 542 716	24,10	823	T09 - IP	11,24	126	M3x7 - IP	3,14	819	3,40	807
70 543 720 / 70 542 720	24,10	823	T09 - IP	11,24	126	M3x7 - IP	3,14	819	3,40	807
70 543 725 / 70 542 725	24,10	823	T09 - IP	11,24	126	M3x7 - IP	3,14	819	3,40	807
70 543 620 / 70 542 620	23,77	824	T15 - IP	11,89	128	M4,5x12 - IP	2,98	820	9,93	812
70 543 625 / 70 542 625	23,77	824	T15 - IP	11,89	128	M4,5x12 - IP	2,98	820	9,93	812

MaxiLock-N – PWLN 95° – Toolholder with lever clamping



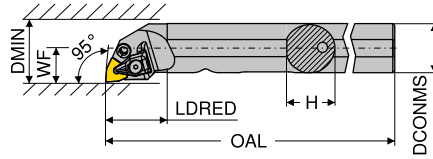
Illustrations show right-hand versions



ISO designation	H mm	B mm	OAL mm	LH mm	WF mm	torque moment Nm	Insert	Left-hand 2A/24 Article no. 70 543 ... EUR		Right-hand 2A/24 Article no. 70 542 ... EUR	
PWLN R/L 1616 H06	16	16	100	20	22,5	3	WNMG 0604	76,33	116	76,33	116
PWLN R/L 2020 K06	20	20	125	26	25,0	3	WNMG 0604	85,04	120	85,04	120
PWLN R/L 2525 M06	25	25	150	19	32,0	3	WNMG 0604	87,97	125	87,97	125
PWLN R/L 2020 K08	20	20	125	22	25,0	4	WNMG 0804	85,04	020	85,04	020
PWLN R/L 2525 M08	25	25	150	22	32,0	4	WNMG 0804	87,97	025	87,97	025
PWLN R/L 3225 P08	32	25	170	22	32,0	4	WNMG 0804	94,37	032	94,37	032

			2A/28  Key I		2A/28  Shim		2A/28  Assembly pin		2A/28  Lever		2A/28  Clamping screw		2A/28  Solid Carbide Seat W	
Spare parts			Article no. 70 950 ...		Article no. 70 950 ...		Article no. 70 950 ...		Article no. 70 950 ...		Article no. 70 950 ...		Article no. 70 950 ...	
for Article no.			EUR		EUR		EUR		EUR		EUR		EUR	
70 542 116 / 70 543 116			SW2,5	2,45 175	2,06 122	1,22 191	12,48 185	3,19 208	7,21 127					
70 542 120 / 70 543 120			SW2,5	2,45 175	2,06 122	1,22 191	12,48 185	3,19 208	7,21 127					
70 542 125 / 70 543 125			SW2,5	2,45 175	2,06 122	1,22 191	12,48 185	3,19 208	7,21 127					
70 542 020 / 70 543 020			SW3	2,45 176	1,76 198	1,22 192	12,59 187	3,50 209	8,72 235					
70 542 025 / 70 543 025			SW3	2,45 176	1,76 198	1,22 192	12,59 187	3,50 209	8,72 235					
70 542 032 / 70 543 032			SW3	2,45 176	1,76 198	1,22 192	12,59 187	3,50 209	8,72 235					

MaxiLock-D – DWLN 95° – Boring bar with top clamping



Illustrations show right-hand versions

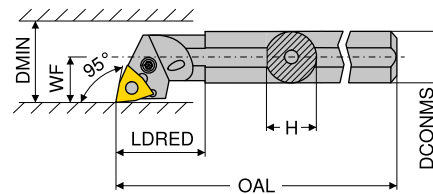


ISO designation	DCONMS	H	OAL	LDRED	WF	DMIN	torque moment Nm	Insert	Left-hand 2A/24		Right-hand 2A/24	
									Article no. 70 573 ...		Article no. 70 572 ...	
	mm	mm	mm	mm	mm	mm			EUR		EUR	
A25R DWLN R/L 06	25	24	200	32	17	32	2	WN.. 0604	222,20	725	222,20	725
A32S DWLN R/L 08	32	31	250	40	22	40	4	WN.. 0804	229,80	732	229,80	732
A40T DWLN R 08	40	39	300	45	27	50	4	WN.. 0804			256,00	640

i Tool holders with HSK-T interface can be found in → Chapter 16.

Spare parts	2A/28		Y7		2A/28		2A/28		2A/28	
	XPress type		Key D		Clamping screw		Hydrant		Solid Carbide Seat W	
	Article no.		Article no.		Article no.		Article no.		Article no.	
for Article no.	70 950 ...		80 950 ...		70 950 ...		70 950 ...		70 950 ...	
	EUR		EUR		EUR		EUR		EUR	
70 572 725 / 70 573 725	24,10	823	11,24	126	3,14	819	20,84	834	3,40	807
70 572 732 / 70 573 732	23,77	824	11,89	128	2,98	820	20,84	834	9,93	812
70 572 640	23,77	824	11,89	128	2,98	820	20,84	834	9,93	812

MaxiLock-N – PWLN 95° – Boring bar with lever clamping



Illustrations show right-hand versions

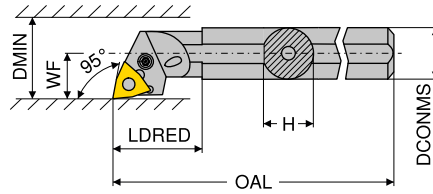


ISO designation	DCONMS	H	OAL	LDRED	WF	DMIN	torque moment Nm	Insert	Left-hand 2A/24		Right-hand 2A/24	
									Article no. 70 573 ...		Article no. 70 572 ...	
	mm	mm	mm	mm	mm	mm			EUR		EUR	
A16M PWLN R/L 06	16	15	150	20	11	20	3	WNMG 0604	180,50	116	180,50	116
A20Q PWLN R/L 06-1	20	19	180	30	13	25	3	WNMG 0604	199,40	121	199,40	121
A25R PWLN R/L 06	25	23	200	25	17	32	3	WNMG 0604	222,20	125	222,20	125
A32S PWLN R/L 06	32	30	250	50	22	40	3	WNMG 0604	229,80	132	229,80	132
A25R PWLN R/L 08	25	23	200	40	17	31	4	WNMG 0804	222,30	225	222,30	225
A32S PWLN R/L 08	32	30	250	50	22	40	4	WNMG 0804	229,80	032	229,80	032
A40T PWLN R/L 08	40	39	300	60	27	50	4	WNMG 0804	256,00	040	256,00	040

Spare parts	2A/28		2A/28		2A/28		2A/28		2A/28		2A/28	
	Key I		Shim		Assembly pin		Lever		Clamping screw		Solid Carbide Seat W	
	Article no.		Article no.		Article no.		Article no.		Article no.		Article no.	
for Article no.	70 950 ...		70 950 ...		70 950 ...		70 950 ...		70 950 ...		70 950 ...	
	EUR		EUR		EUR		EUR		EUR		EUR	
70 572 116 / 70 573 116	2,45	177					14,97	129	4,23	217		
70 572 121 / 70 573 121	2,45	177					14,97	129	4,23	217		
70 572 125 / 70 573 125	2,45	175	2,06	122	1,22	191	12,48	185	3,19	208	7,21	127
70 572 132 / 70 573 132	2,45	175	2,06	122	1,22	191	12,48	185	3,19	208	7,21	127
70 572 225 / 70 573 225	2,45	176					12,59	187	4,28	205		
70 572 032 / 70 573 032	2,45	176	1,76	198	1,22	192	12,59	187	3,50	209	8,72	235
70 572 040 / 70 573 040	2,45	176	1,76	198	1,22	192	12,59	187	3,50	209	8,72	235

MaxiLock-N – PWLN 95° – Boring bar with lever clamping

▲ with carbide core



Illustrations show right-hand versions



ISO designation	DCONMS	H	OAL	LDRED	WF	DMIN	torque moment Nm	Insert	Left-hand 2A		Right-hand 2A	
									Article no. 70 567 ...		Article no. 70 566 ...	
									EUR		EUR	
E-A16M PWLN R/L 06	16	15	150	24	11	20	3	WNMG 0604	640,40	016	640,40	016
E-A20Q PWLN R/L 06	20	18	180	29	13	27	3	WNMG 0604	684,60	020	684,60	020
E-A25R PWLN R/L 06	25	23	200	40	17	31	3	WNMG 0604	709,60	025	709,60	025
E-A25R PWLN R/L 08	25	23	200	40	17	31	4	WNMG 0804	709,60	125	709,60	125
E-A32S PWLN R/L 08	32	30	250	50	22	39	4	WNMG 0804	936,70	032	936,70	032
E-A40T PWLN R/L 08	40	38	300	60	27	48	4	WNMG 0804	1.118,00	040	1.118,00	040

Spare parts	2A/28		2A/28		2A/28		2A/28		2A/28		2A/28	
												
	Key I		Shim		Assembly pin		Lever		Clamping screw		Solid Carbide Seat W	
for Article no.	Article no. 70 950 ...		Article no. 70 950 ...		Article no. 70 950 ...		Article no. 70 950 ...		Article no. 70 950 ...		Article no. 70 950 ...	
	EUR		EUR		EUR		EUR		EUR		EUR	
70 566 016 / 70 567 016		SW2	2,45	177			14,97	129	4,23	217		
70 566 020 / 70 567 020		SW2	2,45	177			14,97	129	4,23	217		
70 566 025 / 70 567 025		SW2,5	2,45	175	2,06	122	1,22	185	3,19	208	7,21	127
70 566 125 / 70 567 125		SW3	2,45	176			12,59	187	3,50	209		
70 566 032 / 70 567 032		SW3	2,45	176	1,76	198	1,22	192	3,50	209	8,72	235
70 566 040 / 70 567 040		SW3	2,45	176	1,76	198	1,22	192	3,50	209	8,72	235