

Fresa in metallo duro per le lavorazioni ad elevata profondità

- Speciale geometria del gambo con raggio di rinforzo per una maggiore rigidità
- Maggiore lunghezza utile effettiva nella lavorazione di pareti sformate

KMR

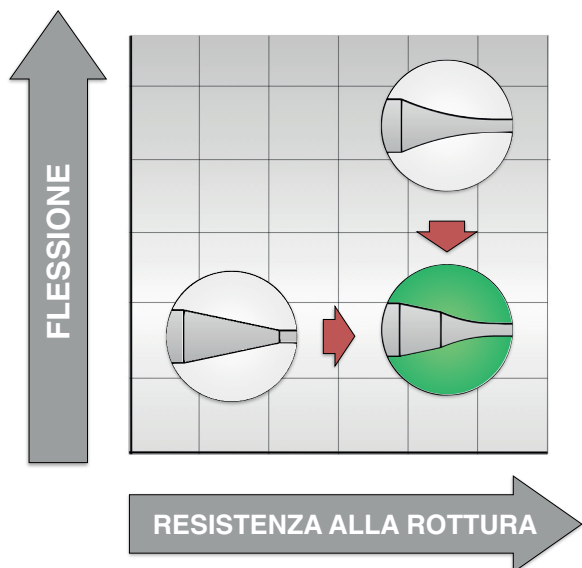
K-Mill Mini Radius

KMB

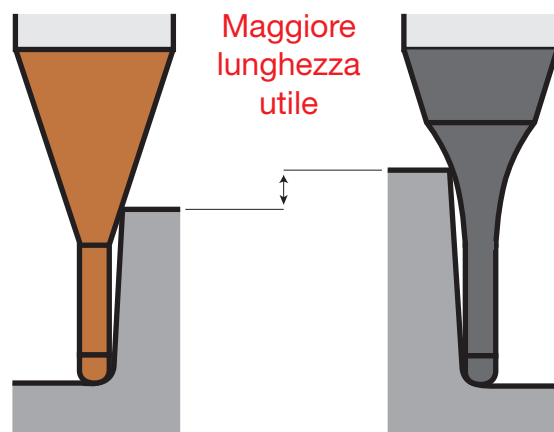
K-Mill Mini Ball



1 GEOMETRIA GAMBO RAGGIATA

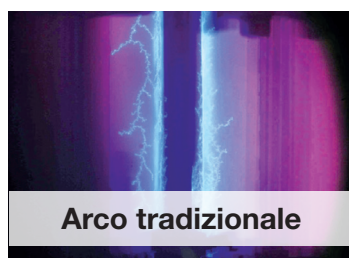


La speciale geometria del gambo che unisce lo sforno conico ad una parte raggiata, consente di aumentare la resistenza alla rottura, mantenendo però la rigidità e quindi la precisione della lavorazione.



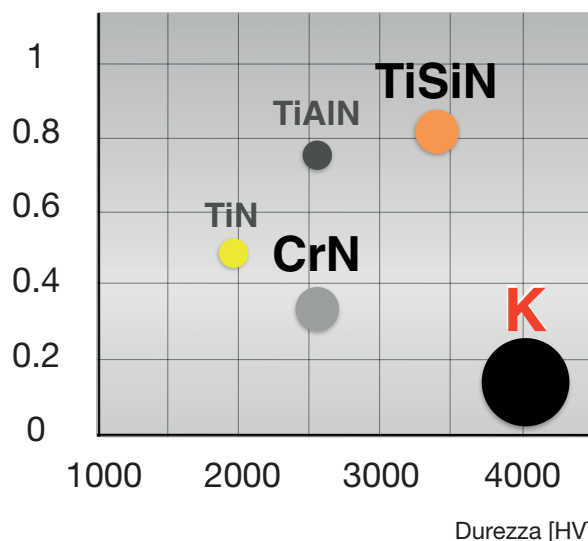
Inoltre questa geometria permette profondità utile di lavorazione maggiore nella lavorazione di pareti inclinate.

2 K-COATING

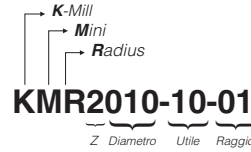
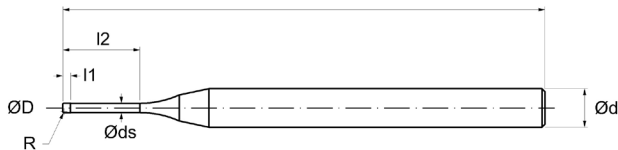


Il nuovo rivestimento K+ ottenuto con un innovativo processo PVD al plasma ad alta densità, unisce caratteristiche di elevata durezza e bassissimo coefficiente di frizione.

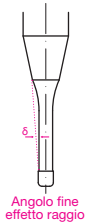
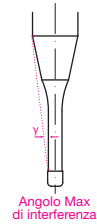
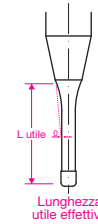
Coefficiente di frizione



KMR | K-Mill Mini Radius



D	0 / -0,008
R	±0,005
d	h6



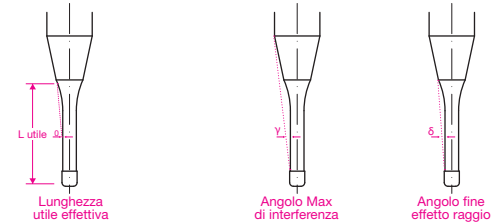
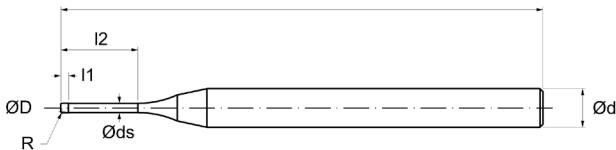
Codice	D	R	l2	l1	ds	L	d	0°	0,50°	1,0°	1,5°	2,0°	2,5°	3,0°	γ	δ				
KMR2005-2-01	0,5	0,1	2	0,35	0,48	50	4	2,45	2,82	3,12	3,38	3,63	3,86	4,08	9,75°	8,14°				
KMR2005-4-01			4,45					5,03	5,43	5,77	6,08	6,36	6,63	8,17°	6,12°					
KMR2005-6-01			6,45					7,20	7,68	8,08	8,44	8,76	9,06	7,03°	4,90°					
KMR2005-8-01			8,45					9,34	9,89	10,34	10,74	11,09	11,42	6,17°	4,08°					
KMR2006-2-01	0,6	0,1	2	0,4	0,58	50	4	2,45	2,82	3,12	3,38	3,63	3,86	4,08	9,69°	8,14°				
KMR2006-4-01			4,45					5,03	5,43	5,77	6,08	6,36	6,63	8,10°	6,12°					
KMR2006-6-01			6,45					7,20	7,68	8,08	8,44	8,76	9,06	6,95°	4,90°					
KMR2006-8-01			8,45					9,34	9,89	10,34	10,74	11,09	11,42	6,08°	4,08°					
KMR2006-2-02		0,2	2	0,4	0,58	50	4	2,45	2,81	3,10	3,36	3,60	3,83	4,05	9,78°	8,27°				
KMR2006-4-02			4,45					5,02	5,42	5,76	6,06	6,34	6,61	8,16°	6,19°					
KMR2006-6-02			6,45					7,19	7,67	8,07	8,42	8,74	9,04	6,99°	4,95°					
KMR2006-8-02			8,45					9,34	9,88	10,33	10,72	11,08	11,40	6,12°	4,12°					
KMR2008-4-01	0,8	0,1	4	0,5	0,77	50	4	4,55	5,08	5,47	5,81	6,11	6,39	6,65	7,92°	6,08°				
KMR2008-6-01			6,55					7,24	7,71	8,11	8,46	8,78	9,08	6,76°	4,87°					
KMR2008-8-01			8,55					9,38	9,92	10,37	10,76	11,11	11,44	5,89°	4,06°					
KMR2008-10-01			10,55					11,51	12,11	12,59	13,02	13,40	13,75	5,22°	3,48°					
KMR2008-4-02		0,2	4	0,5	0,77	50	4	4,55	5,07	5,46	5,79	6,09	6,37	6,63	7,98°	6,15°				
KMR2008-6-02			6,55					7,23	7,70	8,09	8,44	8,76	9,06	6,80°	4,92°					
KMR2008-8-02			8,55					9,38	9,91	10,35	10,74	11,09	11,42	5,93°	4,09°					
KMR2008-10-02			10,55					11,50	12,10	12,58	13,01	13,39	13,74	5,25°	3,50°					
KMR2010-4-01	1	0,1	4	0,8	0,95	50	4	4,71	5,18	5,54	5,87	6,16	6,44	6,70	7,71°	6,01°				
KMR2010-6-01			6,71					7,32	7,78	8,16	8,50	8,82	9,12	6,54°	4,81°					
KMR2010-8-01			8,71					9,46	9,98	10,41	10,79	11,14	11,47	5,68°	4,01°					
KMR2010-10-01			10,71					11,58	12,16	12,63	13,05	13,43	13,78	5,02°	3,44°					
KMR2010-12-01			12,71			13,69	14,32	14,84	15,29	15,69	16,06	4,50°	3,01°							
KMR2010-16-01			16,71			17,89	18,62	19,20	19,70	20,15	20,55	3,72°	2,41°							
KMR2010-20-01			20,71			22,07	22,88	23,52	24,06	24,54	24,98	3,17°	2,01°							
KMR2010-4-02			0,2			4	0,8	0,95	50	4	4,71	5,17	5,53	5,85	6,14	6,42	6,68	7,77°	6,08°	
KMR2010-6-02		6,71		7,32	7,77	8,15					8,49	8,80	9,10	6,59°	4,86°					
KMR2010-8-02		8,71		9,45	9,97	10,40					10,78	11,13	11,45	5,72°	4,04°					
KMR2010-10-02		10,71		11,57	12,15	12,62					13,04	13,42	13,77	5,05°	3,46°					
KMR2010-12-02		0,3	12	0,8	0,95	55	4	12,71	13,68	14,31	14,83	15,28	15,68	16,05	4,52°	3,03°				
KMR2010-16-02			16,71					17,89	18,61	19,19	19,69	20,14	20,54	3,73°	2,42°					
KMR2010-20-02			20,71					22,07	22,87	23,51	24,05	24,54	24,97	3,18°	2,01°					
KMR2010-4-03			4,71					5,16	5,52	5,84	6,13	6,40	6,65	7,84°	6,16°					
KMR2010-6-03		0,3	6	0,8	0,95	50	4	6,71	7,31	7,75	8,13	8,47	8,79	9,08	6,64°	4,91°				
KMR2010-8-03			8,71					9,44	9,96	10,39	10,77	11,11	11,44	5,75°	4,08°					
KMR2010-10-03			10,71					11,57	12,14	12,61	13,03	13,40	13,75	5,08°	3,49°					
KMR2010-12-03			12,71					13,68	14,31	14,82	15,26	15,67	16,03	4,54°	3,05°					
KMR2010-16-03		0,3	16	0,8	0,95	55	4	16,71	17,88	18,60	19,18	19,68	20,13	20,53	3,75°	2,43°				
KMR2010-20-03	20,71		22,06					22,86	23,50	24,04	24,53	24,96	3,19°	2,02°						
KMR2012-8-01	1,2		0,1					8	1,1	1,15	50	8,71	9,46	9,98	10,41	10,79	11,14	11,47	5,47°	4,01°
KMR2012-12-01								55			12,71	13,69	14,32	14,84	15,29	15,69	16,06	4,30°	3,01°	
KMR2012-20-01		60		20,71	22,07	22,88	23,52	24,06			24,54	24,98	3,01°	2,01°						

KMR | K-Mill Mini Radius



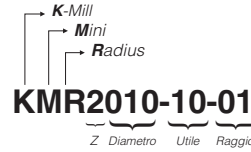
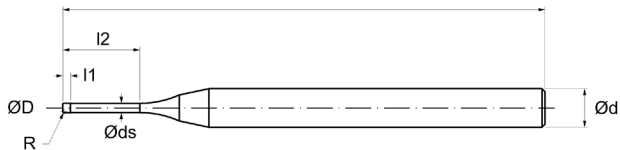
K-Mill
 Mini
 Radius
KMR2010-10-01
 Z Diametro Utile Raggio

D	0 / -0,008
R	±0,005
d	h6

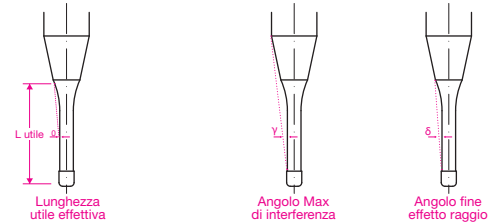


Codice	D	R	l2	l1	ds	L	d	0°	0,50°	1,0°	1,5°	2,0°	2,5°	3,0°	γ	δ
KMR2012-8-02	1,2	0,2	8	1,1	1,15	50	4	8,71	9,45	9,97	10,40	10,78	11,13	11,45	5,51°	4,04°
KMR2012-12-02			12			55		12,71	13,68	14,31	14,83	15,28	15,68	16,05	4,32°	3,03°
KMR2012-20-02			20			60		20,71	22,07	22,87	23,51	24,05	24,54	24,97	3,02°	2,01°
KMR2012-8-03		0,3	8			50		8,71	9,44	9,96	10,39	10,77	11,11	11,44	5,55°	4,08°
KMR2012-12-03			12			55		12,71	13,68	14,31	14,82	15,26	15,67	16,03	4,35°	3,05°
KMR2012-20-03			20			60		20,71	22,06	22,86	23,50	24,04	24,53	24,96	3,03°	2,02°
KMR2015-6-01	1,5	0,1	6	1,35	1,44	50	4	6,77	7,36	7,81	8,19	8,53	8,84	9,13	5,98°	4,78°
KMR2015-8-01			8			50		8,77	9,49	10,00	10,43	10,81	11,16	11,48	5,13°	3,99°
KMR2015-12-01			12			55		12,77	13,72	14,34	14,86	15,30	15,70	16,07	3,99°	2,99°
KMR2015-16-01			16			55		16,77	17,92	18,64	19,21	19,71	20,16	20,56	3,26°	2,39°
KMR2015-20-01			20			60		20,77	22,10	22,89	23,53	24,07	24,56	-	2,76°	1,99°
KMR2015-6-02		0,2	6			50		6,77	7,36	7,80	8,17	8,51	8,82	9,11	6,03°	4,83°
KMR2015-8-02			8			50		8,77	9,49	9,99	10,42	10,80	11,15	11,47	5,16°	4,02°
KMR2015-12-02			12			55		12,77	13,71	14,34	14,85	15,29	15,69	16,06	4,01°	3,01°
KMR2015-16-02			16			55		16,77	17,91	18,63	19,21	19,70	20,15	20,55	3,28°	2,40°
KMR2015-20-02			20			60		20,77	22,09	22,89	23,52	24,07	24,55	-	2,77°	2,00°
KMR2015-6-03		0,3	6			50		6,77	7,35	7,79	8,16	8,50	8,81	9,10	6,08°	4,88°
KMR2015-8-03			8			50		8,77	9,48	9,99	10,41	10,79	11,13	11,45	5,20°	4,05°
KMR2015-12-03			12			55		12,77	13,71	14,33	14,84	15,28	15,68	16,05	4,03°	3,03°
KMR2015-16-03			16			55		16,77	17,91	18,62	19,20	19,69	20,14	20,54	3,29°	2,42°
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KMR2015-12-05			12			55		12,77	13,70	14,31	14,82	15,26	15,66	16,02	4,08°	3,07°
KMR2015-16-05			16			55		16,77	17,90	18,61	19,18	19,68	20,12	20,52	3,32°	2,44°
KMR2015-20-05			20			60		20,77	22,08	22,87	23,50	24,04	24,52	-	2,80°	2,03°
KMR2020-6-02	2	0,2	6	1,7	1,92	50	4	6,89	7,43	7,86	8,22	8,55	8,86	9,15	5,34°	4,77°
KMR2020-8-02			8			50		8,89	9,56	10,05	10,47	10,84	11,18	11,50	4,50°	3,97°
KMR2020-10-02			10			50		10,89	11,67	12,22	12,68	13,09	13,46	13,81	3,89°	3,40°
KMR2020-12-02			12			55		12,89	13,77	14,38	14,88	15,32	15,72	16,09	3,43°	2,97°
KMR2020-16-02			16			55		16,89	17,97	18,67	19,24	19,73	20,17	-	2,77°	2,38°
KMR2020-20-02			20			60		20,89	22,14	22,92	23,55	24,09	-	-	2,32°	1,98°
KMR2020-25-02		25	65			25,89		27,34	28,21	28,90	-	-	-	1,93°	1,64°	
KMR2020-30-02		30	70			30,89		32,52	33,47	34,21	-	-	-	1,65°	1,39°	
KMR2020-6-03		0,3	6			50		6,89	7,43	7,85	8,21	8,54	8,85	9,13	5,39°	4,82°
KMR2020-8-03			8			50		8,89	9,55	10,04	10,45	10,83	11,17	11,48	4,54°	4,00°
KMR2020-10-03			10			50		10,89	11,66	12,21	12,67	13,08	13,45	13,79	3,92°	3,43°
KMR2020-12-03			12			55		12,89	13,77	14,37	14,87	15,31	15,71	16,07	3,45°	2,99°
KMR2020-16-03			16			55		16,89	17,96	18,66	19,23	19,72	20,16	-	2,78°	2,39°
KMR2020-20-03			20			60		20,89	22,13	22,92	23,54	24,08	-	-	2,33°	1,99°
KMR2020-25-03		25	65			25,89		27,33	28,20	28,89	-	-	-	1,94°	1,64°	
KMR2020-30-03		30	70			30,89		32,51	33,46	34,21	-	-	-	1,66°	1,40°	

KMR | K-Mill Mini Radius

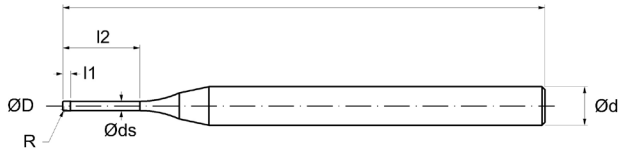


D	0 / -0,008
R	±0,005
d	h6



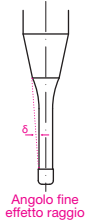
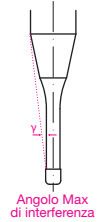
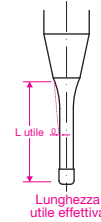
Codice	D	R	l2	l1	ds	L	d	0°	0,50°	1,0°	1,5°	2,0°	2,5°	3,0°	γ	δ
KMR2020-6-05	2	0,5	6	1,7	1,92	50	4	6,89	7,41	7,82	8,18	8,51	8,81	9,10	5,48°	4,91°
KMR2020-8-05			8			50		8,89	9,54	10,02	10,43	10,80	11,14	11,45	4,61°	4,07°
KMR2020-10-05			10			50		10,89	11,65	12,20	12,65	13,06	13,42	13,77	3,97°	3,47°
KMR2020-12-05			12			55		12,89	13,76	14,36	14,85	15,29	15,68	16,05	3,49°	3,03°
KMR2020-16-05			16			55		16,89	17,95	18,65	19,21	19,70	20,14	-	2,81°	2,41°
KMR2020-20-05			20			60		20,89	22,13	22,90	23,53	24,06	-	-	2,35°	2,00°
KMR2020-25-05			25			65		25,89	27,33	28,19	28,88	-	-	-	1,95°	1,65°
KMR2020-30-05			30			70		30,89	32,51	33,45	34,20	-	-	-	1,67°	1,41°
KMR2030-16-02	3	0,2	16	2,5	2,85	65	6	17,22	18,14	18,80	19,35	19,82	20,26	20,65	3,70°	2,28°
KMR2030-20-02			20			65		21,22	22,30	23,04	23,65	24,17	24,64	25,07	3,15°	1,89°
KMR2030-25-02			25			70		26,22	27,48	28,32	28,99	29,56	30,07	-	2,67°	1,57°
KMR2030-35-02			35			80		36,22	37,81	38,80	39,57	40,22	-	-	2,04°	1,16°
KMR2030-16-03		0,3	16			65		17,22	18,14	18,79	19,34	19,82	20,25	20,64	3,71°	2,29°
KMR2030-20-03			20			65		21,22	22,30	23,04	23,64	24,16	24,63	25,06	3,17°	1,90°
KMR2030-25-03			25			70		26,22	27,48	28,31	28,98	29,55	30,06	-	2,67°	1,57°
KMR2030-35-03			35			80		36,22	37,81	38,79	39,57	40,22	-	-	2,04°	1,17°
KMR2030-16-05		0,5	16			65		17,22	18,13	18,78	19,32	19,80	20,23	20,62	3,74°	2,31°
KMR2030-20-05			20			65		21,22	22,29	23,02	23,63	24,15	24,61	25,04	3,19°	1,92°
KMR2030-25-05			25			70		26,22	27,47	28,30	28,97	29,54	30,04	-	2,69°	1,58°
KMR2030-35-05			35			80		36,22	37,80	38,78	39,56	40,21	-	-	2,05°	1,17°
KMR2040-20-03	4	0,3	20	3	3,9	65	6	21,00	22,18	22,95	23,57	24,11	-	-	2,32°	1,96°
KMR2040-30-03			30			75		31,00	32,55	33,49	34,23	-	-	-	1,65°	1,38°
KMR2040-40-03			40			80		41,00	42,87	43,95	-	-	-	-	1,28°	1,07°
KMR2040-50-03			50			100		51,00	53,16	54,35	-	-	-	-	1,05°	0,87°
KMR2040-20-05		0,5	20			65		21,00	22,17	22,94	23,56	24,09	-	-	2,34°	1,98°
KMR2040-30-05			30			75		31,00	32,55	33,48	34,22	-	-	-	1,66°	1,39°
KMR2040-40-05			40			80		41,00	42,87	43,94	-	-	-	-	1,29°	1,07°
KMR2040-50-05			50			100		51,00	53,15	54,34	-	-	-	-	1,05°	0,87°
KMR2040-20-10		1	20			65		21,00	22,15	22,91	23,52	24,05	-	-	2,39°	2,02°
KMR2040-30-10			30			75		31,00	32,53	33,46	34,19	-	-	-	1,69°	1,41°
KMR2040-40-10			40			80		41,00	42,85	43,92	-	-	-	-	1,30°	1,08°
KMR2040-50-10			50			100		51,00	53,14	54,32	-	-	-	-	1,06°	0,88°
KMR2050-25-03	5	0,3	25	3,5	4,9	70	6	26,00	27,38	28,23	-	-	-	-	1,02°	1,02°
KMR2050-40-03			40			80		41,00	42,87	-	-	-	-	-	0,67°	0,67°
KMR2050-25-05		0,5	25			70		26,00	27,37	28,22	-	-	-	-	1,03°	1,03°
KMR2050-40-05			40			80		41,00	42,87	-	-	-	-	-	0,67°	0,67°
KMR2050-25-10		1	25			70		26,00	27,35	28,20	-	-	-	-	1,05°	1,05°
KMR2050-40-10			40			80		41,00	42,85	-	-	-	-	-	0,68°	0,68°
KMR2060-30-03	6	0,3	30	6	5,9	75	6	31,00	-	-	-	-	-	-	0,00°	0,00°
KMR2060-50-03			50			100		51,00	-	-	-	-	-	-	0,00°	0,00°
KMR2060-30-05		0,5	30			75		31,00	-	-	-	-	-	-	0,00°	0,00°
KMR2060-50-05			50			100		51,00	-	-	-	-	-	-	0,00°	0,00°
KMR2060-30-10		1	30			75		31,00	-	-	-	-	-	-	0,00°	0,00°
KMR2060-50-10			50			100		51,00	-	-	-	-	-	-	0,00°	0,00°

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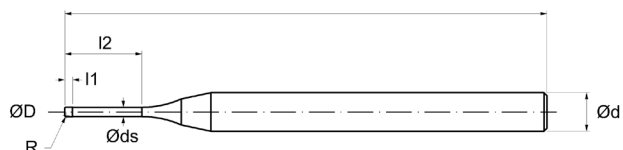
K-Mill
 Mini
 Radius
KMR4010-10-01
 Z Diametro Utile Raggio

D	0 / -0,008
R	±0,005
d	h6



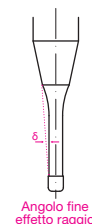
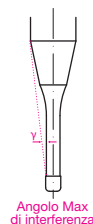
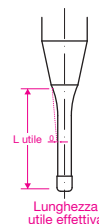
Codice	D	R	l2	l1	ds	L	d	0°	0,50°	1,0°	1,5°	2,0°	2,5°	3,0°	γ	δ			
KMR4010-4-01	1	0,1	4	0,8	0,95	50	4	4,71	5,18	5,54	5,87	6,16	6,44	6,70	7,71°	6,01°			
KMR4010-6-01			6			6,71		7,32	7,78	8,16	8,50	8,82	9,12	6,54°	4,81°				
KMR4010-8-01			8			8,71		9,46	9,98	10,41	10,79	11,14	11,47	5,68°	4,01°				
KMR4010-10-01			10			10,71		11,58	12,16	12,63	13,05	13,43	13,78	5,02°	3,44°				
KMR4010-12-01			12			12,71		13,69	14,32	14,84	15,29	15,69	16,06	4,50°	3,01°				
KMR4010-16-01			16			16,71		17,89	18,62	19,20	19,70	20,15	20,55	3,72°	2,41°				
KMR4010-20-01			20			20,71		22,07	22,88	23,52	24,06	24,54	24,98	3,17°	2,01°				
KMR4010-4-02			0,2			4		0,8	0,95	50	4,71	5,17	5,53	5,85	6,14	6,42	6,68	7,77°	6,08°
KMR4010-6-02						6				6,71	7,32	7,77	8,15	8,49	8,80	9,10	6,59°	4,86°	
KMR4010-8-02						8				8,71	9,45	9,97	10,40	10,78	11,13	11,45	5,72°	4,04°	
KMR4010-10-02		10		10,71	11,57	12,15				12,62	13,04	13,42	13,77	5,05°	3,46°				
KMR4010-12-02		12		12,71	13,68	14,31				14,83	15,28	15,68	16,05	4,52°	3,03°				
KMR4010-16-02		16		16,71	17,89	18,61				19,19	19,69	20,14	20,54	3,73°	2,42°				
KMR4010-20-02		20		20,71	22,07	22,87				23,51	24,05	24,54	24,97	3,18°	2,01°				
KMR4010-4-03		0,3		4	0,8	0,95				50	4,71	5,16	5,52	5,84	6,13	6,40	6,65	7,84°	6,16°
KMR4010-6-03				6						6,71	7,31	7,75	8,13	8,47	8,79	9,08	6,64°	4,91°	
KMR4010-8-03				8						8,71	9,44	9,96	10,39	10,77	11,11	11,44	5,75°	4,08°	
KMR4010-10-03			10	10,71				11,57	12,14	12,61	13,03	13,40	13,75	5,08°	3,49°				
KMR4010-12-03			12	12,71				13,68	14,31	14,82	15,26	15,67	16,03	4,54°	3,05°				
KMR4010-16-03			16	16,71				17,88	18,60	19,18	19,68	20,13	20,53	3,75°	2,43°				
KMR4010-20-03	20		20,71	22,06			22,86	23,50	24,04	24,53	24,96	3,19°	2,02°						
KMR4012-8-01	1,2		0,1	8			1,1	1,15	50	8,71	9,46	9,98	10,41	10,79	11,14	11,47	5,47°	4,01°	
KMR4012-12-01				12					12,71	13,69	14,32	14,84	15,29	15,69	16,06	4,30°	3,01°		
KMR4012-20-01				20					20,71	22,07	22,88	23,52	24,06	24,54	24,98	3,01°	2,01°		
KMR4012-8-02		0,2		8	50	8,71			9,45	9,97	10,40	10,78	11,13	11,45	5,51°	4,04°			
KMR4012-12-02				12	12,71	13,68			14,31	14,83	15,28	15,68	16,05	4,32°	3,03°				
KMR4012-20-02			20	20,71	22,07	22,87			23,51	24,05	24,54	24,97	3,02°	2,01°					
KMR4012-8-03			0,3	8	50	8,71			9,44	9,96	10,39	10,77	11,11	11,44	5,55°	4,08°			
KMR4012-12-03				12	12,71	13,68			14,31	14,82	15,26	15,67	16,03	4,35°	3,05°				
KMR4012-20-03		20		20,71	22,06	22,86			23,50	24,04	24,53	24,96	3,03°	2,02°					
KMR4015-6-01		1,5		0,1	6	1,35			1,44	50	6,77	7,36	7,81	8,19	8,53	8,84	9,13	5,98°	4,78°
KMR4015-8-01	8				8,77		9,49	10,00		10,43	10,81	11,16	11,48	5,13°	3,99°				
KMR4015-10-01	10		10,77		11,61		12,18	12,65		13,07	13,45	13,79	4,49°	3,42°					
KMR4015-12-01	12		12,77		13,72		14,34	14,86		15,30	15,70	16,07	3,99°	2,99°					
KMR4015-16-01	16		16,77		17,92		18,64	19,21		19,71	20,16	20,56	3,26°	2,39°					
KMR4015-20-01	20		20,77	22,10	22,89		23,53	24,07		24,56	-	2,76°	1,99°						
KMR4015-6-02	0,2		6	50	6,77		7,36	7,80		8,17	8,51	8,82	9,11	6,03°	4,83°				
KMR4015-8-02			8	8,77	9,49		9,99	10,42		10,80	11,15	11,47	5,16°	4,02°					
KMR4015-10-02			10	10,77	11,60		12,17	12,64		13,06	13,43	13,78	4,52°	3,44°					
KMR4015-12-02			12	12,77	13,71		14,34	14,85		15,29	15,69	16,06	4,01°	3,01°					
KMR4015-16-02		16	16,77	17,91	18,63	19,21	19,70	20,15	20,55	3,28°	2,40°								
KMR4015-20-02	20	20,77	22,09	22,89	23,52	24,07	24,55	-	2,77°	2,00°									

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D	0 / -0,008
R	±0,005
d	h6



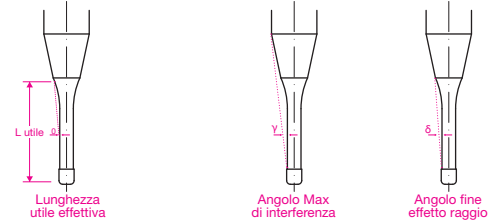
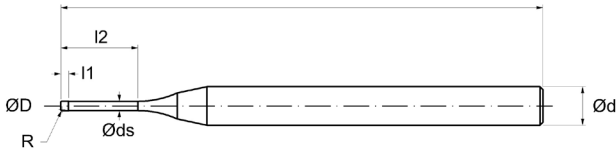
Codice	D	R	l2	l1	ds	L	d	0°	0,50°	1,0°	1,5°	2,0°	2,5°	3,0°	γ	δ				
KMR4015-6-03	1,5	0,3	6	1,35	1,44	50	4	6,77	7,35	7,79	8,16	8,50	8,81	9,10	6,08°	4,88°				
KMR4015-8-03			8			8,77		9,48	9,99	10,41	10,79	11,13	11,45	5,20°	4,05°					
KMR4015-10-03			10			10,77		11,60	12,16	12,63	13,05	13,42	13,77	4,54°	3,47°					
KMR4015-12-03			12			12,77		13,71	14,33	14,84	15,28	15,68	16,05	4,03°	3,03°					
KMR4015-16-03			16			16,77		17,91	18,62	19,20	19,69	20,14	20,54	3,29°	2,42°					
KMR4015-20-03			20			20,77		22,09	22,88	23,51	24,06	24,54	-	2,78°	2,01°					
KMR4015-6-05		0,5	6			50		6,77	7,34	7,76	8,13	8,46	8,77	9,06	6,18°	4,97°				
KMR4015-8-05			8			50		8,77	9,47	9,97	10,39	10,76	11,10	11,42	5,27°	4,12°				
KMR4015-10-05			10			50		10,77	11,59	12,15	12,61	13,02	13,39	13,74	4,60°	3,52°				
KMR4015-12-05			12			55		12,77	13,70	14,31	14,82	15,26	15,66	16,02	4,08°	3,07°				
KMR4015-16-05			16			55		16,77	17,90	18,61	19,18	19,68	20,12	20,52	3,32°	2,44°				
KMR4015-20-05			20			60		20,77	22,08	22,87	23,50	24,04	24,52	-	2,80°	2,03°				
KMR4020-6-02	2	0,2	6	1,7	1,92	50	4	6,89	7,43	7,86	8,22	8,55	8,86	9,15	5,34°	4,77°				
KMR4020-8-02			8			8,89		9,56	10,05	10,47	10,84	11,18	11,50	4,50°	3,97°					
KMR4020-10-02			10			10,89		11,67	12,22	12,68	13,09	13,46	13,81	3,89°	3,40°					
KMR4020-12-02			12			12,89		13,77	14,38	14,88	15,32	15,72	16,09	3,43°	2,97°					
KMR4020-16-02			16			16,89		17,97	18,67	19,24	19,73	20,17	-	2,77°	2,38°					
KMR4020-20-02			20			20,89		22,14	22,92	23,55	24,09	-	-	2,32°	1,98°					
KMR4020-25-02		25	25,89			27,34		28,21	28,90	-	-	-	1,93°	1,64°						
KMR4020-30-02		30	30,89			32,52		33,47	34,21	-	-	-	1,65°	1,39°						
KMR4020-6-03		0,3	6			50		6,89	7,43	7,85	8,21	8,54	8,85	9,13	5,39°	4,82°				
KMR4020-8-03			8			50		8,89	9,55	10,04	10,45	10,83	11,17	11,48	4,54°	4,00°				
KMR4020-10-03			10			50		10,89	11,66	12,21	12,67	13,08	13,45	13,79	3,92°	3,43°				
KMR4020-12-03			12			55		12,89	13,77	14,37	14,87	15,31	15,71	16,07	3,45°	2,99°				
KMR4020-16-03			16			55		16,89	17,96	18,66	19,23	19,72	20,16	-	2,78°	2,39°				
KMR4020-20-03			20			60		20,89	22,13	22,92	23,54	24,08	-	-	2,33°	1,99°				
KMR4020-25-03		25	65			25,89		27,33	28,20	28,89	-	-	-	1,94°	1,64°					
KMR4020-30-03		30	70			30,89		32,51	33,46	34,21	-	-	-	1,66°	1,40°					
KMR4020-6-05		0,5	6			50		6,89	7,41	7,82	8,18	8,51	8,81	9,10	5,48°	4,91°				
KMR4020-8-05			8			50		8,89	9,54	10,02	10,43	10,80	11,14	11,45	4,61°	4,07°				
KMR4020-10-05			10			50		10,89	11,65	12,20	12,65	13,06	13,42	13,77	3,97°	3,47°				
KMR4020-12-05			12			55		12,89	13,76	14,36	14,85	15,29	15,68	16,05	3,49°	3,03°				
KMR4020-16-05			16			55		16,89	17,95	18,65	19,21	19,70	20,14	-	2,81°	2,41°				
KMR4020-20-05			20			60		20,89	22,13	22,90	23,53	24,06	-	-	2,35°	2,00°				
KMR4020-25-05		25	65			25,89		27,33	28,19	28,88	-	-	-	1,95°	1,65°					
KMR4020-30-05		30	70			30,89		32,51	33,45	34,20	-	-	-	1,67°	1,41°					
KMR4025-10-02		2,5	0,2			10		2	2,39	50	4	11,05	11,76	12,29	12,74	13,14	13,51	13,85	3,13°	3,13°
KMR4025-16-02						16				17,05		18,04	18,72	19,28	19,77	-	-	-	2,18°	2,18°
KMR4025-20-02						20				21,05		22,21	22,97	23,59	-	-	-	-	1,81°	1,81°
KMR4025-30-02						30				31,05		32,58	33,51	-	-	-	-	-	1,27°	1,27°
KMR4025-10-03						10				11,05		11,75	12,28	12,73	13,13	13,50	13,83	3,15°	3,15°	
KMR4025-16-03			0,3			16				17,05		18,04	18,72	19,28	19,76	-	-	-	2,19°	2,19°
KMR4025-20-03	20			21,05	22,20	22,97	23,58			-		-	-	-	1,82°	1,82°				
KMR4025-30-03	30			31,05	32,57	33,51	-			-		-	-	-	1,28°	1,28°				

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D	0 / -0,008
R	±0,005
d	h6



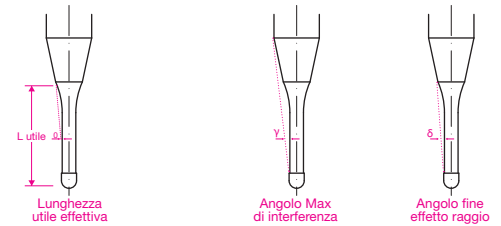
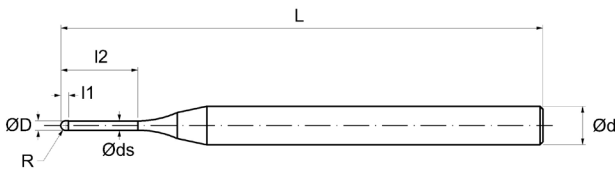
Codice	D	R	l2	l1	ds	L	d	0°	0,50°	1,0°	1,5°	2,0°	2,5°	3,0°	γ	δ					
KMR4025-10-05	2,5	0,5	10	2	2,39	50	4	11,05	11,74	12,27	12,71	13,11	13,47	13,80	3,19°	3,19°					
KMR4025-16-05			16			17,05		18,03	18,70	19,26	19,74	-	-	-	2,21°	2,21°					
KMR4025-20-05			20			21,05		22,20	22,96	23,57	-	-	-	-	-	1,83°	1,83°				
KMR4025-30-05			30			31,05		32,57	33,50	-	-	-	-	-	-	-	-	1,28°	1,28°		
KMR4030-16-02	3	0,2	16	2,5	2,85	65	6	17,22	18,14	18,80	19,35	19,82	20,26	20,65	3,70°	2,28°					
KMR4030-20-02			20			21,22		22,30	23,04	23,65	24,17	24,64	25,07	-	-	3,15°	1,89°				
KMR4030-25-02			25			26,22		27,48	28,32	28,99	29,56	30,07	-	-	-	2,67°	1,57°				
KMR4030-35-02			35			36,22		37,81	38,80	39,57	40,22	-	-	-	-	2,04°	1,16°				
KMR4030-16-03			16			17,22		18,14	18,79	19,34	19,82	20,25	20,64	-	-	3,71°	2,29°				
KMR4030-20-03			20			21,22		22,30	23,04	23,64	24,16	24,63	25,06	-	-	3,17°	1,90°				
KMR4030-25-03		25	26,22			27,48		28,31	28,98	29,55	30,06	-	-	-	2,67°	1,57°					
KMR4030-35-03		35	36,22			37,81		38,79	39,57	40,22	-	-	-	-	2,04°	1,17°					
KMR4030-16-05		0,5	16			17,22		18,13	18,78	19,32	19,80	20,23	20,62	-	-	3,74°	2,31°				
KMR4030-20-05			20			21,22		22,29	23,02	23,63	24,15	24,61	25,04	-	-	3,19°	1,92°				
KMR4030-25-05			25			26,22		27,47	28,30	28,97	29,54	30,04	-	-	-	2,69°	1,58°				
KMR4030-35-05			35			36,22		37,80	38,78	39,56	40,21	-	-	-	-	2,05°	1,17°				
KMR4040-20-03	4		0,3	20	3	3,9	65	6	21,00	22,18	22,95	23,57	24,11	-	-	2,32°	1,96°				
KMR4040-30-03				30			31,00		32,55	33,49	34,23	-	-	-	-	1,65°	1,38°				
KMR4040-40-03		40		41,00			42,87		43,95	-	-	-	-	-	1,28°	1,07°					
KMR4040-50-03		50		51,00			53,16		54,35	-	-	-	-	-	1,05°	0,87°					
KMR4040-20-05		0,5	20	21,00			22,17		22,94	23,56	24,09	-	-	-	2,34°	1,98°					
KMR4040-30-05			30	31,00			32,55		33,48	34,22	-	-	-	-	1,66°	1,39°					
KMR4040-40-05			40	41,00			42,87		43,94	-	-	-	-	-	1,29°	1,07°					
KMR4040-50-05			50	51,00			53,15		54,34	-	-	-	-	-	1,05°	0,87°					
KMR4040-20-10			1	20			21,00		22,15	22,91	23,52	24,05	-	-	-	2,39°	2,02°				
KMR4040-30-10				30			31,00		32,53	33,46	34,19	-	-	-	-	1,69°	1,41°				
KMR4040-40-10		40		41,00			42,85		43,92	-	-	-	-	-	1,30°	1,08°					
KMR4040-50-10		50		51,00			53,14		54,32	-	-	-	-	-	1,06°	0,88°					
KMR4050-25-03	5	0,3	25	3,5	4,9	70	6	26,00	27,38	28,23	-	-	-	-	1,02°	1,02°					
KMR4050-40-03			40			41,00		42,87	-	-	-	-	-	-	0,67°	0,67°					
KMR4050-25-05		0,5	25			26,00		27,37	28,22	-	-	-	-	-	1,03°	1,03°					
KMR4050-40-05			40			41,00		42,87	-	-	-	-	-	-	0,67°	0,67°					
KMR4050-25-10		1	25			26,00		27,35	28,20	-	-	-	-	-	1,05°	1,05°					
KMR4050-40-10			40			41,00		42,85	-	-	-	-	-	-	0,68°	0,68°					
KMR4060-30-03			6			0,3		30	6	5,9	75	6	31,00	-	-	-	-	-	-	0,00°	0,00°
KMR4060-50-03								50			51,00		-	-	-	-	-	-	-	0,00°	0,00°
KMR4060-30-05	0,5	30		31,00	-	-	-	-			-		-	-	0,00°	0,00°					
KMR4060-50-05		50		51,00	-	-	-	-			-		-	-	0,00°	0,00°					
KMR4060-30-10	1	30		31,00	-	-	-	-			-		-	-	0,00°	0,00°					
KMR4060-50-10		50		51,00	-	-	-	-			-		-	-	0,00°	0,00°					

KMB | K-Mill Mini Ball



K-Mill
 Mini
 Ball
KMB2010-10
 Z Diametro Utile

D	0 / -0,008
R	±0,005
d	h6



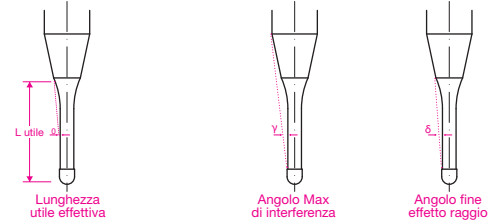
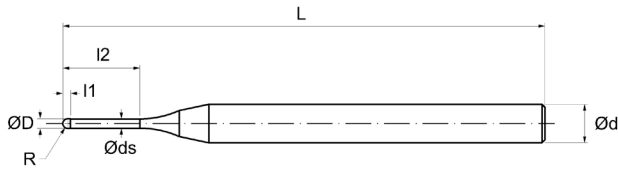
Codice	D	R	l2	l1	ds	L	d	0°	0,50°	1,0°	1,5°	2,0°	2,5°	3,0°	γ	δ
KMB2005-2	0,5	0,25	2	0,35	0,48	50	4	2,45	2,80	3,09	3,35	3,59	3,81	4,03	9,88°	8,33°
KMB2005-4			4					4,45	5,01	5,41	5,75	6,05	6,33	6,60	8,26°	6,23°
KMB2005-6			6					6,45	7,19	7,66	8,06	8,41	8,73	9,03	7,10°	4,97°
KMB2005-8			8			50		8,45	9,33	9,88	10,32	10,71	11,07	11,40	6,23°	4,13°
KMB2006-2	0,6	03	2	0,4	0,58	50	4	2,45	2,80	3,08	3,34	3,57	3,80	4,01	9,87°	8,40°
KMB2006-4			4					4,45	5,01	5,40	5,74	6,04	6,32	6,58	8,22°	6,27°
KMB2006-6			6					6,45	7,18	7,66	8,05	8,40	8,72	9,02	7,04°	4,99°
KMB2006-8			8					8,45	9,33	9,87	10,32	10,71	11,06	11,39	6,16°	4,15°
KMB2008-4	0,8	0,4	4	0,5	0,77	50	4	4,55	5,05	5,43	5,76	6,05	6,33	6,58	8,11°	6,30°
KMB2008-6			6					6,55	7,19	7,64	8,01	8,35	8,66	8,95	7,08°	5,20°
KMB2008-8			8					8,55	9,34	9,86	10,28	10,66	11,01	11,33	6,14°	4,29°
KMB2008-10			10					10,55	11,47	12,05	12,52	12,93	13,31	13,65	5,42°	3,65°
KMB2010-3	1	0,5	3	0,8	0,95	50	4	3,71	4,06	4,36	4,63	4,88	5,12	5,35	8,78°	7,25°
KMB2010-4			4					4,71	5,14	5,49	5,80	6,09	6,35	6,61	7,97°	6,31°
KMB2010-6			6					6,71	7,30	7,73	8,11	8,44	8,75	9,04	6,73°	5,00°
KMB2010-8			8					8,71	9,43	9,94	10,36	10,74	11,08	11,40	5,83°	4,14°
KMB2010-10			10					10,71	11,55	12,12	12,59	13,00	13,38	13,72	5,13°	3,54°
KMB2010-12			12					12,71	13,67	14,29	14,80	15,24	15,64	16,01	4,59°	3,08°
KMB2010-16			16					16,71	17,87	18,59	19,16	19,66	20,11	20,51	3,78°	2,46°
KMB2010-20	20	20,71	22,05	22,85	23,49	24,03	24,51	24,94	3,22°	2,04°						
KMB2012-8	1,2	0,6	8	1,1	1,15	50	4	8,71	9,42	9,93	10,35	10,73	11,07	11,39	5,66°	4,18°
KMB2012-12			12					12,71	13,66	14,28	14,79	15,23	15,63	15,99	4,42°	3,10°
KMB2015-8	1,5	0,75	8	1,35	1,44	50	4	8,77	9,45	9,94	10,36	10,73	11,06	11,38	5,37°	4,21°
KMB2015-12			12					12,77	13,68	14,29	14,79	15,23	15,63	15,99	4,13°	3,11°
KMB2015-16			16					16,77	17,89	18,59	19,16	19,65	20,09	20,49	3,36°	2,47°
KMB2015-20			20					20,77	22,07	22,85	23,48	24,02	24,50	-	2,83°	2,05°
KMB2016-12	1,6	0,8	12	1,4	1,54	55	4	12,77	13,68	14,29	14,79	15,22	15,62	15,98	4,03°	3,12°
KMB2016-20			20					20,77	22,07	22,85	23,48	24,01	24,49	-	2,75°	2,05°
KMB2020-6	2	1	6	1,7	1,92	50	4	6,89	7,38	7,77	8,12	8,43	8,72	9,00	5,74°	5,17°
KMB2020-8			8					8,89	9,51	9,97	10,37	10,73	11,06	11,37	4,79°	4,25°
KMB2020-10			10					10,89	11,62	12,15	12,60	13,00	13,36	13,69	4,11°	3,60°
KMB2020-12			12					12,89	13,73	14,32	14,81	15,23	15,62	15,98	3,59°	3,13°
KMB2020-16			16					16,89	17,93	18,61	19,17	19,66	20,09	-	2,87°	2,47°
KMB2020-20			20					20,89	22,11	22,87	23,49	24,02	-	-	2,39°	2,05°
KMB2020-25			25					25,89	27,31	28,17	28,85	-	-	-	1,98°	1,68°
KMB2020-30	30	30,89	32,49	33,43	34,17	-	-	-	1,69°	1,43°						
KMB2030-8	3	1,5	8	2,5	2,85	58	6	9,22	9,71	10,11	10,47	10,80	11,11	11,40	6,12°	4,25°
KMB2030-10			10					11,22	11,81	12,28	12,69	13,06	13,40	13,72	5,36°	3,58°
KMB2030-12			12					13,22	13,91	14,44	14,89	15,29	15,66	16,01	4,77°	3,09°
KMB2030-16			16					17,22	18,09	18,72	19,24	19,70	20,12	20,51	3,91°	2,43°
KMB2030-20			20					21,22	22,25	22,97	23,55	24,07	24,52	24,94	3,31°	2,00°
KMB2030-25			25					26,22	27,44	28,25	28,90	29,47	29,96	-	2,78°	1,64°
KMB2030-35	35	36,22	37,77	38,74	39,50	40,15	-	-	2,10°	1,20°						

KMB | K-Mill Mini Ball



K-Mill
 Mini
 Ball
KMB2010-10
Z Diametro Utile

D	0 / -0,008
R	±0,005
d	h6



Codice	D	R	l2	l1	ds	L	d	0°	0,50°	1,0°	1,5°	2,0°	2,5°	3,0°	γ	δ	
KMB2040-12	4	2	12	3	3,9	58	6	13,00	13,74	14,29	14,75	15,15	15,53	15,87	3,81°	3,30°	
KMB2040-16			16			65		17,00	17,94	18,58	19,12	19,59	20,01	20,39	3,01°	2,57°	
KMB2040-20			20			65		21,00	22,11	22,85	23,45	23,96	-	-	-	2,49°	2,11°
KMB2040-30			30			75		31,00	32,49	33,41	34,13	-	-	-	-	1,74°	1,45°
KMB2040-40			40			80		41,00	42,82	43,87	-	-	-	-	-	1,33°	1,11°
KMB2040-50	50	100	51,00	53,11	54,28	-	-	-	-	-	1,08°	0,90°					
KMB2050-25	5	2,5	25	3,5	4,9	70	6	26,00	27,29	28,11	-	-	-	-	1,11°	1,11°	
KMB2050-40			40			80		41,00	42,81	-	-	-	-	-	0,70°	0,70°	
KMB2060-30	6	3	30	6	5,9	75	6	31,00	-	-	-	-	-	-	0,00°	0,00°	
KMB2060-50			50			100		51,00	-	-	-	-	-	-	0,00°	0,00°	





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