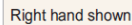
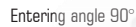


90° Face milling cutters



Unit mm

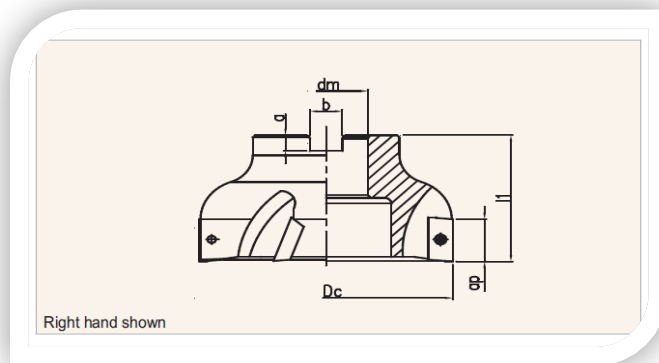
Spare parts, parts included in delivery

Please check availability in current price and stock list

90° Face milling cutters



Entering angle 90°



Unit mm

Order code	Part code	Dimensions							Master insert	PRICE
		Dc	dm	l1	a	b	ap	z		
A104.40.16.6.1	GFM90AP116-D40-16	40	16	40	5,6	8,4	11	6	APXT 11T3	53,00 EUR
A104.50.22.7.1	GFM90AP117-D50-22	50	22	40	6,3	10,4	11	7	APXT 11T3	62,00 EUR
A104.63.22.8.1	GFM90AP118-D63-22	63	22	40	6,3	10,4	11	8	APXT 11T3	70,00 EUR
A128.40.16.5.1	GFM90R390.115-D40-16	40	16	40	5,6	8,4	11	5	R390.11T3	53,00 EUR
A128.50.22.6.1	GFM90R390.116-D50-22	50	22	40	6,3	10,4	11	6	R390.11T3	62,00 EUR
A128.63.22.7.1	GFM90R390.117-D63-22	63	22	40	6,3	10,4	11	7	R390.11T3	70,00 EUR
A130.40.16.4.1	GFM90R390.174-D40-16	40	16	40	5,6	8,4	17	4	R390.17T4	48,00 EUR
A130.50.22.5.1	GFM90R390.175-D50-22	50	22	40	6,3	10,4	17	5	R390.17T4	57,00 EUR
A130.63.22.6.1	GFM90R390.176-D63-22	63	22	40	6,3	10,4	17	6	R390.17T4	65,00 EUR
A130.80.27.7.1	GFM90R390.177-D80-27	80	27	50	7,0	12,4	17	7	R390.17T4	83,00 EUR
A130.100.32.8.1	GFM90R390.178-D100-32	100	32	50	8,0	14,4	17	8	R390.17T4	95,00 EUR
A130.125.40.9.1	GFM90R390.179-D125-40	125	40	63	9,0	16,4	17	9	R390.17T4	110,00 EUR

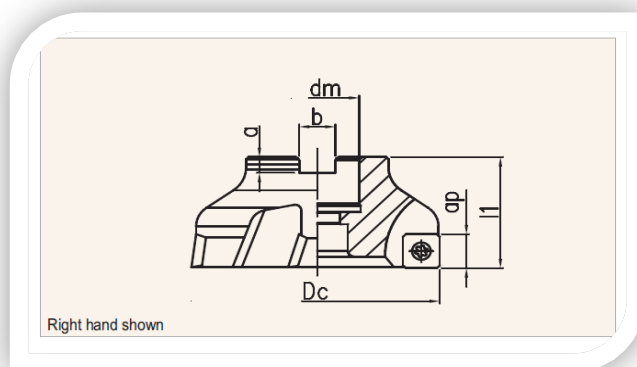
Spare parts, parts included in delivery

For insert	Insert screw	Wrench				
APXT 11T3	A101.103 (M2.5)	A107.101 (T8)				
R390.11T3	A101.103 (M2.5)	A107.101 (T8)				
R390.17T4	A101.106 (M3)	A107.102 (T15)				

Please check availability in current price and stock list



Entering angle 90°



Unit mm

[illegible]

Spare parts, parts included in delivery

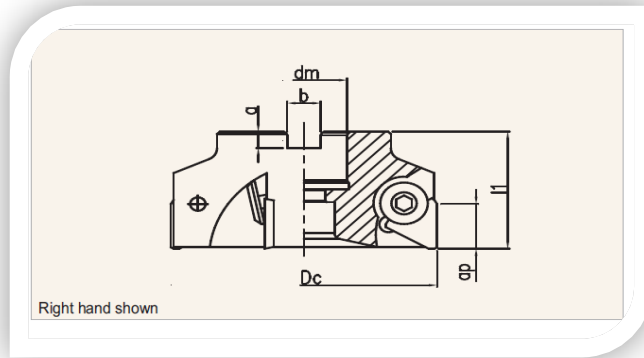
For insert	Insert screw	Wrench					
SD.. 12T3	A101.107 (M4)	A107.102 (T15)					

Please check availability in current price and stock list

90° Face milling cutters



Entering angle 90°



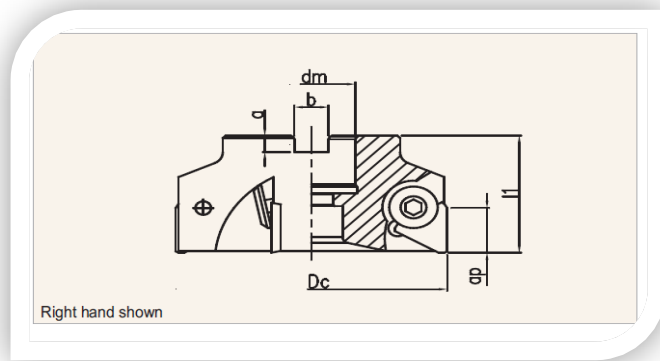
Unit mm

Order code	Part code	Dimensions							Master insert	PRICE
		Dc	dm	l1	a	b	ap	z		
A106.42.16.3.1	FM90TP163-D42-16	42	16	44	5,6	8,4	16	3	TPKN 1603	43,00 EUR
A106.50.22.3.1	GFM90TP163-D50-22	50	22	44	6,3	10,4	16	3	TPKN 1603	52,00 EUR
A106.63.22.3.1	GFM90TP163-D63-22	63	22	44	6,3	10,4	16	3	TPKN 1603	60,00 EUR
A106.63.22.4.1	GFM90TP164-D63-22	63	22	44	6,3	10,4	16	4	TPKN 1603	60,00 EUR
A106.80.32.5.1	GFM90TP165-D80-32	80	32	52	8,0	14,4	16	5	TPKN 1603	78,00 EUR
A106.100.32.6.1	GFM90TP166-D100-32	100	32	52	8,0	14,4	16	6	TPKN 1603	90,00 EUR
A107.63.22.3.1	GFM90TP223-D63-22	63	22	44	6,3	10,4	22	3	TPKN 2204	60,00 EUR
A107.80.32.4.1	GFM90TP224-D80-32	80	32	52	8,0	14,4	22	4	TPKN 2204	78,00 EUR
A107.100.32.5.1	GFM90TP225-D100-32	100	32	52	8,0	14,4	22	5	TPKN 2204	90,00 EUR
A107.125.40.6.1	GFM90TP226-D125-40	125	40	63	9,0	16,4	22	6	TPKN 2204	105,00 EUR
A107.160.40.7.1	GFM90TP227-D160-40	160	40	63	9,0	16,4	22	7	TPKN 2204	140,00 EUR
A107.200.60.8.1	GFM90TP228-D200-60	200	60	63	14,0	25,7	22	8	TPKN 2204	165,00 EUR
A107.250.60.9.1	GFM90TP229-D250-60	250	60	63	14,0	25,7	22	9	TPKN 2204	205,00 EUR
A107.315.60.10.1	GFM90TP2210-D315-60	315	60	63	14,0	25,7	22	10	TPKN 2204	260,00 EUR

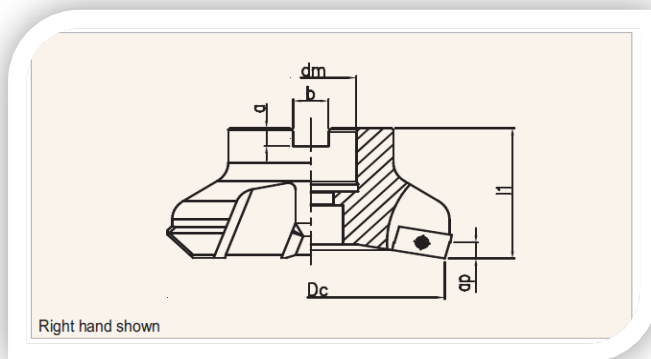
Spare parts, parts included in delivery

For insert	Insert screw	Wrench				
TPKN 1603	A104.102 (M6X0.75x16)	A109.107 (4 HK)				
TPKN 2204	A104.103 (M8X1x24)	A109.109 (5 HK)				

Please check availability in current price and stock list

[illegible]

For insert	Insert screw	Wrench	Shim	Shim screw	Wrench		
TPKN 1603	A104.102	A109.107 (4 HK)	A102.109	A103.103 (M3)	A109.104 (2.5 HK)		
	(M6X0.75x16)						
TPKN 2204	A104.103	A109.109 (5 HK)	A102.110	A103.104 (M4)	A109.104 (2.5 HK)		
	(M8X1x24)						

[illegible]

For insert	Insert screw	Wrench					
APKT 1604	A101.106 (M3.5)	A107.102 (T15)					



Technical drawing of a mechanical part showing dimensions: d_m , b , a , D_c , and r .

[illegible]

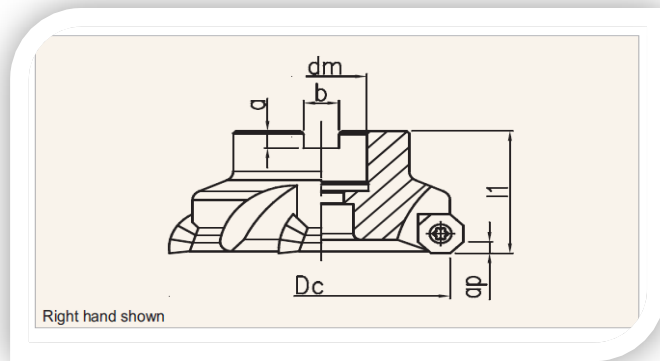
For insert	Insert screw	Wrench					
SPKN 1203	A104.104	A109.109 (5 HK)					
	(M8X1x26L)						

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45° Face milling cutters



Entering angle 45°



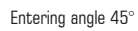
Unit mm

Order code	Part code. Ürün kodu	Dimensions							Master insert	PRICE
		Dc	dm	l1	a	b	ap	z		
A112.40.16.4.1	GFM450F054-D40-16	40	16	40	5,6	8,4	3	4	OFKT 05T3	58,00 EUR
A112.50.22.5.1	GFM450F055-D50-22	50	22	40	6,3	10,4	3	5	OFKT 05T3	67,00 EUR
A112.63.22.6.1	GFM450F056-D63-22	63	22	40	6,3	10,4	3	6	OFKT 05T3	75,00 EUR
A112.80.27.7.1	GFM450F057-D80-27	80	27	50	7,0	12,4	3	7	OFKT 05T3	83,00 EUR
A112.100.32.8.1	GFM450F058-D100-32	100	32	50	8,0	14,4	3	8	OFKT 05T3	105,00 EUR
A112.120.40.10.1	GFM450F0510-D120-40	120	40	63	9,0	16,4	3	10	OFKT 05T3	120,00 EUR
A113.63.22.5.1	GFM450F075-D63-22	63	22	40	6,3	84,0	3	5	OFPT 0706	70,00 EUR
A113.80.27.6.1	GFM450F076-D80-27	80	27	50	7,0	12,4	3	6	OFPT 0706	78,00 EUR
A113.100.32.8.1	GFM450F078-D100-32	100	32	50	8,0	14,4	3	8	OFPT 0706	100,00 EUR
A113.125.40.10.1	GFM450F0710-D125-40	125	40	63	9,0	16,4	3	10	OFPT 0706	125,00 EUR
A113.160.40.12.1	GFM450F0712-D160-40	160	40	63	9,0	16,4	3	12	OFPT 0706	150,00 EUR

Spare parts, parts included in delivery

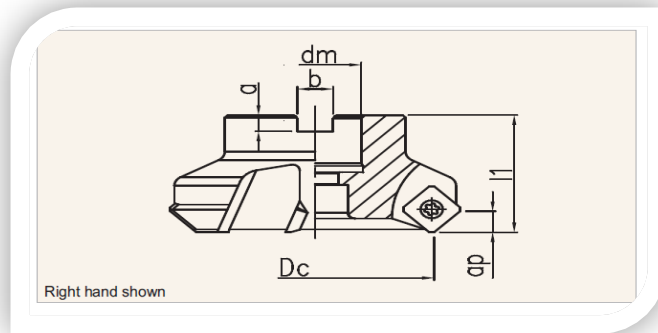
For insert	Insert screw	Wrench				
OFKT 05T3	A101.107 (M4)	A107.102 (T15)				
OFPT 0706	A101.108 (M4.5)	A107.103 (T20)				

Please check availability in current price and stock list



Spare parts, parts included in delivery

Please check availability in current price and stock list

[illegible]

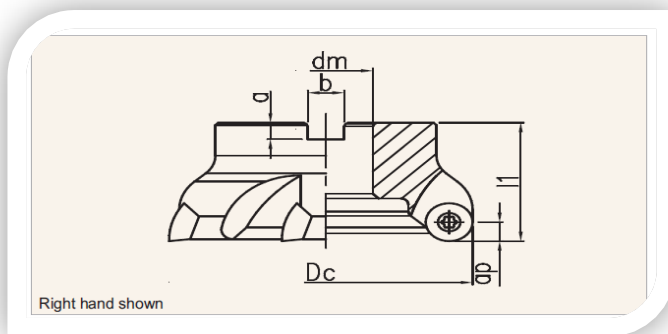
Spare parts, parts included in delivery

For insert	Insert screw	Wrench					
SNMX 1206	A101.107 (M4)	A107.102 (T15)					

Copy face milling cutters



Unit mm

[illegible]

Spare parts, parts included in delivery

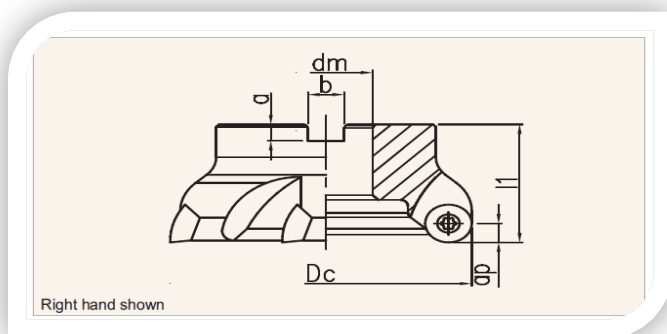
For insert	Insert screw	Wrench					
RDHT 10T3	A101.106 (M3.5)	A107.102 (T15)					

Please check availability in current price and stock list

Copy face milling cutters



Unit mm



Order code	Part code	Dimensions							Master insert	PRICE
		Dc	dm	l1	a	b	ap	z		
A116.50.22.4.1	GFMRD124-D50-22	50	22	40	6,3	10,4	6	4	RDMW 12T3	48,00 EUR
A116.63.22.5.1	GFMRD125-D63-22	63	22	40	6,3	10,4	6	5	RDMW 12T3	57,00 EUR
A116.80.27.6.1	GFMRD126-D80-27	80	27	50	7,0	12,4	6	6	RDMW 12T3	65,00 EUR
A116.100.32.7.1	GFMRD127-D100-32	100	32	50	8,0	14,4	6	7	RDMW 12T3	83,00 EUR
A118.80.27.5.1	GFMRD165-D80-27	80	27	50	7,0	12,4	8	5	RDMW 1604	80,00 EUR
A118.100.32.6.1	GFMRD166-D100-32	100	32	50	8,0	14,4	8	6	RDMW 1604	92,00 EUR
A118.125.40.7.1	GFMRD167-D125-40	125	40	63	9,0	16,4	8	7	RDMW 1604	108,00 EUR
A117.50.22.4.1	GFMRD124-D50-22	50	22	40	6,3	10,4	6	4	RDMW 1204	48,00 EUR
A117.63.22.5.1	GFMRD125-D63-22	63	22	40	6,3	10,4	6	5	RDMW 1204	57,00 EUR
A117.80.27.6.1	GFMRD126-D80-27	80	27	50	7,0	12,4	6	6	RDMW 1204	65,00 EUR
A117.100.32.7.1	GFMRD127-D100-32	100	32	50	8,0	14,4	6	7	RDMW 1204	83,00 EUR
A119.100.32.6.1	GFMRD166-D100-32	100	32	50	8,0	14,4	8	6	RDMW 1605	85,00 EUR

Spare parts, parts included in delivery

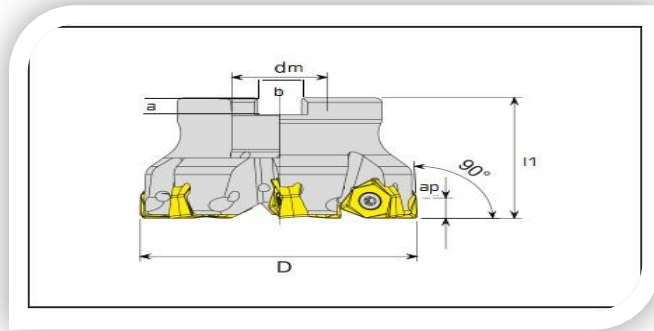
For insert	Insert screw	Wrench				
RDMW 12T3	A101.107 (M4)	A107.102 (T15)				
RDMW 1204	A101.107 (M4)	A107.102 (T15)				
RDMW 1604	A101.109 (M5)	A107.103 (T20)				
RDMW 1605	A101.109 (M5)	A107.103 (T20)				

Please check availability in current price and stock list

Copy face milling cutters



Unit mm



		Dimensions								
Order code	Part code	Dc	dm	l1	a	b	ap	z	Master insert	PRICE
A118.50.22.4.1	GFMWN 09 D504-22	50	22	40	6,3	10,4	5	4	WNMX 09T3	67,00 EUR
A118.63.22.5.1	GFMWN 09 D635-22	63	22	40	6,3	10,4	5	5	WNMX 09T3	73,00 EUR
A118.80.27.6.1	GFMWN 09 D806-27	80	27	50	7	12,4	5	6	WNMX 09T3	84,00 EUR
A118.100.32.7.1	GFMWN 09 D1007-32	100	32	50	8	14,4	5	7	WNMX 09T3	91,00 EUR
A120.50.22.4.1	GFMWN 13 D504-22	50	22	40	6,3	10,4	5	4	WNMX 1305	65,00 EUR
A120.63.22.5.1	GFMWN 13 D635-22	63	22	40	6,3	10,4	5	5	WNMX 1305	71,00 EUR
A120.80.27.6.1	GFMWN 13 D806-27	80	27	50	7	12,4	5	6	WNMX 1305	83,00 EUR
A120.100.32.7.1	GFMWN 13 D1007-32	100	32	50	8	14,4	5	7	WNMX 1305	89,00 EUR

Spare parts, parts included in delivery

For insert	Insert screw	Wrench				
WNMX 09T3	A101.106 (M3,5)	A107.102 (T15)				
WNMX 1305	A101.106 (M3,5)	A107.102 (T15)				

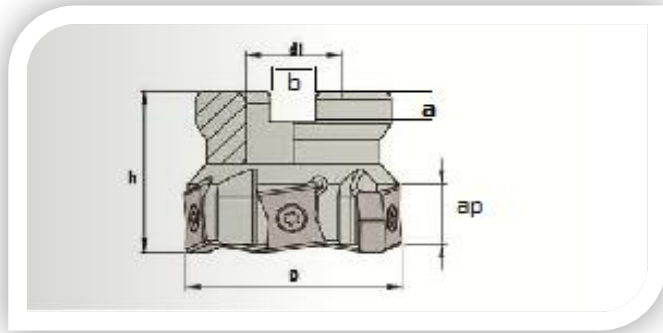
Please check availability in current price and stock list

[illegible]

Spare parts, parts included in delivery

For insert	Insert screw	Wrench					
WDKT 1305	A101.107 (M4)	A107.102 (T15)					

Please check availability in current price and stock list



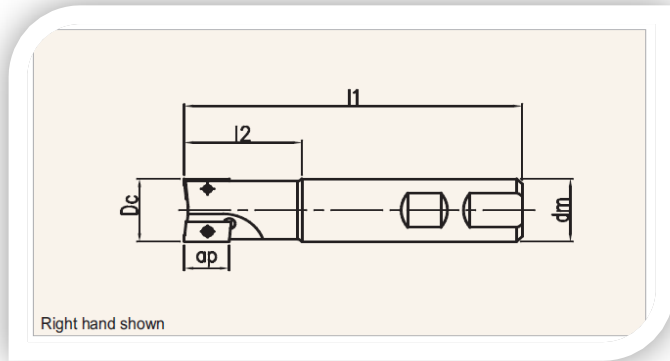
Spare parts, parts included in delivery

Please check availability in current price and stock list

90° End milling cutters



Entering angle 90°



Unit mm

Order code	Part code	Dimensions					z	Master insert	PRICE
		Dc	dm	l1	l2	ap			
B101.25.25.100.2.1	GEM90AD152-D25-25-100	25	25	100	45	15	2	ADKT 1505	30,00 EUR
B101.28.25.100.2.1	GEM90AD152-D28-25-100	28	25	100	45	15	2	ADKT 1505	33,00 EUR
B101.30.25.100.3.1	GEM90AD153-D30-25-100	30	25	100	45	15	3	ADKT 1505	36,00 EUR
B101.32.25.100.3.1	GEM90AD153-D32-25-100	32	25	100	45	15	3	ADKT 1505	39,00 EUR
B101.35.25.100.3.1	GEM90AD153-D35-25-100	35	25	100	45	15	3	ADKT 1505	42,00 EUR
B101.40.25.100.3.1	GEM90AD153-D40-25-100	40	25	100	45	15	3	ADKT 1505	45,00 EUR
B101.25.25.120.2.1	GEM90AD152-D25-25-120	25	25	120	45	15	2	ADKT 1505	33,00 EUR
B101.28.25.120.2.1	GEM90AD152-D28-25-120	28	25	120	45	15	2	ADKT 1505	36,00 EUR
B101.30.25.120.3.1	GEM90AD153-D30-25-120	30	25	120	45	15	3	ADKT 1505	39,00 EUR
B101.32.25.120.3.1	GEM90AD153-D32-25-120	32	25	120	45	15	3	ADKT 1505	42,00 EUR
B101.35.25.120.3.1	GEM90AD153-D35-25-120	35	25	120	45	15	3	ADKT 1505	45,00 EUR
B101.40.25.120.3.1	GEM90AD153-D40-25-120	40	25	120	45	15	3	ADKT 1505	48,00 EUR

Spare parts, parts included in delivery

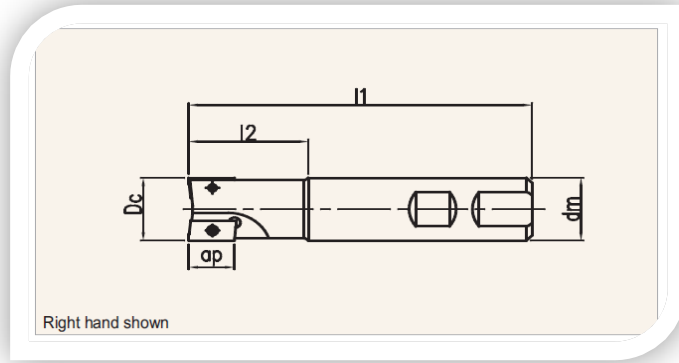
For insert	Insert screw	Wrench					
ADLT 1503	A101.106 (M3.5)	A107.102 (T15)					

Please check availability in current price and stock list

90° End milling cutters



Entering angle 90°



Unit mm

Order code. Sipariş kodu	Part code. Ürün kodu	Dimensions-Ölçüler							PRICE
		Dc	dm	l1	l2	ap	z	Master insert	
B103.12.12.100.1.1	GEM90AP101-D12-12-100	12	12	100	30	10	1	APKT 1003	18,00 EUR
B103.14.14.100.1.1	GEM90AP101-D14-14-100	14	14	100	30	10	1	APKT 1003	20,00 EUR
B103.16.16.100.2.1	GEM90AP102-D16-16-100	16	16	100	30	10	2	APKT 1003	22,00 EUR
B103.18.16.100.2.1	GEM90AP102-D18-16-100	18	16	100	30	10	2	APKT 1003	24,00 EUR
B103.20.20.100.2.1	GEM90AP102-D20-20-100	20	20	100	30	10	2	APKT 1003	26,00 EUR
B103.22.20.100.3.1	GEM90AP103-D22-20-100	22	20	100	30	10	3	APKT 1003	28,00 EUR
B103.25.25.100.3.1	GEM90AP103-D25-25-100	25	25	100	30	10	3	APKT 1003	30,00 EUR
B103.28.25.100.3.1	GEM90AP103-D28-25-100	28	25	100	30	10	3	APKT 1003	33,00 EUR
B103.12.12.120.1.1	GEM90AP101-D12-12-120	12	12	120	30	10	1	APKT 1003	21,00 EUR
B103.14.14.120.1.1	GEM90AP101-D14-14-120	14	14	120	30	10	1	APKT 1003	23,00 EUR
B103.16.16.120.2.1	GEM90AP102-D16-16-120	16	16	120	30	10	2	APKT 1003	25,00 EUR
B103.18.16.120.2.1	GEM90AP102-D18-16-120	18	16	120	30	10	2	APKT 1003	27,00 EUR
B103.20.20.120.2.1	GEM90AP102-D20-20-120	20	20	120	30	10	2	APKT 1003	29,00 EUR
B103.22.20.120.3.1	GEM90AP103-D22-20-120	22	20	120	30	10	3	APKT 1003	31,00 EUR
B103.25.25.120.3.1	GEM90AP103-D25-25-120	25	25	120	45	10	3	APKT 1003	33,00 EUR
B103.28.25.120.3.1	GEM90AP103-D28-25-120	28	25	120	30	10	3	APKT 1003	36,00 EUR
B103.30.25.120.4.1	GEM90AP104-D30-25-120	30	25	120	40	10	4	APKT 1003	39,00 EUR
B103.32.25.120.4.1	GEM90AP104-D32-25-120	32	25	120	40	10	4	APKT 1003	42,00 EUR
B103.35.25.120.4.1	GEM90AP104-D35-25-120	35	25	120	40	10	4	APKT 1003	45,00 EUR

Spare parts, parts included in delivery

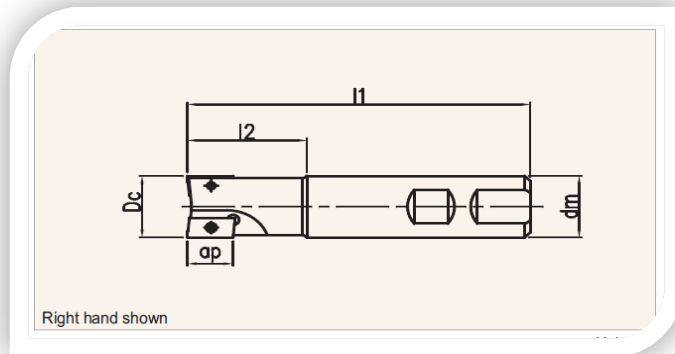
For insert	Insert screw	Wrench					
APKT 1003	A101.103 (M2.5)	A107.101 (T8)					

Please check availability in current price and stock list

90° End milling cutters



Entering angle 90°



Unit mm

Order code	Part code	Dimensions							PRICE
		Dc	dm	l1	l2	ap	z	Master insert	
B103.16.16.150.2.1	GEM90AP102-D16-16-150	16	16	150	30	10	2	APKT 1003	28,00 EUR
B103.18.16.150.2.1	GEM90AP102-D18-16-150	18	16	150	30	10	2	APKT 1003	30,00 EUR
B103.20.20.150.2.1	GEM90AP102-D20-20-150	20	20	150	30	10	2	APKT 1003	32,00 EUR
B103.22.20.150.3.1	GEM90AP103-D22-20-150	22	20	150	30	10	3	APKT 1003	34,00 EUR
B103.25.25.150.3.1	GEM90AP103-D25-25-150	25	25	150	45	10	3	APKT 1003	36,00 EUR
B103.28.25.150.3.1	GEM90AP103-D28-25-150	28	25	150	50	10	3	APKT 1003	39,00 EUR
B103.30.25.150.4.1	GEM90AP104-D30-25-150	30	25	150	50	10	4	APKT 1003	42,00 EUR
B103.32.25.150.4.1	GEM90AP104-D32-25-150	32	25	150	50	10	4	APKT 1003	45,00 EUR
B103.35.25.150.4.1	GEM90AP104-D35-25-150	35	25	150	50	10	4	APKT 1003	48,00 EUR
B103.40.25.150.4.1	GEM90AP104-D40-25-150	40	25	150	50	10	4	APKT 1003	51,00 EUR
B103.16.16.200.2.1	GEM90AP102-D16-16-200	16	16	200	30	10	2	APKT 1003	31,00 EUR
B103.18.16.200.2.1	GEM90AP102-D18-16-200	18	16	200	30	10	2	APKT 1003	33,00 EUR
B103.20.20.200.2.1	GEM90AP102-D20-20-200	20	20	200	30	10	2	APKT 1003	35,00 EUR
B103.22.20.200.3.1	GEM90AP103-D22-20-200	22	20	200	45	10	3	APKT 1003	37,00 EUR
B103.25.25.200.3.1	GEM90AP103-D25-25-200	25	25	200	50	10	3	APKT 1003	39,00 EUR
B103.28.25.200.3.1	GEM90AP103-D28-25-200	28	25	200	50	10	3	APKT 1003	42,00 EUR
B103.30.25.200.4.1	GEM90AP104-D30-25-200	30	25	200	50	10	4	APKT 1003	45,00 EUR
B103.32.25.200.4.1	GEM90AP104-D32-25-200	32	25	200	50	10	4	APKT 1003	48,00 EUR
B103.35.25.200.4.1	GEM90AP104-D35-25-200	35	25	200	50	10	4	APKT 1003	51,00 EUR
B103.40.25.200.4.1	GEM90AP104-D40-25-200	40	25	200	50	10	4	APKT 1003	54,00 EUR

Spare parts, parts included in delivery

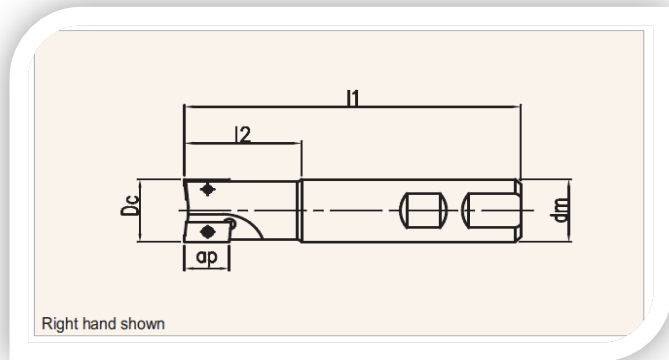
For insert	Insert screw	Wrench					
APKT 1003	A101.103 (M2.5)	A107.101 (T8)					

Please check availability in current price and stock list

90° End milling cutters



Entering angle 90°



Unit mm

Order code	Part code	Dimensions							PRICE
		Dc	dm	l1	l2	ap	z	Master insert	
B104.25.25.120.2.1	GEM90AP162-D25-25-120	25	25	120	45	16	2	APKT 1604	33,00 EUR
B104.30.25.120.2.1	GEM90AP162-D30-25-120	30	25	120	45	16	2	APKT 1604	36,00 EUR
B104.32.25.120.2.1	GEM90AP162-D32-25-120	32	25	120	45	16	2	APKT 1604	39,00 EUR
B104.35.25.120.3.1	GEM90AP163-D35-25-120	35	25	120	45	16	3	APKT 1604	42,00 EUR
B104.40.25.120.3.1	GEM90AP163-D40-25-120	40	25	120	45	16	3	APKT 1604	45,00 EUR
B104.45.25.120.4.1	GEM90AP164-D45-25-120	45	25	120	45	16	4	APKT 1604	48,00 EUR
B104.50.25.120.4.1	GEM90AP164-D50-25-120	50	25	120	45	16	4	APKT 1604	51,00 EUR
B104.50.32.120.4.1	EM90AP164-D50-32-120	50	32	120	45	16	4	APKT 1604	51,00 EUR
B104.25.25.150.2.1	GEM90AP162-D25-25-150	25	25	150	45	16	2	APKT 1604	36,00 EUR
B104.30.25.150.2.1	GEM90AP162-D30-25-150	30	25	150	45	16	2	APKT 1604	39,00 EUR
B104.32.25.150.2.1	GEM90AP162-D32-25-150	32	25	150	45	16	2	APKT 1604	42,00 EUR
B104.35.25.150.3.1	GEM90AP163-D35-25-150	35	25	150	45	16	3	APKT 1604	45,00 EUR
B104.40.25.150.3.1	GEM90AP163-D40-25-150	40	25	150	45	16	3	APKT 1604	48,00 EUR
B104.45.25.150.4.1	GEM90AP164-D45-25-150	45	25	150	45	16	4	APKT 1604	51,00 EUR
B104.50.25.150.4.1	GEM90AP164-D50-25-150	50	25	150	45	16	4	APKT 1604	54,00 EUR
B104.50.32.150.4.1	GEM90AP164-D50-32-150	50	32	150	45	16	4	APKT 1604	54,00 EUR

Spare parts, parts included in delivery

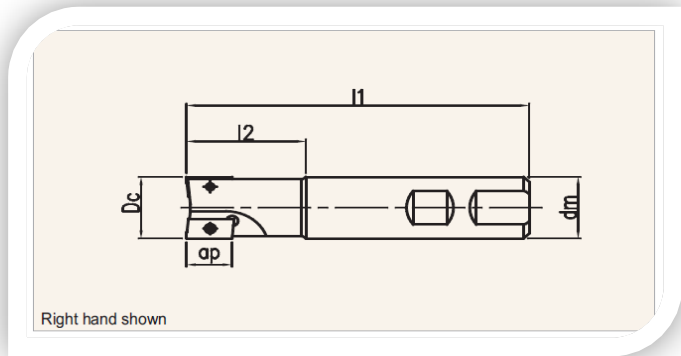
For insert	Insert screw	Wrench					
APKT 1604	A101.106 (M3.5)	A107.102 (T15)					

Please check availability in current price and stock list

90° End milling cutters



Entering angle 90°



Unit mm

Order code.	Part code	Dimensions							PRICE
		Dc	dm	l1	l2	ap	z	Master insert	
B104.25.25.200.2.1	GEM90AP162-D25-25-200	25	25	200	45	16	2	APKT 1604	36,00 EUR
B104.30.25.200.2.1	GEM90AP162-D30-25-200	30	25	200	45	16	2	APKT 1604	39,00 EUR
B104.32.25.200.2.1	GEM90AP162-D32-25-200	32	25	200	45	16	2	APKT 1604	42,00 EUR
B104.35.25.200.3.1	GEM90AP163-D35-25-200	35	25	200	45	16	3	APKT 1604	45,00 EUR
B104.40.25.200.3.1	GEM90AP163-D40-25-200	40	25	200	45	16	3	APKT 1604	48,00 EUR
B104.45.25.200.4.1	GEM90AP164-D45-25-200	45	25	200	45	16	4	APKT 1604	51,00 EUR
B104.50.25.200.4.1	GEM90AP164-D50-25-200	50	25	200	45	16	4	APKT 1604	54,00 EUR
B104.50.32.200.4.1	GEM90AP164-D50-32-200	50	32	200	45	16	4	APKT 1604	54,00 EUR

Spare parts, parts included in delivery

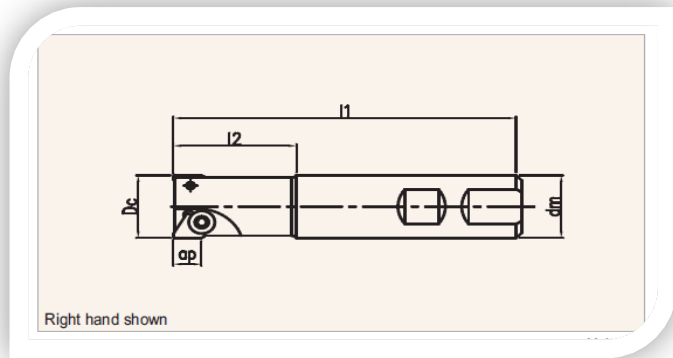
For insert	Insert screw	Wrench					
APKT 1604	A101.106 (M3.5)	A107.102 (T15)					

Please check availability in current price and stock list

90° End milling cutters



Entering angle 90°



Unit mm

Order code	Part code	Dimensions							PRICE
		Dc	dm	l1	l2	ap	z	Master insert	
B105.22.20.100.2.1	EM90TP112-D22-20-100	22	20	100	45	11	2	TPKN 1103	27,00 EUR
B105.25.25.100.2.1	EM90TP112-D25-25-100	25	25	100	45	11	2	TPKN 1103	29,00 EUR
B105.28.25.100.2.1	EM90TP112-D28-25-100	28	25	100	45	11	2	TPKN 1103	32,00 EUR
B105.30.25.100.3.1	EM90TP113-D30-25-100	30	25	100	45	11	3	TPKN 1103	33,00 EUR
B105.32.25.100.3.1	EM90TP113-D32-25-100	32	25	100	45	11	3	TPKN 1103	35,00 EUR
B105.35.25.100.3.1	EM90TP113-D35-25-100	35	25	100	45	11	3	TPKN 1103	38,00 EUR
B105.22.20.120.2.1	EM90TP112-D22-20-120	22	20	120	45	11	2	TPKN 1103	30,00 EUR
B105.25.25.120.2.1	EM90TP112-D25-25-120	25	25	120	45	11	2	TPKN 1103	32,00 EUR
B105.28.25.120.2.1	EM90TP112-D28-25-120	28	25	120	45	11	2	TPKN 1103	34,00 EUR
B105.30.25.120.3.1	EM90TP113-D30-25-120	30	25	120	45	11	3	TPKN 1103	36,00 EUR
B105.32.25.120.3.1	EM90TP113-D32-25-120	32	25	120	45	11	3	TPKN 1103	38,00 EUR
B105.35.25.120.3.1	EM90TP113-D35-25-120	35	25	120	45	11	3	TPKN 1103	41,00 EUR

Spare parts, parts included in delivery

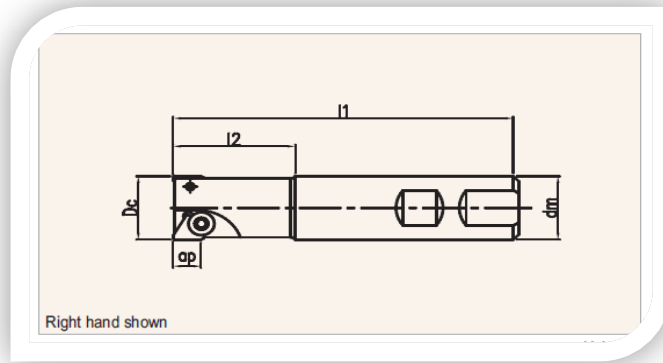
For insert	Insert screw	Wrench					
TPKN 1103	A104.101	A109.105 (3 HK)					
	(M6x0.75x13.5)						

Please check availability in current price and stock list

90° End milling cutters



Entering angle 90°



Unit mm

Order code	Part code	Dimensions							PRICE
		Dc	dm	l1	l2	ap	z	Master insert	
B106.35.25.100.2.1	EM90TP162-D35-25-100	35	25	100	45	16	2	TPKN 1603	38,00 EUR
B106.40.25.100.3.1	EM90TP163-D40-25-100	40	25	100	45	16	3	TPKN 1603	40,00 EUR
B106.45.25.100.3.1	EM90TP163-D45-25-100	45	25	100	45	16	3	TPKN 1603	42,00 EUR
B106.50.32.100.3.1	EM90TP163-D50-32-100	50	32	100	45	16	3	TPKN 1603	44,00 EUR
B106.35.25.120.2.1	EM90TP162-D35-25-120	35	25	120	45	16	2	TPKN 1603	41,00 EUR
B106.40.25.120.3.1	EM90TP163-D40-25-120	40	25	120	45	16	3	TPKN 1603	43,00 EUR
B106.45.25.120.3.1	EM90TP163-D45-25-120	45	25	120	45	16	3	TPKN 1603	45,00 EUR
B106.50.32.120.3.1	EM90TP163-D50-32-120	50	32	120	45	16	3	TPKN 1603	47,00 EUR
B107.50.32.120.3.1	EM90TP223-D50-32-120	50	32	120	45	22	3	TPKN 2204	47,00 EUR

Spare parts, parts included in delivery

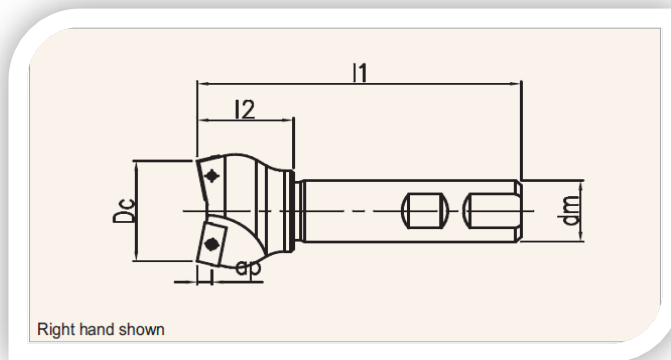
For insert	Insert screw	Wrench			
TPKN 1603	A104.102 (M6x0.75x16)	A109.107 (4 HK)			
TPKN 2204	A104.103 (M8x1x24)	A109.109 (5 HK)			

Please check availability in current price and stock list

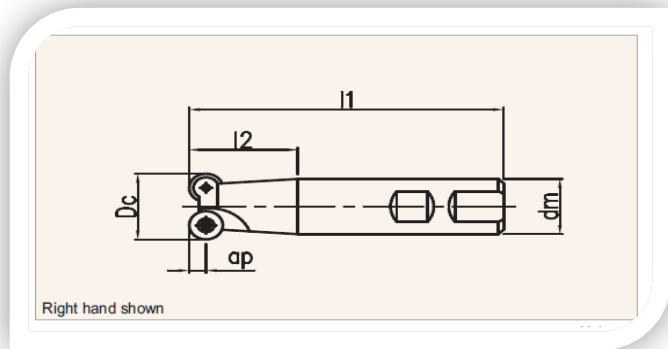
[illegible]

For insert	Insert screw	Wrench					
APKT 1003	A101.103 (M2.5)	A107.101 (T8)					

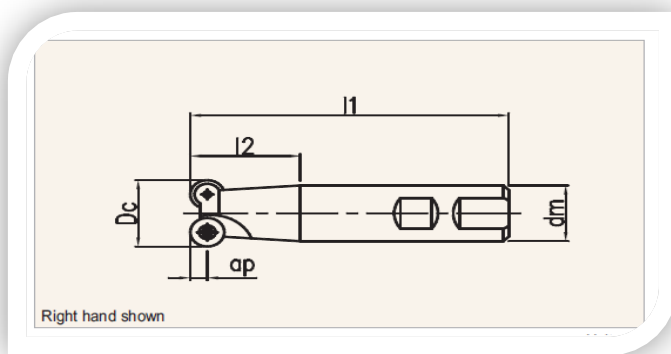
Please check availability in current price and stock list

[illegible]

For insert	Insert screw	Wrench					
APXT 11T3	A101.103 (M2.5)	A107.101 (T8)					

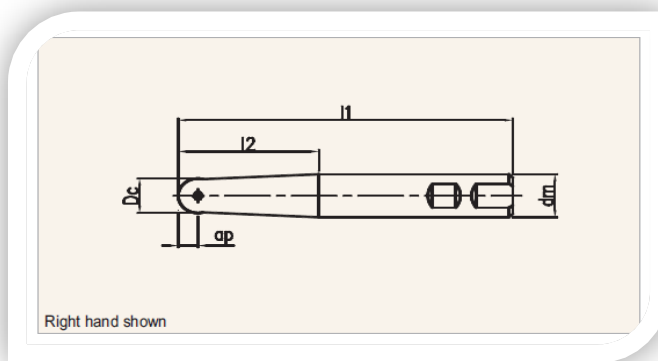
[illegible]

For insert	Insert screw	Wrench					
RCMT 0602	A101.103 (M2.5)	A107.101 (T8)					

[illegible]

For insert	Insert screw	Wrench					
RDMW 12T3	A101.106 (M3.5)	A107.102 (T15)					
RDMW 1204	A101.106 (M3.5)	A107.102 (T15)					

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Unit mm

Spare parts, parts included in delivery

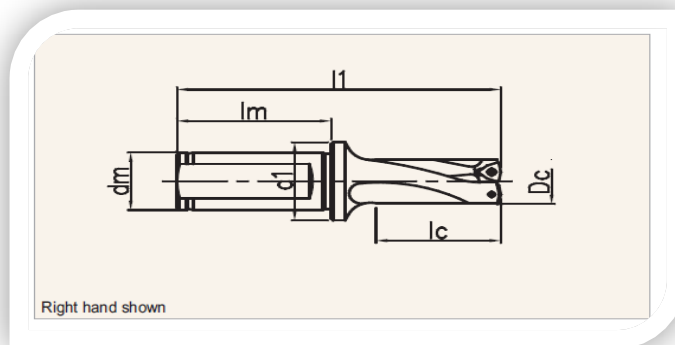
For tool	Insert screw	Wrench	For tool	Insert screw	Wrench		
B112.10....	A101.111 (M4)	A107.102 (T15)	B112.25....	A101.115 (M6)	A107.103 (T20)		
B112.12....	A101.112 (M5)	A107.103 (T20)	B113.08....	A101.110 (M3)	A107.101 (T8)		
B112.16....	A101.113 (M5)	A107.103 (T20)	B113.10....	A101.111 (M4)	A107.102 (T15)		
B112.20....	A101.114 (M5)	A107.103 (T20)	B113.10....	A101.111 (M4)	A107.102 (T15)		

Please check availability in current price and stock list

Indexable insert drills



Drilling depth 2xDc



Unit mm

Order code	Part code	Dimensions						Master insert	PRICE
		Dc	lc	dm	lm	d1	l1		
D102.16.2.25.3	GW2D D16-25 WC 03	16	32	25	55	34	103	WCMX 030208	60,00 EUR
D102.17.2.25.3	GW2D D17-25-WC 03	17	34	25	55	34	105	WCMX 030208	62,00 EUR
D102.18.2.25.3	GW2D D18-25-WC 03	18	36	25	55	34	107	WCMX 030208	64,00 EUR
D102.19.2.25.3	GW2D D19-25 WC 03	19	38	25	55	34	109	WCMX 030208	66,00 EUR
D102.20.2.25.3	GW2D D20-25 WC 04	20	40	25	55	34	111	WCMX 040208	68,00 EUR
D102.21.2.25.3	GW2D D21-25 WC 04	21	42	25	55	34	113	WCMX 040208	70,00 EUR
D102.22.2.25.3	GW2D D22-25 WC 04	22	44	25	55	34	115	WCMX 040208	72,00 EUR
D102.23.2.25.3	GW2D D23-25 WC 04	23	46	25	55	34	117	WCMX 040208	74,00 EUR
D102.24.2.25.3	GW2D D24-25 WC 04	24	48	25	55	34	119	WCMX 040208	76,00 EUR
D102.25.2.25.3	GW2D D25-25 WC 05	25	50	25	55	34	121	WCMX 050308	78,00 EUR
D102.26.2.32.3	GW2D D26-32 WC 05	26	52	32	60	41	130	WCMX 050308	80,00 EUR
D102.27.2.32.3	GW2D D27-32-WC 05	27	54	32	60	41	132	WCMX 050308	82,00 EUR
D102.28.2.32.3	GW2D D28-32-WC 05	28	56	32	60	41	134	WCMX 050308	84,00 EUR
D102.29.2.32.3	GW2D D29-32-WC 05	29	58	32	60	41	136	WCMX 050308	86,00 EUR
D102.30.2.32.3	GW2D D30-32-WC 06	30	60	32	60	41	138	WCMX 06T308	88,00 EUR
D102.31.2.32.3	GW2D D31-32-WC 06	31	62	32	60	44	141	WCMX 06T308	90,00 EUR
D102.32.2.32.3	GW2D D32-32-WC 06	32	64	32	60	44	143	WCMX 06T308	92,00 EUR
D102.33.2.32.3	GW2D D33-32-WC 06	33	66	32	60	44	145	WCMX 06T308	94,00 EUR
D102.34.2.32.3	GW2D D34-32-WC 06	34	68	32	60	44	147	WCMX 06T308	96,00 EUR
D102.35.2.32.3	GW2D D35-32-WC 06	35	70	32	60	44	149	WCMX 06T308	98,00 EUR
D102.36.2.32.3	GW2D D36-32-WC 06	36	72	32	60	49	151	WCMX 06T308	100,00 EUR
D102.37.2.32.3	GW2D D37-32-WC 06	37	74	32	60	49	153	WCMX 06T308	102,00 EUR
D102.38.2.32.3	GW2D D38-32-WC 06	38	76	32	60	49	155	WCMX 06T308	104,00 EUR
D102.39.2.32.3	GW2D D39-32-WC 06	39	78	32	60	49	157	WCMX 06T308	106,00 EUR
D102.40.2.32.3	GW2D D40-32-WC 06	40	80	32	60	49	159	WCMX 06T308	108,00 EUR
D102.41.2.32.3	GW2D D41-32-WC 06	41	82	32	60	49	161	WCMX 06T308	110,00 EUR

Spare parts, parts included in delivery

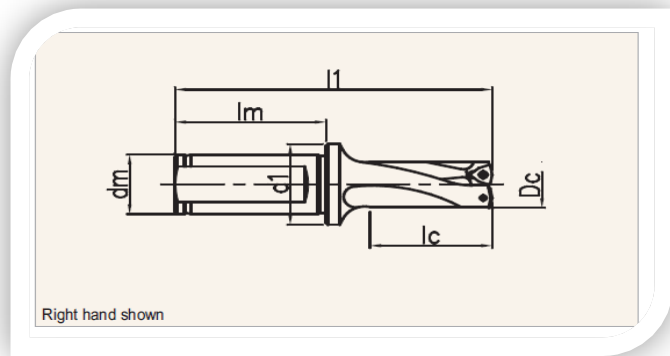
	Insert screw	Wrench				
WCMX 030208	A101.103 (M2.5)	A107.101 (T8)				
WCMX 040208	A101.103 (M2.5)	A107.101 (T8)				
WCMX 050308	A101.104 (M3)	A107.101 (T8)				
WCMX 06T308	A101.106 (M3.5)	A107.102(T15)				

Please check availability in current price and stock list

Indexable insert drills



Drilling depth 3xDc



Unit mm

		Dimensions							
Order code	Part code	Dc	lc	dm	lm	d1	l1	Master insert	PRICE
D102.16.3.25.3	GW3D D16-25 WC 03	16	48	25	55	34	119	WCMX 030208	63,00 EUR
D102.17.3.25.3	GW3D D17-25-WC 03	17	51	25	55	34	122	WCMX 030208	65,00 EUR
D102.18.3.25.3	GW3D D18-25-WC 03	18	54	25	55	34	125	WCMX 030208	67,00 EUR
D102.19.3.25.3	GW3D D19-25 WC 03	19	57	25	55	34	128	WCMX 030208	69,00 EUR
D102.20.3.25.3	GW3D D20-25 WC 04	20	60	25	55	34	131	WCMX 040208	71,00 EUR
D102.21.3.25.3	GW3D D21-25 WC 04	21	63	25	55	34	134	WCMX 040208	73,00 EUR
D102.22.3.25.3	GW3D D22-25 WC 04	22	66	25	55	34	137	WCMX 040208	75,00 EUR
D102.23.3.25.3	GW3D D23-25 WC 04	23	69	25	55	34	140	WCMX 040208	77,00 EUR
D102.24.3.25.3	GW3D D24-25 WC 04	24	72	25	55	34	143	WCMX 040208	79,00 EUR
D102.25.3.25.3	GW3D D25-25 WC 05	25	75	25	55	34	146	WCMX 050308	81,00 EUR
D102.26.3.32.3	GW3D D26-32 WC 05	26	78	32	60	41	156	WCMX 050308	83,00 EUR
D102.27.3.32.3	GW3D D27-32-WC 05	27	81	32	60	41	159	WCMX 050308	85,00 EUR
D102.28.3.32.3	GW3D D28-32-WC 05	28	84	32	60	41	162	WCMX 050308	87,00 EUR
D102.29.3.32.3	GW3D D29-32-WC 05	29	87	32	60	41	165	WCMX 050308	89,00 EUR
D102.30.3.32.3	GW3D D30-32-WC 06	30	90	32	60	41	168	WCMX 06T308	91,00 EUR
D102.31.3.32.3	GW3D D31-32-WC 06	31	93	32	60	44	172	WCMX 06T308	93,00 EUR
D102.32.3.32.3	GW3D D32-32-WC 06	32	96	32	60	44	175	WCMX 06T308	95,00 EUR
D102.33.3.32.3	GW3D D33-32-WC 06	33	99	32	60	44	178	WCMX 06T308	97,00 EUR
D102.34.3.32.3	GW3D D34-32-WC 06	34	102	32	60	44	181	WCMX 06T308	99,00 EUR
D102.35.3.32.3	GW3D D35-32-WC 06	35	105	32	60	44	184	WCMX 06T308	101,00 EUR
D102.36.3.32.3	GW3D D36-32-WC 06	36	108	32	60	49	187	WCMX 06T308	103,00 EUR
D102.37.3.32.3	GW3D D37-32-WC 06	37	111	32	60	49	190	WCMX 06T308	105,00 EUR
D102.38.3.32.3	GW3D D38-32-WC 06	38	114	32	60	49	193	WCMX 06T308	107,00 EUR
D102.39.3.32.3	GW3D D39-32-WC 06	39	117	32	60	49	196	WCMX 06T308	109,00 EUR
D102.40.3.32.3	GW3D D40-32-WC 06	40	120	32	60	49	199	WCMX 06T308	111,00 EUR
D102.41.3.32.3	GW3D D41-32-WC 06	41	123	32	60	49	202	WCMX 06T308	113,00 EUR

Spare parts, parts included in delivery

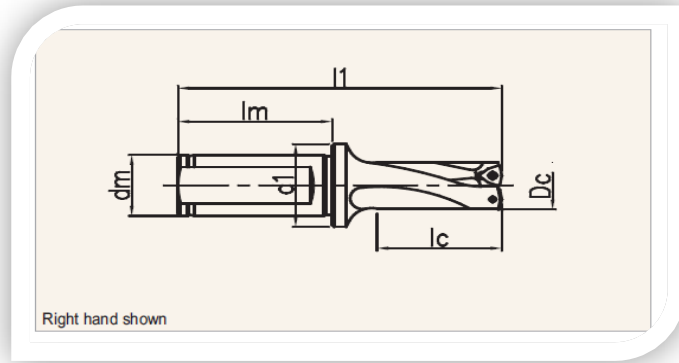
For insert	Insert screw	Wrench					
WCMX 030208	A101.103 (M2.5)	A107.101 (T8)					
WCMX 040208	A101.103 (M2.5)	A107.101 (T8)					
WCMX 050308	A101.104 (M3)	A107.101 (T8)					
WCMX 06T308	A101.106 (M3.5)	A107.102(T15)					

Please check availability in current price and stock list

Indexable insert drills



Drilling depth 4xDc



Unit mm

		Dimensions-Ölçüler							
Order code. Sipariş	Part code. Ürün kodu	Dc	lc	dm	lm	d1	l1	Master insert	PRICE
D102.16.4.25.3	GW4D D16-25-WC 03	16	64	25	55	34	135	WCMX 030208	68,00 EUR
D102.17.4.25.3	GW4D D17-25 WC 03	17	68	25	55	34	139	WCMX 030208	70,00 EUR
D102.18.4.25.3	GW4D D18-25-WC 03	18	72	25	55	34	143	WCMX 030208	72,00 EUR
D102.19.4.25.3	GW4D D19-25 WC 03	19	76	25	55	34	147	WCMX 030208	74,00 EUR
D102.20.4.25.3	GW4D D20-25 WC 04	20	80	25	55	34	151	WCMX 040208	76,00 EUR
D102.21.4.25.3	GW4D D21-25 WC 04	21	84	25	55	34	155	WCMX 040208	78,00 EUR
D102.22.4.25.3	GW4D D22-25 WC 04	22	88	25	55	34	159	WCMX 040208	80,00 EUR
D102.23.4.25.3	GW4D D23-25 WC 04	23	92	25	55	34	163	WCMX 040208	82,00 EUR
D102.24.4.25.3	GW4D D24-25 WC 04	24	96	25	55	34	167	WCMX 040208	84,00 EUR
D102.25.4.25.3	GW4D D25-25 WC 05	25	100	25	55	34	171	WCMX 050308	86,00 EUR
D102.26.4.32.3	GW4D D26-32 WC 05	26	104	32	60	41	182	WCMX 050308	89,00 EUR
D102.27.4.32.3	GW4D D27-32-WC 05	27	108	32	60	41	186	WCMX 050308	92,00 EUR
D102.28.4.32.3	GW4D D28-32-WC 05	28	112	32	60	41	190	WCMX 050308	95,00 EUR
D102.29.4.32.3	GW4D D29-32-WC 05	29	116	32	60	41	194	WCMX 050308	98,00 EUR
D102.30.4.32.3	GW4D D30-32-WC 06	30	120	32	60	41	198	WCMX 06T308	101,00 EUR
D102.31.4.32.3	GW4D D31-32-WC 06	31	124	32	60	44	203	WCMX 06T308	104,00 EUR
D102.32.4.32.3	GW4D D32-32-WC 06	32	128	32	60	44	207	WCMX 06T308	107,00 EUR
D102.33.4.32.3	GW4D D33-32-WC 06	33	132	32	60	44	211	WCMX 06T308	110,00 EUR
D102.34.4.32.3	GW4D D34-32-WC 06	34	136	32	60	44	215	WCMX 06T308	113,00 EUR
D102.35.4.32.3	GW4D D35-32-WC 06	35	140	32	60	44	219	WCMX 06T308	116,00 EUR
D102.36.4.32.3	GW4D D36-32-WC 06	36	144	32	60	49	223	WCMX 06T308	119,00 EUR
D102.37.4.32.3	GW4D D37-32-WC 06	37	148	32	60	49	227	WCMX 06T308	122,00 EUR
D102.38.4.32.3	GW4D D38-32-WC 06	38	152	32	60	49	231	WCMX 06T308	125,00 EUR
D102.39.4.32.3	GW4D D39-32-WC 06	39	156	32	60	49	235	WCMX 06T308	128,00 EUR
D102.40.4.32.3	GW4D D40-32-WC 06	40	160	32	60	49	239	WCMX 06T308	131,00 EUR
D102.41.4.32.3	GW4D D39-32-WC 06	41	164	32	60	49	239	WCMX 06T308	134,00 EUR

Spare parts, parts included in delivery

For insert	Insert screw	Wrench					
WCMX 030208	A101.103 (M2.5)	A107.101 (T8)					
WCMX 040208	A101.103 (M2.5)	A107.101 (T8)					
WCMX 050308	A101.104 (M3)	A107.101 (T8)					
WCMX 06T308	A101.106 (M3.5)	A107.102(T15)					

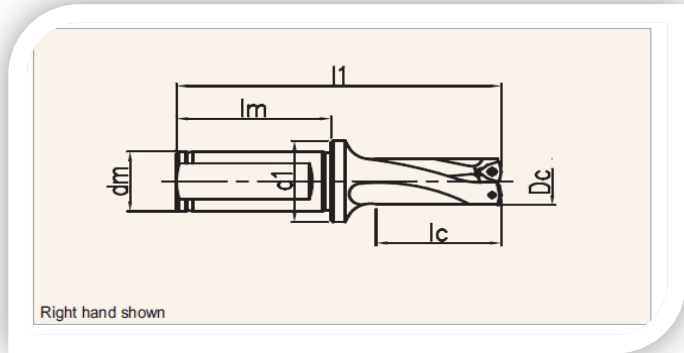
Please check availability in current price and stock list

Indexable insert drills



Drilling depth $2 \times D_c$

Unit mm



Order code	Part code	Dimensions						Master insert	PRICE
		Dc	lc	dm	lm	d1	l1		
D104.13.2.20.3	GW2D D13-20 SP05	13	26	20	50	31	98	SPMG 0502	60,00 EUR
D104.14.2.20.3	GW2D D14-20 SP05	14	28	20	50	31	100	SPMG 0502	62,00 EUR
D104.15.2.20.3	GW2D D15-20 SP05	15	30	20	50	31	102	SPMG 0502	64,00 EUR
D104.16.2.25.3	GW2D D16-25 SP05	16	32	25	55	34	104	SPMG 0502	66,00 EUR
D104.17.2.25.3	GW2D D17-25-SP06	17	34	25	55	34	106	SPMG 0602	68,00 EUR
D104.18.2.25.3	GW2D D18-25-SP06	18	36	25	55	34	108	SPMG 0602	70,00 EUR
D104.19.2.25.3	GW2D D19-25 SP06	19	38	25	55	34	110	SPMG 0602	72,00 EUR
D104.20.2.25.3	GW2D D20-25 SP06	20	40	25	55	34	112	SPMG 0602	74,00 EUR
D104.21.2.25.3	GW2D D21-25 SP06	21	42	25	55	34	114	SPMG 0602	76,00 EUR
D104.22.2.25.3	GW2D D22-25 SP07	22	44	25	55	34	116	SPMG 07T3	78,00 EUR
D104.23.2.25.3	GW2D D23-25 SP07	23	46	25	55	41	118	SPMG 07T3	80,00 EUR
D104.24.2.25.3	GW2D D24-25 SP07	24	48	25	55	41	120	SPMG 07T3	82,00 EUR
D104.25.2.25.3	GW2D D25-25 SP07	25	50	25	55	41	122	SPMG 07T3	84,00 EUR
D104.26.2.32.3	GW2D D26-32 SP07	26	52	32	60	41	124	SPMG 07T3	86,00 EUR
D104.27.2.32.3	GW2D D27-32-SP07	27	54	32	60	41	126	SPMG 07T3	88,00 EUR
D104.28.2.32.3	GW2D D28-32-SP09	28	56	32	60	44	128	SPMG 0904	90,00 EUR
D104.29.2.32.3	GW2D D29-32-SP09	29	58	32	60	44	130	SPMG 0904	92,00 EUR
D104.30.2.32.3	GW2D D30-32-SP09	30	60	32	60	44	132	SPMG 0904	94,00 EUR
D104.31.2.32.3	GW2D D31-32-SP09	31	62	32	60	44	134	SPMG 0904	96,00 EUR
D104.32.2.32.3	GW2D D32-32-SP09	32	64	32	60	44	136	SPMG 0904	98,00 EUR
D104.33.2.32.3	GW2D D33-32-SP09	33	66	32	60	49	138	SPMG 0904	100,00 EUR
D104.34.2.32.3	GW2D D34-32-SP11	34	68	32	60	49	140	SPMG 1104	102,00 EUR
D106.35.2.32.3	GW2D D35-32-SP11	35	70	32	60	49	142	SPMG 1104	104,00 EUR
D104.36.2.32.3	GW2D D36-32-SP11	36	72	32	60	44	144	SPMG 1104	106,00 EUR
D104.37.2.32.3	GW2D D37-32-SP11	37	74	32	60	49	146	SPMG 1104	108,00 EUR
D104.38.2.32.3	GW2D D38-32-SP11	38	76	32	60	49	148	SPMG 1104	110,00 EUR
D104.39.2.32.3	GW2D D39-32-SP11	39	78	32	60	49	150	SPMG 1104	112,00 EUR
D104.40.2.32.3	GW2D D40-32-SP11	40	80	32	60	49	152	SPMG 1104	114,00 EUR
D104.41.2.32.3	GW2D D41-32-SP11	41	82	32	60	49	154	SPMG 1104	116,00 EUR

Spare parts, parts included in delivery

For insert	Insert screw	Wrench				
SPMG 0502	A101.101 (M2.2)	A106.101 (T6)				
SPMG 0602	A101.101 (M2.2)	A106.101 (T6)				
SPMG 07T3	A101.103 (M2.5)	A107.101 (T8)				
SPMG 0904	A101.106 (M3.5)	A107.102(T15)				
SPMG 1104	A101.106 (M3.5)	A107.102(T15)				

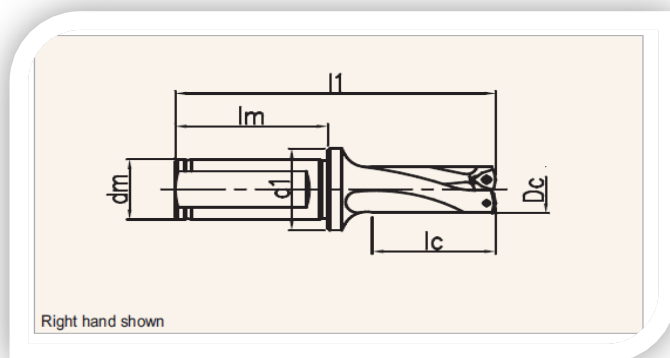
Please check availability in current price and stock list

Indexable insert drills



Drilling depth $3 \times D_c$

Unit mm



		Dimensions							
Order code	Part code	D _c	l _c	d _m	l _m	d ₁	l ₁	Master insert	PRICE
D105.13.3.20.3	GW3D D13-20 SP05	13	39	20	50	31	111	SPMG 0502	68,00 EUR
D105.14.3.20.3	GW3D D14-20 SP05	14	42	20	50	31	113	SPMG 0502	70,00 EUR
D105.15.3.20.3	GW3D D15-20 SP05	15	45	20	50	31	116	SPMG 0502	72,00 EUR
D105.16.3.25.3	GW3D D16-25 SP05	16	48	25	55	34	119	SPMG 0502	74,00 EUR
D105.17.3.25.3	GW3D D17-25-SP06	17	51	25	55	34	131	SPMG 0602	76,00 EUR
D105.18.3.25.3	GW3D D18-25-SP06	18	54	25	55	34	134	SPMG 0602	78,00 EUR
D105.19.3.25.3	GW3D D19-25 SP06	19	57	25	55	34	137	SPMG 0602	80,00 EUR
D105.20.3.25.3	GW3D D20-25 SP06	20	60	25	55	34	140	SPMG 0602	82,00 EUR
D105.21.3.25.3	GW3D D21-25 SP06	21	63	25	55	34	143	SPMG 0602	84,00 EUR
D105.22.3.25.3	GW3D D22-25 SP07	22	66	25	55	34	146	SPMG 07T3	86,00 EUR
D105.23.3.25.3	GW3D D23-25 SP07	23	69	25	55	41	156	SPMG 07T3	89,00 EUR
D105.24.3.25.3	GW3D D24-25 SP07	24	72	25	55	41	159	SPMG 07T3	92,00 EUR
D105.25.3.25.3	GW3D D25-25 SP07	25	75	25	55	41	162	SPMG 07T3	95,00 EUR
D105.26.3.32.3	GW3D D26-32 SP07	26	78	32	60	41	165	SPMG 07T3	98,00 EUR
D105.27.3.32.3	GW3D D27-32-SP07	27	81	32	60	41	168	SPMG 07T3	100,00 EUR
D105.28.3.32.3	GW3D D28-32-SP09	28	84	32	60	44	172	SPMG 0904	102,00 EUR
D105.29.3.32.3	GW3D D29-32-SP09	29	87	32	60	44	175	SPMG 0904	104,00 EUR
D105.30.3.32.3	GW3D D30-32-SP09	30	90	32	60	44	178	SPMG 0904	106,00 EUR
D105.31.3.32.3	GW3D D31-32-SP09	31	93	32	60	44	181	SPMG 0904	108,00 EUR
D105.32.3.32.3	GW3D D32-32-SP09	32	96	32	60	44	184	SPMG 0904	110,00 EUR
D105.33.3.32.3	GW3D D33-32-SP09	33	99	32	60	49	187	SPMG 0904	112,00 EUR
D105.34.3.32.3	GW3D D34-32-SP11	34	102	32	60	49	190	SPMG 1104	114,00 EUR
D106.35.3.32.3	GW3D D35-32-SP11	35	105	32	60	49	193	SPMG 1104	116,00 EUR
D105.36.3.32.3	GW3D D36-32-SP11	36	108	32	60	44	184	SPMG 1104	118,00 EUR
D105.37.3.32.3	GW3D D37-32-SP11	37	111	32	60	49	187	SPMG 1104	120,00 EUR
D105.38.3.32.3	GW3D D38-32-SP11	38	114	32	60	49	190	SPMG 1104	122,00 EUR
D105.39.3.32.3	GW3D D39-32-SP11	39	117	32	60	49	193	SPMG 1104	124,00 EUR
D105.40.3.32.3	GW3D D40-32-SP11	40	120	32	60	49	190	SPMG 1104	126,00 EUR
D105.41.3.32.3	GW3D D41-32-SP11	41	123	32	60	49	193	SPMG 1104	128,00 EUR

Spare parts, parts included in delivery

For insert	Insert screw	Wrench					
SPMG 0502	A101.101 (M2.2)	A106.101 (T6)					
SPMG 0602	A101.101 (M2.2)	A106.101 (T6)					
SPMG 07T3	A101.103 (M2.5)	A107.101 (T8)					
SPMG 0904	A101.106 (M3.5)	A107.102 (T15)					
SPMG 1104	A101.106 (M3.5)	A107.102 (T15)					

Please check availability in current price and stock list