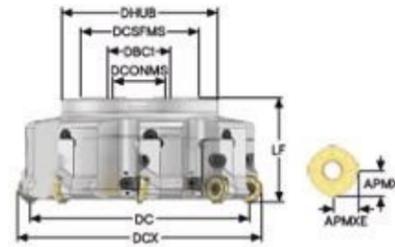


R220.29-10 - Metric



—For insert selection and cutting data recommendations, see page(s) 683-685
 —For complete insert programme, see page(s) 854
 —For ISO attribute explanation, see page 16

Designation	Item number	Type of mounting	DC	DCX	ZEFP	APMXS	DCB	DHUB	DCSFMS	DCONMS	LF	RMPX°	Cmin	Cmax	RPMX	Weight	Insert
			mm	mm		mm	mm	mm	mm	mm	mm		mm	mm		kg	
R220.29I-0153-10-6CA	10254943	Arbor	133,0	153,0	6	10,0	40,0	91,0	90,0	40,0	80,0	1,83	286,0	304,0	4500	6,2	RP.2006
R220.29I-8188-10-8CA	10254944	Arbor	168,0	188,0	8	10,0	40,0	120,0	90,0	40,0	80,0	1,43	356,0	374,0	4000	8,2	RP.2006
R220.29I-8228-10-10CA	10254945	Arbor	208,0	228,0	10	10,0	60,0	164,0	130,0	60,0	80,0	1,15	436,0	454,0	3700	11,5	RP.2006

For Combimaster Shanks, see Machining Navigator Tooling System

Spare Parts, included in delivery

For cutter	Adjustment unit	Arbor screw	Basic body	Cassette	Cassette screw	Insert key	Insert screw	Lid	Lid screw	Setting key	Wedge clamp	Wedge key	Wedge screw
R220.29I-0153	AU1114T-T15P	MC6S20X70	B-R220.21/29I-0153-6CA	RP20ZR-R	FS98030	1/4HEX-T20PX90	C05013-T20P	-	-	1/4HEX-T15PX50	CW0810	1/4HEX-T25PX50	LD8020-T25P
R220.29I-8188	AU1114T-T15P	-	B-R220.21/29I-8188-8CA	RP20ZR-R	FS98030	1/4HEX-T20PX90	C05013-T20P	SC-160-90	MF6S4X10	1/4HEX-T15PX50	CW0810	1/4HEX-T25PX50	LD8020-T25P
R220.29I-8228	AU1114T-T15P	-	B-R220.21/29I-8228-10CA	RP20ZR-R	FS98030	1/4HEX-T20PX90	C05013-T20P	SC-200-90	MF6S4X10	1/4HEX-T15PX50	CW0810	1/4HEX-T25PX50	LD8020-T25P

Accessories

For cutter	Adjustable Torque key	Arbor screw	Insert clamping torque	Key	Stop screw	Torque key
R220.29I-0153	1/4HEX-T-HANDLE-5.0-14.0NM	-	5.0NM	1/4HEX-T05PX50	SX2035-T05P	T00-20P50
R220.29I-8188	1/4HEX-T-HANDLE-5.0-14.0NM	MC6S12X40	5.0NM	1/4HEX-T05PX50	SX2035-T05P	T00-20P50
R220.29I-8228	1/4HEX-T-HANDLE-5.0-14.0NM	MC6S16X50	5.0NM	1/4HEX-T05PX50	SX2035-T05P	T00-20P50

Torque and fixed keys, see page 905

Square shoulder and slot milling cutters
 Helical milling cutters
 Face milling cutters
 Disc milling cutters
 High feed milling cutters
 Copy milling cutters
 Plunge milling cutters
 Chamfer milling cutters
 Spot facing cutters
 Inserts

R217/220.29-10 – Insert selection – mm/Inch

SMG		a _p	f _z				
			100%	70%	30%	10%	
P1	RPKT2006M0T-8-ME12 MP2501	4,0	0,38	0,38	0,44	0,70	Square shoulder and slot milling cutters
		0.16	0.015	0.015	0.017	0.028	
P2	RPKT2006M0T-8-ME12 MP2501	4,0	0,38	0,38	0,46	0,70	Helical milling cutters
		0.16	0.015	0.015	0.018	0.028	
P3	RPKT2006M0T-8-ME12 MP2501	4,0	0,36	0,36	0,42	0,70	Helical milling cutters
		0.16	0.014	0.014	0.017	0.028	
P4	RPKT2006M0T-8-M15 MP2501	4,0	0,44	0,44	0,50	0,85	Helical milling cutters
		0.16	0.017	0.017	0.020	0.034	
P5	RPKT2006M0T-8-M15 MP2501	4,0	0,44	0,44	0,50	0,80	Helical milling cutters
		0.16	0.017	0.017	0.020	0.032	
P6	RPKT2006M0T-8-M20 MP1501	4,0	0,60	0,60	0,70	1,1	Helical milling cutters
		0.16	0.024	0.024	0.028	0.044	
P7	RPKT2006M0T-8-M20 MP1501	4,0	0,60	0,60	0,70	1,1	Helical milling cutters
		0.16	0.024	0.024	0.028	0.044	
P8	RPKT2006M0T-8-M20 MP2501	4,0	0,60	0,60	0,70	1,1	Face milling cutters
		0.16	0.024	0.024	0.028	0.044	
P11	RPKT2006M0T-8-ME12 MP3501	4,0	0,34	0,34	0,40	0,65	Face milling cutters
		0.16	0.013	0.013	0.016	0.026	
P12	RPKT2006M0T-8-M20 MP1501	3,0	0,46	0,46	0,55	0,85	Face milling cutters
		0.12	0.018	0.018	0.022	0.034	
M1	RPHT2006M0T-8-M13 MS2050	4,0	0,42	0,42	0,48	0,80	Disc milling cutters
		0.16	0.017	0.017	0.019	0.032	
M2	RPHT2006M0T-8-M13 MS2050	4,0	0,38	0,38	0,44	0,70	Disc milling cutters
		0.16	0.015	0.015	0.017	0.028	
M3	RPHT2006M0T-8-M13 MS2050	3,0	0,34	0,34	0,40	0,65	Disc milling cutters
		0.12	0.013	0.013	0.016	0.026	
M4	RPKT2006M0T-8-ME12 MP3501	2,5	0,30	0,30	0,36	0,55	Disc milling cutters
		0.10	0.012	0.012	0.014	0.022	
M5	RPKT2006M0T-8-ME12 MP3501	2,5	0,30	0,30	0,36	0,55	Disc milling cutters
		0.10	0.012	0.012	0.014	0.022	
K1	RPKT2006M0T-8-M20 MK2050	4,0	0,65	0,65	0,75	1,2	High feed milling cutters
		0.16	0.026	0.026	0.030	0.048	
K2	RPKT2006M0T-8-M20 MK2050	4,0	0,60	0,60	0,70	1,1	High feed milling cutters
		0.16	0.024	0.024	0.028	0.044	
K3	RPKT2006M0T-8-M20 MK2050	4,0	0,60	0,60	0,70	1,1	High feed milling cutters
		0.16	0.024	0.024	0.028	0.044	
K4	RPKT2006M0T-8-M20 MK2050	4,0	0,60	0,60	0,70	1,1	High feed milling cutters
		0.16	0.024	0.024	0.028	0.044	
K5	RPKT2006M0T-8-M20 MK2050	4,0	0,55	0,55	0,60	1,0	High feed milling cutters
		0.16	0.022	0.022	0.024	0.040	
K6	RPKT2006M0T-8-M20 MK2050	4,0	0,60	0,60	0,70	1,1	High feed milling cutters
		0.16	0.024	0.024	0.028	0.044	
K7	RPKT2006M0T-8-M20 MK2050	4,0	0,55	0,55	0,60	1,0	Copy milling cutters
		0.16	0.022	0.022	0.024	0.040	
S1	RPKT2006M0T-8-ME12 MP3501	2,5	0,30	0,30	0,36	0,55	Copy milling cutters
		0.10	0.012	0.012	0.014	0.022	
S2	RPKT2006M0T-8-ME12 MP3501	2,5	0,30	0,30	0,36	0,55	Copy milling cutters
		0.10	0.012	0.012	0.014	0.022	
S3	RPKT2006M0T-8-ME12 MP3501	2,5	0,28	0,28	0,34	0,50	Copy milling cutters
		0.10	0.011	0.011	0.013	0.020	
S11	RPKT2006M0T-8-ME12 MS2050	3,0	0,32	0,32	0,38	0,60	Plunge milling cutters
		0.12	0.013	0.013	0.015	0.024	
S12	RPKT2006M0T-8-ME12 MS2050	3,0	0,32	0,32	0,38	0,60	Plunge milling cutters
		0.12	0.013	0.013	0.015	0.024	
S13	RPKT2006M0T-8-ME12 MS2050	2,5	0,30	0,30	0,36	0,55	Plunge milling cutters
		0.10	0.012	0.012	0.014	0.022	
H5	RPKW2006M0T-8-MD22 MP1501	3,0	0,50	0,50	0,60	0,90	Plunge milling cutters
		0.12	0.020	0.020	0.024	0.036	
H8	RPKW2006M0T-8-MD22 MP1501	3,0	0,38	0,38	0,44	0,70	Chamfer milling cutters
		0.12	0.015	0.015	0.017	0.028	
H11	RPKW2006M0T-8-MD22 MP1501	3,0	0,50	0,50	0,60	0,90	Chamfer milling cutters
		0.12	0.020	0.020	0.024	0.036	
H12	RPKW2006M0T-8-MD22 MP1501	3,0	0,38	0,38	0,44	0,70	Chamfer milling cutters
		0.12	0.015	0.015	0.017	0.028	

SMG = Seco material group
 f_z = mm/tooth (in/tooth), v_c = m/min (sf/min), a_e/DC = %
 All cutting data are start values

Square shoulder and slot milling cutters
 Helical milling cutters
 Face milling cutters
 Disc milling cutters
 High feed milling cutters
 Copy milling cutters
 Plunge milling cutters
 Chamfer milling cutters
 Spot facing cutters
 Inserts