

1	INCLUDING NONCUTTING WORK MODIFYING MEANS	32	.Composite body of diverse material
2	INCLUDING CHIP BREAKER, GUIDE OR DEFLECTOR DETACHABLE FROM TOOL AND TOOL HOLDER	33	.Including holder (i.e., head) having seat for inserted tool
3	.Adjustable relative to cutting edge	34	..Face or end mill
4	..Including adjusting means	35	...Plural simultaneously usable separable tools in common seat or common clamp actuator for plural simultaneously usable tools
5	.Attached to or integral with tool clamping jaw	36	...Tool adjustable relative to holder
6	.Chip breaker	37Radially
7	FREELY MOVABLE CUTTING EDGE	38And axially
8	YIELDABLE TOOL	39Selectively
9	.Resiliently mounted tool	40	..With separate means to fasten tool to holder
10	..Including yield stress or flexure limit adjusting means	41	...Wedge clamp element
11	WITH MEANS TO APPLY FLUID TO CUTTING TOOL	42	...Specified tool shape
12	ROTARY BROACH	43	..Plural simultaneously usable separable tools in common seat or common clamp actuator for plural simultaneously usable tools
13	RECTILINEAR BROACH	44	..Tool adjustable relative to holder
14	.Hollow tool for surrounding workpiece	45	...Radially
15	.Including holder having seat for inserted tool	46	..With means to fasten tool seat to holder
16	..Annular tool	47	..With separate means to fasten tool to holder
17	..Including single tooth	48	...Apertured tool
18	.Plural tooth groups	49	...Wedge clamp element
19	.Including sequentially acting teeth of stepped cutting width	50Resilient clamp jaw
20	GEAR CUTTING TOOL	51	..Peripherally spaced tools
21	.Face mill gear cutting tool	52	...Sectional support
22	..Adjustable teeth	53	.Face or end mill
23	.Hob	54	..With cutting edge entirely across end of tool (e.g., router bit, end mill, etc.)
24	..Thread cutting	55	.Compound tooth arrangement
25	..Including holder having seat for inserted tool	56	.Having peripherally spaced teeth
26	..For cutting involute gear tooth	57	..Axially tapering tool
27	.Rotary, gear shaving cutting tool	58	..Circumferentially staggered
28	.Gear generating, revolving shaper cutting tool	59	...Plural teeth spaced about a helix
29	.Rotary, tooth form cutting tool	60	..Varying in cutting edge profile
29.1	FILE OR RASP	61	..Specified tooth shape or spacing
29.11	.Flexible blade or carrier therefor	62	...Arcuate cutting edge
29.12	.Tire rasp	63Helical tooth
29.13	.Rotary file or round disc	64	PROFILED CIRCULAR TOOL
29.14	.Composite, diverse sector, or assembled	65	ARC SEGMENT TOOL
29.15	.Handle or holder, per se		
30	ROTARY CUTTING TOOL		
31	.Gang		

66	INCLUDING HOLDER HAVING SEAT FOR INSERTED TOOL	100	.With chip breaker, guide or deflector
67	.Plural spaced seats and common holder	101	.With separate means to fasten tool seat to holder
68	..Relatively adjustable seats	102	.With separate means to fasten tool to holder
69	..Simultaneously usable		
70	.Plural simultaneously usable separable tools in common seat or common clamp actuator for plural simultaneously usable tools	103 104	..Apertured tool ...With means projecting through aperture to force tool laterally against reaction surface
71	..Adjustable tool	105	...Tilting clamp element and separate means to tilt same
72	.With tool ejector		
73	.With separate means to adjust tool to and fro relative to holder	106 107	..Rotatable cam clamp element ..Including tool holding clamp and clamp actuator
74	..With indicator	108	...Wedge clamp element
75	..Plural provisions for adjustment	109 110	...Resiliently biased clamp jaw ...Integral with holder
76	..By moving tool seat	111	...Pivoted jaw
77	.Tool adjustable relative to holder	112 113	...Slidable jaw INCLUDING TOOL HAVING PLURAL ALTERNATIVELY USABLE CUTTING EDGES
78	..With indicator		
79	..Plural provisions for adjustment	114	.With integral chip breaker, guide or deflector
80	...Plural interfering seats		
81	...Including pivotable seat or tool	115	WITH CHIP BREAKER, GUIDE OR DEFLECTOR
82	...With detent	116	.Comprising concave surface in cutting face of tool
83	...Pivoted seat		
84And pivotable tool	117	INCLUDING CUT OFF TOOL
85	..By adjustable or replaceable stop	118	COMPRISING CUTTING EDGE BONDED TO TOOL SHANK
86	...Adjustable	119	COMPRISING TOOL OF SPECIFIC CHEMICAL COMPOSITION
87	...Screw		
88	..By movement of seat relative to holder	120	MISCELLANEOUS
89	...Pivoted seat		
90	..Pivoted tool		
91	..Resiliently biased tool clamping jaw		<u>FOREIGN ART COLLECTIONS</u>
92	..Rectilinearly	FOR	CLASS-RELATED FOREIGN DOCUMENTS
93	...Including rotatable cam clamp element		
94	...Including wedge clamp element		
95	...And guide or detent		
96	...Including detent		
97	..Tool gripped directly by set screw		
98	...Slidable jaw		
99	.Holder adapted for tools of different shape		