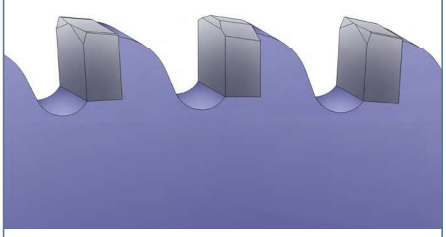
QTS-EP(standards)

FERROUS METAL CUTTING

Diameter mm	Thickness	Bore/Pin hole		Pitch/Number of teeth						Maximum cutting capacity	
				50	60	70	80	90	100	●	■
315	4.5	40	4×11×63	20	16	14	12	11	10	100	95
350	4.5	50	4×15×80	22	18	16	14	12	11	105	100
400	5	50	4×15×80 - 4×14×85	25	21	18	16	14	13	125	115
425	5	50	4×15×80 - 4×14×85	27	22	19	17	15	13	135	120
450	5	50	4×18×100	28	24	20	18	16	14	140	125
500	5	50	4×18×100	31	26	22	20	17	16	165	150
570	5	50	4×18×100	36	30	26	22	20	18	170	155
610	6.5	80	4×22×120	38	32	27	24	21	19	190	175
630	6.5	80	4×22×120 - 4×27×160	40	33	28	25	22	20	200	185
660	6.5	80	4×22×120	41	35	30	26	23	21	215	200
710	6.5	80	4×22×120 - 4×27×160	45	37	32	28	25	22	240	220
760	6.5	80	4×22×120 - 4×27×160	48	40	34	30	27	24	245	220
810	6.5	80	4×22×120 - 4×27×160	51	42	36	32	28	25	270	240
860	5	55	4×21×400	54	45	39	34	30	27	280	250
910	8	80	4×27×160 - 8×30×200	57	48	41	36	32	29	295	270
1010	8	100	4×27×160 - 8×30×200	63	53	45	40	35	32	360	325
1120	9	100	4×30×200	70	59	50	44	39	35	375	345
1250	9	100	4×30×250	79	65	56	49	44	39	440	400
1320	9	100	4×30×250	83	69	59	52	46	41	450	410
1430	10	100	4×30×250	90	75	64	56	50	45	500	450
1530	11	100	4×30×250	96	80	69	60	53	48	540	480
1600	12.5	100	8×42×420	100	84	72	63	56	50	560	495
1650	12.5	100	8×42×420	104	86	74	65	58	52	575	510
1850	12.5	100	8×42×420	116	97	83	73	65	58	620	530
2060	12.5	100	8×42×420	129	108	92	81	72	65	720	650

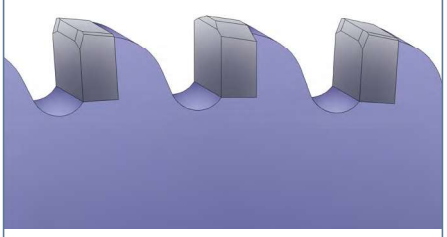
TOOTH FORMS FOR FERROUS METAL

FH1 TYPE



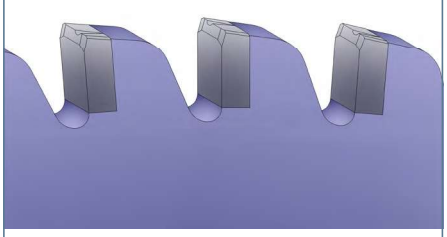
Solid sections or profile with thick walls

FH2 TYPE



Solid sections or very thick wall profiles (Increasing tool life)

FCB TYPE



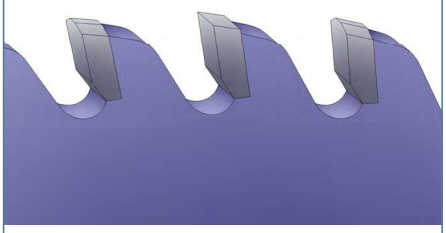
Cutting off profiles or thin wall tubing

NON-FERROUS METAL CUTTING

Diameter mm	Thickness		Bore/Pin hole		Pitch/Number of teeth								Maximum cutting capacity	
	E-Type	S-Type			50	60	70	80	90	100	110	120	●	■
250		2.5	5.4		16	13	11	10	9	8	7		85	75
275		2.5	25.4		17	14	12	11	10	9	8	7	90	80
300	2.5	3.0	25.4		19	16	13	12	10	9	8	8	95	85
315	2.5	3.0	25.4		20	16	14	12	11	10	9	8	100	95
350	2.8	3.5	25.4		22	18	16	14	12	11	10	9	105	100
400	3.0	3.5	25.4		25	21	18	16	14	13	11	10	125	115
420	3.0	3.5	32		26	22	19	16	15	13	12	11	135	120
450	3.5	4.0	40		28	24	20	18	16	14	13	12	140	125
500	4.0	4.5	40		31	26	22	20	17	16	14	13	165	150
570	4.5	5.0	50	4×18×100	36	30	26	22	20	18	16	15	170	155
610	4.5	5.0	80	4×22×120	38	32	27	24	21	19	17	16	190	175
630	4	6.0	80	4×22×120	40	33	28	25	22	20	18	16	200	185
660	5.5	6.5	80	4×12×120	41	35	30	26	23	21	19	17	215	200
710	5.5	6.5	80	4×22×120	45	37	32	28	25	22	20	19	240	220
760	6.0	6.5	80	4×22×120	48	40	34	30	27	24	22	20	245	220
810	6.0	6.5	80	4×22×120	51	42	36	32	28	25	23	21	270	240
910	6.0	8.0	80	4×22×120	57	48	41	36	32	29	26	24	290	260
1010	6.0	8.0	100	4×27×160	63	53	45	40	35	32	29	26	360	325
1120	7.5	9.0	100	4×30×200	70	59	50	44	39	35	32	29	375	346
1250	7.5	9.0	100	4×30×250	79	65	56	49	44	39	36	33	440	400
1320	7.5	9.0	100	4×30×250	83	69	59	52	46	41	38	35	450	410
1430	7.5	10	100	4×30×250	90	75	64	56	50	45	41	37	500	450
1530	8.5	11	100	4×30×250	96	80	69	60	53	48	44	40	540	480
1600	8.5	12.5	100	4×30×250	100	84	72	63	56	50	46	42	560	495
1650	10.0	12.5	100	4×30×250	104	86	74	65	58	52	47	43	575	510
1750	10.0	12.5	100	4×30×250	110	92	79	69	61	55	50	46	610	540
1850	10.0	12.5	100	4×30×250	116	97	83	73	65	58	53	48	620	530
2060	10.0	12.5	100	4×30×250	129	108	92	81	72	65	59	54	720	650

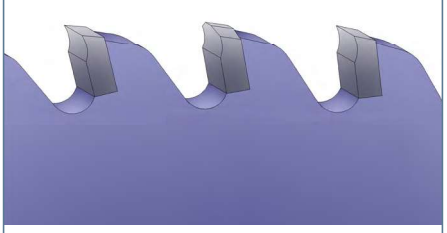
TOOTH FORMS FOR NON-FERROUS METAL

NH1 TYPE



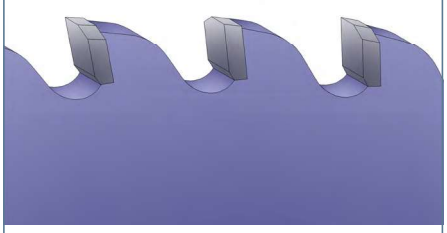
Solid sections or profiles with thick walls

NRD TYPE



Cutting off billet

NS1 TYPE



Cutting off profiles with thin walls