

DIN 5481 SERRATION - 60° INCLUDED

Nom. Dia.	D1			D2 Calc.	D3			D4 Calc.	D5	R1 =	R2 =	T Calc. for D5	Inc Angle γ	Z No. of Teeth
	Nom. Dim.	Max.	Min.		Nom. Dim.	Max.	Min.							
8X7	6.9	7.27	7.18	8.21	8.1	7.82	7.73	6.91	7.5	0.08	0.08	0.842	47°8'35"	28
10X8	8.1	8.47	8.38	9.9	10.1	9.81	9.70	8.26	9	0.08	0.08	1.010	47°8'35"	28
12X10	10.1	10.5	10.39	12	12	11.71	11.60	10.2	11	0.1	0.1	1.152	48°	30
14X12	12	12.4	12.29	14.18	14.2	13.91	13.80	12.06	13	0.1	0.1	1.317	48°23'14"	31
17X15	14.9	15.3	15.19	17.28	17.2	16.91	16.80	14.91	16	0.15	0.15	1.571	48°45'	32
20X17	17.3	17.7	17.59	20	20	19.7	19.57	17.37	18.5	0.15	0.2	1.761	49°5'27"	33
24X21	20.8	21.23	21.1	23.76	23.9	23.6	23.47	20.76	22	0.15	0.25	2.033	49°24'42"	34
30X26	26.5	26.93	26.8	30.06	30	29.7	29.57	26.40	28	0.25	0.3	2.513	49°42'52"	35
34X30	30.5	30.97	30.81	34.17	34	33.69	33.53	30.38	32	0.3	0.4	2.792	50°	36
40X36	36	36.47	36.31	40.16	39.9	39.59	39.43	35.95	38	0.5	0.4	3.226	50°16'13"	37
45X40	40	40.47	40.31	44.42	44	43.68	43.52	39.72	42	0.5	0.4	3.472	50°31'35"	38
50X45	45	45.48	45.32	50.2	50	49.68	49.52	44.97	47.5	0.5	0.4	3.472	50°46'9"	39
55X50	50	50.48	50.32	55.25	54.9	54.56	54.37	49.72	52.5	0.6	0.4	4.123	51°	40
60X55	55	55.53	55.34	60.39	60	59.66	59.47	54.76	57.5	0.6	0.5	4.301	51°25'43"	42

NOTE: all dimensions in mm

Serrations with 60° internal from angle nominal diameter 7 x 8 to 55 x 60.

