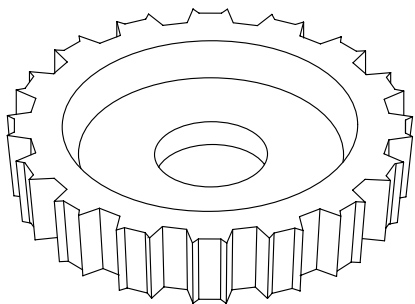


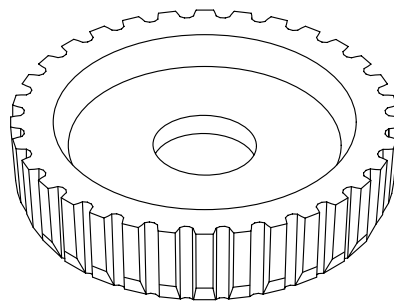
PARALLEL SPLINE EXTERNAL SHAPER CUTTERS



S6 SERIES

6 SPLINE PARALLEL SIDES

1-1/4" Bore, Lugs, Chamfering,
Disc Type, Finishing



S10 SERIES

10 SPLINE PARALLEL SIDES

1-1/4" Bore, Chamfering,
Disc Type, Finishing

FOR STANDARD A, B, C FITS							Series
Major Diam.	Fit	Minor Diam.	Key Width	Pitch Diam.	No. Teeth		
.500	A	.450	.125	3	36	S6-050A	
.500	B	.423	.121	3	36	S6-050B	
.500	C	.397	.121	3	36	S6-050C	
.625	A	.563	.156	3	28	S6-062A	
.625	B	.529	.152	3	28	S6-062B	
.625	C	.497	.152	3	28	S6-062C	
.750	A	.675	.188	3	24	S6-075A	
.750	B	.635	.185	3	24	S6-075B	
.750	C	.597	.185	3	24	S6-075C	
.875	A	.788	.219	3	20	S6-087A	
.875	B	.741	.215	3	20	S6-087B	
.875	C	.696	.215	3	20	S6-087C	
1.000	A	.900	.250	3	18	S6-100A	
1.000	B	.847	.246	3	18	S6-100B	
1.000	C	.796	.246	3	18	S6-100C	
1.125	A	1.0135	.281	4	21	S6-112A	
1.125	B	.953	.277	4	21	S6-112B	
1.125	C	.894	.277	4	21	S6-112C	
1.250	A	1.126	.313	4	19	S6-125A	
1.250	B	1.060	.309	4	19	S6-125B	
1.250	C	.996	.309	4	19	S6-125C	
1.375	A	1.239	.345	4	17	S6-137A	
1.375	B	1.165	.340	4	17	S6-137B	
1.375	C	1.096	.340	4	17	S6-137C	
1.500	A	1.350	.375	4	16	S6-150A	
1.500	B	1.271	.371	4	16	S6-150B	
1.500	C	1.196	.371	4	16	S6-150C	
1.625	A	1.4645	.406	4	15	S6-162A	
1.625	B	1.378	.402	4	15	S6-162B	
1.625	C	1.296	.402	4	15	S6-162C	
1.750	A	1.577	.438	4	14	S6-175A	
1.750	B	1.485	.434	4	14	S6-175B	
1.750	C	1.396	.434	4	14	S6-175C	
2.000	A	1.802	.500	4	12	S6-200A	
2.000	B	1.696	.495	4	12	S6-200B	
2.000	C	1.595	.495	4	12	S6-200C	

FOR STANDARD A, B, C FITS								Series
Major Diam.	Fit	Minor Diam.	Straight Line Dia.	Key Width	Pitch Diam.	No. Teeth		
.500	A	.454	(.453)	.078	3	60	S10-050A	
.500	B	.403	(.403)	.075	3	60	S10-050B	
.500	C	.368	(.405)	.075	3	60	S10-050C	
.625	A	.567	(.566)	.0978	3	48	S10-062A	
.625	B	.502	(.537)	.0945	3	48	S10-062B	
.625	C	.459	(.506)	.0945	3	48	S10-062C	
.750	A	.682	(.681)	.117	3	40	S10-075A	
.750	B	.601	(.644)	.114	3	40	S10-075B	
.750	C	.550	(.607)	.114	3	40	S10-075C	
.875	A	.796	(.795)	.137	3	34	S10-087A	
.875	B	.706	(.753)	.134	3	34	S10-087B	
.875	C	.642	(.709)	.134	3	34	S10-087C	
1.000	A	.910	(.909)	.156	3	30	S10-100A	
1.000	B	.806	(.859)	.153	3	30	S10-100B	
1.000	C	.734	(.809)	.153	3	30	S10-100C	
1.125	A	1.025	(1.023)	.176	4	35	S10-112A	
1.125	B	.904	(.967)	.173	4	35	S10-112B	
1.125	C	.824	(.911)	.173	4	35	S10-112C	
1.250	A	1.139	(1.137)	.195	4	32	S10-125A	
1.250	B	1.002	(1.074)	.192	4	32	S10-125B	
1.250	C	.916	(1.012)	.192	4	32	S10-125C	
1.375	A	1.252	(1.250)	.215	4	28	S10-137A	
1.375	B	1.107	(1.182)	.212	4	28	S10-137B	
1.375	C	1.008	(1.113)	.212	4	28	S10-137C	
1.500	A	1.366	(1.364)	.2345	4	26	S10-150A	
1.500	B	1.200	(1.289)	.2305	4	26	S10-150B	
1.500	C	1.100	(1.214)	.2305	4	26	S10-150C	
1.625	A	1.480	(1.478)	.255	4	24	S10-162A	
1.625	B	1.305	(1.397)	.2505	4	24	S10-162B	
1.625	C	1.190	(1.315)	.2505	4	24	S10-162C	
1.750	A	1.594	(1.592)	.2735	4	22	S10-175A	
1.750	B	1.408	(1.504)	.2695	4	22	S10-175B	
1.750	C	1.282	(1.417)	.2695	4	22	S10-175C	
2.000	A	1.821	(1.818)	.3125	4	20	S10-200A	
2.000	B	1.608	(1.718)	.307	4	20	S10-200B	
2.000	C	1.461	(1.618)	.307	4	20	S10-200C	

Shank type cutters for internal cutting available. Page C-19.

* DIN/Metric parallel splines available, please call.

While these shaper cutters will produce standard parallel splines per A, B, or C fit, the actual root dia. will be slightly deeper to allow for the radius produced by the natural generating process of shaper. 2"10 spline shapers are with lugs.