

New Type	Old Type	Dimension (mm)						Reference Dimension (mm)				
		D	H	d	2 α	2 β	2 γ	h	h1	h2	R	e
S11-0080612-0.3	S11-0.3	8	6	0.3	12°	40°	60°	0.3	1.0	1.2	2.0	0.5
S11-0080612-0.4	S11-0.4	8	6	0.4	12°	40°	60°	0.3	1.0	1.2	2.0	0.5
S11-0080616-0.5		8	6	0.5	16°	40°	60°	0.3	1.0	1.5	2.0	0.5
S11-0080612-0.6	S11-0.6	8	6	0.6	12°	40°	60°	0.4	1.0	1.4	2.0	0.5
S11-0080616-0.7		8	6	0.7	16°	40°	60°	0.5	1.0	1.7	2.0	0.5
S11-0080616-0.8	12-0.8	8	6	0.8	16°	40°	60°	0.6	1.0	1.8	2.0	0.5
S11-0080612-0.9		8	6	0.9	12°	40°	60°	0.6	1.0	1.8	2.0	0.5
S11-0080612-1.0	S11-1.0	8	6	1.0	12°	40°	60°	0.6	1.0	1.8	2.0	0.5
S11-0080610-1.1		8	6	1.1	10°	40°	60°	0.5	1.0	2.0	2.0	0.5
S11-0080610-1.2	11-1.2	8	6	1.2	10°	40°	60°	0.6	1.0	2.0	2.0	0.5
S11-0080610-1.4		8	6	1.4	10°	40°	60°	0.6	1.0	2.0	2.0	0.5
S11-0080610-1.6		8	6	1.6	10°	40°	60°	0.6	1.0	2.0	2.0	0.5
S11-0110816-0.7D		11	8	0.7	16°	40°	60°	0.6	1.2	2.0	4.0	1.0
S11-0110816-0.85D		11	8	0.85	16°	40°	60°	0.6	1.2	2.0	4.0	1.0
S11-0110816-0.9D		11	8	0.9	16°	40°	60°	0.6	1.2	2.0	4.0	1.0
S11-0110816-1.1D		11	8	1.1	16	40°	60°	0.8	1.2	1.2	4.0	1.0
S11-0110816-0.4D		11.5	8	0.4	16	40°	65°	0.4	1.2	2.0	4.0	1.0
S11-0110816-0.6D		11.5	8	0.6	16	40°	65°	0.4	1.2	2.0	4.0	1.0
S11-0110816-0.8D		11.5	8	0.8	16	40°	65°	0.6	1.2	2.0	4.0	1.0
S11-0110816-1.0D		11.5	8	1.0	16	40°	65°	0.8	1.2	2.0	4.0	1.0
S11-0110816-1.3D		11.5	8	1.3	16	40°	65°	0.8	1.2	2.0	4.0	1.0
S11-0110816-1.6D		11.5	8	1.6	16	40°	65°	1.0	1.2	2.0	4.0	1.0
S11-0110816-1.8D		11.5	8	1.8	16	40°	65°	1.2	1.2	2.0	4.0	1.0
S11-0110816-2.0D		11.5	8	2.0	16	40°	65°	1.2	1.2	2.0	4.0	1.0
S11-0121014-0.4	LS11-0.4-12H	12	10	0.4	14°	40°	90°	0.4	1.2	2.0	6.8	1.0
S11-0121014-0.6	LS11-0.6-12H	12	10	0.6	14°	40°	90°	0.6	1.2	2.0	6.5	1.0
S11-0121016-0.35 α	LS11-0.35 α	12	10	0.35	16	40°	60°	2.3	1.2	2.0	4.0	1.0
S11-0121016-0.4 α	LS11-0.4 α	12	10	0.4	16	40°	60°	2.3	1.2	2.0	4.0	1.0
S11-0121016-0.5 α	LS11-0.5 α	12	10	0.5	16	40°	60°	2.3	1.2	2.0	4.0	1.0
S11-0121016-0.6 α	LS11-0.6 α	12	10	0.6	16	40°	60°	2.4	1.2	2.0	4.0	1.0
S11-0120914-0.4 α	LH11-0.4-12 α	12	9	0.4	10°	40°	60°	0.6	1.2	2.0	4.0	1.0
S11-0120914-0.6 α	LH11-0.6-12 α	12	9	0.6	10°	40°	60°	0.6	1.2	2.0	4.0	1.0
S11-0121014-0.8	LS11-0.8-12H	12	10	0.8	14°	40°	90°	0.8	1.2	2.0	6.3	1.0
S11-0121014-1.0	LS11-1.0-12H	12	10	1.0	14°	40°	90°	0.8	1.2	2.0	6.1	1.0
S11-0121016-1.2	LS11-1.2-12H	12	10	1.2	16°	40°	90°	1.0	1.2	2.0	5.6	1.0
S11-0121016-1.4	LS11-1.4-12H	12	10	1.4	16°	40°	90°	1.0	1.2	2.0	5.4	1.0
S11-0121016-1.6	LS11-1.6-12H	12	10	1.6	16°	40°	90°	1.2	1.2	2.0	5.2	1.0
S11-0121016-1.8	LS11-1.8-12H	12	10	1.8	16°	40°	90°	1.2	1.2	2.0	5.1	1.0
S11-0121016-2.0	LS11-2.0-12H	12	10	2.0	16°	40°	90°	1.2	1.2	2.0	5.0	1.0
S11-0121016-2.3	LS11-2.3-12H	12	10	2.3	16°	40°	90°	1.2	1.2	2.0	4.8	1.0
S11-0131014-0.4	LS11-0.4-13F	13	10	0.4	14°	40°	60°	0.3	1.2	2.0	3.0	1.0

S11-0131012-0.4	LS11-0.4-13E	13	10	0.4	12°	42°	60°	0.3	1.2	2.0	3.0	1.0
S11-0131018-0.4	LS11-0.4-13	13	10	0.4	18°	40°	60°	0.3	1.2	2.0	3.0	1.0
S11-0131014-0.5		13	10	0.5	14°	40°	60°	0.4	1.2	2.0	4.0	1.0
S11-0131014-0.6	LS11-0.6-13F	13	10	0.6	14°	40°	60°	0.4	1.2	2.2	3.0	1.0
S11-0131012-0.6	LS11-0.6-13E	13	10	0.6	12°	42°	60°	0.4	1.2	2.2	3.0	1.0
S11-0131018-0.6	LS11-0.6-13	13	10	0.6	18°	40°	60°	0.4	1.2	2.2	3.0	1.0
S11-0131014-0.7	LS11-0.7-13F	13	10	0.7	14°	40°	60°	0.6	1.2	2.5	3.0	1.0
S11-0131012-0.7	LS11-0.7-13E	13	10	0.7	12°	42°	60°	0.6	1.2	2.2	3.0	1.0
S11-0131014-0.8	LS11-0.8-13F	13	10	0.8	14°	40°	60°	0.6	1.2	2.5	3.0	1.0
S11-0131012-0.8	LS11-0.8-13E	13	10	0.8	12°	42°	60°	0.6	1.2	2.5	3.0	1.0
S11-0131018-0.8	LS11-0.8-13	13	10	0.8	18°	40°	60°	0.6	1.2	2.5	3.0	1.0
S11-0151314-0.8	LS11-0.8-15H	15	13	0.8	14°	40°	90°	0.6	1.5	2.0	8.8	1.2
S11-0131012-0.9	LS11-0.9-13E	13	10	0.9	12°	42°	60°	0.7	1.2	2.5	3.0	1.0
S11-0131018-0.9	LS11-0.9-13	13	10	0.9	18°	40°	60°	0.7	1.2	2.5	3.0	1.0
S11-0131014-1.0	LS11-1.0-13F	13	10	1.0	14°	40°	60°	0.7	1.2	3.0	3.0	1.0
S11-0131012-1.0	LS11-1.0-13E	13	10	1.0	12°	42°	60°	0.7	1.2	3.0	3.0	1.0
S11-0131018-1.0	LS11-1.0-13	13	10	1.0	18°	40°	60°	0.7	1.2	3.0	3.0	1.0
S11-0131014-1.1	LS11-1.1-13F	13	10	1.1	14°	40°	60°	1.0	1.2	3.0	3.0	1.0
S11-0131012-1.1	LS11-1.1-13E	13	10	1.1	12°	42°	60°	1.0	1.2	3.0	3.0	1.0
S11-0131018-1.1	LS11-1.1-13	13	10	1.1	18°	40°	60°	1.0	1.2	3.0	3.0	1.0
S11-0131014-1.3	LS11-1.3-13F	13	10	1.3	14°	40°	60°	1.3	1.2	3.0	3.0	1.0
S11-0131018-1.3	LS11-1.3	13	10	1.3	18°	40°	60°	1.0	1.2	3.0	3.0	1.0
S11-0131018-1.5		13	10	1.5	18°	40°	60°	1.1	1.2	3.0	3.0	1.0
S11-0131014-1.6	LS11-1.6-13F	13	10	1.6	14°	40°	60°	1.1	1.2	3.0	3.0	1.0
S11-0131018-1.6	LS11-1.6	13	10	1.6	18°	40°	60°	1.1	1.2	3.0	3.0	1.0
S11-0131018-1.7		13	10	1.7	18°	40°	60°	1.2	1.2	4.0	4.0	1.0
S11-0131016-1.8	S11-1.8	13	10	1.8	16°	40°	60°	1.2	1.2	3.5	4.0	1.0
S11-0131018-1.8	LS11-1.8	13	10	1.8	18°	40°	60°	1.2	1.2	4.0	4.0	1.0
S11-0131018-1.9		13	10	1.9	18°	40°	60°	1.2	1.2	4.0	4.0	1.0
S11-0131016-2.0	LS11-2.0-13F	13	10	2.0	16°	40°	60°	1.2	1.2	4.0	4.0	1.0
S11-0131018-2.0	LS11-2.0	13	10	2.0	18°	40°	60°	1.2	1.2	4.0	4.0	1.0
S11-0131018-2.1		13	10	2.1	18°	40°	60°	1.4	1.2	4.0	4.0	1.0
S11-0131018-2.2		13	10	2.2	18°	40°	60°	1.4	1.2	4.0	4.0	1.0
S11-0131016-2.3	LS11-2.3-13F	13	10	2.3	16°	40°	60°	1.4	1.2	4.0	4.0	1.0
S11-0131016-2.4		13	10	2.4	16°	40°	60°	1.2	1.2	3.5	4.0	1.0
S11-0131016-2.5		13	10	2.5	16°	40°	60°	1.2	1.2	3.5	4.0	1.0
S11-0131016-2.6	S11-2.6	13	10	2.6	16°	40°	60°	1.2	2.0	3.5	3.0	1.0
S11-0151314-0.4	LS11-0.4-15H	15	13	0.4	14°	40°	90°	0.4	1.5	2.0	9.1	1.2
S11-0151314-0.6	LS11-0.6-15H	15	13	0.6	14°	40°	90°	0.6	1.5	2.0	9.0	1.2
S11-0151314-1.0	LS11-1.0-15H	15	13	1.0	14°	40°	90°	0.8	1.5	2.0	8.6	1.2
S11-0151316-1.3	LS11-1.3-15H	15	13	1.3	16°	40°	90°	1.0	1.5	2.0	8.2	1.2
S11-0151316-1.6	LS11-1.6-15H	15	13	1.3	16°	40°	90°	1.3	1.5	2.0	8.0	1.2
S11-0151316-1.8	LS11-1.8-15H	15	13	1.8	16°	40°	90°	1.3	1.5	2.0	7.8	1.2

S11-0151316-2.0	LS11-2.0-15H	15	13	2.0	16°	40°	90°	1.3	1.5	2.0	7.6	1.2
S11-0151316-2.3	LS11-2.3-15H	15	13	2.3	16°	40°	90°	1.3	1.5	2.0	7.4	1.2
S11-0151220-2.4DH		15.5	12.8	2.4	20	40°	75°	2.2	1.5	5.0	10.0	1
S11-0151316-2.8	LS11-2.8-15H	15	13	2.8	16°	40°	90°	1.5	1.5	2.0	7.0	1.2
S11-0161316-0.3	S11-0.3-16	16	13	0.3	16°	45°	60°	0.2	1.5	4.0	5.0	1.0
S11-0161316-0.4	S11-0.4-16	16	13	0.4	16°	45°	60°	0.2	1.5	4.0	5.0	1.0
S11-0161316-0.5		16	13	0.5	16°	45°	60°	0.3	1.5	4.0	5.0	1.0
S11-0161316-0.6	S11-0.6-16	16	13	0.6	16°	45°	60°	0.3	1.5	4.0	5.0	1.0
S11-0161316-0.7		16	13	0.7	16°	45°	60°	0.3	1.5	4.0	5.0	1.0
S11-0161316-0.8	S11-0.8-16	16	13	0.8	16°	45°	60°	0.4	1.5	4.0	5.0	1.0
S11-0161316-0.9		16	13	0.9	16°	45°	60°	0.4	1.5	4.0	5.0	1.0
S11-0161316-1.0	S11-1.0-16	16	13	1.0	16°	45°	60°	0.5	1.5	4.0	5.0	1.0
S11-0161316-1.1		16	13	1.1	16°	45°	60°	0.5	1.5	4.0	5.0	1.0
S11-0161316-1.2	S11-1.2-16	16	13	1.2	16°	45°	60°	0.6	1.5	4.0	5.0	1.0
S11-0161316-1.3	S11-1.3-16	16	13	1.3	16°	45°	60°	0.6	1.5	4.0	5.0	1.0
S11-0161316-1.4		16	13	1.4	16°	45°	60°	0.7	1.5	4.0	5.0	1.0
S11-0161316-1.5		16	13	1.5	16°	45°	60°	0.7	1.5	4.0	5.0	1.0
S11-0161316-1.6	S11-1.6-16	16	13	1.6	16°	45°	60°	0.8	1.5	4.0	5.0	1.0
S11-0161316-1.7		16	13	1.7	16°	45°	60°	0.8	1.5	4.0	5.0	1.0
S11-0161316-1.8	S11-1.8-16	16	13	1.8	16°	45°	60°	0.9	1.5	4.0	5.0	1.0
S11-0161316-1.9		16	13	1.9	16°	45°	60°	0.9	1.5	4.0	5.0	1.0
S11-0161316-2.0	S11-2.0-16	16	13	2.0	16°	45°	60°	1.0	1.5	4.0	5.0	1.0
S11-0161316-2.1		16	13	2.1	16°	45°	60°	1.0	1.5	4.0	5.0	1.0
S11-0161316-2.2		16	13	2.2	16°	45°	60°	1.0	1.5	4.0	5.0	1.0
S11-0161316-2.3	S11-2.3-16	16	13	2.3	16°	45°	60°	1.1	1.5	4.0	5.0	1.0
S11-0161316-2.4		16	13	2.4	16°	45°	60°	1.2	1.5	4.0	5.0	1.0
S11-0161316-2.5		16	13	2.5	16°	45°	60°	1.2	1.5	4.0	5.0	1.0
S11-0161316-2.6		16	13	2.6	16°	45°	60°	1.3	1.5	4.0	5.0	1.0
S11-0161316-2.7		16	13	2.7	16°	45°	60°	1.3	1.5	4.0	5.0	1.0
S11-0161316-2.8	S11-2.8-16	16	13	2.8	16°	45°	60°	1.4	1.5	4.0	5.0	1.0
S11-0161316-3.0	S11-3.0-16	16	13	3.0	16°	45°	60°	1.4	1.5	4.0	5.0	1.0
S11-0161318-3.2		16	13	3.2	18°	45°	60°	1.4	1.5	5.0	4.0	1.0
S11-0161418-0.4	LS11-0.4-16	16	14	0.4	18°	40°	60°	0.3	1.5	4.0	4.0	1.0
S11-0161418-0.6	LS11-0.6-16	16	14	0.6	18°	40°	60°	0.4	1.5	4.0	4.0	1.0
S11-0161418-0.8	LS11-0.8-16	16	14	0.8	18°	40°	60°	0.6	1.5	4.0	4.0	1.0
S11-0161418-0.9	LS11-0.9-16	16	14	0.9	18°	40°	60°	0.6	1.5	4.0	4.0	1.0
S11-0161418-1.0	LS11-1.0-16	16	14	1.0	18°	40°	60°	1.0	1.5	4.0	4.0	1.0
S11-0161418-1.3	LS11-1.3-16	16	14	1.3	18°	40°	60°	1.2	1.5	4.0	4.0	1.0
S11-0161418-1.6	LS11-1.6-16	16	14	1.6	18°	40°	60°	1.2	1.5	4.0	4.0	1.0
S11-0161418-1.8	LS11-1.8-16	16	14	1.8	18°	40°	60°	1.2	1.5	4.0	4.0	1.0
S11-0161418-2.0	LS11-2.0-16	16	14	2.0	18°	40°	60°	1.2	1.5	4.0	4.0	1.0
S11-0161418-2.3	LS11-2.3-16	16	14	2.3	18°	40°	60°	1.4	1.5	4.0	4.0	1.0
S11-0161418-2.5	LS11-2.5-16	16	14	2.5	18°	40°	60°	1.4	1.5	4.0	4.0	1.0

S11-0161418-2.6	LS11-2.6	16	14	2.6	18°	40°	60°	1.4	1.5	4.0	4.0	1.0
S11-0161418-2.8	LS11-2.8	16	14	2.8	18°	40°	60°	1.4	1.5	4.0	4.0	1.0
S11-0181516-1.5		17.9	15	1.5	16	40°	75°	1.5	2.0	5.0	6.0	1.5
S11-0181516-1.8		17.9	15	1.8	16	40°	75°	1.5	2.0	5.0	6.0	1.5
S11-0181516-2.0		17.9	15	2.0	16	40°	75°	1.5	2.0	5.0	6.0	1.5
S11-0181516-2.3		17.9	15	2.3	16	40°	75°	1.5	2.0	5.0	6.0	1.5
S11-0181516-2.5		17.9	15	2.5	16	40°	75°	1.5	2.0	5.0	6.0	1.5
S11-0181516-2.8		17.9	15	2.8	16	40°	75°	2.0	2.0	5.0	6.0	1.5
S11-0181518-2.8		18	15	2.8	18	40°	60°	6.7	2.0	5.5	3.0	1.0
S11-0181516-3.0		17.9	15	3.0	16	40°	75°	2.0	2.0	5.0	6.0	1.5
S11-0181518-4.5		18	15	4.5	18	40°	60°	6.7	2.0	5.5	3.0	1.0
S11-0181520-1.5D		17.9	15	1.5	20	40°	75°	2.2	2.0	-	10.0	1.5
S11-0181520-1.8D		17.9	15	1.8	20	40°	75°	2.2	2.0	-	10.0	1.5
S11-0181520-1.5D		18	15	1.5	20	40°	75°	2.2	2.0	-	10.0	1.5
S11-0181520-2.3D		18	15	2.3	20	40°	75°	2.2	2.0	-	10.0	1.5
S11-0181520-2.5D		18	15	2.5	20	40°	75°	2.2	2.0	-	10.0	1.5
S11-0181520-2.8D		18	15	2.8	20	40°	75°	3.0	2.0	-	10.0	1.5
S11-0181520-3.0D		18	15	3	20	40°	75°	3.0	2.0	-	10.0	1.5
S11-0181520-3.3D		18	15	3.3	20	40°	75°	3.0	2.0	-	10.0	1.5
S11-0181520-3.6D		18	15	3.6-	20	40°	75°	3.0	2.0	-	10.0	1.5
S11-0181520-3.8D		18	15	3.8	20	40°	75°	3.0	2.0	-	10.0	1.5
S11-0181520-4.2D		18	15	4.2	20	40°	75°	3.5	2.0	-	10.0	1.5
S11-0181520-4.7D		18	15	4.7	20	40°	75°	3.5	2.0	-	10.0	1.5
S11-0181520-5.2D		18	15	5.2	20	40°	75°	3.5	2.0	-	10.0	1.5
S11-0181520-5.7D		18	15	5.7	20	40°	75°	3.5	2.0	-	10.0	1.5
S11-0191618-1.8		19	16	1.8	18	40°	75°	2.0	2.5	5.0	8.1	1.5
S11-0191618-2.0		19	16	2.0	18	40°	75°	2.0	2.5	5.0	8.1	1.5
S11-0191618-2.3	LS11-2.3-19H	19	16	2.3	18°	40°	75°	1.2	2.5	6.0	9.6	1.5
S11-0191618-2.5	LS11-2.5-19H	19	16	2.5	18°	40°	75°	1.3	2.5	6.0	9.7	1.5
S11-0191616-2.8	LS11-2.8-19H	19	16	2.8	16°	40°	75°	1.4	2.5	6.0	9.8	1.5
S11-0191618-3.0	LS11-3.0-19H	19	16	3.0	18°	40°	75°	1.4	2.5	6.0	9.6	1.5
S11-0191616-3.3		19	16	3.3	16°	40°	75°	2.0	2.5	5.0	8.0	1.5
S11-0191616-3.6		19	16	3.6	16°	40°	75°	2.0	2.5	5.0	8.1	1.5
S11-0191616-3.8	LS11-3.8-19H	19	16	3.8	16°	40°	75°	1.7	2.5	6.0	9.0	1.5
S11-0191616-4.2		19	16	4.2	16°	40°	75°	2.0	2.5	5.0	8.2	1.5
S11-0191616-4.7		19	16	4.7	16°	40°	75°	2.0	2.5	5.0	8.5	1.5
S11-0191616-5.2	LS11-5.2-19H	19	16	5.2	16°	40°	75°	2.0	2.5	6.0	8.1	1.5
S11-0191616-5.6	LS11-5.6-19H	19	16	5.6	16°	40°	75°	2.0	2.5	6.0	8.0	1.5
S11-0191616-5.9	LS11-5.9-19H	19	16	5.9	16°	40°	75°	2.0	2.5	6.0	7.9	1.5
S11-0201716-1.4	LS11-1.4-20H	20	17	1.4	16°	40°	75°	1.1	2.5	6.0	10.1	1.5
S11-0201716-1.6	LS11-1.6-20H	20	17	1.6	16°	40°	75°	1.2	2.5	6.0	10.0	1.5
S11-0201716-1.8	LS11-1.8-20H	20	17	1.8	16°	40°	75°	1.2	2.5	6.0	10.0	1.5
S11-0201718-1.8	LS11-1.8-20F	20	17	1.8	18°	40°	60°	2.3	2.5	6.0	5.0	1.2

S11-0201718-1.9		20	17	1.9	18°	40°	60°	2.3	2.5	6.0	3.0	1.2
S11-0201716-2.0	LS11-2.0-20H	20	17	2.0	16°	40°	75°	1.5	2.5	6.0	10.0	1.5
S11-0201718-2.0	LS11-2.0-20F	20	17	2.0	18°	40°	60°	2.3	2.5	6.0	5.0	1.2
S11-0201718-2.1	S11-2.1-20	20	17	2.1	18°	40°	60°	2.3	2.5	6.0	3.0	1.2
S11-0201718-2.2		20	17	2.2	18°	40°	60°	2.3	2.5	6.0	4.0	1.2
S11-0201710-2.3	LS11-2.3-20H B	20	17	2.3	10°	40°	75°	3.0	2.5	6.0	10.0	1.5
S11-0201716-2.3	LS11-2.3-20H	20	17	2.3	16°	40°	75°	1.2	2.5	6.0	9.7	1.5
S11-0201718-2.3	LS11-2.3-20F	20	17	2.3	18°	40°	60°	2.3	2.5	6.0	5.0	1.2
S11-0201718-2.4		20	17	2.4	18°	40°	60°	2.3	2.5	7.0	5.0	1.2
S11-0201710-2.5	LS11-2.5-20H B	20	17	2.5	10°	40°	75°	3.0	2.5	6.0	10.0	1.5
S11-0201716-2.5	LS11-2.5-20H	20	17	2.5	16°	40°	75°	1.3	2.5	6.0	9.6	1.5
S11-0201718-2.5	LS11-2.5-20F	20	17	2.5	18°	40°	60°	2.3	2.5	7.0	5.0	1.2
S11-0201718-2.6		20	17	2.6	18°	40°	60°	2.3	2.5	7.0	5.0	1.2
S11-0201718-2.7		20	17	2.7	18°	40°	60°	2.3	2.5	7.0	5.0	1.2
S11-0201716-2.8	LS11-2.8-20H A	20	17	2.8	16°	40°	75°	1.5	2.5	6.0	9.8	1.5
S11-0201718-2.8	LS11-2.8-20F	20	17	2.8	18°	40°	60°	2.3	2.5	7.0	5.0	1.2
S11-0201718-3.0	LS11-3.0-20F	20	17	3.0	18°	40°	60°	2.3	2.5	7.0	5.0	1.2
S11-0201716-3.3	LS11-3.3-20H A	20	17	3.3	16°	40°	75°	1.5	2.5	6.0	9.6	1.5
S11-0201718-3.3	LS11-3.3-20F	20	17	3.3	18°	40°	60°	2.3	2.5	7.0	5.0	1.2
S11-0201718-3.5	LS11-3.5-20F	20	17	3.5	18°	40°	60°	2.3	2.5	7.0	5.0	1.2
S11-0201718-3.8	LS11-3.8-20F	20	17	3.8	18°	40°	60°	2.3	2.5	7.0	5.0	1.2
S11-0201718-4.0	LS11-4.0-20F	20	17	4.0	18°	40°	60°	2.4	2.5	7.0	5.0	1.2
S11-0201718-4.2	LS11-4.2-20F	20	17	4.2	18°	40°	60°	2.5	2.5	7.0	5.0	1.2
S11-0201718-4.5	LS11-4.5-20F	20	17	4.5	18°	40°	60°	2.5	2.5	7.0	5.0	1.2
S11-0201718-4.7	LS11-4.7-20F	20	17	4.7	18°	40°	60°	2.6	2.5	7.0	5.0	1.2
S11-0201718-5.0		20	17	5.0	18°	40°	60°	2.6	2.5	7.0	5.0	1.2
S11-0201718-5.2	LS11-5.2-20F	20	17	5.2	18°	40°	60°	2.6	2.5	7.0	5.0	1.2
S11-0201718-5.5	LS11-5.5-20F	20	17	5.5	18°	40°	60°	2.6	2.5	7.0	5.0	1.2
S11-0201716-5.7	LS11-5.7-20H	20	17	5.7	16°	40°	75°	2.0	2.5	6.0	8.0	1.5
S11-0201718-5.7	LS11-5.7-20F	20	17	5.7	18°	40°	60°	2.6	2.5	7.0	5.0	1.2
S11-0201718-6.0	LS11-6.0-20F	20	17	6.0	18°	40°	60°	2.6	2.5	7.0	5.0	1.2
S11-0211718-1.6	LS11-1.6-21F	21	17	1.6	18°	40°	60°	1.2	2.5	6.0	5.0	1.2
S11-0211718-1.8	LS11-1.8-21F	21	17	1.8	18°	40°	60°	1.2	2.5	6.0	5.0	1.2
S11-0211718-2.0	LS11-2.0-21F	21	17	2.0	18°	40°	60°	1.2	2.5	6.0	5.0	1.2
S11-0211718-2.3	LS11-2.3-21F	21	17	2.3	18°	40°	60°	1.4	2.5	6.0	5.0	1.2
S11-0211718-2.5	LS11-2.5-21F	21	17	2.5	18°	40°	60°	1.4	2.5	6.0	5.0	1.2
S11-0211718-2.8	LS11-2.8-21F	21	17	2.8	18°	40°	60°	1.4	2.5	6.0	5.0	1.2
S11-0211718-3.0	LS11-3.0-21F	21	17	3.0	18°	40°	60°	1.4	2.5	6.0	5.0	1.2
S11-0211718-3.3	LS11-3.3-21F	21	17	3.3	18°	40°	60°	1.5	2.5	7.0	5.0	1.2

S11-0211718-3.5	LS11-3.5-21F	21	17	3.5	18°	40°	60°	1.5	2.5	7.0	5.0	1.2
S11-0211718-3.8	LS11-3.8-21F	21	17	3.8	18°	40°	60°	1.6	2.5	7.0	5.0	1.2
S11-0211718-4.0	LS11-4.0-21F	21	17	4.0	18°	40°	60°	1.7	2.5	7.0	5.0	1.2
S11-0211718-4.2	LS11-4.2-21F	21	17	4.2	18°	40°	60°	1.8	2.5	7.0	5.0	1.2
S11-0211718-4.5	LS11-4.5-21F	21	17	4.5	18°	40°	60°	1.8	2.5	7.0	5.0	1.2
S11-0211718-4.7	LS11-4.7-21F	21	17	4.7	18°	40°	60°	1.8	2.5	7.0	5.0	1.2
S11-0211718-4.9	LS11-4.9-21F	21	17	4.9	18°	40°	60°	1.9	2.5	7.0	5.0	1.2
S11-0211718-5.2	LS11-5.2-21F	21	17	5.2	18°	40°	60°	2.0	2.5	8.0	5.0	1.2
S11-0211718-5.5	LS11-5.5-21F	21	17	5.5	18°	40°	60°	2.5	2.5	8.0	5.0	1.2
S11-0211718-5.7	LS11-5.7-21F	21	17	5.7	18°	40°	60°	3.0	2.5	8.0	5.0	1.2
S11-0221818-1.5	S11-1.5-22	22	18	1.5	18°	40°	60°	1.2	2.5	6.0	5.0	1.2
S11-0221818-1.6	LS11-1.6-22F	22	18	1.6	18°	40°	60°	1.4	2.5	5.0	5.0	1.2
S11-0221818-1.7	S11-1.7-22	22	18	1.7	18°	40°	60°	1.2	2.5	6.0	5.0	1.2
S11-0221818-1.7	11-1.7-22	22	18	1.7	18°	40°	60°	1.2	2.5	6.0	5.0	1.2
S11-0221818-1.8	LS11-1.8-22F	22	18	1.8	18°	40°	60°	1.4	2.5	5.0	5.0	1.2
S11-0221818-1.8	11-1.8-22	22	18	1.8	18°	40°	60°	1.2	2.5	6.0	5.0	1.2
S11-0221818-1.9	S11-1.9-22	22	18	1.9	18°	40°	60°	1.2	2.5	6.0	5.0	1.2
S11-0221818-2.0	LS11-2.0-22F	22	18	2.0	18°	40°	60°	1.4	2.5	5.0	5.0	1.2
S11-0221818-2.1		22	18	2.1	18°	40°	60°	1.2	2.5	6.0	5.0	1.2
S11-0221818-2.2		22	18	2.2	18°	40°	60°	1.2	2.5	6.0	5.0	1.2
S11-0221818-2.3	LS11-2.3-22F	22	18	2.3	18°	40°	60°	1.4	2.5	5.0	5.0	1.2
S11-0221818-2.4		22	18	2.4	18°	40°	60°	1.4	2.5	5.5	5.0	1.2
S11-0221818-2.5	LS11-2.5-22F	22	18	2.5	18°	40°	60°	1.4	2.5	5.0	5.0	1.2
S11-0201716-2.5	LS11-6.3-22H	22	18	6.3	20°	40°	75°	2.2	2.5	6.0	8.0	1.5
S11-0221818-2.6		22	18	2.6	18°	40°	60°	1.4	2.5	5.5	5.0	1.2
S11-0221818-2.7		22	18	2.7	18°	40°	60°	1.4	2.5	6.5	5.0	1.2
S11-0221818-2.8	LS11-2.8-22F	22	18	2.8	18°	40°	60°	1.4	2.5	7.0	5.0	1.2
S11-0221818-2.9		22	18	2.9	18°	40°	60°	1.4	2.5	5.5	5.0	1.2
S11-0221818-3.0	LS11-3.0-22F	22	18	3.0	18°	40°	60°	1.4	2.5	7.0	5.0	1.2
S11-0221818-3.1	LS11-3.1-22F	22	18	3.1	18°	40°	60°	1.8	2.5	7.0	5.0	1.2
S11-0221818-3.3	LS11-3.3-22F	22	18	3.3	18°	40°	60°	1.8	2.5	7.0	5.0	1.2
S11-0221818-3.5	LS11-3.5-22F	22	18	3.5	18°	40°	60°	1.8	2.5	7.0	5.0	1.2
S11-0221818-3.7		22	18	3.7	18°	40°	60°	1.8	2.5	7.0	5.0	1.2
S11-0221818-3.8	LS11-3.8-22F	22	18	3.8	18°	40°	60°	1.8	2.5	7.0	5.0	1.2
S11-0221818-4.0	LS11-4.0-22F	22	18	4.0	18°	40°	60°	1.8	2.5	7.0	5.0	1.2
S11-0221818-4.2	LS11-4.2-22F	22	18	4.2	18°	40°	60°	2.2	2.5	7.0	5.0	1.2
S11-0221818-4.5	LS11-4.5-22F	22	18	4.5	18°	40°	60°	2.2	2.5	7.0	5.0	1.2
S11-0221818-4.7	LS11-4.7-22F	22	18	4.7	18°	40°	60°	2.2	2.5	7.0	5.0	1.2
S11-0221818-5.0	LS11-5.0-22F	22	18	5.0	18°	40°	60°	2.6	2.5	7.0	5.0	1.2
S11-0221818-5.2	LS11-5.2	22	18	5.2	18°	40°	60°	2.0	2.5	6.0	5.0	1.2
S11-0221818-5.4	S11-5.4	22	18	5.4	18°	40°	60°	2.0	2.5	7.0	5.0	1.2
S11-0221814-5.5	LS11-5.5	22	18	5.5	14°	40°	60°	2.7	2.5	7.5	5.0	1.2
S11-0221818-5.7	LS11-5.7-22F	22	18	5.7	18°	40°	60°	2.6	2.5	7.0	5.0	1.2

S11-0221818-6.0	LS11-6.0-22F	22	18	6.0	18°	40°	60°	2.6	2.5	7.0	5.0	1.2
S11-0251718-6.0	LZ25-6	25	17	6.0	18°	70°	70°	1.5	3.0	6.0	2.5	2.0
S11-0251718-7.0	LZ25-7	25	17	7.0	18°	70°	70°	1.5	3.0	6.0	2.5	2.0
S11-0251718-8.0	LZ25-8	25	17	8.0	18°	70°	70°	1.5	3.0	6.0	2.5	2.0
S11-0302018-9.0	LZ30-09	30	20	9.0	18°	70°	70°	1.5	3.0	6.0	2.5	2.0
S11-0302018-10.0	LZ30-10	30	20	10.0	18°	70°	70°	1.5	3.0	6.0	2.5	2.0