

JSR Engineering (Pty) Ltd.

PRECISION GROUND MOULD PLATES

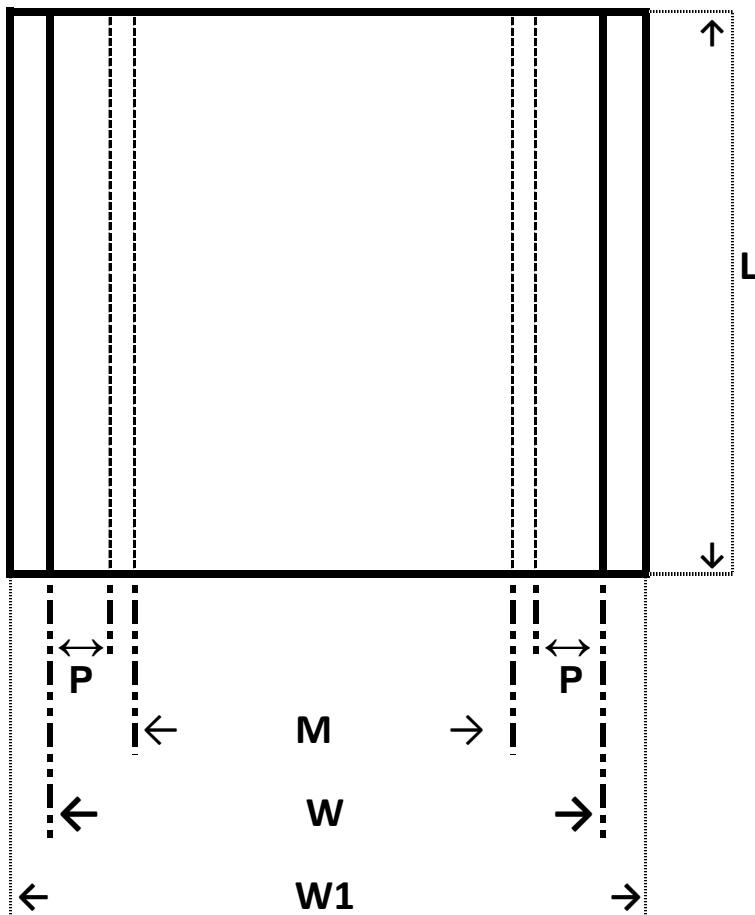
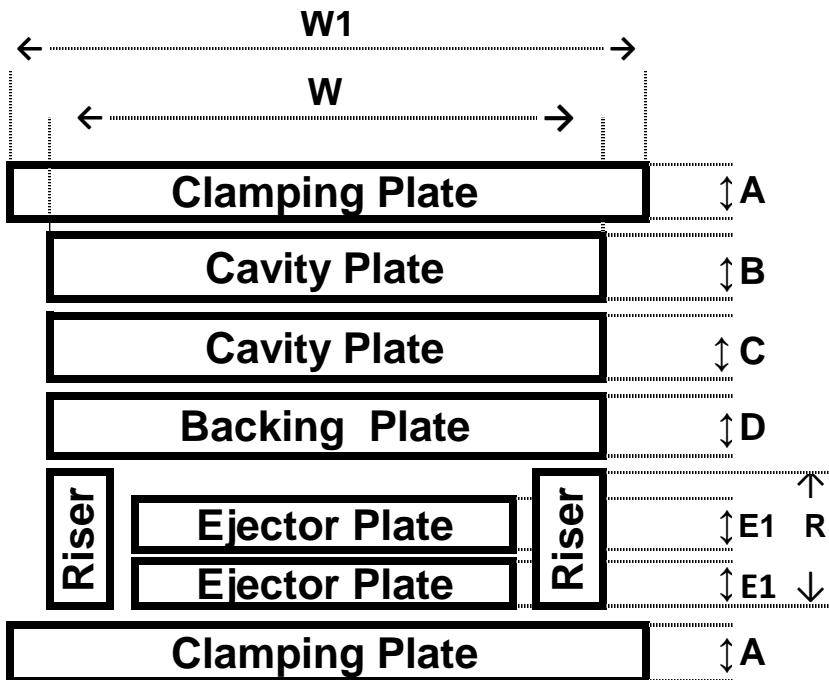
JSR P-Plates are designed to assist mould makers with
efficient and cost effective mould making

DME STANDARD SIZES

(EURO, VAP & SPECIAL sizes upon request)



STANDARD DME MOULDS DIMENSIONS OF PLATES



DIMENSIONS

- W1**: Width of the clamping plates
- W**: Width of the cavity plates
- L**: Length of the mould
- P**: Width of the risers
- M**: Width of the ejector plates
- A&F**: Thickness of the clamping plates
- B&C**: Thickness of the cavity plates
- D**: Thickness of the backing plate
- R**: Height of the risers
- E1**: Thickness of the ejector plate
- E2**: Thickness of the ejector plate

STANDARD DME MOULD SIZES

JSR Engineering (Pty) Ltd.

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Series	Cavity Size (W & L)	W1	W	L	P	M	A & F	B & C	D	R	E1	E2
1616	156 x 156	196	156	156	31	92	20	17-22-26- 36-46-56- 66-76	26	46-56-66	10	12
1620	156 x 196	196	156	196	31	92	20		26		10	12
1625	156 x 246	196	156	246	31	92	20		26		10	12
2020	196 x 196	246	196	196	36	122	26/27	17-22-26- 36-46-56- 66-76-86	36	66-86-106	12	16
2025	196 x 246	246	196	246	36	122	26/27		36		12	16
2030	196 x 296	246	196	296	36	122	26/27		36		12	16
2035	196 x 346	246	196	346	36	122	26/27		36		12	16
2040	196 x 396	246	196	396	36	122	26/27		36		12	16
2525	246 x 246	296	246	246	46	152	26/27	17-22-26- 36-46-56- 66-76	36		16	26
2530	246 x 296	296	246	296	46	152	26/27		36		16	26
2535	246 x 346	296	246	246	46	152	26/27		36		16	26
2540	246 x 396	296	246	396	46	152	26/27		36		16	26
2550	246 x 496	296	246	496	46	152	26/27		36		16	26
3030	296 x 296	346	296	296	46	202	26/27	17-22-26- 36-46-56- 66-76-86	46	66-86-106	16	26
3035	296 x 346	346	296	346	46	202	26/27		46		16	26
3040	296 x 396	346	296	396	46	202	26/27		46		16	26
3045	296 x 446	346	296	446	46	202	26/27		46		16	26
3050	296 x 496	346	296	496	46	202	26/27		46		16	26
3055	296 x 546	346	296	546	46	202	26/27		46		16	26
3060	296 x 596	346	296	596	46	202	26/27	26-36-46- 56-66-76- 86-96-106- 126-146	46	106-126	16	26
3535	346 x 346	396	346	346	46	252	26/27		46		16	26
3540	346 x 396	396	346	396	46	252	26/27		46		16	26
3545	346 x 446	396	346	446	46	252	26/27		46		16	26
3550	346 x 496	396	346	496	46	252	26/27		46		16	26
3560	346 x 596	396	346	596	46	252	26/27		46		16	26
4040	396 x 396	446	396	396	56	280	36	36-56-76- 96-106-126 146-166- 186	56	106-126	16	26
4045	396 x 446	446	396	446	56	280	36		56		16	26
4050	396 x 496	446	396	496	56	280	36		56		16	26
4060	396 x 596	446	396	596	56	280	36		56		16	26
4545	446 x 446	496	446	446	56	330	36	36-56-76- 96-106-126 146-166- 186-206	56	106-126	20	26
4550	446 x 496	496	446	496	56	330	36		56		20	26
4560	446 x 596	496	446	596	56	330	36		56		20	26
4570	446 x 696	496	446	696	56	330	36		56		20	26
4580	446 x 796	496	446	796	56	330	36		56		20	26
5050	496 x 496	546	496	496	56	380	36		56		20	26
5055	496 x 546	546	496	546	56	380	36		56		20	26
5060	496 x 596	546	496	596	56	380	36		56		20	26
5070	496 x 696	546	496	696	56	380	36		56		20	26
5080	496 x 796	546	496	796	56	380	36		56		20	26
5555	546 x 546	596	546	546	56	430	36		56		20	26
5560	546 x 596	596	546	596	56	430	36		56		20	26
5570	546 x 696	596	546	696	56	430	36		56		20	26
5580	546 x 796	596	546	796	56	430	36		56		20	26
6060	596 x 596	640	596	596	64	464	36	56	56	106-126	20	26
6070	596 x 696	640	596	696	64	464	36		56		20	26
6080	596 x 796	640	596	796	64	464	36		56		20	26
6090	596 x 896	640	596	896	64	464	36		56		20	26

Precision GROUND Cavity Plates - Pre-hardened 1.2312

The P-plates are designed to assist the mould makers with efficient and cost effective mould making.

Chamfered, thickness precision ground

Fully squared up, ready for mould making

P-plates from JSR Engineering

Suitable for nitriding

Pre-hardened to 31 to 33 HRc

Tolerance:

Thickness: + 0.2 / - 0 mm

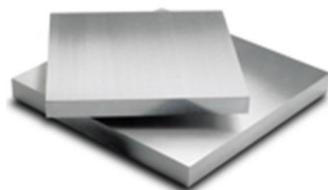
Width: + 0.4 / - 0 mm

Length: + 0.4 / - 0 mm

More precise tolerances on request

Any required size will be machined

Other grades available (1.2311, 1.2316, 1.2767, 1.2344)



STANDARD SIZES

Mould Series	Cavity size (W x L) mm	Squared-up, precision machined and chamfered cavity plates					
		26	36	46	56	66	76
1616	156 x 156	•	•	•	•	•	•
1620	156 x 196	•	•	•	•	•	•
1625	156 x 246	•	•	•	•	•	•
2020	196 x 196	•	•	•	•	•	•
2025	196 x 246	•	•	•	•	•	•
2030	196 x 296	•	•	•	•	•	•
2035	196 x 346	•	•	•	•	•	•
2040	196 x 396	•	•	•	•	•	•
2525	246 x 246	•	•	•	•	•	•
2530	246 x 296	•	•	•	•	•	•
2535	246 x 346	•	•	•	•	•	•
2540	246 x 396	•	•	•	•	•	•
2550	246 x 496	•	•	•	•	•	•
3030	296 x 296	•	•	•	•	•	•
3035	296 x 346	•	•	•	•	•	•
3040	296 x 396	•	•	•	•	•	•
3045	296 x 446	•	•	•	•	•	•
3050	296 x 496	•	•	•	•	•	•
3055	296 x 546	•	•	•	•	•	•
3060	296 x 596	•	•	•	•	•	•
3535	346 x 346	•	•	•	•	•	•
3540	346 x 396	•	•	•	•	•	•
3545	346 x 446	•	•	•	•	•	•
3550	346 x 496	•	•	•	•	•	•
3560	346 x 596	•	•	•	•	•	•
4040	396 x 396	•	•	•	•	•	•
4045	396 x 446	•	•	•	•	•	•
4050	396 x 496	•	•	•	•	•	•
4055	396 x 546	•	•	•	•	•	•
4060	396 x 596	•	•	•	•	•	•
4545	446 x 446	•	•	•	•	•	•
4550	446 x 496	•	•	•	•	•	•
4560	446 x 596	•	•	•	•	•	•
5050	496 x 496	•	•	•	•	•	•
5055	496 x 546	•	•	•	•	•	•
5060	496 x 596	•	•	•	•	•	•
5555	546 x 546	•	•	•	•	•	•
5560	546 x 596	•	•	•	•	•	•

Clamping & Backing Plates (Mild Steel) - Precision Ground

Precision machined plates designed to assist mould makers with cost effective and efficient mould making.

Chamfered, thickness precision ground, and squared up.

Ready for mould making.

Any required size will be machined.

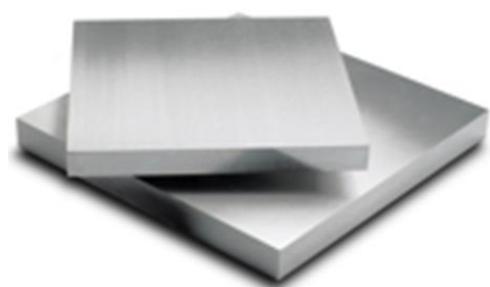
Thickness: + 0.2 / - 0 mm

More precise tolerances on request.

Width: + 0.4 / - 0 mm

More precise tolerances on request.

Length: + 0.4 / - 0 mm



Colour code: WHITE

STANDARD SIZES

Series	Cavity Size	Clamping Plate	THICKNESS (mm)			Support Plate	THICKNESS (mm)			
			20	26	36		26	36	46	56
	W x L (mm)	W1 x L (mm)				W x L (mm)				
1616	156 x 156	196 x 156	•			156 x 156	•			
1620	156 x 196	196 x 196	•			156 x 196	•			
1625	156 x 246	196 x 246	•			156 x 246	•			
2020	196 x 196	246 x 196		•		196 x 196		•		
2025	196 x 246	246 x 246		•		196 x 246		•		
2030	196 x 296	246 x 296		•		196 x 296		•		
2035	196 x 346	246 x 346		•		196 x 346		•		
2040	196 x 396	246 x 396		•		196 x 396		•		
2525	246 x 246	296 x 246		•		246 x 246		•		
2530	246 x 296	296 x 296		•		246 x 296		•		
2535	246 x 346	296 x 346		•		246 x 346		•		
2540	246 x 396	296 x 396		•		246 x 396		•		
2550	246 x 496	296 x 496		•		246 x 496		•		
3030	296 x 296	346 x 296		•		296 x 296			•	
3035	296 x 346	346 x 346		•		296 x 346			•	
3040	296 x 396	346 x 396		•		296 x 396			•	
3045	296 x 446	346 x 446		•		296 x 446			•	
3050	296 x 496	346 x 496		•		296 x 496			•	
3055	296 x 546	346 x 546		•		296 x 546			•	
3060	296 x 596	346 x 596		•		296 x 596			•	
3535	346 x 346	396 x 346		•		346 x 346			•	
3540	346 x 396	396 x 396		•		346 x 396			•	
3545	346 x 446	396 x 446		•		346 x 446			•	
3550	346 x 496	396 x 496		•		346 x 496			•	
3560	346 x 596	396 x 596		•		346 x 596			•	
4040	396 x 396	446 x 396			•	396 x 396				•
4045	396 x 446	446 x 446			•	396 x 446				•
4050	396 x 496	446 x 496			•	396 x 496				•
4055	396 x 546	446 x 546			•	396 x 546				•
4060	396 x 596	446 x 596			•	396 x 596				•
4545	446 x 446	496 x 446			•	446 x 446				•
4550	446 x 496	496 x 496			•	446 x 496				•
4560	446 x 596	496 x 596			•	446 x 596				•
5050	496 x 496	546 x 496			•	496 x 496				•
5055	496 x 546	546 x 546			•	496 x 546				•
5060	496 x 596	546 x 596			•	496 x 596				•
5555	546 x 546	596 x 546			•	546 x 546				•
5560	546 x 596	596 x 596			•	546 x 596				•

EJECTOR PLATES (Mild Steel) - Precision Ground

The ejector plates are designed to assist mould makers with cost effective and efficient mould making.

Tolerance:

Thickness: + 0.2 / - 0 mm

Width: + 0.4 / - 0 mm

Length: + 0.4 / - 0 mm

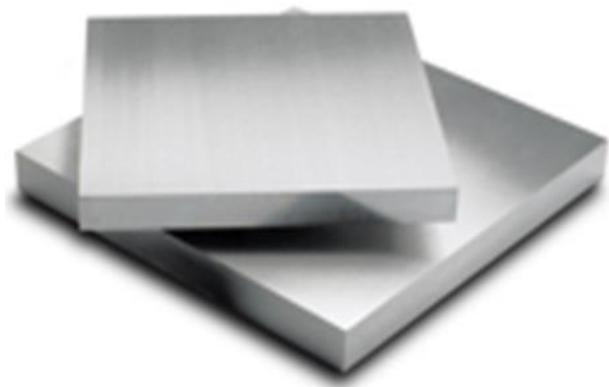
Chamfered, thickness precision ground, and squared up.

Ready for mould making.

Any required size will be machined.

Other grades available upon request.

More precise tolerances on request.



STANDARD SIZES

Colour code: WHITE		Ejector Plate Sizes (mm)						
		Width x Length (mm)		THICKNESS (mm)				
Mould Series	Width x Length (mm)	Width (mm)	Length (mm)	10	12	16	20	26
1616	156 x 156	92	156	•	•			
1620	156 x 196	92	196	•	•			
1625	156 x 246	92	246	•	•			
2020	196 x 196	122	196		•	•		
2025	196 x 246	122	246		•	•		
2030	196 x 296	122	296		•	•		
2035	196 x 346	122	346		•	•		
2040	196 x 396	122	396		•	•		
2525	246 x 246	152	246			•		•
2530	246 x 296	152	296			•		•
2535	246 x 346	152	346			•		•
2540	246 x 396	152	396			•		•
2550	246 x 496	152	496			•		•
3030	296 x 296	202	296			•		•
3035	296 x 346	202	346			•		•
3040	296 x 396	202	396			•		•
3045	296 x 446	202	446			•		•
3050	296 x 496	202	496			•		•
3055	296 x 546	202	546			•		•
3060	296 x 596	202	596			•		•
3535	346 x 346	252	346			•		•
3540	346 x 396	252	396			•		•
3545	346 x 446	252	446			•		•
3550	346 x 496	252	496			•		•
3560	346 x 596	252	596			•		•
4040	396 x 396	280	396			•		•
4045	396 x 446	280	446			•		•
4050	396 x 496	280	496			•		•
4055	396 x 546	280	546			•		•
4060	396 x 596	280	596			•		•
4545	446 x 446	330	446				•	•
4550	446 x 496	330	496				•	•
4560	446 x 596	330	596				•	•
5050	496 x 496	380	496				•	•
5055	496 x 546	380	546				•	•
5060	496 x 596	380	596				•	•
5555	546 x 546	430	546				•	•
5560	546 x 596	430	596				•	•

Precision Ground Risers (Mild Steel)

The risers are designed to assist mould makers with cost effective and efficient mould making.

Tolerance:

Thickness: + 0.2 / - 0 mm

Width: + 0.4 / - 0 mm

Length: + 0.4 / - 0 mm

Chamfered, thickness precision ground, and squared up

Ready for mould making

Any required size will be machined

Other grades available upon request

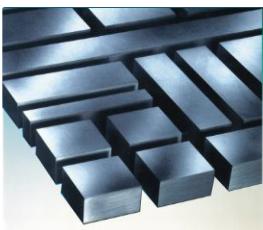
More precise tolerances on request



STANDARD SIZES

		RISER SIZE (mm)							
Colour Code: WHITE		RISER WIDTH	RISER LENGTH	RISER HEIGHT (mm)					
Mould Series	Mould Size (mm)	Width (mm)	Length (mm)	46	56	66	86	106	126
1616	156 x 156	31	156	.	.	.			
1620	156 x 196	31	196	.	.	.			
1625	156 x 246	31	246	.	.	.			
2020	196 x 196	36	196			.	.	.	
2025	196 x 246	36	246			.	.	.	
2030	196 x 296	36	296			.	.	.	
2035	196 x 346	36	346			.	.	.	
2040	196 x 396	36	396			.	.	.	
2525	246 x 246	46	246			.	.	.	
2530	246 x 296	46	296			.	.	.	
2535	246 x 346	46	346			.	.	.	
2540	246 x 396	46	396			.	.	.	
2550	246 x 496	46	496			.	.	.	
3030	296 x 296	46	296			.	.	.	
3035	296 x 346	46	346			.	.	.	
3040	296 x 396	46	396			.	.	.	
3045	296 x 446	46	446			.	.	.	
3050	296 x 496	46	496			.	.	.	
3055	296 x 546	46	546			.	.	.	
3060	296 x 596	46	596			.	.	.	
3535	346 x 346	46	346			.	.	.	
3540	346 x 396	46	396			.	.	.	
3545	346 x 446	46	446			.	.	.	
3550	346 x 496	46	496			.	.	.	
3560	346 x 596	46	596			.	.	.	
4040	396 x 396	56	396					.	.
4045	396 x 446	56	446					.	.
4050	396 x 496	56	496					.	.
4055	396 x 546	56	546					.	.
4060	396 x 596	56	596					.	.
4545	446 x 446	56	446					.	.
4550	446 x 496	56	496					.	.
4560	446 x 596	56	596					.	.
5050	496 x 496	56	496					.	.
5055	496 x 546	56	546					.	.
5060	496 x 596	56	596					.	.
5555	546 x 546	56	546					.	.
5560	546 x 596	56	596					.	.

1.2312 Precision Inserts



Precision machined and squared up.

Ready for use.

Any required size will be machined.

Other grades available upon request.

More precise tolerances on request.

TOLERANCE:

Thickness: + 0.4 / + 0.5 mm

Width: + 0.3 /+ 0.5 mm

Length: + 0.3 / + 0.5 mm

STANDARD SIZES

Width (mm)	Length (mm)	THICKNESS (mm)									
		20	23	24	25	27	30	32	40	50	63
25	90	.	.	.	.		
30	65	.	.	.	.		
30	70	.	.	.	.		
40	50	.	.	.	.	.	.	.	.	.
40	65	.	.	.	.	.	.	.	.	.
40	70	.	.	.	.	.	.	.	.	.
40	80	.	.	.	.	.	.	.	.	.
40	90	.	.	.	.	.	.	.	.	.
50	70	.	.	.	.	.	.	.	.	.	.
50	80	.	.	.	.	.	.	.	.	.
50	100	.	.	.	.	.	.	.	.	.
63	80	.			.						
63	100	.			.						
63	140	.			.						
63	150	.			.						
70	80	.			.			.	.	.
70	100	.			.			.	.	.
70	125	.			.			.	.	.
80	100	.			.			.	.	.
80	140	.			.			.	.	.
90	100				.			.	.	.
90	110				.			.	.	.
90	125				.			.	.	.
90	150				.			.	.	.
100	100				.		.	.	.	.
100	110				.		.	.	.	.
100	125				.		.	.	.	.
100	140				.		.	.	.	.
100	160				.		.	.	.	.
100	185				.		.	.	.	.
100	200				.		.	.	.	.
125	140				.			.	.	.
125	185				.			.	.	.
140	160				.			.	.	.
140	200				
140	250				
150	185				
150	200				
150	250				
180	200				
180	250				
180	300				

JSR Engineering

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Contact: Richard Modry (082 670 7046)

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Precision GROUND Cavity Plates - 1.2510 Tool Steel

The P-plates are designed to assist the mould makers with efficient and cost effective mould making.

Chamfered, thickness precision ground

Fully squared up, ready for mould making

P-plates from JSR Engineering

More precise tolerances on request

Any required size will be machined

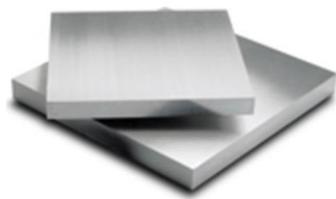
Other grades available (1.2311, 1.2316, 1.2767, 1.2344)

Tolerance:

Thickness: +0.2 / -0 mm

Width: +0.4 / -0 mm

Length: +0.4 / -0 mm



STANDARD SIZES

Squared-up, precision machined and chamfered cavity plates

Mould Series	Cavity size (W x L) mm	THICKNESS (mm)			
		26 to 30 mm	36 to 40 mm	46 to 50 mm	56 to 60 mm
1616	156 x 156	•	•	•	•
1620	156 x 196	•	•	•	•
1625	156 x 246	•	•	•	•
2020	196 x 196	•	•	•	•
2025	196 x 246	•	•	•	•
2030	196 x 296	•	•	•	•
2035	196 x 346	•	•	•	•
2040	196 x 396	•	•	•	•
2525	246 x 246	•	•	•	•
2530	246 x 296	•	•	•	•
2535	246 x 346	•	•	•	•
2540	246 x 396	•	•	•	•
2550	246 x 496	•	•	•	•
3030	296 x 296	•	•	•	•
3035	296 x 346	•	•	•	•
3040	296 x 396	•	•	•	•
3045	296 x 446	•	•	•	•
3050	296 x 496	•	•	•	•
3055	296 x 546	•	•	•	•
3060	296 x 596	•	•	•	•
3535	346 x 346	•	•	•	•
3540	346 x 396	•	•	•	•
3545	346 x 446	•	•	•	•
3550	346 x 496	•	•	•	•
3560	346 x 596	•	•	•	•
4040	396 x 396	•	•	•	•
4045	396 x 446	•	•	•	•
4050	396 x 496	•	•	•	•
4055	396 x 546	•	•	•	•
4060	396 x 596	•	•	•	•
4545	446 x 446	•	•	•	•
4550	446 x 496	•	•	•	•
4560	446 x 596	•	•	•	•
5050	496 x 496	•	•	•	•
5055	496 x 546	•	•	•	•
5060	496 x 596	•	•	•	•
5555	546 x 546	•	•	•	•
5560	546 x 596	•	•	•	•