



Midway Metals

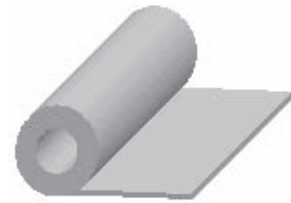
the stainless steel innovators

PRODUCTS & SERVICES CATALOGUE

10TH EDITION

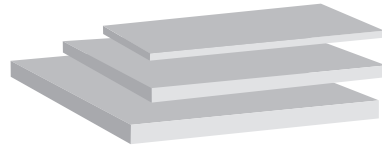
SPECIFICATIONS: ASTM A240/480

FINISH: 2B, BA, 2BPE, N4 PE, CPP, NO1



SIZE		304/L					316/L				3CR12	409L	253MA	321		2101	2205
		2B	BA	2B PE	N4 PE	CPP/ N1	2B	2B PE	N4 PE	CPP/ N1	1.4003	2B	2B	No.1	2B	No.1	
0.55mm	915	★															
	1219	★			★		★		☆						★		
0.7mm	915	☆													☆		
	1219	★	★		★		★		☆								
0.9mm	915	☆															
	1219	★	★		★		★		★						☆		
1.2mm	915	☆			☆										★		
	1219	★	★	☆	★		★	☆	★							☆	☆
	1500	★			★		☆		★								
1.5mm	915	☆			☆												
	1219	★	★	☆	★		★	☆	★						★		
	1250										☆		★			☆	☆
	1500	★			★		★		★						★		
2mm	915																
	1219	★		☆	★		★	☆	★						★		
	1250										★	★	★			☆	☆
	1500	★		☆	★		★	☆	★		★	★					
	2000	★					★										
2.5mm	1219	★		☆	★		★	☆									
	1500	★		☆	★		★	☆									
3mm	915																
	1219	★		☆	★		★	☆	★						★		
	1250										★		★			☆	☆
	1500	★		☆	★		★	☆	★		★				★	☆	☆
	2000	★					★				☆			★	★	☆	☆
3.5mm	1500										★						
4mm	1219	★				☆	★										
	1500	★		☆		☆	★	★					★			☆	☆
	2000	★		☆		☆	★	★								☆	☆
5mm	1219	★				★	★			★							
	1250										★						
	1500	★		☆		★	★	★		★	★				★	☆	☆
	2000	★		☆		★	★	★		★				★		☆	☆
6mm	1219	★				★	★			★							
	1250										★						
	1500	★		☆		★	★	★		★	★				★	☆	☆
	2000	★		☆		★	★	★		★	★			★		☆	☆
8mm	1219					★				★							
	1500	★				★				★							
	2000	★				★				★				★		★	
10mm	1219					★				★							
	1500					★				★							
	2000					★				★							

SPECIFICATIONS: ASTM A240/480
FINISH: 2B, 2BPE, N4 PE, BAPE



SIZE		304					316			253MA	3CR12	321
		2B	2B PE	N4 PE	BA PE	N8 PE	2B	2B PE	N4 PE	2B	1.4003 2B	2B
0.45mm	915 x 1819											
	1219 x 2438	☆		☆								
0.55mm	915 x 1819	☆	☆	☆								
	915 x 2438	☆	☆	☆								
	1219 x 2438	★	☆	★			★					
0.7 mm	915 x 1819	☆	☆	☆								
	915 x 2438	☆	☆	☆								
	1219 x 2438	★		★			★		★			
0.9mm	915 x 1819	☆	☆	☆								
	915 x 2438	★	☆	☆								
	1219 x 2438	★	★	★	★		★	★	★			
	1219 x 3048			★								
1mm	1219 x 2438					★				☆		
1.2mm	915 x 1819	☆	☆	☆								
	915 x 2438	★	☆	☆								
	1219 x 2438	★	★	★	★	★	★	★	★			
	1219 x 3048	☆	★	★								
	1500 x 3000	★	★	★					★			
1.5mm	915 x 1819	★	☆	☆								
	915 x 2438	☆	☆	☆								
	1219 x 1800	☆	★	☆				☆				
	1219 x 2438	★	★	★	★	★	★	★	★			★
	1219 x 3048	★	★	★				★	★			
	1250 x 2400											
	1250 x 2500									★	★	
	1500 x 3000	★	★	★			★	★	★			
	1500 x 4000		★	★								

SPECIFICATIONS: ASTM A240/480

FINISH: 2B, 2BPE, N4 PE, BAPE

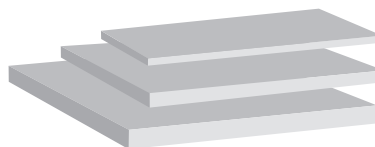


SIZE		304				316			253MA	3CR12	321
		2B	2B PE	N4 PE	BA PE	2B	2B PE	N4 PE	2B	1.4003 2B	2B
2mm	915 x 1819	☆	☆	☆		☆	☆	☆			
	915 x 2438	☆	☆	☆		☆	☆	☆			
	1219 x 1800		★				★				
	1219 x 2438	★	★	★		★	★	★			★
	1219 x 3048	★	★	★			★				
	1250 x 2400										
	1250 x 2500								★	★	
	1500 x 3000	★	★	★		★	★	★		★	
	1500 x 4000		★	☆							
	915 x 1819	☆	☆	☆							
	915 x 2438	☆	☆	☆							
	1219 x 2438	★	★	★		★	★	☆			
2.5mm	1219 x 3000	★	★	☆							
	1500 x 3000	★	★	☆			★				
	1500 x 4000		★	☆							
	915 x 1819	☆	☆	☆		☆	☆				
	915 x 2438	☆	☆	☆		☆	☆				
	1219 x 1800		★				★				
3mm	1219 x 2438	★	★	★		★	★	★			★
	1219 x 3048	★	★	☆		★	★	★			
	1250 x 2500								★	★	
	1250 x 3000									★	
	1500 x 3000	★	★	★		★	★	★		★	
	1500 x 4000		★	☆							

PLATE

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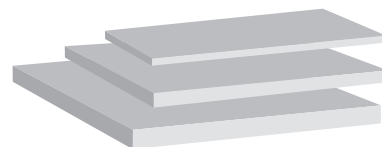
SPECIFICATIONS: ASTM A240/480
FINISH: 2B, 2BPE, CPP, No. 1 HRAP



SIZE		TP304/L				TP316L				TP321	3CR12	253MA	2205
		2B	2B PE	CPP	No.1	2B	2B PE	CPP	No.1		1.4003		
3mm	1500 x 3000	★	★			★	★			★	★		★
	1219 x 6000		★				★				★		
	1500 x 6000		★			★	★			★	★		
	2000 x 3000		★										
	2000 x 4000		★										
	2000 x 6000		★			★	★			★		★	★
4mm	1219 x 2438		★				★						
	1500 x 3000		★				★						
	1500 x 4000		★										
	1500 x 6000		★	☆			★						
	2000 x 4000		★										
	2000 x 6000		★	☆			★						★
5mm	1219 x 2438		★	★			★	★					
	1250 x 2500										★		
	1500 x 3000		★	★			★	★	★	★	★		
	1500 x 4000		★										
	1500 x 6000		★	★			★	★		★	★		
	2000 x 4000		★										
	2000 x 6000		★	★			★	★		★	★	★	★
	2500 x 6000				★				★				
6mm	1219 x 2438		★	★			★	★					
	1250 x 2500										★		
	1500 x 3000		★	★			★			★	★		
	1500 x 4000		★										
	1500 x 6000		★	★			★	★		★	★		
	2000 x 4000		★										
	2000 x 6000		★	★			★	★		★	★	★	★
	2500 x 6000				★				★				
8mm	1219 x 2438			★				★					
	1500 x 3000			★				★					
	1500 x 6000			★				★	★	★	★		
	2000 x 4000			★									
	2000 x 6000			★				★		★	★	★	★
	2500 x 6000				★				★				
	2500 x 7500				★				☆		☆		
10mm	1219 x 2438			★				★					
	1500 x 3000			★				★		★			
	1500 x 6000			★				★		★	★		
	2000 x 6000			★				★		★	★	★	★
	2500 x 6000				★				★				
	2500 x 7500				★				★		☆		

SPECIFICATIONS: ASTM A240/480

FINISH: CPP, No. 1 HRAP



SIZE		TP 304/L	TP 316L	TP 321	3CR12 1.4003	253MA	2205
12mm	1219 x 2438	★	★				
	3000 x 1500	★	★	★			
	1500 x 6000	★	★	★	★		
	2000 x 6000	★	★	★	★	★	★
	2500 x 6000	★	★				
	2500 x 7000	★	★				
	2500 x 7500	★	★		☆		
16mm	1219 x 2438	★	★				
	1500 x 3000	★	★				
	1500 x 6000	★	★		★		
	2000 x 6000	★	★	★	★	★	★
	2500 x 6000	★	★				
20mm	1219 x 2438	★	★				
	1500 x 3000	★	★				
	1500 x 6000	★	★		★		
	2000 x 6000	★	★	★	★	★	★
	2500 x 6000	★	★				
25mm	1219 x 2438	★	★				
	1500 x 3000	★	★				
	1500 x 6000	★	★	★			
	2000 x 6000	★	★	★	★	★	★
	2500 x 6000	★	★				
32mm	1500 x 6000	★	★				
	2000 x 6000	★	★	★			★
	2500 x 6000	★	★				
40mm	1500 x 6000	★	★				
	2000 x 6000	★	★	★	★		★
	2500 x 6000		★				
50mm	1500 x 6000	★	★				
	2000 x 6000	★	★	★	★		★
65mm	2000 x 4000	★	★				
80mm	2000 x 4000	★	★				

FLOOR PLATE / COIL

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SPECIFICATIONS:	ASTM A240/480
FINISH:	PRESSED FLOOR PLATE, HRAP CHEQUER PLATE



SIZE		TP 304	TP 316
PRESSED FLOOR PLATE			
2mm	1219 x 2438	★	☆
3mm	1219 x 2438	★	☆
	1219 x 3048	☆	☆
4.5mm	1219 x 2438	★	☆
	1500 x 3000	★	☆
6mm	1219 x 2438	☆	☆
HRAP CHEQUER PLATE			
3.5mm	1219 x 2438	★	☆
4.5mm	1219 x 2438	★	☆
	1524 x 3000	★	☆
6mm	1219 x 2438	★	☆
	1219 x 6000	★	☆
	1524 x 3000	★	☆
HRAP CHEQUER PLATE COIL			
3.5mm	1219	★	☆
4.5mm	1219	★	☆
	1524	★	☆
6mm	1219	★	
	1524	★	

FLAT PRODUCTS

PLATE PROCESSING FACILITIES

Midway Metals has state of the art Plasma Cutting facilities, capable of cutting Stainless Steel from 2mm to 80mm in thickness. All machines are linked to the latest Fastcam Computer Software, with full Nesting facilities including standard developments of cones, square to rounds, branches and Lobster Back bends.

The advantages of using Midway Metals processing include:

- Australia's largest capacity for plasma cut plate processing with facilities in Brisbane, Sydney, Melbourne and Perth.
- Versatility of cutting widths and lengths. We can handle large dimensional plates ensuring large profiles are supplied in one piece.
- DXF files can be supplied by Computer Disc or by our email facility. DXF files can be emailed, saving time and ensuring quicker response to shut down/breakdown situations.
- Send all DXF files to plasma@midwaymetals.com.au
- Tolerances and finishes have been improved due to advancements in technology. Increased cutting capacity and metre rates has lead to more efficient costings for the client.
- We stock a wide variety of plate sizes and grades:
 - 304/304L
 - 316/316L
 - 321
 - 2101
 - 2205
 - 253MA
 - 3CR12 (1.4003)

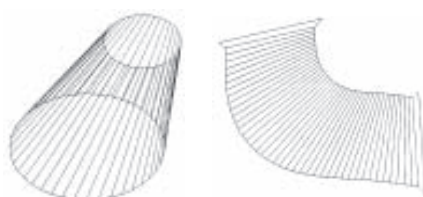


LOBSTER



RECTIRCLE

P BRANCH



CONE

STANDARD PLASMA TOLERANCES AS3902/ISO9002

Minimum Hole Size

A) Cut quality suitable.
To machine to finished size.
Not suitable for cut sizes.

THICKNESS	MIN. HOLE SIZE
<10mm	30mm DIA
>10mm <19mm	50mm DIA
>19mm <40mm	70mm DIA
>40mm <100mm	200mm DIA

B) Standard Cut Quality.

THICKNESS	MIN. HOLE SIZE
<10mm	60mm DIA
>10mm <19mm	80mm DIA
>19mm < 40mm	140mm DIA
>40mm < 100mm	200mm DIA

Minimum Width 25mm or 2 x thickness whichever is greater

Minimum Length 2 x thickness or 100mm which ever is greater

PLASMA CUTTING SHEETS & PLATES

Standard tolerances Acc. ASTM A480.

Note the Flatness levels quoted by this standard refer to the feed material and not to the product of the plasma cutting operation.

Plasma Cutting – Standard Production Tolerances – Cut Size

THICKNESS	OUTSIDE DIMENSION		INSIDE DIMENSION	
	<1500mm	>1500mm	<1500mm	>1500mm
<50mm	-1	-1	-5	-6
	+5	+9	+1	+1
>50mm	-1	-1	-6	-8
	+6	+8	+1	+1



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