

Bar production

Alloys and product forms

Alloy name	VDM Metals designation	Product forms available (all hot worked)			
		Rolled			Forged
		Rounds	Rectangles	Shapes	Rounds
Nickel base, age-hardenable					
718	VDM® Alloy 718	•	•	•	•
722	VDM® Alloy 722	•	•	•	
901	VDM® Alloy 901	•	•	•	•
C-263	VDM® Alloy C-263	•	•	•	
René 41®*	VDM® René 41*	•	•		
Waspaloy®**	VDM® Waspaloy**	•	•		
X-750	VDM® Alloy X-750	•	•	•	•
602 CA	VDM Alloy 602 CA®	•			
Nickel base, non-hardenable					
600	VDM® Alloy 600	•	•	•	•
617	VDM® Alloy 617	•	•	•	
625	VDM® Alloy 625	•	•	•	•
B2	VDM® Alloy B-2	•	•	•	•
C-22	VDM® Alloy 22	•	•	•	•
C-276	VDM® Alloy C-276	•	•	•	•
HB	VDM® Alloy HB	•	•	•	
HN	VDM® Alloy HN	•	•	•	
HW	VDM® Alloy HW	•	•	•	
S	VDM® Alloy S	•	•	•	•
X	VDM® Alloy X	•	•	•	•
N06230	VDM® Alloy N06230	•	•		•
Cobalt-chromium-nickel alloys					
L-605	VDM® Alloy 25	•	•	•	•
188	VDM® Alloy 188	•	•	•	
Other					
GSA	VDM® Alloy 29-18	•	•	•	

Production capabilities , cross-section sizes

Product	Diameter ¹ or width	Thickness
Round bar, rolled	0.375" – 4.0"	n/a
Round bar, forged	4.0" – 9.0"	n/a
Rectangle bar, rolled	0.5" – 15.0"	0.281" – 3.0"
Shape, rolled	0.5" – 4.5"	0.281" – 2.625"
Round or RCS billets, forged or rolled	Up to 12"	Up to 12"

¹ Maximum bar diameter for all alloys is 4" except:

718:	7.75"	René 41®*:	1.25"	X-750:	7"	625:	9"	C-276:	9"	X:	6.5"
901:	5.5"	Waspaloy®**:	2.5"	600:	6.25"	B2:	8"	S:	4.5"	L-605:	4.5"

Note: Production capabilities are general and can vary by alloy and specification. Please check for specifics if outside listed size limits. For minimum quantity, please inquire.

* Trademark of General Electric

** Trademark of United Technologies Corp.

Production capabilities, standard bar lengths

Finished diameter, In.	Finished bar length, Ft. (R/L)
≥ 0.750 to ≤ 2.125	15 – 17
> 2.125 to ≤ 2.500	14 – 16
> 2.500 to ≤ 3.065	11 – 13
> 3.065 to ≤ 4.000	10 – 12
4.250	14 – 16
4.500	12 – 14
4.750	16 – 18
5.000	15 – 17
5.250	13 – 15
5.500	12 – 14
5.750	15 – 17
6.000	14 – 16
6.250	13 – 15
6.500	12 – 14
6.750	16 – 18
7.000	15 – 17
8.000	10 – 12
9.000	8 – 10

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