

Cold Work Tool Steel

CM 79

1.2379 MOD High Reduction

Choice Of Material World

Which emerged with the modifications in reduction/ forging ratios and production process is the longest life time performance cold work tool steel far beyond a standard cold work tool steel in our country.

In addition to high toughness and excellent machinability, CM 79 has increased the life time of molds and parts by more than 4 times of conventional products and has taken its place in most areas of 1.2379 today.

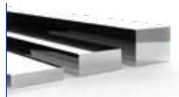


Shapes & Sizes



Rounds

Rolled 10 - 70 mm
Forged 75 - 650 mm



Flats

Square 80 - 400 mm
Flat 10 - 100 x 80 - 610 mm
Block 70 - 500 x 100 - 1,210 mm

Chemical Composition

CM 79	DIN		Standart			Teslimat Sertliđi			Isıl İşlem Sonrası	
	-		DIN 17350			max. 255 HB			61 - 64 HRc	
	C	Si	Mn	P	S	Cr	Mo	V	Ni	
min	1,50	0,10	0,15	0,00	0,00	11,50	0,60	0,90	-	
max	1,60	0,40	0,45	0,03	0,03	12,00	0,80	1,10	-	



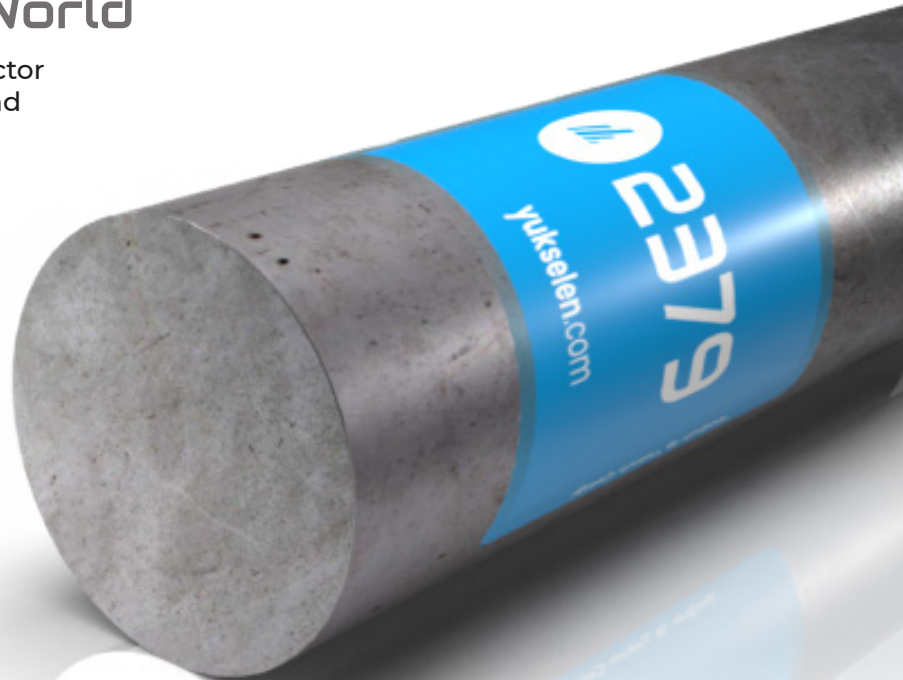
Cold Work Tool Steel

2379

1.2379 / DIN X153CrMoV12

Choice Of Material World

Yükselen is the market leader in 1.2379 sector and offer it's thousands of ready stocks and the most quality materials to customers.

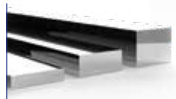


Shapes & Sizes



Rounds

Rolled 10 - 70 mm
Forged 70 - 800 mm



Flats

Square 80 - 400 mm
Flat 10 - 100 x 80 - 610 mm
Block 70 - 500 x 100 - 1,210 mm

Chemical Composition

1.2379	DIN		Standart			Teslimat Sertliği			Isıl İşlem Sonrası
	X153CrV12-1		DIN 17350			max. 255 HB			61 - 64 HRC
	C	Si	Mn	P	S	Cr	Mo	V	
min	1,50	0,10	0,15	0,00	0,00	11,00	0,60	0,90	
max	1,60	0,40	0,45	0,03	0,03	12,00	0,80	1,10	

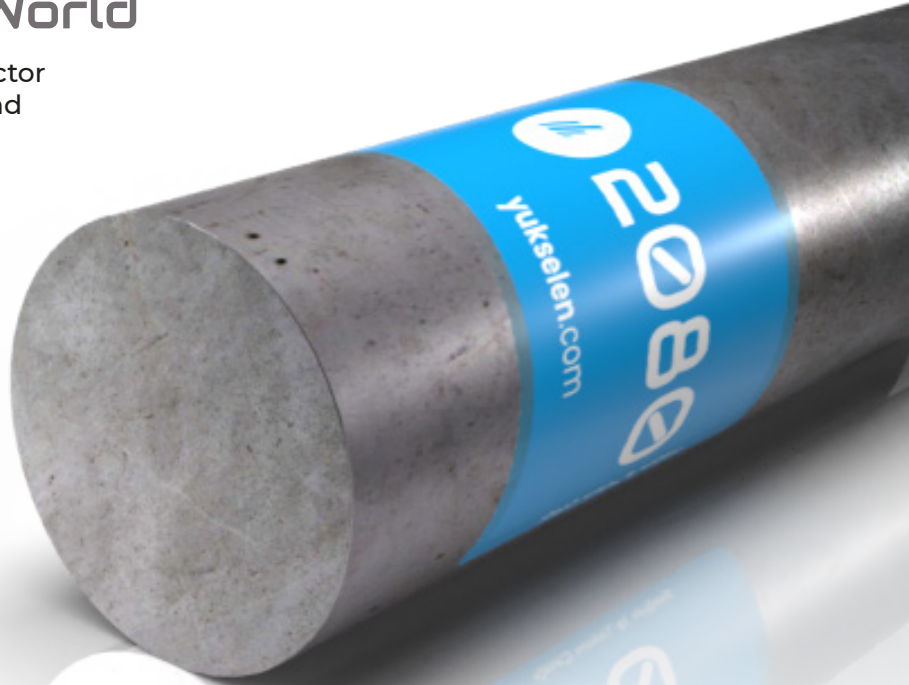
Cold Work Tool Steel

2080

1.2080 / DIN X120Cr12

Choice Of Material World

Yükselen is the market leader in 1.2379 sector and offer it's thousands of ready stocks and the most quality materials to customers.

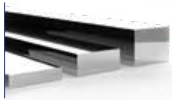


Shapes & Sizes



Rounds

Rolled 10 - 70 mm
Forged 70 - 800 mm



Flats

Square 80 - 400 mm
Flat 10 - 100 x 80 - 610 mm
Block 70 - 500 x 100 - 1,210 mm

Chemical Composition

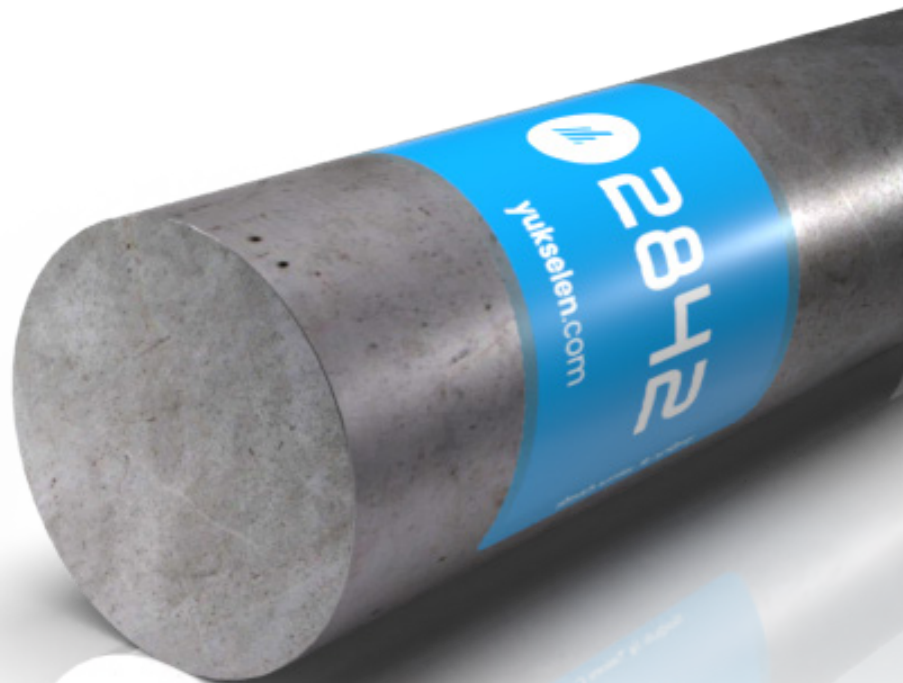
1.2080	DIN		Standart			Teslimat Sertliği			Isıl İşlem Sonrası
	X210Cr12		DIN 17350			max. 248 HB			62 - 64 HRC
	C	Si	Mn	P	S	Cr	Mo	Ni	
min	1,90	0,10	0,15	0,00	0,00	11,00	-	-	
max	2,20	0,40	0,45	0,03	0,03	12,00	-	-	



Cold Work Tool Steel

2842

1.2842 / DIN 90MnCrV8

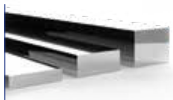


Shapes & Sizes



Rounds

Rolled 10 - 70 mm
Forged 70 - 800 mm



Flats

Square 80 - 400 mm
Flat 10 - 100 x 80 - 610 mm
Block 70 - 500 x 100 - 1,210 mm

Chemical Composition

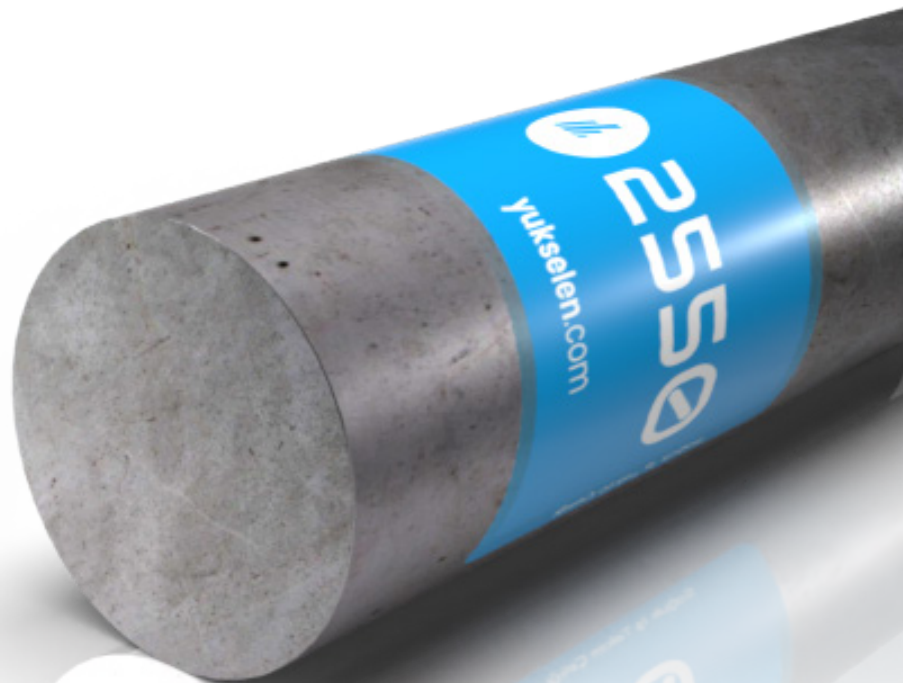
1.2842	DIN		Standart			Teslimat Sertliđi			Isıl İşlem Sonrası	
	90MnCrV8		DIN 17350			max. 229 HB			60 - 64 HRc	
	C	Si	Mn	P	S	Cr	V	Mo	Ni	
min	0,85	0,10	1,90	0,00	0,00	0,20	0,05	-	-	
max	0,95	0,40	2,10	0,03	0,03	0,50	0,15	-	-	



Cold Work Tool Steel

2550

1.2550 / DIN 60WCrV8



Shapes & Sizes



Rounds

Rolled 2 - 125 mm
Forged 75 - 500 mm

Chemical Composition

1.2550	DIN		Standart			Teslimat Sertliđi			Isıl İřlem Sonrası
	60WCrV7		DIN 17350			max. 229 HB			58 - 60 HRc
	C	Si	Mn	P	S	Cr	V	W	
min	0,55	0,50	0,15	0,00	0,00	0,90	0,10	1,80	
max	0,65	0,70	0,45	0,03	0,03	1,20	0,20	2,10	



Cold Work Tool Steel

Other Cold Work Tool Steel

 2767

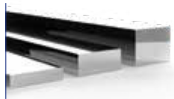
 2436

Shapes & Sizes



Rounds

Rolled 10 - 70 mm
Forged 70 - 800 mm



Flats

Square 80 - 400 mm
Flat 10 - 100 x 80 - 610 mm
Block 70 - 500 x 100 - 1,210 mm

Chemical Composition

1.2767	DIN			Standart			Teslimat Sertliđi			Isıl İşlem Sonrası
	x45NiCrMo4			DIN 17350			max. 262 HB			52 - 55 HRc
	C	Si	Mn	P	S	Cr	Mo	Ni		
min	0,40	0,10	0,15	0,00	0,00	1,20	0,15	3,80		
max	0,50	0,40	0,45	0,03	0,03	1,50	0,35	4,30		

1.2436	DIN			Standart			Teslimat Sertliđi			Isıl İşlem Sonrası
	X210CrW12			DIN 17350			max. 255 HB			62 - 64 HRc
	C	Si	Mn	P	S	Cr	Mo	Ni		
min	2,00	0,10	0,15	0,00	0,00	11,00	0,60	-		
max	2,25	0,40	0,45	0,03	0,03	12,00	0,80	-		



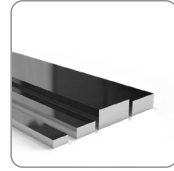
/// PRODUCT CATALOG

COLD WORK TOOL STEEL

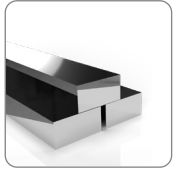
ROUND



FLAT

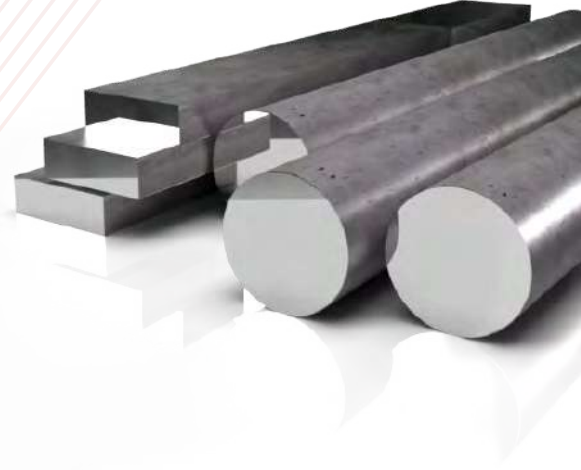


BLOCK



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