

Quality	X15CrMo5-1			
According to Standard	EN 10269 : 2013 (E)			
Number	1.739			
 KRANTI INDUSTRIAL METAL SUPPLIER LLP				
Comparable Standards	EN	W.N.		
	X15CrMo5-1	1.7390		
Chemical Analysis	C %	Si % max	Mn %	
	≤ 0.18	≤ 0.40	0.30 - 0.80	
	B	Cr %	Mo %	
	-	4.0 - 6.0	0.45 - 0.65	
	P% max	S% max	Altot	
	0.025	0.015	-	
	Ni %	V %	Others	
	-	-	-	
Guidance for Heat Treatment				
Heat Treatment Symbol ^a	Normalizing, quenching or Solution annealing temperature °C	Type of cooling ^b	Tempering or precipitation treatment (and time) °C	
+ NT	925 to 975	a	690 to 750	
+ QT	925 to 975	o	690 to 750	
Mechanical Properties at Room Temperature				
Heat Treatment Condition ^a	Hardness	Diameter ^c	Proof Strength	Tensile strength
	HBW max	d mm	Rp0,2 Mpa min.	Rm Mpa
+ NT or + QT	-	d ≤ 160	420	640 to 780
	Elongation after fracture A % min.	Reduction in area Z % min.	Impact energy(ISO- KV2 J min.	
	14	45	40	