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**NOCKERS**  
 ENGINEERING PRODUCTS

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### TYPICAL GRADES SUITABLE FOR THIS APPLICATION

Category	Cross References						Chemical Analysis (Acc. to ASTM )					Tensile Properties (Acc. To ASTM)			
Structure	ACI/Cast	Cast ASTM	Cast EN/DIN	Cast UNS	Wrought UNS	Wrought Grade	C	Cr	Ni	Mo	Other	Rp <sub>0.2</sub> [MPa]	Rm [MPa]	A %	Hardness [HB]
Martensitic	CPCA15	A426	1.4008 GX8CrNi13	J91150	S41000	AISI 410	<0.15	11.5-14.0	-	<0.5		450	620	18	<225
Martensitic	CA6NM	A352, A487, A757	1.4313 GX5CrNi134	J91540	S41500	13-4, F6NM	<0.06	11.5-14.0	3.5-4.5	0.4-1.0		550	760-930	15	230-300
Austenitic	CPF3	A451	1.4306 X2CrNi19-11	J92500	S30403	AISI 304L	<0.03	17.0-21.0	8.0-21.0	<0.5		205	485	35	140-200
Austenitic	CPF8	A451	1.4308 GX6CrNi189	J92600	S30400	AISI 304	<0.08	18.0-21.0	8.0-11.0	<0.5		205	485	35	140-200
Austenitic	CPF3M	A451	1.4404/1.4409 X2CrNiMo17-12-2	J92800	S31603	AISI 316L	<0.03	17.0-21.0	9.0-13.0	2.0-3.0		205	485	30	140-200
Austenitic	CPF8M	A451	1.4408 GX6CrNiMo18-10	J92900	S31600	AISI 316	<0.08	18.0-21.0	9.0-12.0	2.0-3.0		205	485	30	140-200
Duplex/ Superduplex	SAF 2304®	-	1.4362	S32304	-	SAF 2304	<0.03	21.5-24.5	3.0-5.5	0.05-0.6	0.05-0.2N	400	600-820	25	180-250
Duplex/ Superduplex	CD3MN	A890, A995	1.4470 GX2CrNiMoN22-5	J92205	S31803	SAF 2205, F51	<0.03	21.0-23.5	4.5-6.5	2.5-3.5	0.1-0.3N	415	620	25	200-260
Duplex/ Superduplex	CE3MN	A890, A995	1.4469 GX2CrNiMoN26-7	J93404	S32750	SAF 2507®, F53	<0.03	24.0-26.0	6.0-8.0	4.0-5.0	0.1-0.3N	515	690	18	200-280
Duplex/ Superduplex	CD3MWCuN	A890, A995	-	J93380	S39276	ZERON 100®, F55	<0.03	24.0-26.0	6.5-8.5	3.0-4.0	0.5-1.0Cu, 0.5-1.0W, 0.2-0.3N	450	690	25	220-280