

HIGH TENSILE STEEL – X9940 (EN26)

RELATED SPECIFICATIONS:

Australia	AS 1444-2007 – X9940
Germany	W.Nr 1.6745 40NiCrMo10 4
Great Britain	BS970: Part 3: 1991 826M40
	BS970: 1955 – EN26

DESCRIPTION:

X9940 is similar to X9931 but has a higher carbon content. It is usually supplied in the hardened and tempered condition in the tensile range 1080-1230 Mpa.

APPLICATIONS:

The steel is suited to applications where high surface pressures exist and friction is to be resisted as in the case of severely loaded gears, axles and pinions.

TYPICAL CHEMICAL ANALYSIS:

C %	Si %	Mn %	Cr %	Ni %	Mo %
0.40	0.25	0.60	0.65	2.50	0.55

SIZES AVAILABLE:

Round Turned/Polished h11: (mm)

25	25.4	28.5	31.7	36	38.1	39	42	44.45	55	57.1	66	75
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Round Peeled and Black: (mm)

80	90	100	105	110	120	130	140	150	160	170	180	190	195	200
220	230	240	260	290	320	350								

COLOUR CODE: BLACK AND JADE END

