



## THE FIVE STANDARD ADI GRADES PER ASTM A897/A897M-16

### *Inch-Pound Units*

GRADE	TENSILE* STRENGTH (KSI)	YIELD* STRENGTH (KSI)	ELONGATION* (%)	TYPICAL HARDNESS (HBW)
Grade 1 130-90-09	130	90	9	269-341
Grade 2 150-110-07	150	110	7	302-375
Grade 3 175-125-04	175	125	4	341-444
Grade 4 200-155-02	200	155	2	388-477
Grade 5 230-185-01	230	185	1	402-512

### *SI Units*

GRADE	TENSILE* STRENGTH (MPA)	YIELD* STRENGTH (MPA)	ELONGATION* (%)	TYPICAL HARDNESS (HBW)
Grade 1 900-650-09	900	650	9	269-341
Grade 2 1050-750-07	1050	750	7	302-375
Grade 3 1200-850-04	1200	850	4	341-444
Grade 4 1400-1100-02	1400	1100	2	388-477
Grade 5 1600-1300-01	1600	1300	1	402-512

\*MINIMUM VALUES

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Issued: 08-24-2016

Reference Document: ASTM A897/897M-16 Standard Specification for Austempered Ductile Iron