

Blank No.	Size Range	Taper Shank	MT		PT		T		WT		YT	
			O.A.L.	MAX. FL.	O.A.L.	MAX.FL.	O.A.L.	MAX.FL.	O.A.L.	MAX.FL.	O.A.L.	MAX.FL.
25	.235-.250	1	4 ⁵ / ₈	1 ³ / ₈	5 ³ / ₈	2 ¹ / ₈	6 ¹ / ₈	2 ⁷ / ₈	7 ¹ / ₄	4	8 ¹ / ₂	5 ¹ / ₄
128	1.251-1.281	4	10	4 ³ / ₈	12 ¹ / ₈	6 ¹ / ₂	14 ¹ / ₈	8 ¹ / ₂	16 ¹ / ₈	10 ¹ / ₂	17 ¹ / ₈	12 ¹ / ₄
131	1.282-1.313	4	10	4 ³ / ₈	12 ¹ / ₈	6 ¹ / ₂	14 ¹ / ₄	8 ⁵ / ₈	16 ¹ / ₈	10 ¹ / ₂	17 ¹ / ₈	12 ¹ / ₄
134	1.314-1.344	4	10 ¹ / ₈	4 ¹ / ₂	12 ³ / ₈	6 ³ / ₄	14 ³ / ₈	8 ³ / ₄	16 ³ / ₈	10 ³ / ₄	18 ¹ / ₈	12 ¹ / ₂
137	1.344-1.375	4	10 ¹ / ₈	4 ¹ / ₂	12 ³ / ₈	6 ³ / ₄	14 ¹ / ₂	8 ¹ / ₈	16 ³ / ₈	10 ³ / ₄	18 ¹ / ₈	12 ¹ / ₂
140	1.376-1.406	4	10 ³ / ₈	4 ³ / ₄	12 ⁵ / ₈	7	14 ⁵ / ₈	9	16 ⁵ / ₈	11	18 ³ / ₈	12 ³ / ₄
143	1.407-1.437	4	10 ³ / ₈	4 ³ / ₄	12 ⁵ / ₈	7	14 ⁵ / ₈	9	16 ⁵ / ₈	11	18 ³ / ₈	12 ³ / ₄
146	1.438-1.468	4	10 ¹ / ₂	4 ⁷ / ₈	12 ⁷ / ₈	7 ¹ / ₄	14 ⁷ / ₈	9 ¹ / ₄	16 ⁷ / ₈	11 ¹ / ₄	18 ⁵ / ₈	13
150	1.469-1.468	4	10 ¹ / ₂	4 ⁷ / ₈	12 ⁷ / ₈	7 ¹ / ₄	15	9 ³ / ₈	16 ⁷ / ₈	11 ¹ / ₄	18 ⁵ / ₈	13
153	1.501-1.531	5	11 ¹ / ₈	4 ⁷ / ₈	14 ¹ / ₄	7 ¹ / ₄	16 ³ / ₈	9 ³ / ₈	18 ¹ / ₂	11 ¹ / ₂	20 ¹ / ₂	13 ¹ / ₂
153-S	1.501-1.531	4	10 ¹ / ₂	4 ⁷ / ₈	12 ⁷ / ₈	7 ¹ / ₄	15	9 ³ / ₈	17 ¹ / ₈	11 ¹ / ₂	19 ¹ / ₈	13 ¹ / ₂
156	1.532-1.562	5	11 ¹ / ₈	4 ⁷ / ₈	14 ¹ / ₄	7 ¹ / ₄	16 ³ / ₈	9 ³ / ₈	18 ¹ / ₂	11 ¹ / ₂	20 ¹ / ₂	13 ¹ / ₂
156-S	1.532-1.562	4	10 ¹ / ₂	4 ⁷ / ₈	12 ⁷ / ₈	7 ¹ / ₄	15 ¹ / ₄	9 ³ / ₈	17 ¹ / ₈	11 ¹ / ₂	19 ¹ / ₈	13 ¹ / ₂
159	1.563-1.593	5	11 ¹ / ₈	4 ⁷ / ₈	14 ¹ / ₂	7 ¹ / ₂	16 ¹ / ₈	9 ¹ / ₈	18 ³ / ₄	11 ³ / ₄	20 ¹ / ₄	13 ³ / ₄
159-S	1.563-1.593	4	10 ¹ / ₂	4 ⁷ / ₈	13 ³ / ₈	7 ¹ / ₂	15 ¹ / ₂	9 ¹ / ₈	17 ³ / ₈	11 ³ / ₄	19 ¹ / ₈	13 ³ / ₄
162	1.594-1.625	5	11 ¹ / ₈	4 ⁷ / ₈	14 ¹ / ₂	7 ¹ / ₂	17	10	18 ³ / ₄	11 ³ / ₄	20 ³ / ₄	13 ³ / ₄
162-S	1.594-1.625	4	10 ¹ / ₂	4 ⁷ / ₈	13 ¹ / ₈	7 ¹ / ₂	15 ⁵ / ₈	10	17 ³ / ₈	11 ³ / ₄	19 ³ / ₈	13 ³ / ₄
165	1.626-1.656	5	12 ¹ / ₈	5 ¹ / ₈	14 ³ / ₄	7 ³ / ₄	17 ¹ / ₈	10 ¹ / ₈	19	12	21	14
165-S	1.626-1.656	4	10 ¹ / ₄	5 ¹ / ₈	13 ³ / ₈	7 ³ / ₄	15 ³ / ₄	10 ¹ / ₈	17 ⁵ / ₈	12	19 ⁵ / ₈	14
168	1.657-1.687	5	12 ¹ / ₈	5 ¹ / ₈	14 ³ / ₄	7 ³ / ₄	17 ¹ / ₈	10 ¹ / ₈	19	12	21	14
168-S	1.657-1.687	4	10 ¹ / ₄	5 ¹ / ₈	13 ³ / ₈	7 ³ / ₄	15 ³ / ₄	10 ¹ / ₈	17 ⁵ / ₈	12	19 ⁵ / ₈	14
171	1.688-1.718	5	12 ¹ / ₈	5 ¹ / ₈	14 ³ / ₄	7 ³ / ₄	17 ¹ / ₈	10 ¹ / ₈	19 ¹ / ₄	12 ¹ / ₄	21 ¹ / ₄	14 ¹ / ₄
171-S	1.688-1.718	4	10 ³ / ₄	5 ¹ / ₈	13 ³ / ₈	7 ³ / ₄	15 ³ / ₄	10 ¹ / ₈	17 ¹ / ₈	12 ¹ / ₄	19 ¹ / ₈	14 ¹ / ₄
175	1.719-1.750	5	12 ¹ / ₈	5 ¹ / ₈	14 ³ / ₄	7 ³ / ₄	17 ¹ / ₈	10 ¹ / ₈	19 ¹ / ₄	12 ¹ / ₄	21 ¹ / ₄	14 ¹ / ₄
175-S	1.719-1.750	4	11	5 ¹ / ₈	13 ⁵ / ₈	7 ³ / ₄	16 ¹ / ₄	10 ³ / ₈	18 ¹ / ₈	12 ¹ / ₄	20 ¹ / ₈	14 ¹ / ₄
178	1.751-1.781	5	12 ³ / ₈	5 ³ / ₈	15	8	17 ¹ / ₈	10 ¹ / ₈	19 ³ / ₈	12 ³ / ₈	21 ¹ / ₂	14 ¹ / ₂
178-S	1.751-1.781	4	11 ¹ / ₄	5 ³ / ₈	13 ³ / ₈	8	16 ¹ / ₄	10 ³ / ₈	18 ¹ / ₄	12 ³ / ₈	20 ³ / ₈	14 ¹ / ₂
181	1.782-1.812	5	12 ³ / ₈	5 ³ / ₈	15	8	17 ¹ / ₈	10 ¹ / ₈	19 ³ / ₈	12 ³ / ₈	21 ¹ / ₂	14 ¹ / ₂
181-S	1.782-1.812	4	11 ¹ / ₄	5 ³ / ₈	13 ³ / ₈	8	16 ¹ / ₄	10 ³ / ₈	18 ¹ / ₄	12 ³ / ₈	20 ³ / ₈	14 ¹ / ₂
184	1.813-1.843	5	12 ³ / ₈	5 ³ / ₈	15	8	17 ¹ / ₈	10 ¹ / ₈	19 ¹ / ₂	12 ¹ / ₂	21 ¹ / ₂	14 ¹ / ₂
184-S	1.813-1.843	4	11 ¹ / ₄	5 ³ / ₈	13 ³ / ₈	8	16 ¹ / ₄	10 ³ / ₈	18 ¹ / ₈	12 ¹ / ₂	20 ³ / ₈	14 ¹ / ₂
187	1.844-1.875	5	12 ³ / ₈	5 ³ / ₈	15	8	17 ³ / ₈	10 ³ / ₈	19 ¹ / ₂	12 ¹ / ₂	21 ¹ / ₂	14 ¹ / ₂
187-S	1.844-1.875	4	11 ³ / ₈	5 ³ / ₈	14	8	16 ¹ / ₂	10 ¹ / ₂	18 ¹ / ₂	12 ¹ / ₂	20 ¹ / ₂	14 ¹ / ₂
190	1.876-1.906	5	12 ³ / ₈	5 ³ / ₈	15 ¹ / ₈	8 ¹ / ₈	17 ³ / ₈	10 ³ / ₈	19 ¹ / ₈	12 ³ / ₈	21 ³ / ₈	14 ³ / ₈
190-S	1.876-1.906	4	11 ⁵ / ₈	5 ³ / ₈	14 ¹ / ₈	8 ¹ / ₈	16 ¹ / ₂	10 ¹ / ₂	18 ⁵ / ₈	12 ⁵ / ₈	20 ⁵ / ₈	14 ⁵ / ₈
193	1.907-1.937	5	12 ⁵ / ₈	5 ⁵ / ₈	15 ¹ / ₈	8 ¹ / ₈	17 ³ / ₈	10 ³ / ₈	19 ¹ / ₈	12 ⁵ / ₈	21 ⁵ / ₈	14 ⁵ / ₈
193-S	1.907-1.937	4	11 ⁵ / ₈	5 ⁵ / ₈	14 ¹ / ₈	8 ¹ / ₈	16 ³ / ₈	10 ⁵ / ₈	18 ⁵ / ₈	12 ⁵ / ₈	20 ⁵ / ₈	14 ⁵ / ₈
196	1.938-1.968	5	12 ⁵ / ₈	5 ⁵ / ₈	15 ¹ / ₈	8 ¹ / ₈	17 ³ / ₈	10 ³ / ₈	19 ¹ / ₈	12 ⁵ / ₈	21 ⁵ / ₈	14 ⁵ / ₈
196-S	1.938-1.968	4	11 ⁵ / ₈	5 ⁵ / ₈	14 ¹ / ₈	8 ¹ / ₈	16 ³ / ₈	10 ⁵ / ₈	18 ⁵ / ₈	12 ⁵ / ₈	20 ⁵ / ₈	14 ⁵ / ₈
200	1.969-2.000	5	12 ⁵ / ₈	5 ⁵ / ₈	15 ¹ / ₈	8 ¹ / ₈	17 ³ / ₈	10 ³ / ₈	19 ¹ / ₈	12 ⁵ / ₈	21 ⁵ / ₈	14 ⁵ / ₈
200-S	1.969-2.000	4	11 ⁵ / ₈	5 ⁵ / ₈	14 ¹ / ₈	8 ¹ / ₈	16 ³ / ₈	10 ⁵ / ₈	18 ⁵ / ₈	12 ⁵ / ₈	20 ⁵ / ₈	14 ⁵ / ₈
203	2.001-2.031	5	12 ⁷ / ₈	5 ⁷ / ₈	15 ¹ / ₈	8 ¹ / ₈	17 ³ / ₈	10 ³ / ₈	19 ¹ / ₈	12 ⁵ / ₈	21 ⁵ / ₈	14 ⁵ / ₈
206	2.032-2.062	5	13	5 ⁷ / ₈	15 ¹ / ₂	8 ¹ / ₈	17 ³ / ₈	10 ¹ / ₄	20	12 ⁷ / ₈	22	14 ⁷ / ₈
209	2.063-2.093	5	13	5 ⁷ / ₈	15 ¹ / ₂	8 ³ / ₈	17 ³ / ₈	10 ¹ / ₄	20	12 ⁷ / ₈	22	14 ⁷ / ₈
212	2.094-2.125	5	13	5 ⁷ / ₈	15 ¹ / ₂	8 ³ / ₈	17 ³ / ₈	10 ¹ / ₄	20	12 ⁷ / ₈	22	14 ⁷ / ₈
215	2.126-2.156	5	13 ¹ / ₈	6	15 ¹ / ₈	8 ¹ / ₂	17 ³ / ₈	10 ¹ / ₄	20 ¹ / ₈	13	22 ¹ / ₈	15
218	2.157-2.197	5	13 ¹ / ₈	6	15 ⁵ / ₈	8 ¹ / ₂	17 ³ / ₈	10 ¹ / ₄	20 ¹ / ₈	13	22 ¹ / ₈	15
221	2.198-2.218	5	13 ¹ / ₄	6	15 ¹ / ₄	8 ¹ / ₂	17 ³ / ₈	10 ¹ / ₈	20 ¹ / ₄	13	22 ¹ / ₄	15
225	2.219-2.250	5	13 ¹ / ₄	6	15 ³ / ₄	8 ¹ / ₂	17 ³ / ₈	10 ¹ / ₈	20 ¹ / ₄	13	22 ¹ / ₄	15
228	2.251-2.281	5	13 ¹ / ₂	6 ¹ / ₄	16	8 ³ / ₄	17 ³ / ₈	10 ¹ / ₈	20 ¹ / ₂	13 ¹ / ₄	22 ¹ / ₂	15 ¹ / ₄
231	2.282-2.312	5	13 ¹ / ₂	6 ¹ / ₄	16	8 ³ / ₄	17 ³ / ₈	10 ¹ / ₈	20 ¹ / ₂	13 ¹ / ₄	22 ¹ / ₂	15 ¹ / ₄
234	2.313-2.343	5	13 ¹ / ₂	6 ¹ / ₄	16	8 ³ / ₄	17 ³ / ₈	10 ¹ / ₈	20 ¹ / ₂	13 ¹ / ₄	22 ¹ / ₂	15 ¹ / ₄
237	2.344-2.375	5	13 ¹ / ₂	6 ¹ / ₄	16	8 ³ / ₄	17 ³ / ₈	10 ¹ / ₈	20 ¹ / ₂	13 ¹ / ₄	22 ¹ / ₂	15 ¹ / ₄
240	2.376-2.406	5	14	6 ¹ / ₂	16 ¹ / ₂	9	18 ¹ / ₄	11 ¹ / ₄	21 ¹ / ₈	13 ⁵ / ₈	23 ¹ / ₂	16
243	2.407-2.437	5	14	6 ¹ / ₂	16 ¹ / ₂	9	18 ¹ / ₄	11 ¹ / ₄	21 ¹ / ₈	13 ⁵ / ₈	23 ¹ / ₂	16
246	2.438-2.468	5	14	6 ¹ / ₂	16 ¹ / ₂	9	18 ¹ / ₄	11 ¹ / ₄	21 ¹ / ₈	13 ⁵ / ₈	23 ¹ / ₂	16
250	2.469-2.500	5	14	6 ¹ / ₂	16 ¹ / ₂	9	18 ¹ / ₄	11 ¹ / ₄	21 ¹ / ₈	13 ⁵ / ₈	23 ¹ / ₂	16
256	2.501-2.562	5	14 ⁵ / ₈	7	17 ¹ / ₈	9 ¹ / ₂	19 ¹ / ₂	11 ¹ / ₈	22	14 ³ / ₈	24 ³ / ₈	16 ³ / ₄
262	2.563-2.625	5	14 ⁵ / ₈	7	17 ¹ / ₈	9 ¹ / ₂	19 ¹ / ₂	11 ¹ / ₈	22	14 ³ / ₈	24 ³ / ₈	16 ³ / ₄
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