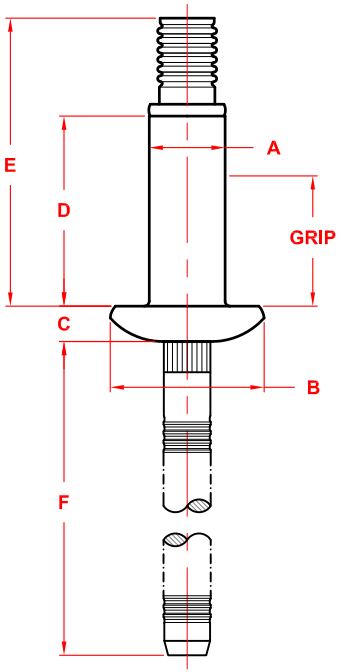
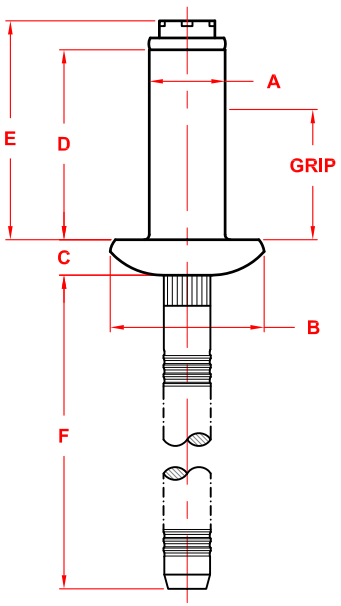
STANDARD VERSION



CLEARANCE VERSION



INCH / METRIC DIMENSIONS - **RIVET SPECIFICATIONS**

RIVET DIA	STANDARD P/N	CLEARANCE P/N	GRIP RANGE (in)	GRIP RANGE (mm)	HOLE SIZE (in)	A (in) BODY DIA	B (in) HEAD DIA	C (in) HEAD HEIGHT	D (in) BODY LENGHT	E (in) STANDARD BLIND SIDE DEPTH	E (in) CLEARANCE BLIND SIDE DEPTH	F (in) MANDREL PROTRUDE
			MIN - MAX	MIN - MAX	MIN - MAX	NOM	MAX	MAX	MAX	MAX	MAX	MIN
6 (3/16")	STB-6-2	STB-6-2C	.075 - .110	1.9 - 2.8	.191 - .201	.187	.395	.101	.325	.588	.403	1.084 | 1.079**
	STB-6-3	STB-6-3C	.087 - .150	2.2 - 3.8	.191 - .201	.187	.395	.101	.365	.668	.481	1.044 | 1.039**
	STB-6-4	STB-6-4C	.126 - .189	3.2 - 4.8	.191 - .201	.187	.395	.101	.404	.691	.505	1.060 | 1.055**
	STB-6-5	STB-6-5C	.165 - .228	4.2 - 5.8	.191 - .201	.187	.395	.101	.443	.730	.544	1.060 | 1.055**
	STB-6-6	STB-6-6C	.205 - .268	5.2 - 6.8	.191 - .201	.187	.395	.101	.483	.770	.584	1.060 | 1.055**
	STB-6-7	STB-6-7C	.244 - .307	6.2 - 7.8	.191 - .201	.187	.395	.101	.522	.809	.623	1.060 | 1.055**
	STB-6-8	STB-6-8C	.283 - .347	7.2 - 8.8	.191 - .201	.187	.395	.101	.562	.849	.663	1.060 | 1.055**
	STB-6-9	STB-6-9C	.323 - .386	8.2 - 9.8	.191 - .201	.187	.395	.101	.601	.888	.702	1.060 | 1.055**
	STB-6-10	STB-6-10C	.362 - .425	9.2 - 10.8	.191 - .201	.187	.395	.101	.640	.927	.741	1.060 | 1.055**
	STB-6-11	---	.402 - .465	10.2 - 11.8	.191 - .201	.187	.395	.101	.680	.967	---	1.060
	STB-6-12	---	.441 - .504	11.2 - 12.8	.191 - .201	.187	.395	.101	.719	1.006	---	1.060
	STB-6-13	---	.481 - .544	12.2 - 13.8	.191 - .201	.187	.395	.101	.759	1.046	---	1.060
	STB-6-14	---	.520 - .583	13.2 - 14.8	.191 - .201	.187	.395	.101	.798	1.085	---	1.060
8 (1/4")	STB-8-2	STB-8-2C	.060 - .138	1.5 - 3.5	.261 - .272	.253	.530	.125	.437	.773	.547	1.198
	STB-8-3	STB-8-3C	.110 - .189	2.8 - 4.8	.261 - .272	.253	.530	.125	.488	.860	.649	1.147
	STB-8-4	STB-8-4C	.150 - .229	3.8 - 5.8	.261 - .272	.253	.530	.125	.528	.940	.728	1.107
	STB-8-5	STB-8-5C	.189 - 268	4.8 - 6.8	.261 - .272	.253	.530	.125	.567	.912	.701	1.174
	STB-8-6	STB-8-6C	.229 - .308	5.8 - 7.8	.261 - .272	.253	.530	.125	.607	.947	.737	1.179
			.229 - .306*	5.8 - 7.8	.261 - .272	.253	.530	.125	.607	.947	.737	1.179
	STB-8-7	STB-8-7C	.268 - .346	6.8 - 8.8	.261 - .272	.253	.530	.125	.646	.986	.776	1.179
	STB-8-8	STB-8-8C	.308 - .387	7.8 - 9.8	.261 - .272	.253	.530	.125	.686	1.026	.816	1.179
	STB-8-9	STB-8-9C	.346 - .425	8.8 - 10.8	.261 - .272	.253	.530	.125	.725	1.065	.855	1.179
	STB-8-10	---	.387 - .466	9.8 - 11.8	.261 - .272	.253	.530	.125	.765	1.105	---	1.179
	STB-8-11	STB-8-11C	.425 - .504	10.8 - 12.8	.261 - .272	.253	.530	.125	.804	1.144	.934	1.179
	STB-8-12	---	.466 - .545	11.8 - 13.8	.261 - .272	.253	.530	.125	.844	1.184	---	1.179
	STB-8-13	STB-8-13C	.504 - .583	12.8 - 14.8	.261 - .272	.253	.530	.125	.883	1.223	1.013	1.179
	---	STB-8-16C	.622 - .701	15.8 - 17.8	.261 - .272	.253	.530	.125	1.002	---	1.132	1.178
	STB-8-18	---	.701 - .780	17.8 - 19.8	.261 - .272	.253	.530	.125	1.079	1.419	---	1.179
	STB-8-19	STB-8-19C	.141 - .820	18.8 - 19.8	.261 - .272	.253	.530	.125	1.120	1.460	1.250	1.179
			.740 - .819*	18.8 - 19.8	.261 - .272	.253	.530	.125	1.120	1.460	1.250	1.179
	---	STB-8-25C	.976 - 1.055	24.8 - 26.8	.261 - .272	.253	.530	.125	1.359	---	1.489	1.176
	---	STB-8-29C	1.134 - 1.213	28.8 - 30.8	.261 - .272	.253	.530	.125	1.512	---	1.642	1.179
	---	STB-8-31C	1.212 - 1.291	30.8 - 32.8	.261 - .272	.253	.530	.125	1.592	---	1.722	1.179
	STB-8-32	---	1.252 - 1.331	31.8 - 33.8	.261 - .272	.253	.530	.125	1.632	1.972	---	1.179
10 (5/16")	STB-10-3	---	.150 - .250	3.8 - 6.4	.3275 - .340	.316	.655	.152	.620	1.104	---	1.379
	STB-10-4	---	.200 - .300	5.1 - 7.6	.3275 - .340	.316	.655	.152	.670	1.154	---	1.379
	STB-10-5	---	.250 - .350	6.4 - 8.9	.3275 - .340	.316	.655	.152	.720	1.204	---	1.379
	STB-10-6	---	.300 - .400	7.6 - 10.2	.3275 - .340	.316	.655	.152	.770	1.254	---	1.379
	STB-10-7	---	.350 - .450	8.9 - 11.4	.3275 - .340	.316	.655	.152	.820	1.304	---	1.379
	STB-10-8	---	.400 - .500	10.2 - 12.7	.3275 - .340	.316	.655	.152	.870	1.354	---	1.379
	STB-10-9	---	.450 - .550	11.4 - 14.0	.3275 - .340	.316	.655	.152	.920	1.404	---	1.379
	STB-10-10	---	.500 - .600	12.7 - 15.2	.3275 - .340	.316	.655	.152	.970	1.454	---	1.379

NOTE 1: * = (STB-8-#C); NOTE 2: ** = (STB-6-#C)

PATENT# 10,844,893 B1 - Trademark: Suprabulb, Serial#0397800

REV	DESCRIPTION	DATE
B	Redrawn on new standard format	5.06.25
A	Drawing released	9.15.22

MATERIAL & FINISH SPEC'S

RIVET BODY	MAT'L	STEEL 1006/10B21/1022/1035
	HEAT TREAT	---
	SURF. TREAT	ZINC Cr3+ ROHS 3®µm MIN CLEAR CHROMATE
MANDREL	MAT'L	STEEL 1030/10B35/1045
	HEAT TREAT	---
	SURF. TREAT	ZINC Cr3+ ROHS 3®µm MIN CLEAR CHROMATE

****ALTERNATIVE FINISHES ARE INDICATED BY THE SUFFIX IN THE PART NUMBER AND ARE REFERENCED ON ORDER DOCUMENTS****

PROCESSING:

MTL RCPT → C.FORM1 → S/R → FINISH → ASS'Y → FQC → PACK

C.FORM2 → T/R → FINISH

REDRAWN: CCastañeda/9.12.22

APPROVED: JS/5.05.25

APPROVED: SS/5.06.25

APPROVED: xx/xx.xx.xx (rev.a1)

DESCRIPTION: **ALL STEEL SUPRABULB**

DIMENSIONS IN INCHES UNLESS OTHERWISE STATED. DIMENSIONS IN PARENTHESIS ARE FOR REFERENCE ONLY. REMOVE ALL BURRS & SHARP EDGES

ORIGINAL SHEET SIZE 8.5" X 11"

LIMITS UNLESS STATED: DECIMAL ±.015, ANGULAR ±2°, SURFACE TEXTURE 63 √(125)

RIVET KING®

35 MAPLE STREET
NORWOOD, NJ, 07648
TEL: (201) 750 1040
info@rivet.com

REV: B

AS NOTED ON CHART

PART# STB/STB/C SERIES

DWG#

SALES

SHEET: 1 OF 1

Industrial Rivet & Fastener Co.

CONFIDENTIALITY - THIS DRAWING AND THE INFORMATION IT CONTAINS ARE THE SOLE PROPERTY OF INDUSTRIAL RIVET & FASTENER CO. THIS DRAWING IS USED AS A SELLING AND/OR MANUFACTURING DEVICE WHICH MAY CONTAIN INFORMATION THAT IS PATENTED OR TRADEMARKED BY THE INDUSTRIAL RIVET & FASTENER CO. REPRODUCTION OR DISCLOSURE BY ANYONE, OF ANY PART OF THIS DRAWING OR INFORMATION THEREIN OR THE USE THEREOF FOR MAKING OTHER DRAWINGS AND/OR PRODUCTS IS STRICTLY PROHIBITED WITHOUT PRIOR WRITTEN CONSENT OF THE INDUSTRIAL RIVET & FASTENER CO.

CONTINUOUS IMPROVEMENT - INDUSTRIAL RIVET AND FASTENER CO. HAS CONTINUOUS IMPROVEMENT POLICIES/PROCEDURES IN PLACE AND THEREFORE RESERVES THE RIGHT TO CORRECT, CHANGE OR IMPROVE PRODUCTS AND/OR SPECIFICATIONS WITHOUT NOTICE, UNLESS DESIGNATED BY AN S-XXXX SUFFIX AS PART OF THE PART NUMBER. RESPONSIBILITY DUE TO DATA TABLE TYPOGRAPHICAL ERRORS ARE LIMITED TO THE CORRECTION AND RESUBMISSION OF THE DRAWING.