



PRODUCT DATA SHEET

20° Series Big Block Chevy Forged Pistons from JE

JE Pistons' latest addition to our vast lineup of BBC pistons are designed for 20° heads and are heavily-featured for performance and durability. Engineered, forged, and machined in-house in the USA using 2618-T6 aluminum, these BBC pistons are offered in nitrous and N/A dome configurations and cover bore sizes from 4.600" to 4.625".



20° BBC PISTON FEATURES

- **Contact Reduction Grooves** reduce operating friction and minimize pressure
- **Power Adder Accumulator Groove** provides increased accumulation area for gases that get past the top ring to help prevent ring flutter
- **Ultra-Groove with Vertical Gas Ports** provide consistent top compression ring seal
- **3D Undercrown Milling** for weight optimization
- **Radius Dome with Fire Slot** for improved flame travel and combustion efficiency
- **Broach Pin Oilers** with oil accumulation grooves keep wrist pin lubricated
- **Valve Pockets** designed to accommodate 2.450" intake valve
- **Designed for Robust Ring Pack** with .043" steel top ring and ductile iron Napier second ring and 3mm oil ring
- **18cc Dome for Nitrous and 23cc Dome for N/A**

For additional product data or technical questions,
contact JEproductdata@jepistons.com

20° SERIES BBC*Designed for Dart 20° Pro 1 (97cc chamber) and Brodix SR20 20° (95cc chamber)*

Part Number	CI	Bore	Stroke	C/R	CD	Dome Volume	Gram Weight	Recommended Ring Set
377854	582	4.600	4.375	14.5	1.060	18.0	572	CSH40105
377855	583	4.605	4.375	14.5	1.060	18.0	573	CSH40105
377856	584	4.610	4.375	14.5	1.060	18.0	574	CSH401015
377857	585	4.615	4.375	14.5	1.060	18.0	575	CSH401015
377858	588	4.625	4.375	14.5	1.060	18.0	576	CSH401030
377886	565	4.600	4.250	14.0	1.120	18.0	599	CSH40105
377889	566	4.605	4.250	14.0	1.120	18.0	600	CSH40105
377890	568	4.610	4.250	14.0	1.120	18.0	601	CSH401015
377887	569	4.615	4.250	14.0	1.120	18.0	602	CSH401015
377888	571	4.625	4.250	14.0	1.120	18.0	603	CSH401030
377891	598	4.600	4.500	14.8	1.155	18.0	614	CSH40105
377892	600	4.605	4.500	14.8	1.155	18.0	615	CSH40105
377893	601	4.610	4.500	14.8	1.155	18.0	616	CSH401015
377894	602	4.615	4.500	14.8	1.155	18.0	617	CSH401015
377895	605	4.625	4.500	14.8	1.155	18.0	618	CSH401030
377896	565	4.600	4.250	14.0	1.270	18.0	653	CSH40105
377897	566	4.605	4.250	14.0	1.270	18.0	654	CSH40105
377898	568	4.610	4.250	14.0	1.270	18.0	655	CSH401015
377899	569	4.615	4.250	14.0	1.270	18.0	656	CSH401015
377900	571	4.625	4.250	14.0	1.270	18.0	657	CSH401030
377901	582	4.600	4.375	15.3	1.060	23.0	578	JG7708-4600-5
377902	583	4.605	4.375	15.3	1.060	23.0	579	JG7708-4600-5
377903	584	4.610	4.375	15.3	1.060	23.0	580	JG7708-4610-5
377904	585	4.615	4.375	15.3	1.060	23.0	581	JG7708-4610-5
377905	588	4.625	4.375	15.3	1.060	23.0	582	JG7708-4625-5
377907	565	4.600	4.250	14.8	1.120	23.0	605	JG7708-4600-5
377908	566	4.605	4.250	14.8	1.120	23.0	606	JG7708-4600-5
377909	568	4.610	4.250	14.8	1.120	23.0	607	JG7708-4610-5
377910	569	4.615	4.250	14.8	1.120	23.0	608	JG7708-4610-5
377911	571	4.625	4.250	14.8	1.120	23.0	609	JG7708-4625-5
377912	598	4.600	4.500	15.6	1.155	23.0	619	JG7708-4600-5
377913	600	4.605	4.500	15.6	1.155	23.0	620	JG7708-4600-5
377914	601	4.610	4.500	15.6	1.155	23.0	621	JG7708-4610-5
377915	602	4.615	4.500	15.6	1.155	23.0	622	JG7708-4610-5
377916	605	4.625	4.500	15.6	1.155	23.0	623	JG7708-4625-5
377917	565	4.600	4.250	14.8	1.270	23.0	658	JG7708-4600-5
377918	566	4.605	4.250	14.8	1.270	23.0	659	JG7708-4600-5
377919	568	4.610	4.250	14.8	1.270	23.0	660	JG7708-4610-5
377920	569	4.615	4.250	14.8	1.270	23.0	661	JG7708-4610-5
377921	571	4.625	4.250	14.8	1.270	23.0	662	JG7708-4625-5