

Spark Plugs | Identification Table

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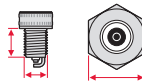
Iridium Plugs / Platinum Plugs / Nickel Plugs

IDENTIFYING DENSO SPARK PLUGS																																																														
F	K	20	H	R		11																																																								
S	XU	22		PR	-A	9																																																								
	KJ	20		CR	-L	11																																																								
Type of precious metal	Thread Diameter and Hex Size	Heat Range	Reach	Shape (Type)	Shape (Type)	Gap																																																								
D...Ø0.7 mm diameter iridium with 0.7mm needle type platinum	C ... 12×14.0	<table><tr><th>DENSO</th><th>NGK</th><th>CHAMPION</th><th>BOSCH</th></tr><tr><td>4</td><td></td><td></td><td></td></tr><tr><td>9</td><td>2</td><td>18</td><td>10</td></tr><tr><td>14</td><td>4</td><td>16/14</td><td>9</td></tr><tr><td>16</td><td>5</td><td>12/11</td><td>8</td></tr><tr><td>20/C16</td><td>6</td><td>10/9</td><td>7/6</td></tr><tr><td>22/C20</td><td>7</td><td>8/7</td><td>5</td></tr><tr><td>24/C22</td><td>8</td><td>6/63/61</td><td>4</td></tr><tr><td>27</td><td>9</td><td>4/59</td><td>3</td></tr><tr><td>29</td><td>9.5</td><td>57</td><td></td></tr><tr><td>31</td><td>10</td><td>55</td><td>2</td></tr><tr><td>32</td><td>10.5</td><td>53</td><td></td></tr><tr><td>34</td><td>11</td><td></td><td></td></tr><tr><td>35</td><td>11.5</td><td></td><td></td></tr></table>	DENSO	NGK	CHAMPION	BOSCH	4				9	2	18	10	14	4	16/14	9	16	5	12/11	8	20/C16	6	10/9	7/6	22/C20	7	8/7	5	24/C22	8	6/63/61	4	27	9	4/59	3	29	9.5	57		31	10	55	2	32	10.5	53		34	11			35	11.5			A ... 19.0 mm (Spark position: 7.0 mm) J16AR-U11	A.....Double ground electrodes W22EA	-A....Special specification SK16PR-A11	5.....0.5 mm (.020")
DENSO	NGK		CHAMPION	BOSCH																																																										
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E...Ø0.7 mm diameter iridium with 1.0 mm needle type platinum	L ... 18×22.2 (Reach: 12.7 mm)			A ... 21.5 mm S29A	AY...Double ground electrodes with bent shape J16AY	-B....Special specification K16PSR-B8	8.....0.8 mm (.032")																																																							
F...Ø0.55 mm diameter iridium with 0.7mm needle type platinum	MA... 18×20.6 (Taper seat, Reach: 12 mm)			B ... 19.0 mm (Spark position: 9.5 mm) J16BR-U	B.....Triple ground electrodes W22EB	-C....Cut-back ground electrode W27EMR-C	9.....0.9 mm (.035")																																																							
P...Ø1.1 mm diameter platinum with platinum tip	MW... 18×20.6 (Reach: 12 mm)			C ... 19.0 mm (Spark position: 5.0 mm) KJ20CR-L11	BG...Triple ground electrodes (shroud) SK20BGR11	-CY...Special specification FC16HR-CY9	10.....1.0 mm (.040")																																																							
S...Ø0.7 mm diameter platinum with platinum tip	Q ... 14×16.0 (Miniature plug)			D ... 20.5 mm (Shroud 2) K20DTR-S11	C.....Shroud 1.5 mm SXU22HCR11	-D....Copper-core Ground DK20PR-D13	11.....1.1 mm (.044")																																																							
SV,V,I ... Ø0.4 mm diameter iridium with platinum tip	QJ...14×16.0 (Projected Miniature plug)		E ... (With gasket)	C.....4.0 mm projected ZXU22HCR11	-E....Special specification SK16PR-E11	13.....1.3 mm (.050")																																																								
Z...Ø0.55 mm diameter platinum with platinum tip	QL...14×20.6 (Miniature long cylinder housing plug)		E ... (With gasket)	C.....5.0 mm projected SXB24HCF-D7	-F....Special specification SK16PR-F11	14.....1.4 mm (.055")																																																								
	S ... 14×20.6 (Surface gap plug (for RE engines))		E ... Shroud 2.0mm FXE20HE11	D..... 4 ground electrodes W27EDR	-G....Grease applied on to threads, for CNG SK20R8-G	15.....1.5 mm (.060")																																																								
	T ... 14×16.0 (Taper seat)		F ... 12.7 mm W20FP-U	D.....Projected (1.5 mm projection, spark position 3.5 mm) XU22HDR9	-GL...Platinum center electrode X22EPR-GL	<None>																																																								
	UE, 10×14		FE... 19.0 mm (Half thread) U24FER9	E.....Shroud: 2.0mm FXE20HE11	-L....Heat resistant ground electrode K20PR-L11	Cars: 0.8 mm																																																								
	W... 14×20.6 14×19.0 (Compact type)		G ... 22.0 mm (Shroud 3.0) PK20GR8	K.....Projected (1 mm projection) W16EKR-S11	-L.... 3.5 mm projected insulator for motorcycles W20FP-UL	M/C: 0.7 mm																																																								
	X ... 12×18.0		G ... 21.8 mm (Shroud 2.8) X27GPR-U	LM...Compact type (Hex 20.6 mm) W14LM-U	-L.... Retracted insulator for motorcycles W20FR-L	<Exceptions> P16R, PQ16R, PQ20R are 1.1 mm																																																								
	XB...12×Bi-Hex		H ... 26.5 mm K16HPR-U11	M.....Shortened insulator head length W27EMR-C	-M.... Larger ground electrode SK20PR-M11S																																																									
	XE...12×14.0		H ... 19.0 mm (Spark position: 8.5 mm) QJ16HR-U	M.....Compact type (Hex 19.0 mm) W20M-U	-N.... For Yamaha and Kawasaki U27ESR-N																																																									
	XU...12×16.0		L ... 11.2 mm W14L	P.....Projected (1.5 mm projection) W16EP-U	-P.... Double Platinum Ground Electrode SK20R-P11																																																									
	N ... 10×16.0		L ... Cilinder shape connector SXB24LCF-D6	Q.....Projected 2mm, Spark position 3.5mm	-P.... Single-sided platinum plug K16PR-P11																																																									
	U ... 10×16.0		N ... (Taper seat, Half thread)	R.....5Kohm resistor K16R-U	-Q.... Special Specification																																																									
	Y ... 8×13.0		N ... 17.5 mm T20NR-U11	S.....Non-projected (0 mm Projection) W22ES-U	-R.... 10K ohm resistor K22PR-UR																																																									
			V ... (Taper seat)	S.....Iridium on a single side KJ20SR11	-S.... Semi-surface gap discharge type W20EP-S11																																																									
			V ... 25.0 mm PT16VR13	T.....Double ground electrodes K16TR11	-S.... Stainless gasket U27FER9S																																																									
			V ... 25.0 mm PT16VR13	TM...Double ground electrodes K22TMR11	-T.... For LPG SK20HR8-T																																																									
			None... 9.5 mm W14M-U 11.2 mm L14-U, M24S 19.0 mm SK20R11 21.5 mm S29A	TN...Double ground electrodes K22TNR-S	-T.... Special specification FK20HBR11-T																																																									
			None... (Taper seat) 8.3 mm T20M-U 11.2 mm W14L	X.....Fully projected (2.5 mm Projection) W16EX-U	-TP...Taper-cut, single-side platinum plug K20PR-TP11																																																									
					-U.... U groove ground electrode K16PR-U																																																									
					-US...Star-shaped center electrode W20M-US																																																									
					-V.... 1.3 mm diameter, nickel center electrode W27ES-V																																																									

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Iridium Power, Tough & TT Series

IDENTIFYING DENSO SPARK PLUGS																																																	
I VF		U KH		27 20		A																																											
																																																	
High Performance Plug		Thread Diameter, Reach and Hex Size		Heat Range		Shape (Type)																																											
I..... Ø0.4 mm diameter iridium <POWER>	CH 12×26.5×14.0 K 14×19.0×16.0 KA 14×22.0 (Shroud 3.0)×16.0 (New Triple Electrodes) KB 14×19.0×16.0 (New Triple Electrodes) KBH .. 14×26.5×16.0 (New Triple Electrodes) KD 14×20.5 (Shroud 1.5)×16.0 KH 14×26.5×16.0 NH 10×19.0 (Half Thread)×16.0 Q 14×19.0×16.0 T 14×17.5 (Taper Seat)×16.0 TF..... 14×11.2 (Taper Seat)×16.0 TL..... 14×25.0 (Taper Seat)×16.0 (Long Insulator) TV 14×25.0 (Taper Seat) ×16.0W 14×19.0×20.6 U 10×19.0×16.0 UEH... 10×26.5×14 UF 10×12.7×16.0 UH 10×19.0 (Half Thread)×16.0 WF..... 14×12.7×20.6 WM ... 14×19.0×20.6 (Compact Insulator) X 12×19.0×18.0 XEH . . 12×26.5×14.0 XEHC..12x28.0 (shroud 1.5) 14.0 XEBH . 12×26.5×14.0 (New Triple Electrodes) XU ... 12×19.0×16.0 XG 12×21.8 (Shroud 2.8)×18.0 XUH .. 12×26.5×16.0 XUHC..12x28.0 (shroud 1.5) 16.0 Y 8×19.0 (Half Thread)×13.0	<table><tr><th>DENSO</th><th>NGK</th><th>CHAMPION</th><th>BOSCH</th></tr><tr><td>16</td><td>5</td><td>12/11</td><td>8</td></tr><tr><td>20/C16</td><td>6</td><td>10/9</td><td>7/6</td></tr><tr><td>22/C20</td><td>7</td><td>8/7</td><td>5</td></tr><tr><td>24/C22</td><td>8</td><td>6/63/61</td><td>4</td></tr><tr><td>27</td><td>9</td><td>4/59</td><td>3</td></tr><tr><td>29</td><td>9.5</td><td>57</td><td></td></tr><tr><td>31</td><td>10</td><td>55</td><td>2</td></tr><tr><td>32</td><td>10.5</td><td>53</td><td></td></tr><tr><td>34</td><td>11</td><td></td><td></td></tr><tr><td>35</td><td>11.5</td><td></td><td></td></tr></table>		DENSO	NGK	CHAMPION	BOSCH	16	5	12/11	8	20/C16	6	10/9	7/6	22/C20	7	8/7	5	24/C22	8	6/63/61	4	27	9	4/59	3	29	9.5	57		31	10	55	2	32	10.5	53		34	11			35	11.5			A..... Slant electrode, No U-Groove, No taper cut B..... Projected insulator (1.5 mm) C..... No U-Groove D..... No U-Groove, E..... Shroud: 2 mm ES... Stainless steel gasket F..... Copper Core Ground G..... Stainless steel gasket, Terminal one type I..... Spark position: 4 mm Projected insulator (1.5 mm) J..... Spark position: 5 mm K..... Spark position: 4 mm Projected insulator (2.5 mm) L..... Spark position: 5 mm T..... For LPG applications<PLUS> TT... TT series Y..... 0.8 mm gap Z..... Taper cut	
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