










# IRIDIUM TOUGH® Specifications

TYPE	SPEC	DIA. (mm)	REACH (mm)	HEX (mm)	GAP (mm)	PROJECTION (mm)	SPARK POSITION (mm)	SPARK ELECTRODE HEIGHT (mm)	TERMINAL SHAPE	RESISTOR (%)	No.	IRIDIUM TOUGH® ONE PC BOX		IRIDIUM TOUGH® 2pcs BLISTER PACK	
												BARCODE	DENSO P/N	BARCODE	DENSO P/N
VQ16	JIS	14	19	16	1.1	1.5	3.0	5.7	RC	5	V01	0 42511 05601 5	267700-0740	0 42511 02601 8	100676-3740
VQ20	JIS	14	19	16	1.1	1.5	3.0	5.7	RC	5	V02	0 42511 05602 2	267700-0750	0 42511 02602 5	100676-3750
VQ22	JIS	14	19	16	0.8	1.5	3.0	5.4	RC	5	V13	0 42511 05613 8	267700-0760	0 42511 02613 1	100676-3760
VK16	ISO	14	19	16	1.1	1.5	3.0	5.7	RC	5	V03	0 42511 05603 9	267700-0710	0 42511 02603 2	100676-3710
VK20	ISO	14	19	16	1.1	1.5	3.0	5.7	RC	5	V04	0 42511 05604 6	267700-0720	0 42511 02604 9	100676-3720
VK20Y	ISO	14	19	16	0.8	1.5	3.0	5.4	RC	5	V20	0 42511 05620 6	267700-3720	0 42511 02620 9	100676-3950
VK22	ISO	14	19	16	0.8	1.5	3.0	5.4	RC	5	V10	0 42511 05610 7	267700-0730	0 42511 02610 0	100676-3730
VK16G	ISO,SUS GASKET	14	19	16	1.1	1.5	3.0	5.7	S	5	V40	0 42511 05640 4	267700-5630		
VK20G	ISO,SUS GASKET	14	19	16	1.1	1.5	3.0	5.7	S	5	V41	0 42511 05641 1	267700-5640		
VK22G	ISO,SUS GASKET	14	19	16	0.8	1.5	3.0	5.4	S	5	V36	0 42511 05636 7	267700-5670	0 42511 02636 0	100676-5340
VKA16	NEW 3 ELECTRODE SHROUD	14	22	16	1.1	2.5	4.0	6.5	RC	5	V22	0 42511 05622 0	267700-5030	0 42511 02622 3	100676-5360
VKA20	NEW 3 ELECTRODE SHROUD	14	22	16	1.1	2.5	4.0	6.5	RC	5	V23	0 42511 05623 7	267700-5040	0 42511 02623 0	100676-5370
VKB16	NEW 3 ELECTRODE	14	19	16	1.1	2.5	4.0	6.5	RC	5	V24	0 42511 05624 4	267700-5050	0 42511 02624 7	100676-5380
VKB20	NEW 3 ELECTRODE	14	19	16	1.1	2.5	4.0	6.5	RC	5	V25	0 42511 05625 1	267700-5060	0 42511 02625 4	100676-5390
VKH16	Long Reach	14	26.5	16	1.1	1.5	3.0	5.7	RC	5	V17	0 42511 05617 6	267700-3680	0 42511 02617 9	100676-5250
VKH20	Long Reach	14	26.5	16	1.1	1.5	3.0	5.7	RC	5	V18	0 42511 05618 3	267700-3690	0 42511 02618 6	100676-5150
VKH20Y	Long Reach	14	26.5	16	0.8	1.5	3.0	5.4	RC	5	V39	0 42511 05639 8	267700-4540	0 42511 02639 1	100676-5260
VKH22	Long Reach	14	26.5	16	0.8	1.5	3.0	5.4	RC	5	V19	0 42511 05619 0	267700-2680	0 42511 02619 3	100676-5270
VW16		14	19	20.6	1.1	1.5	3.0	5.5	RC	5	V05	0 42511 05605 3	267700-0770	0 42511 02605 6	100676-3770
VW20		14	19	20.6	1.1	1.5	3.0	5.5	RC	5	V06	0 42511 05606 0	267700-0780	0 42511 02606 3	100676-3780
VW22		14	19	20.6	0.8	1.5	3.0	5.2	RC	5	V07	0 42511 05607 7	267700-0790	0 42511 02607 0	100676-3790
VT16		14	17.5	16	1.1	1.5	3.0	5.5	RC	5	V21	0 42511 05621 3	267700-2810	0 42511 02621 6	100676-5280
VT20		14	17.5	16	1.1	1.5	3.0	5.5	RC	5	V38	0 42511 05638 1	267700-4480	0 42511 02638 4	100676-5290
VXU22		12	19	16	0.9	1.3	2.8	5.0	RC	5	V08	0 42511 05608 4	267700-0800	0 42511 02608 7	100676-3800
VXU24		12	19	16	0.9	1.3	2.8	5.0	RC	5	V09	0 42511 05609 1	267700-0810	0 42511 02609 4	100676-3810

Spark gap example .....:For a 1.1 mm gap, set from 1.0 to 1.1 mm.  
 Insulator projection .....:Length from edge of side housing to top of insulator. The plus (+) direction is the distance from the edge to the piston head.  
 Spark position .....:Length from edge of side housing to top of center electrode. The plus (+) direction is the distance from the edge to the piston head.  
 Ground electrode height .....:Length from edge of side housing to top of ground electrode. The plus (+) direction is the distance from the edge to the piston head.  
 Terminal shapes .....:S: solid terminal, R: removable, RC: crimped nut, T: threaded

## A Choice of 25 Types to Realize High Performance and High Durability!!

PART NUMBER	CROSS REFERENCE	SMALL ENGINE	MOTOR CYCLE	EUROPE & USA	JAPAN	THAILAND	TAIWAN	SINGAPORE	SAUDIARABIA	PHILIPPINES	MALAYSIA	KOREA	INDONESIA	CHINA	MOTOR SPORTS	<b>VQ series</b> VQ16·VQ20·VQ22  Mainly for automobiles and trucks Small JIS-type plug Mounting base: 14 mm dia. ×L19 mm VQ22 can be used for upgrading performance if the gap is set to 0.8.	<b>VK series</b> VK16·VK20·VK22·VK20Y·VK16G·VK20G·VK22G  Mainly for automobiles and trucks ISO-compatible small plug Mounting base: 14 mm dia. ×L19 mm VK16G, VK20G, and VK22G have stainless steel gaskets. VK20Y has a gap of 0.8 and is mainly for use with turbo engine vehicles.	<b>VKA series</b> VKA16·VKA20  Corresponding to SK16, 20BGR11, and PK20GR8 Shroud-type Base length: 22 mm For TOYOTA D4 engine For Mitsubishi GDI engine	<b>VKB series</b> VKB16·VKB20  Corresponding to SK16BR11 and SK20BR11 Base length: 19 mm For TOYOTA D4 engine For Mitsubishi GDI engine
																<b>VKH series</b> VKH16·VKH20·VKH22·VKH20Y  For Subaru For Peugeot For Citroen For NISSAN For Renault For Mitsubishi For TOYOTA For ISUZU For Mercedes Benz, and others Thread length: 26.5 mm	<b>VW series</b> VW16·VW20·VW22  Mainly for automobiles and trucks Mounting screw: 14 mm dia. ×L19 mm	<b>VT series</b> VT16·VT20  For Mercedes Benz For MAZDA For Ford and other Tapered seat	<b>VXU series</b> VXU22·VXU24  Applicable for light vehicles Mounting base: 12 mm dia. ×L19 mm By fully projecting the insulator (1.5 mm), the heat range is widened and ignitability is improved.