



CATÁLOGO DE PRODUTOS
***DISCO DE
FREIO***



SUMÁRIO

Disco de Freio **Aplicações**

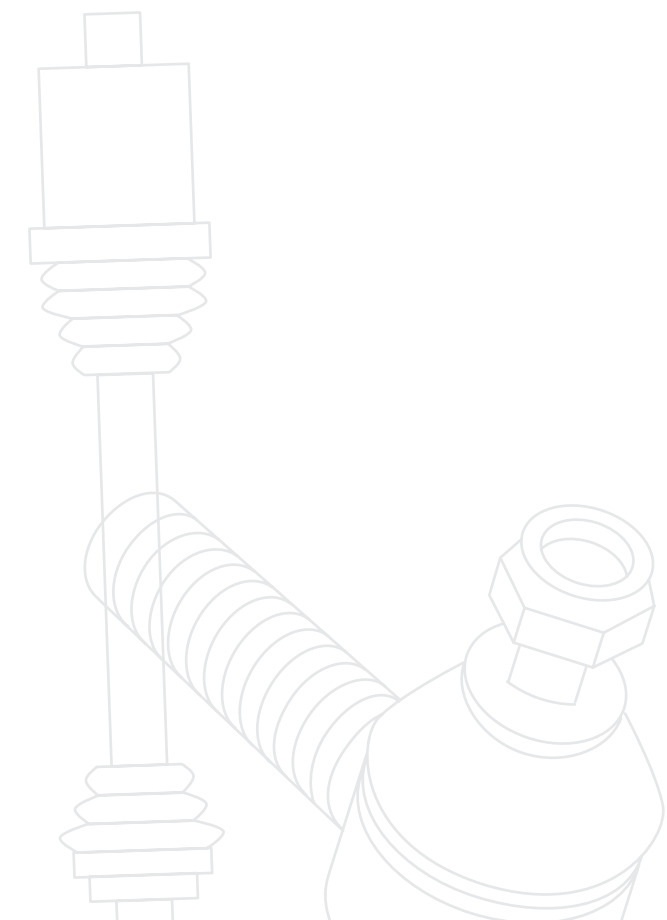
Applicazioni / Applications

03

Conversão

Conversioni / Cross Reference

78





APLICAÇÕES

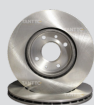
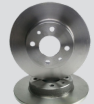
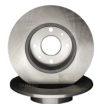
Applicazioni / Applications

Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
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ACURA

14DDN007		INTEGRA	1.8L 16V DOHC L4	1991	1992	VENTILADO		4	44,6mm	64,2mm	262mm	-	19mm
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ALFA ROMEO

01DDN053		145	1.8 L 16V DOHC L4	1996	1998	VENTILADO		4	41mm	59mm	257mm	-	-
			2.0 L 16V DOHC L4	1996	1998								
		155	2.0 L 16V DOHC L4	1995	1997								
				1996	1996								
01DDN054		155	2.0 L 16V DOHC L4	1995	1997	VENTILADO		4	43,5mm	59mm	284mm	-	-
				1996	1996								
01DTN041		145	1.8 L 16V DOHC L4	1996	1999	SÓLIDO	SÓLIDO	4	40mm	59mm	240mm	-	-
			2.0 L 16V DOHC L4	1996	1999								
		155	2.0 L 16V DOHC L4	1995	1998								
				1996	1995								
01DTR070A		164	3.0 L 12V SOHC V6	1988	1998		SÓLIDO	4	50,5mm	59,50mm	251mm	-	-
				1992	1992								
			3.0 L 24V DOHC V6	1992	1998								

ASIA MOTORS

18DDN003		TOPIC	2.7 L 8V SOHC L4	1997	1999	VENTILADO		6	55,80mm	-	258mm	-	-
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AUDI

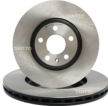
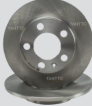
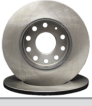
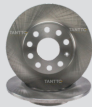
05DDN036		A3	1.4 L 16V DOHC L4	2013	2021	VENTILADO		9	49,50mm	-	340mm	-	-								
			1.8 L 16V DOHC L4	2014	2019																
			2.0 L 16V DOHC L4	2008	2024																
		S3	2.0 L 16V DOHC L4	2009	2016																
05DDN086		A3	1.8 L 20V DOHC L4	1996	2007	VENTILADO		5	36,5mm	65mm	280mm	-	19mm								
08DDN004		80 AVANT	2.8 L 12V SOHC V6	1992	1995	SÓLIDO		4	38,6mm	65mm	239mm	-	8mm								
08DDN007		A1	1.4 L 16V DOHC L4	2011	2018	VENTILADO		5	36,5mm	65mm	256mm	-	19mm								
			1.8 L 16V DOHC L4	2015	2018																
		A3	1.6 L 8V OHC L4	1999	2012																
			1.6 L 8V SOHC L4	1999	2006																
		TT	1.8 L 20V DOHC L4	2000	2006																



APLICAÇÕES

Applicazioni / Applications

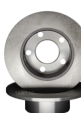
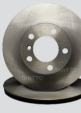
Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
08DDN013		A3	1.6 L 8V OHC L4	1999	2023	VENTILADO	5	50mm	65mm	280mm	-	19mm
			1.6 L 8V SOHC L4	1999	2007							
08DDN014		A3	1.4 L 16V DOHC L4	2013	2018	VENTILADO	5	50mm	65mm	288mm	-	22mm
			1.6 L 8V OHC L4	1997	2012							
			1.8 L 16V DOHC L4	2012	2016							
			2.0 L 16V DOHC L4	2005	2018							
		A3 SEDAN	1.4 L 16V DOHC L4	2014	2016							
			2.0 L 16V DOHC L4	2016	2024							
08DDN015		A1	2.0 L 16V DOHC L4	2012	2013	VENTILADO	5	49,6mm	65mm	312mm	-	22mm
		A3	1.4 L 16V DOHC L4	2013	2022							
			1.6 L 8V SOHC L4	2007	2007							
			1.8 L 16V DOHC L4	2012	2016							
			2.0 L 16V DOHC L4	2006	2024							
		A3 SEDAN	1.4 L 16V DOHC L4	2014	2016							
			2.0 L 16V DOHC L4	2015	2024							
		Q3	1.4 L 16V DOHC L4	2015	2019							
			2.0 L 16V DOHC L4	2012	2024							
		Q5	2.0 L 16V DOHC L4	2009	2012							
			3.2 L 24V DOHC V6	2009	2012							
		RSQ3	2.5 L 20V DOHC L5	2014	2018							
		TT	2.0 L 16V DOHC L4	2006	2018							
		TTRS	2.5 L 20V DOHC L5	2013	2015							
		TTS	2.0 L 16V DOHC L4	2008	2018							
08DDN016		A1	1.4 L 16V DOHC L4	2011	2018	VENTILADO	5	34,2mm	65mm	288mm	-	22mm
			1.8 L 16V DOHC L4	2015	2018							
			2.0 L 16V DOHC L4	2012	2013							
		A3	1.4 L 16V DOHC L4	2016	2018							
			1.8 L 20V DOHC L4	1997	2007							
		A3 SEDAN	1.4 L 16V DOHC L4	2016	2018							
08DDN019		A4	1.8 L 16V DOHC L4	2014	2016	VENTILADO	5	52mm	68mm	314mm	-	23mm
			2.0 L 16V DOHC L4	2008	2018							
			3.2 L 24V DOHC V6	2006	2012							

Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
08DDN019		A4 AVANT	1.8 L 16V DOHC L4	2015	2016	VENTILADO	5	52mm	68mm	314mm	-	23mm
			2.0 L 16V DOHC L4	2005	2020							
			3.2 L 24V DOHC V6	2008	2012							
		A5	1.8 L 16V DOHC L4	2014	2016							
			2.0 L 16V DOHC L4	2009	2018							
08DTR007		A1	1.4 L 16V DOHC L4	2011	2019	SÓLIDO	5	39,3mm	65mm	232mm	-	7mm
			1.8 L 16V DOHC L4	2015	2018							
			2.0 L 16V DOHC L4	2012	2013							
		A3	1.6 L 8V OHC L4	1997	2012							
			1.8 L 20V DOHC L4	1996	2007							
		TT	1.8 L 20V DOHC L4	1998	2006							
08DTR010		A3	1.6 L 8V OHC L4	2005	2012	SÓLIDO	9	48,3mm	65mm	260mm	-	10mm
			2.0 L 16V DOHC L4	2005	2014							
08DTR011		A1	1.4 L 16V DOHC L4	2012	2018	SÓLIDO	5	48mm	65mm	272mm	-	9mm
			2.0 L 16V DOHC L4	2012	2013							
		A3	1.4 L 16V DOHC L4	2013	2022							
			1.6 L 8V OHC L4	2004	2012							
			1.6 L 8V SOHC L4	2004	2007							
			1.8 L 16V DOHC L4	2012	2016							
		A3 SEDAN	1.4 L 16V DOHC L4	2014	2021							
			2.0 L 16V DOHC L4	2016	2021							
		TT	2.0 L 16V DOHC L4	2007	2014							
		TTRS	2.5 L 20V DOHC L5	2015	2015							
		TTS	2.0 L 16V DOHC L4	2008	2014							
08DTR015		A3	1.8 L 16V DOHC L4	2012	2014	SÓLIDO	5	48,2mm	65mm	282mm	-	10mm
			2.0 L 16V DOHC L4	2005	2014							
		Q3	1.4 L 16V DOHC L4	2017	2019							
			2.0 L 16V DOHC L4	2012	2018							
08DTR019		A4	1.8 L 16V DOHC L4	2014	2016	SÓLIDO	5	36,5mm	68mm	300mm	-	10mm
			2.0 L 16V DOHC L4	2008	2018							
			3.2 L 24V DOHC V6	2006	2012							
		A4 AVANT	1.8 L 16V DOHC L4	2015	2016							
			2.0 L 16V DOHC L4	2005	2020							
			3.2 L 24V DOHC V6	2008	2012							



APLICAÇÕES

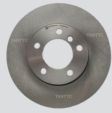
Applicazioni / Applications

Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
08DTR019		A5	2.0 L 16V DOHC L4	2009	2018	SÓLIDO	5	36,5mm	68mm	300mm	-	10mm
			3.2 L 24V DOHC V6	2007	2012							
		Q5	2.0 L 16V DOHC L4	2009	2017							
			3.0 L 24V DOHC V6	2013	2017							
			3.2 L 24V DOHC V6	2008	2012							
		SQ5	3.0 L 24V DOHC V6	2014	2020							
08DTR032		100	2.8 L 12V SOHC V6	1994	1994	SÓLIDO	5	63,9mm	68mm	245mm	-	8mm
		100 AVANT	2.2 L 20V DOHC L5	1994	1995							
		A6	2.4 L 30V DOHC V6	1998	2001							
			2.8 L 12V SOHC V6	1994	1997							
			2.8 L 30V DOHC V6	1997	2001							
			3.0 L 30V DOHC V6	2001	2018							
			3.2 L 24V DOHC V6	2004	2011							
		A6 ALLROAD	3.0 L 24V DOHC V6	2014	2017							
		A6 AVANT	2.4 L 30V DOHC V6	1999	2005							
			2.8 L 12V SOHC V6	1994	1997							
			2.8 L 30V DOHC V6	1998	1999							
			3.0 L 24V DOHC V6	2008	2012							
			4.2 L 32V DOHC V8	2006	2011							
		4.2 L 40V DOHC V8	2005	2006								
		ALLROAD	2.7 L 30V DOHC V6	2000	2005							
08DTR052		A3	1.8 L 16V DOHC L4	2012	2016	SÓLIDO	5	48,5mm	65mm	300mm	-	10mm
			2.0 L 16V DOHC L4	2017	2024							
		A3 SEDAN	1.4 L 16V DOHC L4	2014	2016							
			2.0 L 16V DOHC L4	2015	2024							
		Q3	1.4 L 16V DOHC L4	2015	2019							
			2.0 L 16V DOHC L4	2012	2024							
BMW												
09DDN003		SERIE 1	1.6 L 16V DOHC L4	2011	2015	VENTILADO	5	73,5mm	79mm	300mm	-	20,4mm
			2.0 L 16V DOHC L4	2007	2019							
		SERIE 3	1.6 L 16V DOHC L4	2013	2015							
			2.0 L 16V DOHC L4	2011	2019							
			3.0 L 24V DOHC L6	2005	2011							
		SERIE 4	2.0 L 16V DOHC L4	2014	2016							



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Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
09DDN007		SERIE 1	1.6 L 16V DOHC L4	2015	2016	VENTILADO	5	73mm	292mm	-	-	20mm
			2.0 L 16V DOHC L4	2004	2013							
			3.0 L 24V DOHC L6	2007	2009							
			3.0 L 24V DOHC V6	2005	2009							
		SERIE 3	2.0 L 16V DOHC L4	2005	2012							
09DDN020		SERIE 3	1.6 L 16V DOHC L4	2013	2015	VENTILADO	5	51,8mm	79mm	286mm	-	-
			1.6 L 8V SOHC L4	1992	1994							
			1.8 L 16V DOHC L4	1993	1996							
			1.9 L 16V DOHC L4	1998	2000							
			2.0 L 16V DOHC L4	2006	2019							
			2.2 L 24V DOHC L6	2001	2005							
			2.5 L 24V DOHC L6	1992	2005							
			2.8 L 24V DOHC L6	1995	2000							
			3.0 L 24V DOHC L6	2000	2009							
		Z3	3.0 L 24V DOHC L6	2000	2002							
			3.2 L 24V DOHC L6	1996	2000							
		Z4	2.5 L 24V DOHC L6	2010	2011							
09DDN021		X1	2.0 L 16V DOHC L4	2012	2018	VENTILADO	5	73mm	-	330mm	-	-
			3.0 L 24V DOHC L6	2010	2011							
09DDN079		SERIE 1	1.6 L 16V DOHC L4	2011	2015	VENTILADO	5	74mm	79mm	312mm	-	22,4mm
			2.0 L 16V DOHC L4	2007	2019							
		SERIE 3	2.0 L 16V DOHC L4	2005	2019							
			2.5 L 24V DOHC L6	2005	2011							
			3.0 L 24V DOHC L6	2005	2011							
		SERIE 4	2.0 L 16V DOHC L4	2014	2016							
		X1	2.0 L 16V DOHC L4	2010	2015							
			3.0 L 24V DOHC L6	2009	2011							
09DDN080		X1	2.0 L 16V DOHC L4	2015	2024	VENTILADO	5	45mm	-	330mm	-	-
		X2	2.0 L 16V DOHC L4	2018	2021							
09DDN085		X3	2.0 L 16V DOHC L4	2012	2017	VENTILADO	5	73mm	75mm	328mm	-	26mm
			3.0 L 24V DOHC L6	2004	2017							
			3.0 L 24V DOHC V6	2014	2017							
		X4	2.0 L 16V DOHC L4	2014	2018							
			3.0 L 24V DOHC L6	2014	2018							



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Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final			Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
09DDN088A		X5	3.0 L 24V DOHC L6	2000	2009	VENTILADO		5	62,50mm	-	332mm	-	-
			4.4 L 32V DOHC V8	2000	2006								
			4.8 L 32V DOHC V8	2003	2011								
09DTR005		SERIE 1	2.0 L 16V DOHC L4	2005	2012		SÓLIDO	5	-	-	296mm	-	-
		SERIE 3	2.0 L 16V DOHC L4	2005	2011								
			2.2 L 24V DOHC L6	2005	2005								
09DTR007		SERIE 1	1.6 L 16V DOHC L4	2011	2015	VENTILADO		5	66mm	75mm	300mm	-	18mm
			2.0 L 16V DOHC L4	2004	2019								
			3.0 L 24V DOHC L6	2007	2009								
			3.0 L 24V DOHC V6	2005	2009								
		SERIE 3	1.6 L 16V DOHC L4	2013	2015								
			2.0 L 16V DOHC L4	2005	2019								
			2.5 L 24V DOHC L6	2005	2011								
09DTR010		SERIE 3	2.5 L 24V DOHC L6	1994	2000	VENTILADO		5	60,1mm	75mm	276mm	-	17mm
			2.8 L 24V DOHC L6	1994	2000								
09DTR011		SERIE 3	1.6 L 8V SOHC L4	1991	1994	SÓLIDO		5	60mm	75mm	280mm	-	8mm
			1.8 L 16V DOHC L4	1993	1996								
			1.9 L 16V DOHC L4	1995	2000								
			2.5 L 24V DOHC L6	1995	1999								
			2.8 L 24V DOHC L6	1994	2000								
09DTR017		SERIE 3	2.0 L 16V DOHC L4	2011	2019	VENTILADO		5	66mm	75mm	300mm	-	18,4mm
		SERIE 4	2.0 L 16V DOHC L4	2014	2017								
09DTR079		SERIE 1	3.0 L 24V DOHC L6	2007	2009	VENTILADO		5	66mm	75mm	300mm	-	18,4mm
			3.0 L 24V DOHC V6	2005	2009								
		SERIE 3	2.5 L 24V DOHC L6	2005	2011								
			X1	2.0 L 16V DOHC L4	2010								
		3.0 L 24V DOHC L6		2009	2011								
09DTR080		SERIE 3	2.5 L 24V DOHC L6	2006	2012	VENTILADO		5	-	-	336mm	-	-
			3.0 L 24V DOHC L6	2007	2015								
			4.0 L 32V DOHC V8	2007	2012								
		X1	2.0 L 16V DOHC L4	2012	2024								
CHANGAN													
68DDN002		CHANA	1.0 L 8V SOHC L4	2005	2012	SÓLIDO		4	45mm	60mm	230,5mm	-	10mm



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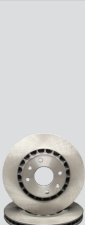
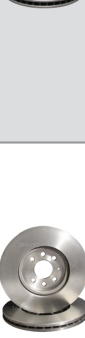
Applicazioni / Applications

Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final			Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
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CHERY

02DTR045		TIGGO	2.0 L 16V DOHC L4	2009	2015		SÓLIDO	5	63mm	62mm	303mm	-	8mm
08DDN015		A3	1.6 L 16V DOHC L4	2010	2012	VENTILADO		5	49,6mm	65mm	312mm	-	22mm
08DTR011		A3	1.6 L 16V DOHC L4	2010	2012		SÓLIDO	5	48mm	65mm	272mm	-	9mm
73DDN002		CELER	1.5 L 16V SOHC L4	2013	2019	VENTILADO		4	42,5mm	65mm	256mm	-	20mm
73DDN006		QQ	1.0 L 12V DOHC L3	2014	2019	SÓLIDO		4	35mm	86mm	236mm	-	10mm
			1.1 L 16V DOHC L4	2011	2015								
73DDN007		TIGGO 5X	1.5 L 16V DOHC L4	2018	2024	VENTILADO		5	49mm	-	308mm	-	-
		TIGGO 7	1.5 L 16V DOHC L4	2019	2024								
			1.6 L 16V DOHC L4	2021	2024								
		TIGGO 8	1.6 L 16V DOHC L4	2020	2024								
73DDN008		TIGGO	2.0 L 16V DOHC L4	2009	2015	VENTILADO		5	49mm	62mm	300mm	-	23mm
73DDN009		TIGGO	2.0 L 16V DOHC L4	2009	2020	VENTILADO		5	49mm	62mm	265mm	-	23mm
		TIGGO 5X	1.5 L 16V DOHC L4	2019	2022								
73DDN010		TIGGO 2	1.5 L 16V DOHC L4	2018	2022	VENTILADO		5	44,50mm	-	283mm	-	-
73DDN012		FACE	1.3 L 16V DOHC L4	2010	2017	VENTILADO		4	44,5mm	60mm	257mm	-	15mm
		S-18	1.3 L 16V DOHC L4	2010	2012								
73DTR010		TIGGO 2	1.5 L 16V DOHC L4	2018	2022		SOLIDO	5	34,50mm	-	263mm	-	-

CHEVROLET

01DDN093		VECTRA	2.2 L 16V DOHC L4	1998	2009	VENTILADO		4	46,5mm	59mm	240mm	-	-
04DDN005		ASTRA	1.8 L 8V SOHC L4	1998	2004	VENTILADO		4	41mm	60mm	256mm	-	22mm
			2.0 L 16V DOHC L4	1999	2005								
			2.0 L 8V SOHC L4	1995	2011								
		CALIBRA	2.0 L 16V DOHC L4	1993	1996								
		VECTRA	2.0 L 16V DOHC L4	1993	1997								
			2.0 L 8V SOHC L4	1993	2006								
			2.2 L 16V DOHC L4	1997	2005								
04DDN006		ASTRA	1.8 L 8V SOHC L4	1998	2004	VENTILADO		4	42mm	60mm	280mm	-	23mm
			2.0 L 16V DOHC L4	1999	2006								
			2.0 L 8V SOHC L4	1994	2011								
		VECTRA	2.0 L 16V DOHC L4	1993	2004								
			2.0 L 8V SOHC L4	1993	2012								



APLICAÇÕES

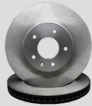
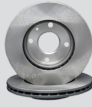
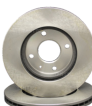
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Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
04DDN006		VECTRA	2.2 L 16V DOHC L4	1998	2010	VENTILADO	4	42mm	60mm	280mm	-	23mm
			2.2 L 8V SOHC L4	1998	2005							
			2.4 L 16V DOHC L4	2005	2010							
04DDN007		ASTRA	1.8 L 8V SOHC L4	1998	2004	VENTILADO	4	41mm	60,02mm	256mm	-	22mm
			2.0 L 16V DOHC L4	2001	2006							
			2.0 L 8V SOHC L4	1998	2011							
		VECTRA	2.0 L 16V DOHC L4	1993	1997							
			2.0 L 8V SOHC L4	1993	2011							
			2.2 L 16V DOHC L4	1997	2005							
			2.2 L 8V SOHC L4	1998	2005							
			2.4 L 16V DOHC L4	2005	2010							
04DDN011		BLAZER	2.2 L 8V SOHC L4	1995	2000	VENTILADO	5	54,5mm	71mm	274mm	-	27,5mm
			2.4 L 8V SOHC L4	2000	2012							
			2.5 L 8V SOHC L4	1997	2000							
			2.8 L 12V SOHC L4	2000	2009							
			4.3 L 12V SOHC V6	1996	2003							
		S10	2.2 L 8V SOHC L4	1995	2000							
			2.4 L 8V SOHC L4	2000	2012							
			2.5 L 8V SOHC L4	1995	2000							
			2.8 L 12V SOHC L4	2000	2012							
			4.3 L 12V SOHC V6	1996	2003							
04DDN013		BLAZER	2.2 L 8V SOHC L4	1995	2000	VENTILADO	5	87,3mm	59mm	275,5mm	-	28,5mm
			2.4 L 8V SOHC L4	2000	2012							
			2.5 L 8V SOHC L4	1997	2000							
			2.8 L 12V SOHC L4	2000	2009							
			4.3 L 12V SOHC V6	1996	2003							
		S10	2.2 L 8V SOHC L4	1995	2001							
			2.4 L 8V SOHC L4	2000	2012							
			2.5 L 8V SOHC L4	1995	2000							
			2.8 L 12V SOHC L4	2000	2012							
			4.3 L 12V SOHC V6	1996	2006							
04DDN013A		BLAZER	2.2 L 8V SOHC L4	1995	1998	VENTILADO	6	88mm	59mm	276mm	-	28,5mm
		S10	2.2 L 8V SOHC L4	1995	2000							
			2.5 L 8V SOHC L4	1995	2000							
			4.3 L 12V SOHC V6	1996	2003							



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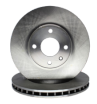
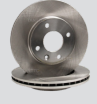
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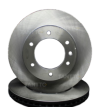
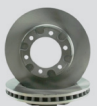
Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
04DDN026		CAPTIVA	2.4 L 16V DOHC L4	2009	2017	VENTILADO	5	51,5mm	70,62mm	296mm	-	27mm
			3.0 L 24V DOHC V6	2011	2013							
			3.6 L 24V DOHC V6	2008	2011							
04DDN033		CELTA	1.0 L 8V SOHC L4	2000	2016	SÓLIDO	4	41mm	60mm	236mm	-	10mm
			1.4 L 8V SOHC L4	2003	2006							
		CLASSIC	1.0 L 8V SOHC L4	2003	2016							
		CORSA	1.0 L 16V DOHC L4	1999	2002							
			1.0 L 8V SOHC L4	1994	2008							
			1.4 L 8V SOHC L4	1994	2012							
		NEW CLASSIC	1.0 L 8V SOHC L4	2003	2005							
04DDN043		AGILE	1.4 L 8V SOHC L4	2009	2015	VENTILADO	4	41mm	60,02mm	236mm	-	18,5mm
		ASTRA	1.8 L 8V SOHC L4	1998	2005							
			2.0 L 8V SOHC L4	1998	2006							
		CELTA	1.0 L 8V SOHC L4	1999	2016							
			1.4 L 8V SOHC L4	2003	2006							
		CORSA	1.0 L 16V DOHC L4	1999	2003							
			1.0 L 8V SOHC L4	1994	2009							
			1.6 L 16V DOHC L4	1996	2006							
			1.6 L 8V SOHC L4	1995	2006							
		IPANEMA	1.8 L 8V SOHC L4	1989	1998							
			2.0 L 8V SOHC L4	1991	1998							
		KADETT	1.8 L 8V SOHC L4	1989	1998							
			2.0 L 8V SOHC L4	1989	2000							
		MONZA	1.6 L 8V SOHC L4	1983	1987							
			1.8 L 8V SOHC L4	1983	1997							
			2.0 L 8V SOHC L4	1986	1998							
		PRISMA	1.0 L 8V SOHC L4	2009	2011							
			1.4 L 8V SOHC L4	2006	2013							
04DDN044		CORSA	1.0 L 16V DOHC L4	1999	2002	VENTILADO	4	41mm	60mm	240mm	-	17mm
			1.0 L 8V SOHC L4	1994	2011							
			1.4 L 8V SOHC L4	1994	2014							
		MONTANA	1.4 L 8V SOHC L4	2007	2020							
			1.8 L 8V SOHC L4	2003	2009							



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Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
04DDN048		CORSA	1.6 L 16V DOHC L4	1996	1998	VENTILADO	4	41mm	-	256mm	-	-
		TIGRA	1.6 L 16V DOHC L4	1998	1999							
04DDN061		BOLT		2019	2022	VENTILADO	5	45,5mm	60mm	276mm	-	24mm
		CRUZE	1.4 L 16V DOHC L4	2016	2024							
			1.8 L 16V DOHC L4	2011	2020							
		CRUZE SPORT6	1.4 L 16V DOHC L4	2017	2024							
04DDN079		MERIVA	1.8 L 16V DOHC L4	2002	2009	VENTILADO	4	42mm	60mm	280mm	-	22mm
			1.8 L 8V SOHC L4	2002	2012							
04DDN081		CORSA	1.8 L 8V SOHC L4	2002	2010	VENTILADO	4	41mm	60mm	260mm	-	21mm
		MERIVA	1.4 L 8V SOHC L4	2008	2012							
			1.8 L 16V DOHC L4	2002	2003							
			1.8 L 8V SOHC L4	2002	2012							
		MONTANA	1.4 L 8V SOHC L4	2007	2023							
			1.8 L 8V SOHC L4	2003	2010							
04DDN082		MONTANA	1.2 L 12V DOHC L3	2023	2024	VENTILADO	5	46mm	-	276mm	-	-
		TRACKER	1.0 L 12V DOHC L3	2020	2024							
			1.2 L 12V DOHC L3	2020	2024							
04DDN094		ONIX PLUS	1.0 L 12V DOHC L3	2019	2024	VENTILADO	4	-	-	256mm	-	-
04DDN096		COBALT	1.4 L 8V SOHC L4	2011	2023	VENTILADO	4	43mm	60mm	240mm	-	18mm
			1.8 L 8V SOHC L4	2012	2022							
		JOY	1.0 L 8V SOHC L4	2019	2023							
		JOY PLUS	1.0 L 8V SOHC L4	2019	2021							
		ONIX	1.0 L 12V DOHC L3	2020	2024							
			1.0 L 8V SOHC L4	2012	2019							
			1.4 L 8V SOHC L4	2012	2020							
		PRISMA	1.0 L 8V SOHC L4	2013	2019							
			1.4 L 8V SOHC L4	2013	2019							
04DDN097		CARAVAN	2.5 L 8V SOHC L4	1974	1992	VENTILADO	5	88,2mm	45,2mm	268mm	-	19mm
			4.1 L 12V SOHC L6	1974	1992							
		OPALA	2.5 L 8V SOHC L4	1971	1993							
			4.1 L 12V SOHC L6	1971	1993							

Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final			Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
04DDN102		S10	2.4 L 8V SOHC L4	2012	2016	VENTILADO		6	40mm	88mm	300mm	-	25mm
			2.5 L 16V DOHC L4	2014	2024								
			2.8 L 16V DOHC L4	2012	2024								
		TRAILBLAZER	2.8 L 16V DOHC L4	2012	2020								
			3.6 L 24V DOHC V6	2013	2020								
04DDN103		S10	2.5 L 16V DOHC L4	2016	2024	VENTILADO		6	61,5mm	104mm	300mm	-	25mm
			2.8 L 16V DOHC L4	2016	2024								
		TRAILBLAZER	2.8 L 16V DOHC L4	2016	2024								
			3.6 L 24V DOHC V6	2016	2020								
04DDN110		A-10	2.5 L 8V SOHC L4	1980	1988	VENTILADO		6	61,50mm	-	283mm	-	-
			4.1 L 12V SOHC L6	1981	1989								
		A-20	4.1 L 12V SOHC L6	1985	1997								
		BONANZA	4.0 L 8V SOHC L4	1992	1995								
			4.1 L 12V SOHC L6	1989	1995								
		C-10	2.5 L 8V OHV L4	1985	1989								
			4.1 L 12V OHV L6	1985	1989								
			4.1 L 12V SOHC L6	1978	1984								
		C-20	4.1 L 12V OHV L6	1986	1996								
			4.1 L 12V SOHC L6	1980	1999								
		D-10	3.9 L 8V SOHC L4	1984	1994								
		D-20	3.9 L 8V SOHC L4	1985	1994								
			4.0 L 8V SOHC L4	1992	1998								
		SILVERADO	4.1 L 12V OHV L6	1997	1998								
			4.1 L 12V SOHC L6	1997	2005								
			4.1 L 8V SOHC L4	1997	1999								
			4.2 L 18V SOHC L6	1995	2000								
		VERANEIO	4.0 L 8V SOHC L4	1992	1995								
			4.1 L 12V SOHC L6	1966	1995								
04DDN114		COBALT	1.4 L 8V SOHC L4	2011	2020	VENTILADO		4	45,5mm	59,5mm	256mm	-	22mm
			1.8 L 8V SOHC L4	2012	2020								
		SONIC	1.6 L 16V DOHC L4	2012	2015								
		SPIN	1.8 L 8V SOHC L4	2012	2019								



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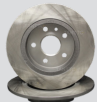
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Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final			Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
04DDN118		ONIX	1.0 L 12V DOHC L3	2019	2024	VENTILADO		4	45,5mm	59,5mm	256mm	-	20mm
		ONIX PLUS	1.0 L 12V DOHC L3	2019	2024								
		SPIN	1.8 L 8V SOHC L4	2016	2024								
04DDN131		TRACKER	1.0 L 12V DOHC L3	2020	2024	VENTILADO		5	46mm	60mm	300mm	300mm	23mm
			1.4 L 16V DOHC L4	2017	2023								
			1.8 L 16V DOHC L4	2013	2016								
04DDN132		TRACKER	2.0 L 16V DOHC L4	2006	2009	VENTILADO		5	29mm	108mm	308mm	308mm	20mm
			2.0 L 8V SOHC L4	2001	2007								
04DDN133		TRACKER	1.4 L 16V DOHC L4	2017	2019	VENTILADO		5	29mm	108,02mm	287mm	-	15mm
			1.8 L 16V DOHC L4	2013	2016								
			2.0 L 16V DOHC L4	2006	2008								
			2.0 L 8V SOHC L4	2001	2004								
04DDN146		VECTRA	2.0 L 16V DOHC L4	1993	2004	VENTILADO		5	42mm	-	288mm	-	-
			2.2 L 16V DOHC L4	1998	2010								
			2.2 L 8V SOHC L4	1998	2005								
04DDN147		ASTRA	1.8 L 8V SOHC L4	1998	2004	VENTILADO		5	42mm	70mm	280mm	-	22mm
			2.0 L 16V DOHC L4	1999	2006								
			2.0 L 8V SOHC L4	1994	2011								
		VECTRA	2.0 L 16V DOHC L4	1993	1997								
			2.0 L 8V SOHC L4	1993	2011								
			2.2 L 16V DOHC L4	1997	2005								
			2.2 L 8V SOHC L4	1998	2002								
			2.4 L 16V DOHC L4	2005	2009								
		ZAFIRA	2.0 L 16V DOHC L4	2001	2005								
			2.0 L 8V SOHC L4	2001	2012								
04DTR007		ASTRA	1.8 L 8V SOHC L4	1998	2005	SÓLIDO		4	69,2mm	57mm	270mm	-	8mm
			2.0 L 16V DOHC L4	1999	2006								
			2.0 L 8V SOHC L4	1995	2011								
		MERIVA	1.8 L 16V DOHC L4	2002	2003								
			1.8 L 8V SOHC L4	2002	2012								
		VECTRA	2.0 L 16V DOHC L4	1993	2004								
			2.0 L 8V SOHC L4	1993	2012								
			2.2 L 16V DOHC L4	1998	2010								
			2.2 L 8V SOHC L4	1998	2005								
			2.4 L 16V DOHC L4	2005	2010								



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Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
04DTR026		CAPTIVA	2.4 L 16V DOHC L4	2009	2017	VENTILADO	5	72mm	70,62mm	303mm	-	18mm
			3.0 L 24V DOHC V6	2011	2013							
			3.6 L 24V DOHC V6	2008	2011							
04DTR061		BOLT		2019	2022	SÓLIDO	5	44,5mm	60mm	264mm	-	8mm
		CRUZE	1.4 L 16V DOHC L4	2016	2024							
		CRUZE SPORT6	1.4 L 16V DOHC L4	2017	2024							
04DTR063		CRUZE	1.8 L 16V DOHC L4	2011	2020	SÓLIDO	5	45mm	60mm	268mm	-	10mm
		CRUZE SPORT6	1.8 L 16V DOHC L4	2012	2021							
04DTR073		IPANEMA	1.8 L 8V SOHC L4	1989	1998	SÓLIDO	4	80mm	39,8mm	230mm	-	9mm
			2.0 L 8V SOHC L4	1991	1998							
		KADETT	1.8 L 8V SOHC L4	1989	1998							
			2.0 L 8V SOHC L4	1989	2000							
		MONZA	1.6 L 8V SOHC L4	1983	1987							
			1.8 L 8V SOHC L4	1982	1997							
			2.0 L 8V SOHC L4	1986	1998							
04DTR097		CARAVAN	2.5 L 8V SOHC L4	1991	1992	SÓLIDO	5	44mm	-	253mm	-	-
			4.1 L 12V OHV L6	1991	1992							
			4.1 L 12V SOHC L6	1991	1992							
		OPALA	2.5 L 8V OHV L4	1991	1992							
			2.5 L 8V SOHC L4	1991	1992							
			4.1 L 12V OHV L6	1991	1992							
			4.1 L 12V SOHC L6	1991	1992							
04DTR138		TRAILBLAZER	2.8 L 16V DOHC L4	2012	2020	VENTILADO	6	80mm	101mm	318mm	-	16,6mm
			3.6 L 24V DOHC V6	2013	2020							
04DTR147		ASTRA	1.8 L 8V SOHC L4	1998	2004	SÓLIDO	5	69,2mm	65,5mm	286mm	-	8mm
			2.0 L 16V DOHC L4	1999	2006							
			2.0 L 8V SOHC L4	1994	2011							
		VECTRA	2.0 L 16V DOHC L4	1993	2004							
			2.0 L 8V SOHC L4	1993	2012							
			2.2 L 16V DOHC L4	1998	2010							
			2.2 L 8V SOHC L4	1998	2005							
			2.4 L 16V DOHC L4	2005	2010							
		ZAFIRA	2.0 L 16V DOHC L4	2001	2005							
			2.0 L 8V SOHC L4	2001	2012							

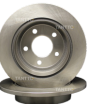


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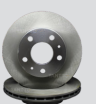
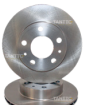
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Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
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01DDN031		TOWN & COUNTRY	3.6 L 24V DOHC V6	2011	2017	VENTILADO		5	38mm	72,5mm	330mm	-	-
01DDN032		TOWN & COUNTRY	3.8 L 12V SOHC V6	2008	2010	VENTILADO		5	38,5mm	72,5mm	302mm	-	-
01DTR031		TOWN & COUNTRY	3.6 L 24V DOHC V6	2010	2015		SÓLIDO	5	33,5mm	72,5mm	305mm	-	-
			3.8 L 12V SOHC V6	2008	2010								
10DTR006		CARAVAN	2.4 L 16V DOHC L4	1993	2001		SÓLIDO	5	56mm	72mm	290mm	-	11mm
			3.3 L 12V SOHC V6	1993	2007								
			3.8 L 12V SOHC V6	1997	1999								
		GRAND CARAVAN	3.3 L 12V SOHC V6	1996	2007								
			3.8 L 12V SOHC V6	1996	2000								
10DTR017		PT CRUISER	2.0 L 16V DOHC L4	2000	2005		SÓLIDO	5	53,30mm	-	270mm	-	-
			2.4 L 16V DOHC L4	2000	2011								
22DDN031		SEBRING	2.7 L 24V DOHC V6	2000	2001	VENTILADO		5	45,8mm	69mm	276mm	-	24mm
22DTR014		STRATUS	2.0 L 16V DOHC L4	1995	2001		SÓLIDO	5	60,5mm	90mm	262mm	-	8,5mm
			2.5 L 24V DOHC V6	1994	2000								

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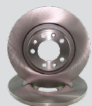
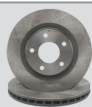
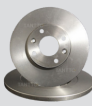
01DDN022		JUMPER	2.0 L 8V SOHC L4	1997	2000	VENTILADO		5	65,5mm	80mm	300mm	-	-
			2.3 L 16V DOHC L4	2009	2019								
			2.8 L 8V SOHV L4	2001	2009								
01DDN024		JUMPER	2.0 L 8V SOHC L4	1997	2000	VENTILADO		5	65,5mm	80mm	300mm	-	-
			2.3 L 16V DOHC L4	2009	2018								
			2.8 L 8V SOHV L4	2001	2009								
01DTR023B		JUMPER	2.3 L 16V DOHC L4	2009	2018		SÓLIDO	5	82mm	72mm	280mm	280mm	14mm
			2.8 L 8V SOHV L4	2001	2009								
01DTR023C		JUMPER	2.0 L 8V SOHC L4	1997	2000		SÓLIDO	5	80mm	79mm	280mm	-	-
			2.3 L 16V DOHC L4	2009	2018								
			2.8 L 8V SOHV L4	2000	2009								
11DDN012		C4 GRAND PICASSO	1.6 L 16V DOHC L4	2016	2019	VENTILADO		5	48mm	-	304mm	-	-
		C4 PICASSO	1.6 L 16V DOHC L4	2016	2019								
		C5	2.0 L 16V DOHC L4	2008	2012								

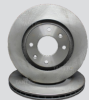
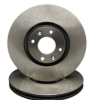
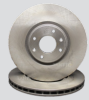
Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final			Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
11DDN013		AIRCROSS	1.5 L 8V SOHC L4	2015	2017	VENTILADO		4	34,4mm	66mm	283mm	-	24mm
			1.6 L 16V DOHC L4	2010	2020								
		BERLINGO	1.6 L 16V DOHC L4	2018	2019								
		C3 PICASSO	1.5 L 8V SOHC L4	2014	2016								
			1.6 L 16V DOHC L4	2011	2016								
		C4	1.6 L 16V DOHC L4	2008	2015								
			2.0 L 16V DOHC L4	2009	2015								
		C4 CACTUS	1.6 L 16V DOHC L4	2018	2024								
		C4 GRAND PICASSO	1.6 L 16V DOHC L4	2016	2019								
		C4 LOUNGE	1.6 L 16V DOHC L4	2013	2020								
			2.0 L 16V DOHC L4	2013	2016								
		C4 PALLAS	2.0 L 16V DOHC L4	2007	2013								
		C4 PICASSO	1.6 L 16V DOHC L4	2015	2019								
			2.0 L 16V DOHC L4	2007	2015								
		C4 VTR	2.0 L 16V DOHC L4	2004	2008								
		C5	2.0 L 16V DOHC L4	2001	2008								
			3.0 L 24V DOHC V6	2001	2007								
		DS3	1.6 L 16V DOHC L4	2012	2016								
		DS4	1.6 L 16V DOHC L4	2011	2014								
		DS5	1.6 L 16V DOHC L4	2011	2016								
		JUMPER	2.0 L 16V DOHC L4	2018	2024								
		XANTIA BREAK	2.0 L 16V DOHC L4	1995	1998								
		XSARA	1.6 L 16V DOHC L4	2000	2005								
			1.8 L 16V DOHC L4	1997	2000								
			2.0 L 16V DOHC L4	1997	2005								
		XSARA PICASSO	2.0 L 16V DOHC L4	2000	2012								
11DDN026		E-JUMPY		2022	2024	VENTILADO		5	54,5mm	71mm	304mm	-	26mm
		JUMPY	1.5 L 16V SOHC L4	2022	2024								
			1.6 L 8V SOHC L4	2017	2024								
11DTR011		C4	1.6 L 16V DOHC L4	2008	2014	SÓLIDO		4	67mm	-	249mm	-	-
			2.0 L 16V DOHC L4	2009	2015								
		C4 PALLAS	2.0 L 16V DOHC L4	2007	2013								
		C4 VTR	2.0 L 16V DOHC L4	2005	2009								



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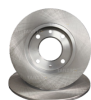
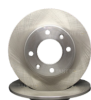
Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
11DTR012		C4 GRAND PICASSO	1.6 L 16V DOHC L4	2016	2019	SÓLIDO	5	35mm	-	290mm	-	-
		C4 PICASSO	1.6 L 16V DOHC L4	2016	2019							
		E-JUMPY		2022	2024							
		JUMPY	1.5 L 16V SOHC L4	2022	2024							
			1.6 L 8V SOHC L4	2017	2024							
11DTR026		E-JUMPY		2022	2024	VENTILADO	5	35mm	71mm	294mm	-	20mm
		JUMPY	1.5 L 16V SOHC L4	2022	2024							
			1.6 L 8V SOHC L4	2017	2024							
17DDN006		C4	1.6 L 16V DOHC L4	2012	2015	VENTILADO	5	45,7mm	69mm	294mm	-	24mm
			2.0 L 16V DOHC L4	2012	2015							
24DDN005A		XSARA	1.6 L 16V DOHC L4	2000	2005	SÓLIDO	4	34mm	66mm	247mm	-	11mm
			1.8 L 16V DOHC L4	1997	2000							
			2.0 L 16V DOHC L4	1997	2005							
24DDN006		BERLINGO	1.6 L 16V DOHC L4	2005	2023	SÓLIDO	4	27,2mm	66mm	266mm	-	11mm
			1.8 L 8V SOHC L4	1998	2003							
		C2	1.6 L 16V DOHC L4	2006	2006							
		C3	1.2 L 12V DOHC L3	2016	2021							
			1.4 L 8V SOHC L4	2003	2012							
			1.5 L 8V SOHC L4	2012	2016							
			1.6 L 16V DOHC L4	2003	2017							
		C3 PICASSO	1.5 L 8V SOHC L4	2014	2017							
			1.6 L 16V DOHC L4	2011	2016							
		C4 CACTUS	1.6 L 16V DOHC L4	2018	2024							
24DDN008		BERLINGO	1.6 L 16V DOHC L4	2005	2007	VENTILADO	4	34mm	66mm	266mm	-	20mm
		C3	1.4 L 8V SOHC L4	2003	2012							
			1.5 L 8V SOHC L4	2012	2016							
			1.6 L 16V DOHC L4	2003	2017							
		C3 PICASSO	1.6 L 16V DOHC L4	2011	2016							
		C4	1.6 L 16V DOHC L4	2008	2013							
			2.0 L 16V DOHC L4	2009	2015							
		C4 CACTUS	1.6 L 16V DOHC L4	2018	2024							
		C4 PALLAS	2.0 L 16V DOHC L4	2007	2013							

Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final			Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
24DDN008		C4 PICASSO	1.6 L 16V DOHC L4	2015	2019	VENTILADO		4	34mm	66mm	266mm	-	20mm
			2.0 L 16V DOHC L4	2009	2015								
		C4 VTR	2.0 L 16V DOHC L4	2004	2008								
		C5	2.0 L 16V DOHC L4	2001	2004								
		XSARA	1.6 L 16V DOHC L4	1999	2005								
			1.8 L 16V DOHC L4	1997	2000								
			2.0 L 16V DOHC L4	1997	2005								
		XSARA BREAK	1.6 L 16V DOHC L4	2001	2006								
		XSARA PICASSO	1.6 L 16V DOHC L4	2005	2013								
			2.0 L 16V DOHC L4	2001	2011								
24DDN009		BERLINGO	1.8 L 8V SOHC L4	1998	2003	VENTILADO		4	27,4mm	66mm	266mm	-	18,5mm
		XANTIA	1.8 L 16V DOHC L4	1996	1999								
			2.0 L 16V DOHC L4	1993	1998								
			3.0 L 24V DOHC V6	1997	2000								
		XSARA	1.6 L 16V DOHC L4	2000	2005								
			1.8 L 16V DOHC L4	1997	2000								
			2.0 L 16V DOHC L4	1997	2005								
		XSARA BREAK	2.0 L 16V DOHC L4	1998	2000								
		XSARA PICASSO	1.6 L 16V DOHC L4	2005	2013								
			2.0 L 16V DOHC L4	2001	2011								
		ZX	1.8 L 8V SOHC L4	1995	1998								
			2.0 L 16V DOHC L4	1992	1997								
24DDN021		C4 GRAND PICASSO	1.6 L 16V DOHC L4	2016	2019	VENTILADO		4	34,5mm	66mm	302mm	-	24mm
		C4 PICASSO	1.6 L 16V DOHC L4	2015	2019								
			2.0 L 16V DOHC L4	2007	2015								
		DS4	1.6 L 16V DOHC L4	2013	2014								
		DS5	1.6 L 16V DOHC L4	2012	2016								
24DDN022		C4 LOUNGE	1.6 L 16V DOHC L4	2013	2018	VENTILADO		4	34mm	66mm	302mm	-	24mm
		C4 PALLAS	2.0 L 16V DOHC L4	2007	2013								
		C4 VTR	2.0 L 16V DOHC L4	2004	2008								
		DS4	1.6 L 16V DOHC L4	2011	2014								
		DS5	1.6 L 16V DOHC L4	2011	2016								



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Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo	
24DTR007		XSARA	1.6 L 16V DOHC L4	2000	2005	SÓLIDO	4	25,3mm	71mm	247mm	-	6mm	
			1.8 L 16V DOHC L4	1997	2000								
			2.0 L 16V DOHC L4	1997	2005								
		XSARA PICASSO	2.0 L 16V DOHC L4	2000	2012								
			ZX	1.8 L 8V SOHC L4	1995								1998
				2.0 L 16V DOHC L4	1992								1997
24DTR012		C3	1.4 L 8V SOHC L4	2009	2012	SÓLIDO	4	69mm	62mm	249mm	-	8mm	
			1.6 L 16V DOHC L4	2009	2012								
		C4	1.6 L 16V DOHC L4	2009	2013								
			2.0 L 16V DOHC L4	2009	2014								
		C4 CACTUS	1.6 L 16V DOHC L4	2018	2024								
		C4 VTR	2.0 L 16V DOHC L4	2005	2008								
		DS3	1.6 L 16V DOHC L4	2012	2016								
24DTR019		BERLINGO	1.6 L 16V DOHC L4	2005	2007	SÓLIDO	4	35,3mm	71mm	247mm	-	8mm	
		C2	1.6 L 16V DOHC L4	2004	2009								
		C3	1.4 L 8V SOHC L4	2003	2012								
			1.6 L 16V DOHC L4	2003	2017								
		C3 PICASSO	1.6 L 16V DOHC L4	2011	2016								
		C4	1.6 L 16V DOHC L4	2008	2013								
			2.0 L 16V DOHC L4	2009	2015								
		C4 PALLAS	2.0 L 16V DOHC L4	2007	2013								
C4 VTR	2.0 L 16V DOHC L4	2004	2008										
24DTR022		C4 LOUNGE	1.6 L 16V DOHC L4	2013	2022	SÓLIDO	4	74mm	62mm	249mm	-	8mm	
			2.0 L 16V DOHC L4	2013	2016								
		DS4	1.6 L 16V DOHC L4	2013	2016								
24DTR048		C4 PICASSO	2.0 L 16V DOHC L4	2009	2015	SÓLIDO	4	73mm	62mm	268mm	-	10mm	
		DS5	1.6 L 16V DOHC L4	2015	2016								
DAEWOO													
04DDN007		ESPERO	2.0 L 8V SOHC L4	1993	1997	VENTILADO	4	41mm	60,02mm	256mm	-	22mm	
		LANOS	1.6 L 16V DOHC L4	1997	2003								
		PRINCE	2.0 L 8V SOHC L4	1991	1996								
		SUPER SALON	2.0 L 8V SOHC L4	1991	1995								
04DDN043		LANOS	1.6 L 16V DOHC L4	1997	2003	VENTILADO	4	41mm	60,02mm	236mm	-	18,5mm	



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Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
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DODGE

01DDN031		JOURNEY	3.6 L 24V DOHC V6	2013	2023	VENTILADO		5	38mm	72,5mm	330mm	-	-
01DDN032		JOURNEY	2.7 L 24V DOHC V6	2009	2012	VENTILADO		5	38,5mm	72,5mm	302mm	-	-
01DTR031		CARAVAN	2.4 L 16V DOHC L4	2005	2008		SÓLIDO	5	33,5mm	72,5mm	305mm	-	-
		JOURNEY	2.7 L 24V DOHC V6	2009	2012								
10DDN019		DAKOTA	2.5 L 8V OHV L4	1998	2001	VENTILADO		6	64mm	73,5mm	287mm	-	22,5mm
			3.9 L 12V OHV V6	1998	2001								
			5.2 L 16V SOHC V8	2000	2001								
		DURANGO	3.6 L 24V DOHC V6	2011	2015								
		JOURNEY	2.7 L 24V DOHC V6	2008	2011								
13DDN011		RAM	5.9L 24V OHV 6L	2010	2010	VENTILADO		8	102mm	-	360mm	-	-
			6.7 L 24V OHV L6	2008	2024								
		RAM 3500	6.7 L 24V SOHV L6	2012	2024								
22DTR014		AVENGER	2.5L 24V DOHC V6	1994	1995		SÓLIDO	5	60,5mm	90mm	262mm	-	8,5mm

EFFA MOTORS

66DDN002		M-100	1.0 L 8V SOHC L4	2006	2012	VENTILADO		4	49mm	60mm	231mm	-	15mm
68DDN002		M-100	1.0 L 8V SOHC L4	2006	2012	SÓLIDO		4	45mm	60mm	230,5mm	-	10mm

FIAT

01DDN020		BRAVO	1.4 L 16V DOHC L4	2011	2016	VENTILADO		4	43,50mm	-	281mm	-	-
		DOBLO	1.8 L 16V SOHC L4	2010	2024								
			1.8 L 8V SOHC L4	2003	2012								
		MAREA	1.6 L 16V DOHC L4	2005	2007								
			1.8 L 16V DOHC L4	1999	2007								
			2.0 L 20V DOHC L5	1998	2007								
			2.4 L 20V DOHC L5	2000	2007								
		STILO	2.4 L 20V DOHC L5	2002	2008								
01DDN022		DUCATO	2.3 L 16V DOHC L4	2009	2023	VENTILADO		5	65,5mm	80mm	300mm	-	-
			2.5 L 8V SOHC L4	1997	2005								
			2.8 L 8V SOHC L4	1997	2009								
01DDN024		DUCATO	2.3 L 16V DOHC L4	2009	2018	VENTILADO		5	65,5mm	80mm	300mm	-	-
			2.5 L 8V SOHC L4	1997	2005								
			2.8 L 8V SOHC L4	1997	2009								



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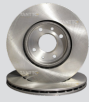
Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final			Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
01DDN025		DUCATO	2.3 L 16V DOHC L4	2018	2023	VENTILADO		5	73,5mm	80mm	300mm	-	-
01DDN029		147	1.0 L 8V L4	1978	1981	SÓLIDO		4	45,80mm	-	227mm	-	-
			1.0 L 8V SOHC L4	1976	1984								
			1.3 L 8V SOHC L4	1978	1984								
		FIORINO	1.3 L 8V SOHC L4	1981	1984								
		OGGI	1.3 L 8V SOHC L4	1977	1984								
		PANORAMA	1.3 L 8V SOHC L4	1980	1984								
		SPAZIO	1.3 L 8V SOHC L4	1982	1984								
01DDN031		FREEMONT	2.4 L 16V DOHC L4	2011	2015	VENTILADO		5	38mm	72,5mm	330mm	-	-
01DDN032		FREEMONT	2.4 L 16V DOHC L4	2011	2015	VENTILADO		5	38,5mm	72,5mm	302mm	-	-
01DDN046		DUNA	1.6 L 8V SOHC L4	1994	1995	SÓLIDO		4	46,5mm	59mm	240mm	-	-
		ELBA	1.3 L 8V SOHC L4	1985	1989								
			1.5 L 8V SOHC L4	1985	1996								
			1.6 L 8V SOHC L4	1989	1996								
		FIORINO	1.0 L 8V SOHC L4	1994	1995								
			1.3 L 8V SOHC L4	1981	2013								
			1.4 L 8V SOHC L4	2013	2021								
			1.5 L 8V SOHC L4	1988	2002								
			1.6 L 8V SOHC L4	1991	1996								
		MILLE	1.0 L 8V SOHC L4	2013	2013								
		PALIO	1.0 L 16V DOHC L4	2000	2003								
			1.0 L 8V SOHC L4	1996	2017								
			1.3 L 16V DOHC L4	2000	2003								
			1.3 L 8V SOHC L4	2002	2005								
			1.4 L 8V SOHC L4	2005	2017								
			1.5 L 8V SOHC L4	1996	2000								
			1.6 L 16V DOHC L4	1996	2003								
			1.6 L 16V SOHC L4	2010	2017								
			1.6 L 8V SOHC L4	1997	2001								
			1.8 L 8V SOHC L4	2003	2010								
		PANORAMA	1.3 L 8V SOHC L4	1980	1986								
		PRÊMIO	1.3 L 8V SOHC L4	1985	1992								
			1.5 L 8V SOHC L4	1985	1994								
			1.6 L 8V SOHC L4	1989	1994								

Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
01DDN046		SIENA	1.0 L 8V SOHC L4	1998	2005	SÓLIDO	4	46,5mm	59mm	240mm	-	-
			1.3 L 16V DOHC L4	2000	2003							
			1.3 L 8V SOHC L4	2002	2005							
			1.4 L 8V SOHC L4	2005	2016							
			1.5 L 8V SOHC L4	2002	2004							
			1.6 L 16V DOHC L4	1997	2003							
			1.6 L 16V SOHC L4	2010	2012							
			1.6 L 8V SOHC L4	1997	2000							
			1.8 L 8V SOHC L4	2003	2010							
		UNO	1.0 L 8V SOHC L4	1990	2013							
			1.3 L 8V SOHC L4	1984	2013							
			1.4 L 8V SOHC L4	1994	1995							
			1.5 L 8V SOHC L4	1987	1996							
			1.6 L 8V SOHC L4	1989	1995							
01DDN047		PALIO	1.0 L 16V DOHC L4	2000	2003	VENTILADO	4	46,5mm	59mm	240mm	-	-
			1.0 L 8V SOHC L4	1996	2012							
			1.3 L 16V DOHC L4	2000	2003							
			1.3 L 8V SOHC L4	2002	2005							
			1.4 L 8V SOHC L4	2005	2011							
			1.5 L 8V SOHC L4	1996	2000							
			1.6 L 16V DOHC L4	1996	2003							
			1.6 L 16V SOHC L4	2010	2011							
			1.6 L 8V SOHC L4	1997	2001							
		PALIO WEEKEND	1.0 L 16V DOHC L4	2000	2003							
			1.0 L 8V SOHC L4	1999	2000							
			1.3 L 16V DOHC L4	2000	2003							
			1.3 L 8V SOHC L4	2002	2005							
			1.4 L 8V SOHC L4	2005	2020							
			1.5 L 8V SOHC L4	1997	2004							
			1.6 L 16V DOHC L4	1997	2003							
			1.6 L 16V SOHC L4	2010	2012							
			1.6 L 8V SOHC L4	1998	2000							



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Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
01DDN047		SIENA	1.0 L 16V DOHC L4	2000	2003	VENTILADO	4	46,5mm	59mm	240mm	-	-
			1.0 L 8V SOHC L4	1999	2021							
			1.3 L 16V DOHC L4	2000	2003							
			1.3 L 8V SOHC L4	2003	2005							
			1.4 L 8V SOHC L4	2005	2016							
			1.5 L 8V SOHC L4	2002	2004							
			1.6 L 16V DOHC L4	1997	2003							
			1.6 L 16V SOHC L4	2017	2018							
			1.6 L 8V SOHC L4	1997	2000							
		UNO	1.0 L 8V SOHC L4	1997	2016							
			1.3 L 8V SOHC L4	1984	2013							
			1.4 L 8V SOHC L4	1994	1995							
			1.6 L 8V SOHC L4	1989	1995							
01DDN053		BRAVA	1.6 L 16V DOHC L4	1999	2003	VENTILADO	4	41mm	59mm	257mm	-	-
			1.8 L 16V DOHC L4	2000	2003							
		DOBLO	1.3 L 16V DOHC L4	2001	2006							
			1.4 L 8V SOHC L4	2009	2016							
			1.6 L 16V DOHC L4	2001	2003							
			1.8 L 16V SOHC L4	2010	2024							
			1.8 L 8V SOHC L4	2002	2010							
		IDEA	1.4 L 8V SOHC L4	2005	2016							
			1.8 L 8V SOHC L4	2005	2011							
		MAREA	1.6 L 16V DOHC L4	2005	2007							
			1.8 L 16V DOHC L4	1999	2007							
			2.0 L 20V DOHC L5	1998	2007							
			2.4 L 20V DOHC L5	2000	2007							
		MAREA WEEKEND	1.6 L 16V DOHC L4	2005	2007							
			1.8 L 16V DOHC L4	1999	2007							
			2.0 L 20V DOHC L5	1998	2007							
			2.4 L 20V DOHC L5	2000	2007							
		PALIO	1.0 L 16V DOHC L4	2000	2003							
			1.0 L 8V SOHC L4	1996	2014							
			1.3 L 16V DOHC L4	2000	2003							

Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
01DDN053		PALIO	1.3 L 8V SOHC L4	2002	2005	VENTILADO	4	41mm	59mm	257mm	-	-
			1.4 L 8V SOHC L4	2007	2011							
			1.5 L 8V SOHC L4	1996	2000							
			1.6 L 16V DOHC L4	1996	2003							
			1.6 L 8V SOHC L4	1997	2001							
			1.8 L 8V SOHC L4	2003	2010							
		PALIO WEEKEND	1.0 L 16V DOHC L4	2000	2003							
			1.0 L 8V SOHC L4	1999	2000							
			1.3 L 16V DOHC L4	2000	2003							
			1.3 L 8V SOHC L4	2002	2005							
			1.4 L 8V SOHC L4	2005	2016							
			1.5 L 8V SOHC L4	1997	2004							
			1.6 L 16V DOHC L4	1997	2003							
			1.6 L 16V SOHC L4	2010	2016							
			1.6 L 8V SOHC L4	1998	2000							
			1.8 L 16V SOHC L4	2010	2020							
			1.8 L 8V SOHC L4	2003	2011							
		SIENA	1.0 L 16V DOHC L4	2000	2003							
			1.0 L 8V SOHC L4	2002	2016							
			1.3 L 16V DOHC L4	2000	2003							
			1.3 L 8V SOHC L4	2002	2005							
			1.4 L 8V SOHC L4	2005	2016							
			1.5 L 8V SOHC L4	2002	2004							
			1.6 L 16V DOHC L4	1997	2004							
			1.6 L 16V SOHC L4	2010	2012							
			1.6 L 8V SOHC L4	1997	2000							
			1.8 L 8V SOHC L4	2003	2010							
		STILO	1.8 L 16V DOHC L4	2002	2007							
		STRADA	1.3 L 8V SOHC L4	2002	2024							
			1.4 L 8V SOHC L4	2005	2024							
			1.5 L 8V SOHC L4	1998	2004							
			1.6 L 16V DOHC L4	1998	2003							
			1.6 L 16V SOHC L4	2001	2019							



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Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
01DDN053		STRADA	1.6 L 8V SOHC L4	1998	2000	VENTILADO	4	41mm	59mm	257mm	-	-
			1.8 L 16V DOHC L4	2013	2015							
			1.8 L 16V SOHC L4	2010	2020							
			1.8 L 8V SOHC L4	2003	2012							
		TEMPRA	2.0 L 16V DOHC L4	1993	1998							
			2.0 L 8V DOHC L4	1994	1998							
			2.0 L 8V SOHC L4	1992	1998							
		TIPO	1.6 L 8V SOHC L4	1993	1997							
			2.0 L 16V DOHC L4	1993	1995							
01DDN054		500	1.4 L 16V DOHC L4	2011	2015	VENTILADO	4	43,5mm	59mm	284mm	-	-
			1.4 L 16V SOHC L4	2011	2015							
			1.4 L 8V SOHC L4	2011	2017							
		ARGO	1.8 L 16V SOHC L4	2017	2021							
		BRAVO	1.4 L 16V DOHC L4	2011	2016							
			1.8 L 16V SOHC L4	2010	2016							
		CRONOS	1.8 L 16V SOHC L4	2018	2021							
		DOBLO	1.4 L 8V SOHC L4	2009	2016							
			1.8 L 16V SOHC L4	2010	2016							
			1.8 L 8V SOHC L4	2002	2010							
		IDEA	1.4 L 8V SOHC L4	2005	2016							
			1.6 L 16V SOHC L4	2010	2016							
			1.8 L 16V SOHC L4	2010	2016							
			1.8 L 8V SOHC L4	2005	2010							
		LINEA	1.4 L 16V DOHC L4	2008	2012							
			1.8 L 16V SOHC L4	2010	2016							
			1.9 L 16V DOHC L4	2008	2010							
		MAREA	1.6 L 16V DOHC L4	2005	2007							
			1.8 L 16V DOHC L4	1999	2007							
			2.0 L 20V DOHC L5	1998	2007							
			2.4 L 20V DOHC L5	2000	2007							
		MAREA WEEKEND	1.6 L 16V DOHC L4	2005	2007							
			1.8 L 16V DOHC L4	1999	2007							
			2.0 L 20V DOHC L5	1998	2007							
			2.4 L 20V DOHC L5	2000	2007							

Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final			Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
01DDN054		PALIO	1.0 L 8V SOHC L4	2007	2017	VENTILADO		4	43,5mm	59mm	284mm	-	-
			1.4 L 8V SOHC L4	2007	2017								
			1.6 L 16V SOHC L4	2010	2017								
			1.8 L 8V SOHC L4	2007	2010								
		PALIO WEEKEND	1.6 L 16V SOHC L4	2012	2016								
			1.8 L 16V SOHC L4	2010	2020								
			1.8 L 8V SOHC L4	2008	2010								
		PULSE	1.0 L 12V SOHC L3	2021	2024								
			1.3 L 16V SOHC L4	2022	2024								
			1.3 L 8V SOHC L4	2021	2024								
		PUNTO	1.4 L 16V DOHC L4	2009	2017								
			1.4 L 8V SOHC L4	2007	2017								
			1.6 L 16V SOHC L4	2010	2017								
			1.8 L 16V SOHC L4	2010	2017								
			1.8 L 8V SOHC L4	2007	2010								
		STILO	1.8 L 16V DOHC L4	2002	2007								
			1.8 L 8V SOHC L4	2002	2010								
			2.4 L 20V DOHC L5	2002	2008								
		STRADA	1.6 L 16V SOHC L4	1998	2003								
			1.8 L 16V DOHC L4	2014	2015								
			1.8 L 16V SOHC L4	2010	2020								
			1.8 L 8V SOHC L4	2003	2010								
01DDN086		TORO	1.3 L 16V SOHC L4	2021	2024	VENTILADO		5	40mm	70mm	305mm	-	-
			1.8 L 16V SOHC L4	2015	2024								
			2.0 L 16V DOHC L4	2015	2024								
			2.4 L 16V DOHC L4	2016	2019								
01DDN089		PALIO	1.0 L 8V SOHC L4	2010	2017	VENTILADO		4	40,5mm	59mm	240mm	-	-
			1.4 L 8V SOHC L4	2011	2017								
			1.6 L 16V SOHC L4	2011	2017								
		UNO	1.0 L 6V SOHC L3	2016	2021								
			1.0 L 8V SOHC L4	2009	2016								
			1.3 L 8V SOHC L4	2016	2021								
			1.4 L 8V SOHC L4	2010	2014								



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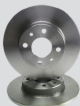
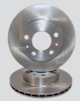
Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
01DDN090		500		2021	2024	VENTILADO	4	40,5mm	59mm	257mm	-	-
			1.4 L 16V DOHC L4	2013	2016							
			1.4 L 16V SOHC L4	2007	2016							
			1.4 L 8V SOHC L4	2011	2020							
		ARGO	1.3 L 8V SOHC L4	2017	2022							
		BRAVO	1.4 L 16V DOHC L4	2011	2016							
			1.8 L 16V SOHC L4	2010	2016							
		CRONOS	1.3 L 8V SOHC L4	2017	2024							
		DOBLO	1.6 L 16V DOHC L4	2001	2003							
		FIORINO	1.4 L 8V SOHC L4	2013	2024							
		GRAND SIENA	1.4 L 8V SOHC L4	2012	2021							
			1.6 L 16V SOHC L4	2012	2019							
		IDEA	1.4 L 8V SOHC L4	2010	2016							
			1.6 L 16V SOHC L4	2010	2018							
			1.8 L 16V SOHC L4	2010	2016							
		LINEA	1.4 L 16V DOHC L4	2008	2012							
			1.8 L 16V SOHC L4	2010	2019							
			1.9 L 16V DOHC L4	2008	2010							
		PALIO	1.4 L 8V SOHC L4	2011	2023							
			1.6 L 16V SOHC L4	2010	2017							
		PALIO WEEKEND	1.6 L 16V SOHC L4	2012	2016							
		PULSE	1.3 L 8V SOHC L4	2021	2024							
		PUNTO	1.4 L 16V DOHC L4	2009	2017							
			1.4 L 8V SOHC L4	2007	2023							
			1.6 L 16V SOHC L4	2010	2019							
			1.8 L 16V SOHC L4	2010	2017							
			1.8 L 8V SOHC L4	2007	2010							
		SIENA	1.6 L 16V SOHC L4	2017	2018							
		STILO	1.8 L 16V DOHC L4	2002	2007							
			1.8 L 8V SOHC L4	2002	2011							
			2.4 L 20V DOHC L5	2003	2008							
		TEMPRA	2.0 L 16V DOHC L4	1993	1999							
			2.0 L 8V DOHC L4	1994	1998							
			2.0 L 8V SOHC L4	1992	1998							

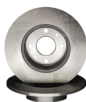
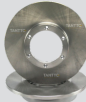
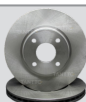
Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final			Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
01DDN090		TIPO	2.0 L 16V DOHC L4	1993	1995	VENTILADO		4	40,5mm	59mm	257mm	-	-
		UNO	1.3 L 8V SOHC L4	2007	2013								
			1.4 L 8V SOHC L4	1994	1995								
01DDN091		ARGO	1.0 L 6V SOHC L3	2017	2024	SÓLIDO		4	41mm	59mm	257mm	-	-
		GRAND SIENA	1.4 L 8V SOHC L4	2013	2023								
			1.6 L 16V SOHC L4	2012	2016								
		MOBI	1.0 L 6V SOHC L3	2016	2021								
			1.0 L 8V SOHC L4	2016	2024								
		PALIO	1.4 L 8V SOHC L4	2011	2023								
		PUNTO	1.4 L 16V DOHC L4	2009	2016								
			1.4 L 8V SOHC L4	2007	2017								
			1.6 L 16V SOHC L4	2010	2017								
			1.8 L 16V SOHC L4	2010	2017								
			1.8 L 8V SOHC L4	2007	2010								
		UNO	1.0 L 6V SOHC L3	2016	2017								
			1.0 L 8V SOHC L4	2008	2016								
			1.3 L 8V SOHC L4	2016	2023								
			1.4 L 8V SOHC L4	2010	2016								
01DDN092		147	1.0 L 8V SOHC L4	1976	1987	SÓLIDO		4	45mm	68mm	227mm	-	-
			1.3 L 8V SOHC L4	1978	1988								
		PANORAMA	1.3 L 8V SOHC L4	1980	1987								
		PICK-UP	1.0 L 8V SOHC L4	1978	1979								
		UNO	1.0 L 8V SOHC L4	1990	2013								
			1.3 L 8V SOHC L4	1984	1993								
			1.5 L 8V SOHC L4	1987	2002								
			1.6 L 8V SOHC L4	1989	1996								
01DDN093		UNO	1.4 L 8V SOHC L4	1994	1995	VENTILADO		4	46,5mm	59mm	240mm	-	-
			1.5 L 8V SOHC L4	1987	1993								
			1.6 L 8V SOHC L4	1989	1996								
01DDN096		FASTBACK	1.0 L 12V SOHC L3	2022	2024	VENTILADO		5	-	-	284mm	-	-
01DTN041		500	1.4 L 16V DOHC L4	2013	2016	SÓLIDO	SÓLIDO	4	40mm	59mm	240mm	-	-
			1.4 L 16V SOHC L4	2007	2016								
			1.4 L 8V SOHC L4	2011	2020								



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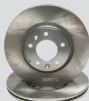
Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
01DTN041		COUPÉ	2.0 L 16V DOHC L4	1994	1996	SÓLIDO	4	40mm	59mm	240mm	-	-
		MAREA	1.6 L 16V DOHC L4	2005	2007							
			1.8 L 16V DOHC L4	1999	2007							
			2.0 L 20V DOHC L5	1998	2007							
			2.4 L 20V DOHC L5	2000	2007							
			2.4 L 20V DOHC L5	2000	2007							
		MAREA WEEKEND	1.6 L 16V DOHC L4	2005	2007							
			1.8 L 16V DOHC L4	1999	2007							
			2.0 L 20V DOHC L5	1998	2007							
			2.4 L 20V DOHC L5	2000	2007							
		MOBI	1.0 L 6V SOHC L3	2016	2021							
			1.0 L 8V SOHC L4	2016	2024							
		TEMPRA	2.0 L 16V DOHC L4	1993	1998							
			2.0 L 8V DOHC L4	1994	1998							
			2.0 L 8V SOHC L4	1992	1998							
		TIPO	1.6 L 8V SOHC L4	1993	1997							
			2.0 L 16V DOHC L4	1993	1995							
01DTR023B		DUCATO	2.3 L 16V DOHC L4	2009	2018	SÓLIDO	5	82mm	72mm	280mm	280mm	14mm
			2.5 L 8V SOHC L4	1997	2005							
			2.8 L 8V SOHC L4	1997	2009							
01DTR023C		DUCATO	2.3 L 16V DOHC L4	2009	2023	SÓLIDO	5	80mm	79mm	280mm	-	-
			2.5 L 8V SOHC L4	1997	2005							
			2.8 L 8V SOHC L4	1997	2009							
01DTR025		DUCATO	2.3 L 16V DOHC L4	2018	2023	VENTILADO	5	79mm	79mm	300mm	-	-
01DTR031		FREEMONT	2.4 L 16V DOHC L4	2011	2015	SÓLIDO	5	33,5mm	72,5mm	305mm	-	-
01DTR070A		BRAVO	1.4 L 16V DOHC L4	2011	2016	SÓLIDO	4	50,5mm	59,50mm	251mm	-	-
			1.8 L 16V SOHC L4	2010	2016							
		LINEA	1.4 L 16V DOHC L4	2008	2012							
			1.8 L 16V SOHC L4	2010	2019							
			1.9 L 16V DOHC L4	2008	2010							
		PUNTO	1.4 L 16V DOHC L4	2009	2017							
			1.4 L 8V SOHC L4	2007	2023							
			1.6 L 16V SOHC L4	2010	2019							
			1.8 L 16V SOHC L4	2010	2017							
			1.8 L 8V SOHC L4	2007	2010							
			1.8 L 8V SOHC L4	2007	2010							

Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final			Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
01DTR070A		STILO	1.8 L 16V DOHC L4	2002	2007		SÓLIDO	4	50,5mm	59,50mm	251mm	-	-
			1.8 L 8V SOHC L4	2002	2011								
			2.4 L 20V DOHC L5	2002	2008								
		TEMPRA	2.0 L 16V DOHC L4	1993	1999								
			2.0 L 8V DOHC L4	1994	1998								
			2.0 L 8V SOHC L4	1992	1998								
03DDN107		IDEA	1.8 L 8V SOHC L4	2005	2010	VENTILADO		5	108,2mm	65mm	261mm	-	24,5mm
11DDN026		E-SCUDO		2022	2024	VENTILADO		5	54,5mm	71mm	304mm	-	26mm
		SCUDO	1.5 L 16V SOHC L4	2022	2024								
11DTR012		E-SCUDO		2022	2024		SÓLIDO	5	35mm	-	290mm	-	-
		SCUDO	1.5 L 16V SOHC L4	2022	2024								
11DTR026		E-SCUDO		2022	2024		VENTILADO	5	35mm	71mm	294mm	-	20mm
		SCUDO	1.5 L 16V SOHC L4	2022	2024								
FORD													
01DTR023B		TRANSIT	2.2 L 16V DOHC L4	2012	2014		SÓLIDO	5	82mm	72mm	280mm	280mm	14mm
			2.4 L 16V DOHC L4	2009	2011								
03DDN003		BELINA I	1.4 L 8V SOHC L4	1973	1977		SÓLIDO	6	38,5mm	83mm	226mm	-	9mm
		BELINA II	1.6 L 8V SOHC L4	1979	1989								
		CORCEL I	1.4 L 8V SOHC L4	1969	1977								
		CORCEL II	1.4 L 8V SOHC L4	1977	1978								
			1.6 L 8V SOHC L4	1979	1986								
		DEL REY	1.6 L 8V SOHC L4	1981	1989								
			1.8 L 8V SOHC L4	1990	1991								
		ESCORT	1.6 L 8V SOHC L4	1983	1986								
		PAMPA	1.6 L 8V SOHC L4	1982	1996								
			1.8 L 8V SOHC L4	1990	1997								
03DDN018		ECOSPORT	1.5 L 12V DOHC L3	2017	2022	VENTILADO		4	40mm	63,5mm	278mm	-	23mm
			1.6 L 16V DOHC L4	2012	2024								
			2.0 L 16V DOHC L4	2012	2022								
03DDN022		ECOSPORT	1.6 L 8V SOHC L4	2003	2012	VENTILADO		4	45mm	63,5mm	277,7mm	-	23mm
			2.0 L 16V DOHC L4	2007	2012								
03DDN025		EDGE	3.5 L 24V DOHC V6	2008	2015	VENTILADO		5	48,5mm	-	320mm	-	-



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Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final			Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
03DDN031		FUSION	2.3 L 16V DOHC L4	2006	2009	VENTILADO		5	48,7mm	72mm	299mm	-	23,5mm
			2.5 L 16V DOHC L4	2009	2021								
			3.0 L 24V DOHC V6	2009	2012								
03DDN033		ESCORT	2.0 L 8V SOHC L4	1992	1996	VENTILADO		4	43,80mm	-	260mm	-	-
		VERONA	2.0 L 8V SOHC L4	1993	1996								
03DDN045		F-1000	3.6 L 12V L6	1993	1995	VENTILADO		5	82mm	-	286,50mm	-	-
			3.9 L 8V SOHV L4	1993	1995								
			4.9 L 12V SOHC L6	1996	1998								
03DDN055		COURIER	1.3 L 8V SOHC L4	1997	1999	SÓLIDO		4	43mm	63,6mm	239,50mm	239,5mm	10mm
			1.4 L 16V DOHC L4	1997	1999								
		FIESTA	1.0 L 8V SOHC L4	1996	2014								
			1.3 L 8V SOHC L4	1995	1999								
			1.4 L 16V DOHC L4	1996	1999								
			1.5 L 16V DOHC L4	2012	2016								
			1.6 L 16V DOHC L4	2010	2019								
			1.6 L 8V SOHC L4	1999	2014								
		KA	1.0 L 8V SOHC L4	1997	2014								
			1.3 L 8V SOHC L4	1997	2000								
			1.6 L 8V SOHC L4	2001	2014								
03DDN056		ECOSPORT	1.0 L 8V SOHC L4	2003	2006	VENTILADO		4	43,3mm	63,62mm	258mm	-	20mm
			1.6 L 8V SOHC L4	2003	2012								
			2.0 L 16V DOHC L4	2003	2020								
		FIESTA	1.0 L 8V SOHC L4	1999	2014								
			1.5 L 16V DOHC L4	2012	2016								
			1.6 L 16V DOHC L4	2010	2019								
			1.6 L 8V SOHC L4	1999	2014								
		FOCUS	1.6 L 8V SOHC L4	2003	2011								
			1.8 L 16V DOHC L4	2000	2004								
			2.0 L 16V DOHC L4	2000	2013								
03DDN057		COURIER	1.6 L 8V SOHC L4	1999	2009	VENTILADO		4	43mm	63,6mm	239,5mm	-	18mm
		ESCORT	1.0 L 8V SOHC L4	1993	1996								
			1.6 L 8V SOHC L4	1990	2002								
			1.8 L 16V DOHC L4	1996	2002								

Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final			Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
03DDN057		ESCORT	1.8 L 16V SOHC L4	1996	2002	VENTILADO		4	43mm	63,6mm	239,5mm	-	18mm
			1.8 L 8V SOHC L4	1990	1997								
			2.0 L 8V SOHC L4	1992	1996								
		FIESTA	1.0 L 8V SOHC L4	1996	2014								
			1.3 L 8V SOHC L4	1995	1999								
			1.4 L 16V DOHC L4	1996	1999								
			1.5 L 16V DOHC L4	2012	2016								
			1.6 L 16V DOHC L4	2010	2019								
			1.6 L 8V SOHC L4	1999	2014								
		KA	1.0 L 8V SOHC L4	1997	2014								
			1.3 L 8V SOHC L4	1997	1999								
			1.6 L 8V SOHC L4	2001	2014								
		VERONA	1.6 L 8V SOHC L4	1990	1992								
			1.8 L 8V SOHC L4	1990	1996								
			2.0 L 8V SOHC L4	1993	1996								
03DDN076		FUSION	2.0 L 16V DOHC L4	2013	2022	VENTILADO		5	51mm	63,5mm	300mm	-	26,5mm
			2.5 L 16V DOHC L4	2013	2018								
03DDN078		FUSION	2.0 L 16V DOHC L4	2013	2022	VENTILADO		5	51mm	-	316mm	-	-
03DDN084		EXPLORER	4.0 L 12V SOHC V6	1991	1996	VENTILADO		4	44mm	63,62mm	258mm	-	21mm
		F-150	3.5 L 24V DOHC V6	2017	2020								
		FIESTA	1.0 L 12V DOHC L3	2016	2018								
			1.5 L 16V DOHC L4	2011	2019								
			1.6 L 16V DOHC L4	2011	2023								
			1.6 L 8V SOHC L4	2011	2014								
		KA	1.0 L 12V DOHC L3	2014	2021								
			1.5 L 12V DOHC L3	2018	2021								
			1.5 L 16V DOHC L4	2014	2020								
		KA SEDAN	1.0 L 12V DOHC L3	2015	2021								
			1.5 L 12V DOHC L3	2018	2021								
			1.5 L 16V DOHC L4	2015	2018								
03DDN088		COURIER	1.6 L 8V SOHC L4	2001	2013	VENTILADO		4	43mm	63,6mm	239,50mm	-	18mm
		ESCORT	1.8 L 16V DOHC L4	1997	2003								
			1.8 L 16V SOHC L4	1997	2000								



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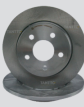
Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
03DDN088		FIESTA	1.0 L 8V SOHC L4	1997	2006	VENTILADO	4	43mm	63,6mm	239,50mm	-	18mm
			1.3 L 8V SOHC L4	1997	2000							
			1.4 L 16V DOHC L4	1998	1999							
			1.6 L 8V SOHC L4	2000	2014							
		KA	1.6 L 8V SOHC L4	2000	2012							
03DDN103		BELINA DEL REY	1.6 L 8V SOHC L4	1986	1989	VENTILADO	6	44mm	83mm	230mm	-	18mm
			1.8 L 8V SOHC L4	1989	1991							
		BELINA II	1.6 L 8V SOHC L4	1979	1989							
		CORCEL II	1.6 L 8V SOHC L4	1979	1983							
		DEL REY	1.6 L 8V SOHC L4	1981	1989							
			1.8 L 8V SOHC L4	1989	1991							
		PAMPA	1.6 L 8V SOHC L4	1982	1996							
			1.8 L 8V SOHC L4	1990	1997							
		SCALA	1.6 L 8V SOHC L4	1979	1989							
03DDN105		EXPLORER	4.0 L 12V SOHC V6	2002	2005	VENTILADO	5	66mm	72mm	305mm	-	24,5mm
		RANGER	2.3 L 16V DOHC L4	2001	2012							
			2.5 L 8V SOHC L4	1997	2001							
			2.8 L 8V SOHC L4	2001	2007							
			3.0 L 16V DOHC L4	2005	2012							
03DDN106		RANGER	2.2 L 16V DOHC L4	2007	2024	VENTILADO	6	70mm	98mm	289mm	-	26mm
			2.3 L 16V DOHC L4	2007	2012							
			2.5 L 16V DOHC L4	2007	2019							
			3.0 L 16V DOHC L4	2007	2012							
			3.2 L 20V DOHC L5	2007	2024							
03DDN107		RANGER	2.3 L 8V DOHC L4	1994	1997	VENTILADO	5	108,2mm	65mm	261mm	-	24,5mm
			2.5 L 8V SOHC L4	1997	2001							
			4.0 L 12V OHC V6	1994	2002							
			4.0 L 12V SOHC V6	1997	2002							
03DDN107A		RANGER	2.5 L 8V SOHC L4	1998	2001	VENTILADO	5	108,2mm	65mm	261mm	-	24,5mm
			4.0 L 12V OHC V6	1994	2004							
			4.0 L 12V SOHC V6	1998	2004							
03DDN108		RANGER	2.3 L 16V DOHC L4	2001	2012	VENTILADO	5	107,6mm	65,1mm	287mm	-	24,5mm
			2.3 L 8V DOHC L4	1994	1997							

Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final			Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
03DDN108		RANGER	2.5 L 16V DOHC L4	2012	2016	VENTILADO		5	107,6mm	65,1mm	287mm	-	24,5mm
			2.5 L 8V SOHC L4	1997	2003								
			2.8 L 8V SOHC L4	2001	2006								
			3.0 L 16V DOHC L4	2005	2012								
			4.0 L 12V OHC V6	1994	2002								
			4.0 L 12V SOHC V6	1997	2002								
03DDN109		EXPLORER	4.0 L 12V SOHC V6	1991	2001	VENTILADO		5	65,5mm	72mm	286mm	-	24,5mm
			5.0 L 16V SOHC V8	1995	2001								
		RANGER	2.2 L 16V DOHC L4	2012	2016								
			2.3 L 16V DOHC L4	2001	2012								
			2.5 L 8V SOHC L4	1997	2001								
			2.8 L 8V SOHC L4	2001	2006								
			3.0 L 16V DOHC L4	2005	2012								
			3.2 L 20V DOHC L5	2012	2016								
			4.0 L 12V OHC V6	1994	2002								
			4.0 L 12V SOHC V6	1997	2002								
03DDN109A		EXPLORER	4.0 L 12V SOHC V6	1996	2001	VENTILADO		5	108,2mm	65mm	286,50mm	-	24,5mm
			5.0 L 16V SOHC V8	1995	2001								
		RANGER	2.3 L 16V DOHC L4	2001	2012								
			2.5 L 8V SOHC L4	1997	2001								
			2.8 L 8V SOHC L4	2001	2006								
			4.0 L 12V OHC V6	1994	2002								
			4.0 L 12V SOHC V6	1997	2002								
03DDN110		RANGER	2.2 L 16V DOHC L4	2012	2024	VENTILADO		6	61,5mm	98mm	301,50mm	-	30mm
			2.5 L 16V DOHC L4	2012	2020								
			3.2 L 20V DOHC L5	2012	2024								
03DDN111		EXPLORER	4.0 L 12V OHV V6	1994	1996	VENTILADO		5	105,5mm	-	261mm	-	-
			4.0 L 12V SOHC V6	1991	1996								
			5.0 L 16V SOHC V8	1995	2001								
		RANGER	2.0 L 16V DOHC L4	2023	2024								
			2.3 L 8V DOHC L4	1994	1997								
			3.0 L 24V DOHC V6	2023	2024								
			4.0 L 12V OHC V6	1994	1997								
			4.0 L 12V OHV V6	1993	1998								



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Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo	
03DDN124		TRANSIT	2.2 L 16V DOHC L4	2011	2014	VENTILADO	5	55mm	93mm	300mm	-	26mm	
			2.4 L 16V DOHC L4	2008	2011								
		TRANSIT CHASSI	2.2 L 16V DOHC L4	2011	2019								
03DTR024		EDGE	3.5 L 24V DOHC V6	2008	2015		SÓLIDO	5	39mm	68mm	330mm	-	10mm
03DTR025		EDGE	3.5 L 24V DOHC V6	2008	2015		VENTILADO	5	56mm	72mm	302mm	-	16mm
03DTR063		FOCUS	1.6 L 16V DOHC L4	2010	2015		SÓLIDO	5	41mm	63,6mm	265mm	-	9mm
			1.6 L 8V SOHC L4	2008	2009								
			2.0 L 16V DOHC L4	2008	2013								
03DTR064		FOCUS	1.6 L 16V DOHC L4	2013	2019		SÓLIDO	5	41mm	63,5mm	271mm	-	9mm
			2.0 L 16V DOHC L4	2013	2019								
03DTR075		FUSION	2.3 L 16V DOHC L4	2006	2009		SÓLIDO	5	40,3mm	72mm	280mm	-	9mm
			2.5 L 16V DOHC L4	2009	2012								
			3.0 L 24V DOHC V6	2009	2012								
03DTR124		TRANSIT	2.2 L 16V DOHC L4	2012	2016		SÓLIDO	10	16,5mm	107,5mm	280mm	-	13mm
			2.4 L 16V DOHC L4	2008	2011								
		TRANSIT CHASSI	2.2 L 16V DOHC L4	2011	2019								
05DDN002		ESCORT	1.0 L 8V SOHC L4	1993	1996	VENTILADO		4	58mm	63,6mm	239,5mm	-	22mm
			1.6 L 8V OHV L4	1989	1990								
			1.6 L 8V SOHC L4	1983	1996								
			1.8 L 8V SOHC L4	1989	1996								
		VERONA	1.6 L 8V SOHC L4	1990	1992								
			1.8 L 8V SOHC L4	1990	1996								
			2.0 L 8V SOHC L4	1994	1996								
05DDN018		ROYALE	1.8 L 8V SOHC L4	1992	1994	VENTILADO		4	38,7mm	65,02mm	239mm	-	18mm
			2.0 L 8V SOHC L4	1992	1996								
		VERSAILLES	1.8 L 8V SOHC L4	1991	1996								
			2.0 L 8V SOHC L4	1991	1996								
05DDN033		ROYALE	1.8 L 8V SOHC L4	1992	1996	VENTILADO		4	38,7mm	65mm	256mm	-	18mm
			2.0 L 8V SOHC L4	1992	1996								
		VERSAILLES	1.8 L 8V SOHC L4	1991	1996								
			2.0 L 8V SOHC L4	1991	1996								
33DTR025		FUSION	2.0 L 16V DOHC L4	2012	2021		SÓLIDO	5	51mm	63,5mm	302mm	-	9mm
			2.5 L 16V DOHC L4	2013	2018								

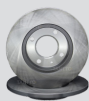


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Tancto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
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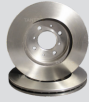
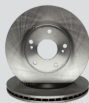
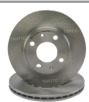
GURGEL

05DDN017		BR 800	0.8 L 4V SOHC BOXER 2 AR	1988	1991	SÓLIDO		4	35mm	65mm	239mm	-	10mm
		CARAJAS	1.6 L 8V SOHC L4	1985	1994								
		XAVANTE	1.6 L 8V SOHC BOXER 4 AR	1970	1993								
05DDN048		CARAJAS	1.6 L 8V SOHC L4	1985	1994	SÓLIDO		5	86mm	66,1mm	278mm	-	11mm
		XAVANTE	1.6 L 8V SOHC BOXER 4 AR	1970	1993								

HAFEI

68DDN001		TOWNER JUNIOR	1.0 L 8V SOHC L4	2010	2021	SÓLIDO		4	33mm	86mm	215mm	-	8mm
68DDN002		TOWNER	1.0 L 8V SOHC L4	2008	2017	SÓLIDO		4	45mm	60mm	230,5mm	-	10mm
		TOWNER JUNIOR	1.0 L 8V SOHC L4	2010	2013								

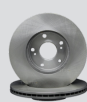
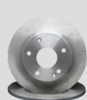
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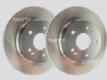
14DDN007		CITY	1.5 L 16V SOHC L4	2009	2018	VENTILADO		4	44,6mm	64,2mm	262mm	-	19mm
		CIVIC	1.5 L 16V SOHC L4	1991	1995								
			1.6 L 16V SOHC L4	1991	2000								
			1.7 L 16V SOHC L4	2000	2006								
		CR-X	1.6 L 16V SOHC L4	1992	1998								
		FIT	1.4 L 16V SOHC L4	2008	2014								
			1.5 L 16V SOHC L4	2005	2018								
14DDN008		CITY	1.5 L 16V SOHC L4	2014	2021	VENTILADO		4	45mm	61mm	262mm	-	19mm
		FIT	1.5 L 16V SOHC L4	2014	2021								
		WR-V	1.5 L 16V DOHC L4	2017	2020								
14DDN009		CIVIC	1.5 L 16V DOHC L4	2016	2017	VENTILADO		5	47mm	64mm	282mm	-	-
			1.8 L 16V DOHC L4	2014	2016								
			1.8 L 16V SOHC L4	2012	2016								
			2.0 L 16V SOHC L4	2013	2021								
			2.0 L 16V SOHV L4	2015	2016								
		HR-V	1.8 L 16V SOHC L4	2019	2020								
14DDN011		CIVIC	1.5 L 16V DOHC L4	2016	2021	VENTILADO		4	44,7mm	61mm	240mm	-	-
			1.5 L 16V SOHC L4	1991	1995								



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Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo	
14DDN011		CIVIC	1.6 L 16V DOHC L4	1992	1998	VENTILADO	4	44,7mm	61mm	240mm	-	-	
			1.6 L 16V SOHC L4	1991	2000								
			2.0 L 16V SOHC L4	2019	2021								
14DDN012A		CIVIC	1.7 L 16V SOHC L4	2000	2006	VENTILADO	4	44,40mm	-	260mm	-	-	
14DDN013		CIVIC	1.8 L 16V SOHC L4	2006	2012	VENTILADO	5	47,4mm	64,15mm	262mm	-	-	
		CR-X	1.6 L 16V SOHC L4	1992	1998								
14DDN017		ACCORD	2.0 L 16V SOHC L4	2006	2010	VENTILADO	5	47mm	64mm	282mm	-	-	
			2.4 L 16V DOHC L4	2013	2014								
			3.0 L 24V SOHC V6	2003	2007								
			3.5 L 24V SOHC V6	2008	2013								
		CIVIC	2.0 L 16V SOHC L4	2017	2023								
			CR-V	2.0 L 16V SOHC L4	1999								2004
				2.4 L 16V SOHC L4	2002								2006
14DDN018		CR-V	2.0 L 16V SOHC L4	2007	2013	VENTILADO	5	47,5mm	64mm	296mm	-	-	
14DDN020		FIT	1.4 L 8V SOHC L4	2003	2008	VENTILADO	4	39mm	61mm	240mm	-	19mm	
			1.5 L 16V SOHC L4	2005	2008								
14DDN022		ACCORD	3.5 L 24V DOHC V6	2016	2018	VENTILADO	5	47,5mm	64mm	292mm	-	23mm	
			3.5 L 24V SOHC V6	2008	2015								
		HR-V	1.8 L 16V SOHC L4	2015	2023								
14DTR001		ACCORD	2.0 L 16V SOHC L4	2006	2010	SÓLIDO	5	49,2mm	64mm	260mm	-	8mm	
			2.4 L 16V DOHC L4	2013	2014								
			3.0 L 24V SOHC V6	2003	2007								
14DTR004		ACCORD	2.0 L 16V DOHC L4	2019	2024	SÓLIDO	5	49mm	64mm	282mm	-	8mm	
			2.0 L 16V SOHC L4	2006	2010								
			2.4 L 16V DOHC L4	2010	2014								
			3.0 L 24V SOHC V6	2003	2007								
			3.5 L 24V DOHC V6	2016	2018								
			3.5 L 24V SOHC V6	2008	2015								
		HR-V	1.8 L 16V SOHC L4	2016	2023								
14DTR007		CITY	1.5 L 16V SOHC L4	2009	2014	SÓLIDO	4	34mm	61mm	239mm	-	8mm	
		FIT	1.4 L 16V SOHC L4	2008	2014								
			1.5 L 16V SOHC L4	2008	2014								

Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final			Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
14DTR009		CIVIC	1.8 L 16V DOHC L4	2014	2016		SÓLIDO	5	42,5mm	64,15mm	260mm	-	8mm
			1.8 L 16V SOHC L4	2006	2015								
			2.0 L 16V DOHC L4	2007	2011								
			2.0 L 16V SOHC L4	2013	2018								
			2.0 L 16V SOHV L4	2015	2015								
			2.4 L 16V DOHC L4	2014	2015								
14DTR017		CR-V	2.0 L 16V SOHC L4	1999	2002		SÓLIDO	5	59mm	64,22mm	282mm	-	7,5mm
			2.4 L 16V SOHC L4	2002	2006								
14DTR018		CR-V	2.0 L 16V DOHC L4	2005	2007		SÓLIDO	5	60,5mm	64,17mm	305mm	-	7,5mm
			2.0 L 16V SOHC L4	2007	2011								
14DTR022		HR-V	1.5 L 16V DOHC L4	2019	2024		SÓLIDO	5	49mm	64mm	282mm	-	7,5mm
			1.8 L 16V SOHC L4	2015	2023								

HYUNDAI

15DDN004		ATOS	1.0 L 12V SOHC L4	1999	2001	SÓLIDO		4	43,70mm	-	230mm	-	-
15DDN005		AZERA	3.0 L 24V DOHC V6	2011	2017	VENTILADO		5	47,5mm	69mm	320mm	-	26,5mm
		SONATA	2.4 L 16V DOHC L4	2011	2014								
15DDN006		AZERA	3.3 L 24V DOHC V6	2007	2012	VENTILADO		5	47mm	69mm	303mm	-	-
15DDN009		AZERA	3.0 L 24V DOHC V6	2013	2022	VENTILADO		5	47,5mm	69mm	300mm	-	26,5mm
		CRETA	1.0 L 12V DOHC L3	2021	2024								
			1.6 L 16V DOHC L4	2017	2024								
			2.0 L 16V DOHC L4	2016	2024								
		IX35	2.0 L 16V DOHC L4	2010	2024								
		SONATA	2.4 L 16V DOHC L4	2007	2014								
			3.3 L 24V DOHC V6	2004	2012								
		TUCSON	2.0 L 16V DOHC L4	2013	2019								
15DDN011		ELANTRA	1.8 L 16V DOHC L4	2011	2012	VENTILADO		5	44,5mm	69mm	280mm	-	21,4mm
			2.0 L 16V DOHC L4	2013	2019								
		I30	1.6 L 16V DOHC L4	2012	2014								
			1.8 L 16V DOHC L4	2014	2016								
		VELOSTER	1.6 L 16V DOHC L4	2011	2015								



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Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final			Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
15DDN013		ELANTRA	1.8 L 16V DOHC L4	1995	2006	VENTILADO		4	47mm	69mm	257mm	-	22,4mm
			2.0 L 16V DOHC L4	2000	2006								
		SONATA	2.4 L 16V DOHC L4	2011	2014								
			2.5 L 24V DOHC V6	1998	2001								
15DDN023		H 100	2.5 L 8V SOHV L4	1994	2007	VENTILADO		5	28,8mm	84,02mm	253mm	-	18,5mm
15DDN024		HB20	1.0 L 12V DOHC L3	2012	2023	VENTILADO		4	44mm	62mm	256mm	-	16mm
		HB20 S	1.0 L 12V DOHC L3	2013	2022								
15DDN025		HB20	1.0 L 12V DOHC L3	2019	2024	VENTILADO		4	44mm	62mm	256mm	-	20mm
			1.6 L 16V DOHC L4	2012	2022								
		HB20 S	1.0 L 12V DOHC L3	2019	2022								
			1.6 L 16V DOHC L4	2013	2022								
		HB20 X	1.6 L 16V DOHC L4	2012	2023								
15DDN029		H-1 STAREX	2.4 L 16V DOHC L4	2004	2005	VENTILADO		5	44mm	87mm	274mm	-	24mm
			2.5 L 8V SOHV L4	1997	2005								
		HR	2.5 L 16V DOHC L4	2013	2024								
			2.5 L 8V SOHC L4	2007	2014								
15DDN034		I30	1.6 L 16V DOHC L4	2012	2014	VENTILADO		5	47mm	69mm	280mm	-	24mm
			2.0 L 16V DOHC L4	2009	2013								
		IX35	2.0 L 16V DOHC L4	2010	2024								
		SONATA	2.4 L 16V DOHC L4	2013	2015								
			3.3 L 24V DOHC V6	2004	2012								
		TUCSON	2.0 L 16V DOHC L4	2006	2021								
			2.7 L 24V DOHC V6	2004	2010								
15DDN038		GRAND SANTA FÉ	3.3 L 24V DOHC V6	2014	2019	VENTILADO		5	49mm	69mm	321mm	-	26mm
		SANTA FÉ	2.4 L 16V DOHC L4	2011	2012								
			2.7 L 24V DOHC V6	2006	2010								
			3.3 L 24V DOHC V6	2013	2019								
			3.5 L 24V DOHC V6	2011	2022								
			3.5 L 24V DOHC V6	2011	2022								
		VERA CRUZ	3.8 L 24V DOHC V6	2007	2013								
15DDN039		SANTA FÉ	3.3 L 24V DOHC V6	2013	2019	VENTILADO		5	49mm	69mm	320mm	-	26mm
15DDN053		TUCSON	1.6 L 16V DOHC L4	2016	2024	VENTILADO		5	47mm	69mm	305mm	-	23,5mm
15DTR006		AZERA	3.3 L 24V DOHC V6	2008	2012		SÓLIDO	5	55,5mm	76mm	284mm	-	8mm



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Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
15DTR011		CRETA	1.0 L 12V DOHC L3	2021	2024	SÓLIDO	5	45mm	76mm	262mm	-	8,5mm
			2.0 L 16V DOHC L4	2021	2024							
		ELANTRA	1.8 L 16V DOHC L4	2011	2013							
			2.0 L 16V DOHC L4	2011	2018							
		I30	1.6 L 16V DOHC L4	2012	2014							
			1.8 L 16V DOHC L4	2013	2016							
		VELOSTER	1.6 L 16V DOHC L4	2011	2013							
15DTR033		I30	1.6 L 16V DOHC L4	2013	2013	SÓLIDO	5	61mm	76mm	262mm	-	8mm
			2.0 L 16V DOHC L4	2009	2013							
		IX35	2.0 L 16V DOHC L4	2010	2024							
		TUCSON	1.6 L 16V DOHC L4	2016	2024							
			2.0 L 16V DOHC L4	2006	2019							
			2.7 L 24V DOHC V6	2006	2010							
			15DTR037		SANTA FÉ							
3.3 L 24V DOHC V6	2013	2019										
3.5 L 24V DOHC V6	2010	2012										
15DTR038		SANTA FÉ	2.7 L 24V DOHC V6	2001	2005	SÓLIDO	5	71,5mm	69mm	302mm	-	9,5mm
15DTR043		SONATA	2.4 L 16V DOHC L4	2011	2014	SÓLIDO	5	61mm	76mm	262mm	-	8,5mm
			3.3 L 24V DOHC V6	2004	2010							
		TUCSON	1.6 L 16V DOHC L4	2016	2024							
			2.0 L 16V DOHC L4	2004	2019							
			2.7 L 24V DOHC V6	2006	2010							
15DTR051		TUCSON	1.6 L 16V DOHC L4	2016	2024	SÓLIDO	5	54,50mm	-	302mm	-	-
15DTR053		VELOSTER	1.6 L 16V DOHC L4	2011	2013	SÓLIDO	5	67mm	69mm	324mm	-	10mm
		VERA CRUZ	3.8 L 24V DOHC V6	2007	2013							
18DDN045		SANTA FÉ	2.7 L 24V DOHC V6	2006	2010	VENTILADO	5	50,7mm	96,5mm	284,5mm	-	22mm
22DDN023		GALLOPER II	2.5 L 8V SOHV L4	1997	2002	VENTILADO	6	45mm	87mm	277mm	-	20mm
		GENESIS	3.8 L 24V SOHC V6	2011	2013							
ISUZU												
14DDN028		RODEO	3.2 L 12V SOHC V6	1993	1997	VENTILADO	6	36mm	-	280mm	-	-

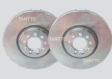


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Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
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IVECO

89DDN001		DAILY	2.8 L 8V SOHC L4	1997	2007	SÓLIDO		6	185mm	58,3mm	267mm	-	13mm
89DDN002		DAILY	2.8 L 8V SOHC L4	1997	2007	SÓLIDO		6	110,5mm	68mm	290mm	-	19mm
			3.0 L 16V DOHC L4	2007	2021								
			3.0 L 16V SOHC L4	2008	2021								
89DDN003		DAILY	2.8 L 8V SOHC L4	1997	2007	VENTILADO		6	160,50mm	-	290mm	-	-
89DDN004		DAILY	3.0 L 16V DOHC L4	2007	2021	VENTILADO		9	46mm	64mm	290mm	-	25mm
			3.0 L 16V SOHC L4	2007	2012								
			3.0 L 16V SOHV L4	2012	2019								
89DDN005		DAILY	3.0 L 16V DOHC L4	2007	2012	VENTILADO		9	59mm	83mm	301mm	-	28mm
			3.0 L 16V SOHV L4	2007	2019								
89DTR002		DAILY	2.8 L 8V SOHC L4	1997	2007		SÓLIDO	8	84,5mm	84mm	289,50mm	-	19mm
			3.0 L 16V DOHC L4	2007	2024								
			3.0 L 16V SOHC L4	2007	2012								
89DTR003		DAILY	2.3 L 16V DOHC L4	2018	2022		SÓLIDO	6	69,5mm	76mm	296mm	-	13mm
			3.0 L 16V DOHC L4	2012	2019								
			3.0 L 16V SOHV L4	2012	2019								
89DTR004		DAILY	2.8 L 8V SOHC L4	2002	2007		SÓLIDO	6	136,5mm	-	306mm	-	-

JAC

80DDN002		J2	1.4 L 16V DOHC L4	2012	2016	VENTILADO		4	35,5mm	55mm	247mm	-	18mm
80DDN003		J3	1.4 L 16V DOHC L4	2011	2017	VENTILADO		4	52mm	62,5mm	241mm	-	17mm
			1.5 L 16V DOHC L4	2012	2015								

JEEP

01DDN086		COMPASS	2.0 L 16V DOHC L4	2016	2024	VENTILADO		5	40mm	70mm	305mm	-	-
		RENEGADE	1.3 L 16V SOHC L4	2022	2024								
			1.8 L 16V SOHC L4	2015	2023								
			2.0 L 16V DOHC L4	2015	2021								
17DDN001		CHEROKEE	2.5 L 8V OHV L4	2000	2001	VENTILADO		5	81,5mm	72mm	280mm	-	22,5mm
			4.0 L 12V SOHC V6	1993	2001								
		GRAND CHEROKEE	4.0 L 12V SOHC V6	1998	2004								

Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
17DDN001		GRAND CHEROKEE	4.7 L 16V SOHC V8	1998	2004	VENTILADO	5	81,5mm	72mm	280mm	-	22,5mm
			5.2 L 16V OHV V8	1993	2000							
			5.9 L 16V SOHC V8	1997	1999							
		WRANGLER	4.0 L 12V SOHC L6	1987	1995							
			4.0 L 12V SOHC V6	1997	2007							
17DDN006		COMPASS	2.0 L 16V DOHC L4	2011	2018	VENTILADO	5	45,7mm	69mm	294mm	-	24mm
17DDN012		GRAND CHEROKEE	4.7 L 16V SOHC V8	2005	2015	VENTILADO	5	53mm	-	328mm	-	-
			5.7 L 16V SOHC V8	2007	2010							
17DTR001		CHEROKEE	2.5 L 8V OHV L4	2000	2001	SÓLIDO	5	59,70mm	-	285mm	-	-
			3.7 L 12V SOHC V6	2001	2015							
			4.0 L 12V SOHC V6	1993	2001							
		GRAND CHEROKEE	2.7 L 20V DOHC L5	2001	2004							
			4.0 L 12V SOHC V6	1998	2004							
			5.2 L 16V OHV V8	1993	2000							
			5.9 L 16V SOHC V8	1997	1999							
		WRANGLER	4.0 L 12V SOHC L6	1987	1995							
			4.0 L 12V SOHC V6	1997	2007							
17DTR004		CHEROKEE	3.7 L 12V SOHC V6	2001	2015	SÓLIDO	5	59,5mm	72mm	285mm	-	11mm
		WRANGLER	3.8 L 12V OHV V6	2007	2011							
17DTR005		COMPASS	1.3 L 16V SOHC L4	2021	2024	SÓLIDO	5	43mm	70mm	278mm	-	10mm
			2.0 L 16V DOHC L4	2016	2021							
		RENEGADE	1.3 L 16V SOHC L4	2022	2024							
			1.8 L 16V SOHC L4	2015	2023							
			2.0 L 16V DOHC L4	2015	2021							
17DTR006		COMPASS	2.0 L 16V DOHC L4	2011	2024	SÓLIDO	5	60,5mm	80mm	262mm	-	8,4mm
17DTR023		WRANGLER	3.8 L 12V OHV V6	2007	2019	SÓLIDO	5	76,50mm	-	316mm	-	-
JINBEI												
02DDN025		TOPIC	2.0 L 16V SOHV L4	2011	2016	VENTILADO	5	46,5mm	84mm	257mm	-	-
KIA												
15DDN005		CADENZA	3.5 L 24V DOHC V6	2010	2016	VENTILADO	5	47,5mm	69mm	320mm	-	26,5mm
		OPTIMA	2.4 L 16V DOHC L4	2012	2015							



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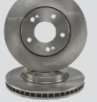
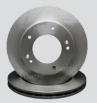
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Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo	
15DDN006		OPIRUS	3.8 L 24V DOHC V6	2007	2009	VENTILADO		5	47mm	69mm	303mm	-	-
15DDN009		CADENZA	3.5 L 24V DOHC V6	2010	2016	VENTILADO		5	47,5mm	69mm	300mm	-	26,5mm
		SPORTAGE	2.0 L 16V DOHC L4	2010	2016								
15DDN011		CERATO	1.6 L 16V DOHC L4	2013	2019	VENTILADO		5	44,5mm	69mm	280mm	-	21,4mm
15DDN013		CERATO	1.6 L 16V DOHC L4	2004	2019	VENTILADO		4	47mm	69mm	257mm	-	22,4mm
			2.0 L 16V DOHC L4	2006	2024								
		MAGENTIS	2.0 L 16V DOHC L4	2004	2010								
15DDN025		RIO	1.6 L 16V DOHC L4	2016	2021	VENTILADO		4	44mm	62mm	256mm	-	20mm
15DDN034		CARENS	2.0 L 16V DOHC L4	2008	2015	VENTILADO		5	47mm	69mm	280mm	-	24mm
		CERATO	1.6 L 16V DOHC L4	2009	2013								
		MAGENTIS	2.0 L 16V DOHC L4	2006	2010								
		SOUL	1.6 L 16V DOHC L4	2009	2020								
		SPORTAGE	2.0 L 16V DOHC L4	2004	2016								
			2.7 L 24V DOHV V6	2004	2010								
15DDN038		SORENTO	2.4 L 16V DOHC L4	2010	2020	VENTILADO		5	49mm	69mm	321mm	-	26mm
			2.5 L 16V DOHC L4	2003	2009								
			3.3 L 24V DOHC V6	2015	2018								
			3.5 L 24V DOHC V6	2003	2020								
			3.8 L 24V DOHC V6	2006	2009								
15DDN053		NIRO	1.6 L 16V DOHC L4	2022	2024	VENTILADO		5	47mm	69mm	305mm	-	23,5mm
		SOUL	1.6 L 16V DOHC L4	2014	2019								
		SPORTAGE	2.0 L 16V DOHC L4	2016	2021								
15DTR006		OPIRUS	3.8 L 24V DOHC V6	2007	2009		SÓLIDO	5	55,5mm	76mm	284mm	-	8mm
15DTR011		CERATO	1.6 L 16V DOHC L4	2013	2019		SÓLIDO	5	45mm	76mm	262mm	-	8,5mm
			2.0 L 16V DOHC L4	2010	2013								
15DTR033		CERATO	2.0 L 16V DOHC L4	2011	2024		SÓLIDO	5	61mm	76mm	262mm	-	8mm
		SPORTAGE	2.0 L 16V DOHC L4	1995	2019								
15DTR037		SORENTO	2.4 L 16V DOHC L4	2009	2015		SÓLIDO	5	71,5mm	69mm	302mm	-	9,5mm
			3.5 L 24V DOHC V6	2010	2015								
15DTR038		SORENTO	2.4 L 16V DOHC L4	2009	2015		SÓLIDO	5	71,5mm	69mm	302mm	-	9,5mm
			3.5 L 24V DOHC V6	2010	2015								
15DTR043		MAGENTIS	2.0 L 16V DOHC L4	2006	2010		SÓLIDO	5	61mm	76mm	262mm	-	8,5mm
		SPORTAGE	2.0 L 16V DOHC L4	2004	2010								



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Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
15DTR051		SPORTAGE	2.0 L 16V DOHC L4	2016	2023	SÓLIDO	5	54,50mm	-	302mm	-	-
18DDN003		BESTA	2.2 L 8V SOHV L4	1993	1999	VENTILADO	6	55,80mm	-	258mm	-	-
			2.7 L 8V SOHV L4	1992	1999							
			3.0 L 8V SOHV L4	1997	2005							
18DDN006		BONGO	2.5 L 16V DOHC L4	2013	2024	VENTILADO	6	24mm	86mm	261mm	-	22mm
			2.5 L 8V SOHV L4	2011	2012							
			2.7 L 8V SOHV L4	1997	2012							
18DDN007		BONGO	2.5 L 16V DOHC L4	2013	2024	VENTILADO	5	27,5mm	92mm	278mm	-	24mm
			2.5 L 8V SOHV L4	2007	2012							
18DDN017		CERATO	1.6 L 16V DOHC L4	2009	2013	VENTILADO	5	47,5mm	69mm	280mm	-	24,5mm
			2.0 L 16V DOHC L4	2010	2013							
		SOUL	1.6 L 16V DOHC L4	2014	2019							
18DDN029		PICANTO	1.0 L 12V DOHC L3	2006	2018	VENTILADO	4	49mm	62,22mm	241mm	-	16mm
			1.0 L 12V SOHC L4	2006	2011							
			1.1 L 12V SOHC L4	2004	2008							
18DDN037		SORENTO	2.4 L 16V DOHC L4	2010	2020	VENTILADO	5	49,00mm	-	300,00mm	-	-
			3.5 L 24V DOHC V6	2010	2020							
18DDN038		SORENTO	2.5 L 16V DOHC L4	2003	2009	VENTILADO	5	54mm	96,52mm	302mm	-	26mm
			3.5 L 24V DOHC V6	2003	2009							
18DDN045		SORENTO	2.4 L 16V DOHC L4	2010	2015	VENTILADO	5	50,7mm	96,5mm	284,5mm	-	22mm
		SPORTAGE	2.0 L 16V DOHC L4	1994	2018							
			2.0 L 8V SOHV L4	1998	2004							
			2.2 L 8V SOHV L4	1993	1998							
LAND ROVER												
33DDN011		DISCOVERY SPORT	2.0 L 16V DOHC L4	2015	2017	VENTILADO	5	52mm	63,5mm	325mm	-	28mm
			2.2 L 16V DOHC L4	2015	2017							
		RANGE ROVER EVOQUE	2.0 L 16V DOHC L4	2014	2016							
			2.2 L 16V DOHC L4	2014	2016							
33DDN012		DISCOVERY III	2.7 L 24V DOHC V6	2007	2009	VENTILADO	5	-	-	317,00mm	-	-
			2.7 L 24V OHV V6	2004	2009							
			4.4 L 32V DOHC V8	2004	2009							



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Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
33DDN014		DISCOVERY	3.0 L 24V DOHC V6	2017	2020	VENTILADO	5	62mm	79mm	360mm	-	27mm
		DISCOVERY III	2.7 L 24V OHV V6	2004	2009							
			4.0 L 24V DOHC V6	2004	2009							
			4.4 L 32V DOHC V8	2004	2009							
		DISCOVERY IV	3.0 L 24V DOHC V6	2010	2019							
			3.0 L 24V OHV V6	2009	2016							
			5.0 L 32V OHV V8	2010	2016							
		RANGE ROVER SPORT	5.0 L 32V DOHC V8	2013	2022							
		RANGE ROVER SPORT I	3.6 L 32V OHV V8	2006	2009							
		RANGE ROVER SPORT II	3.6 L 32V OHV V8	2006	2009							
			5.0 L 32V DOHC V8	2020	2022							
33DDN023		FREELANDER 2	2.2 L 16V DOHC L4	2010	2015	VENTILADO	5	52mm	63,5mm	300mm	-	26mm
		RANGE ROVER EVOQUE	2.0 L 16V DOHC L4	2011	2015							
			2.2 L 16V DOHC L4	2014	2016							
33DDN024		FREELANDER 2	3.2 L 24V DOHC L6	2006	2012	VENTILADO	5	52mm	63,5mm	316mm	-	26mm
33DDN033		DEFENDER	2.0 L 16V DOHC L4	2020	2022	VENTILADO	5	62mm	79mm	380mm	-	31mm
		RANGE ROVER SPORT	3.0 L 24V DOHC V6	2011	2015							
		RANGE ROVER VOGUE	3.0 L 24V DOHC V6	2018	2020							
			4.4 L 32V DOHC V8	2013	2017							
33DTR001		DEFENDER	2.5 L 10V SOHC L5	1998	2007	SÓLIDO	5	61,50mm	-	290mm	-	-
			2.5 L 8V OHV L4	1994	1998							
			2.5 L 8V SOHC L4	1990	2005							
		DISCOVERY I	2.5 L 8V SOHC L4	1993	1998							
		RANGE ROVER II	4.6 L 16V SOHC V8	1994	2002							
33DTR013		DISCOVERY III	2.7 L 24V OHV V6	2004	2009	VENTILADO	5	59,5mm	79mm	325mm	-	17mm
			4.0 L 24V DOHC V6	2004	2009							
			4.4 L 32V DOHC V8	2004	2009							
		RANGE ROVER SPORT I	2.7 L 24V OHV V6	2005	2009							
			4.2 L 32V DOHC V8	2005	2009							
33DTR014		DISCOVERY III	2.7 L 24V OHV V6	2004	2009	VENTILADO	5	59mm	79mm	350mm	-	17mm
			4.0 L 24V DOHC V6	2004	2009							
			4.4 L 32V DOHC V8	2004	2009							



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Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo	
33DTR014		DISCOVERY IV	3.0 L 24V DOHC V6	2009	2016		VENTILADO	5	59mm	79mm	350mm	-	17mm
			3.0 L 24V OHV V6	2009	2010								
			5.0 L 32V OHV V8	2009	2013								
		RANGE ROVER SPORT I	4.4 L 32V DOHC V8	2005	2009								
33DTR018		DISCOVERY SPORT	2.0 L 16V DOHC L4	2015	2017		SÓLIDO	5	42mm	63,5mm	300mm	-	8mm
			2.2 L 16V DOHC L4	2015	2017								
33DTR023		FREELANDER 2	2.2 L 16V DOHC L4	2010	2015		SÓLIDO	5	66,5mm	63,5mm	302mm	-	10mm
33DTR024		FREELANDER 2	2.0 L 16V DOHC L4	2007	2013		VENTILADO	5	66mm	63,5mm	302mm	-	18mm
			2.2 L 16V DOHC L4	2007	2015								
			3.2 L 24V DOHC L6	2006	2012								
33DTR025		RANGE ROVER EVOQUE	2.0 L 16V DOHC L4	2011	2015		SÓLIDO	5	51mm	63,5mm	302mm	-	9mm
			2.2 L 16V DOHC L4	2014	2016								
LEXUS													
02DDN047		ES	3.5 L 24V DOHC V6	2006	2018	VENTILADO		5	49,5mm	62mm	296mm	-	-
MAZDA													
03DTR075		626	2.0 L 16V DOHC L4	1994	1999		SÓLIDO	5	40,3mm	72mm	280mm	-	9mm
			2.5 L 24V DOHC V6	1992	1995								
MERCEDES BENZ													
21DDN014		CLA-CLASS	1.6 L 16V DOHC L4	2013	2017	VENTILADO		5	51mm	67mm	295mm	-	25,5mm
			2.0 L 16V DOHC L4	2014	2016								
		CLASSE A	1.6 L 16V DOHC L4	2013	2018								
		CLASSE B	1.6 L 16V DOHC L4	2012	2018								
		GLA-CLASS	1.6 L 16V DOHC L4	2014	2020								
21DDN017		C-CLASS	1.6 L 16V DOHC L4	2014	2021	VENTILADO		5	62,50mm	-	295,00mm	-	-
			1.6 L 16V SOHC L4	2014	2016								
			2.0 L 16V DOHC L4	2014	2016								
		GLA-CLASS	1.6 L 16V DOHC L4	2014	2020								
21DDN018		C-CLASS	1.8 L 16V DOHC L4	2007	2012	VENTILADO		5	64,5mm	67mm	288mm	-	23mm



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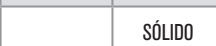
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Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
21DDN021		C-CLASS	1.6 L 16V DOHC L4	2014	2014		5	43,5mm	67mm	284mm	-	19,5mm
			1.8 L 16V DOHC L4	2002	2014							
			2.0 L 16V DOHC L4	1994	2017							
			2.2 L 16V DOHC L4	1993	1996							
			2.3 L 16V DOHC L4	1995	2004							
			2.8 L 18V DOHC V6	1997	2000							
			2.8 L 24V DOHC L6	1993	1997							
21DDN071		CLASSE A	1.6 L 8V SOHC L4	1999	2005		5	40,50mm	-	260mm	-	-
			1.9 L 8V SOHC L4	2000	2005							
21DDN075		C-CLASS	1.8 L 16V DOHC L4	2009	2016		5	64,50mm	-	295mm	-	-
			2.0 L 16V DOHC L4	2014	2017							
21DDN192		SPRINTER CHASSI	2.2 L 16V DOHC L4	2001	2021		5	77mm	85mm	275mm	-	19mm
			2.5 L 8V SOHC L4	1996	2001							
		SPRINTER FURGÃO	2.2 L 16V DOHC L4	2001	2021							
			2.5 L 8V SOHC L4	1996	2001							
		SPRINTER VAN	2.2 L 16V DOHC L4	2001	2012							
			2.5 L 8V SOHC L4	1996	2001							
21DDN199		SPRINTER CHASSI	2.2 L 16V DOHC L4	2001	2012		5	77mm	85mm	275mm	-	19mm
			2.5 L 8V SOHC L4	1996	2001							
		SPRINTER FURGÃO	2.2 L 16V DOHC L4	2001	2012							
			2.5 L 8V SOHC L4	1996	2001							
		SPRINTER VAN	2.2 L 16V DOHC L4	2001	2012							
			2.5 L 8V SOHC L4	1996	2001							
21DDN202		SPRINTER CHASSI	2.2 L 16V DOHC L4	2008	2024		6	68,5mm	85mm	300mm	-	25mm
		SPRINTER FURGÃO	2.2 L 16V DOHC L4	2008	2024							
		SPRINTER VAN	2.2 L 16V DOHC L4	2008	2024							
21DTR020		C-CLASS	1.8 L 16V DOHC L4	2007	2012		5	57,5mm	67mm	278mm	-	7,3mm
21DTR191		SPRINTER CHASSI	2.2 L 16V DOHC L4	2001	2012		5	96,40mm	-	272mm	-	-
			2.5 L 8V SOHC L4	1996	2001							
		SPRINTER FURGÃO	2.2 L 16V DOHC L4	2001	2012							
			2.5 L 8V SOHC L4	1996	2001							
		SPRINTER VAN	2.2 L 16V DOHC L4	2001	2012							
			2.5 L 8V SOHC L4	1996	2001							



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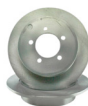
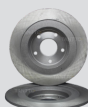
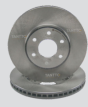
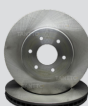
Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo																																				
21DTR192		SPRINTER CHASSI	2.2 L 16V DOHC L4	2001	2012		5	96,40mm	-	272mm	-	-																																				
			2.5 L 8V SOHC L4	1996	2001																																											
		SPRINTER FURGÃO	2.2 L 16V DOHC L4	2001	2012									5	96,40mm	-	272mm	-	-																													
			2.5 L 8V SOHC L4	1996	2001																																											
		SPRINTER VAN	2.2 L 16V DOHC L4	2001	2012																5	96,40mm	-	272mm	-	-																						
			2.5 L 8V SOHC L4	1996	2001																																											
21DTR199		SPRINTER CHASSI	2.2 L 16V DOHC L4	2000	2012		6	93mm	120mm	285mm	-	19mm																																				
			2.5 L 8V SOHC L4	1995	2006																																											
		SPRINTER FURGÃO	2.2 L 16V DOHC L4	2000	2012									6	93mm	120mm	285mm	-	19mm																													
			2.5 L 8V SOHC L4	1995	2000																																											
		SPRINTER VAN	2.2 L 16V DOHC L4	2000	2012																6	93mm	120mm	285mm	-	19mm																						
			2.5 L 8V SOHC L4	1995	2000																																											
21DTR202		SPRINTER CHASSI	2.2 L 16V DOHC L4	2001	2024		6	71,5mm	85mm	298mm	-	14mm																																				
		SPRINTER FURGÃO	2.2 L 16V DOHC L4	2001	2024																							6	71,5mm	85mm	298mm	-	14mm															
		SPRINTER VAN	2.2 L 16V DOHC L4	2001	2024									6	71,5mm	85mm	298mm	-	14mm																													
21DTR204		SPRINTER CHASSI	2.2 L 16V DOHC L4	2001	2024		6	93mm	120mm	303mm	-	25mm																																				
		SPRINTER FURGÃO	2.2 L 16V DOHC L4	2001	2024																6	93mm	120mm	303mm	-	25mm																						
		SPRINTER VAN	2.2 L 16V DOHC L4	2001	2024									6	93mm	120mm	303mm	-	25mm																													
MITSUBISHI																																																
17DDN006		ASX	2.0 L 16V DOHC L4	2010	2021		5	45,7mm	69mm	294mm	-	24mm																																				
		ECLIPSE CROSS	1.5 L 16V DOHC L4	2018	2024									5	45,7mm	69mm	294mm	-	24mm																													
		LANCER	2.0 L 16V DOHC L4	2012	2018																5	45,7mm	69mm	294mm	-	24mm																						
		OUTLANDER	2.0 L 16V DOHC L4	2013	2024																							5	45,7mm	69mm	294mm	-	24mm															
			2.2 L 16V DOHC L4	2015	2024																														5	45,7mm	69mm	294mm	-	24mm								
			2.4 L 16V DOHC L4	2009	2011																																					5	45,7mm	69mm	294mm	-	24mm	
			3.0 L 24V SOHC V6	2007	2018																																											
17DTR006		LANCER	2.0 L 16V DOHC L4	2007	2019		SÓLIDO	5	60,5mm	80mm	262mm	-																																				
22DDN020		L200	2.5 L 8V SOHC L4	1997	2011		6	45,2mm	87mm	314mm	-	22mm																																				
		PAJERO	2.5 L 8V SOHC L4	2008	2011									6	45,2mm	87mm	314mm	-	22mm																													
			3.0 L 24V DOHC V6	1999	2006																6	45,2mm	87mm	314mm	-	22mm																						
			3.0 L 24V SOHC V6	1999	2006																							6	45,2mm	87mm	314mm	-	22mm															
			3.5 L 24V DOHC V6	2006	2011																														6	45,2mm	87mm	314mm	-	22mm								



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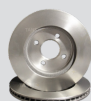
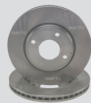
Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
22DDN021		L200	2.4 L 16V DOHC L4	2013	2020	VENTILADO	6	46,5mm	94,02mm	294mm	-	26mm
			2.4 L 16V SOHC L4	2017	2019							
			2.5 L 8V SOHC L4	2004	2011							
			3.2 L 16V DOHC L4	2012	2019							
			3.2 L 16V DOHV L4	2007	2019							
			3.5 L 24V SOHC V6	2006	2018							
		PAJERO	2.4 L 16V DOHC L4	2019	2024							
			3.2 L 16V DOHC L4	2008	2021							
			3.5 L 24V SOHC V6	2011	2018							
			3.8 L 24V DOHC V6	2014	2018							
22DDN023		L200	2.5 L 8V SOHC L4	1994	2007	VENTILADO	6	45mm	87mm	277mm	-	20mm
		L300	2.5 L 8V SOHC L4	1986	2000							
		PAJERO	2.5 L 8V SOHC L4	1990	2000							
			2.8 L 16V SOHC L4	1993	2005							
			3.0 L 12V SOHC V6	1990	2001							
22DDN025		LANCER	2.0 L 16V DOHC L4	2007	2015	VENTILADO	5	46mm	69mm	276mm	-	24mm
22DDN031		AIRTREK	2.4 L 16V DOHC L4	2003	2008	VENTILADO	5	45,8mm	69mm	276mm	-	24mm
		ECLIPSE	3.0 L 24V SOHC V6	2000	2001							
		GALANT	2.5 L 24V DOHC V6	1996	2003							
22DDN035		PAJERO	2.0 L 16V DOHC L4	2002	2015	VENTILADO	5	38,5mm	69mm	285mm	-	20mm
			2.0 L 16V SOHC L4	2012	2015							
22DDN036		PAJERO	3.0 L 12V SOHC V6	1994	2001	VENTILADO	6	46mm	94mm	290mm	-	24mm
			3.2 L 16V DOHC L4	2000	2020							
			3.5 L 24V SOHC V6	2015	2018							
			3.8 L 24V SOHC V6	2004	2006							
22DTR005		ASX	2.0 L 16V DOHC L4	2010	2015	SÓLIDO	5	60mm	80mm	302mm	-	8,4mm
		OUTLANDER	2.4 L 16V DOHC L4	2009	2011							
			3.0 L 24V SOHC V6	2007	2018							
22DTR014		3000 GT	3.0 L 24V DOHC V6	1992	2000	SÓLIDO	5	60,5mm	90mm	262mm	-	8,5mm
		AIRTREK	2.4 L 16V DOHC L4	2003	2008							
		ECLIPSE	2.0 L 16V DOHC L4	1995	1999							
		GALANT	2.5 L 24V DOHC V6	1996	2003							
		PAJERO	2.0 L 16V DOHC L4	2002	2015							
			2.0 L 16V SOHC L4	2012	2015							

Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo	
22DTR025		LANCER	2.0 L 16V DOHC L4	2007	2019		SÓLIDO	5	58,50mm	-	302mm	-	-
		OUTLANDER	2.0 L 16V DOHC L4	2009	2015								
			2.4 L 16V DOHC L4	2008	2011								
			3.0 L 24V SOHC V6	2007	2015								
22DTR031		ASX	2.0 L 16V DOHC L4	2010	2017		SÓLIDO	5	36,5mm	69mm	302mm	-	8,4mm
		ECLIPSE CROSS	1.5 L 16V DOHC L4	2018	2024								
		OUTLANDER	2.0 L 16V DOHC L4	2013	2018								
			2.2 L 16V DOHC L4	2015	2018								
22DTR034		PAJERO	3.2 L 16V DOHC L4	2008	2020		VENTILADO	6	85mm	94mm	315mm	-	16,5mm
3.5 L 24V SOHC V6			2011	2018									
22DTR035		PAJERO	3.2 L 16V DOHC L4	2000	2021		VENTILADO	6	72,5mm	94mm	300mm	-	20mm
			3.8 L 24V SOHC V6	2003	2009								
22DTR040		PAJERO	3.2 L 16V DOHC L4	2000	2021		VENTILADO	6	74,65mm	93,8mm	332mm	-	16mm
			3.8 L 24V DOHC V6	2014	2020								
			3.8 L 24V SOHC V6	2003	2014								
NISSAN													
14DDN011		SENTRA	1.8 L 16V DOHC L4	2000	2007	VENTILADO		4	44,7mm	61mm	240mm	-	-
23DDN005		FRONTIER	2.3 L 16V DOHC L4	2016	2022	VENTILADO		6	53mm	68mm	296mm	-	26mm
			2.5 L 16V DOHC L4	2008	2016								
			2.8 L 12V SOHC L4	2005	2008								
23DDN006		D 21	2.7 L 8V SOHV L4	1987	1997	VENTILADO		6	39,2mm	100mm	277mm	-	24mm
		FRONTIER	2.8 L 12V SOHC L4	2002	2008								
		PATHFINDER	3.0 L 12V SOHC V6	1989	1995								
		TERRANO II	2.7 L 8V SOHC L4	1993	2006								
		X-TERRA	2.8 L 12V SOHC L4	2003	2008								
23DDN007		FRONTIER	2.5 L 16V DOHC L4	2008	2013	VENTILADO		6	38,5mm	68mm	297mm	-	26mm
			2.8 L 12V SOHC L4	2002	2008								
		PATHFINDER	2.5 L 16V DOHC L4	2005	2009								
			4.0 L 24V DOHC V6	2005	2010								
		X-TERRA	2.8 L 12V SOHC L4	2003	2008								
23DDN008		FRONTIER	2.3 L 16V DOHC L4	2022	2024	VENTILADO		6	54,50mm	-	320mm	-	-

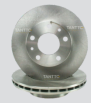
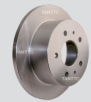


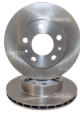
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Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo	
23DDN011		KICKS	1.6 L 16V DOHC L4	2016	2024	VENTILADO	4	44mm	61mm	258mm	-	20mm	
		VERSA	1.0 L 12V DOHC L3	2020	2021								
			1.6 L 16V DOHC L4	2019	2024								
23DDN017		GRAND LIVINA	1.8 L 16V DOHC L4	2009	2014	VENTILADO	4	44mm	68mm	260mm	-	20mm	
		LIVINA	1.6 L 16V DOHC L4	2009	2015								
			1.8 L 16V DOHC L4	2009	2015								
		TIIDA	1.8 L 16V DOHC L4	2007	2013								
23DDN021		MARCH	1.0 L 12V DOHC L3	2015	2020	VENTILADO	4	44mm	61mm	260mm	-	20mm	
			1.0 L 16V DOHC L4	2011	2014								
			1.6 L 16V DOHC L4	2011	2015								
		VERSA	1.0 L 12V DOHC L3	2015	2021								
			1.6 L 16V DOHC L4	2011	2024								
23DDN039		SENTRA	2.0 L 16V DOHC L4	2013	2020	VENTILADO	5	44mm	68mm	280mm	-	22mm	
23DDN040		SENTRA	1.8 L 16V DOHC L4	2000	2007	VENTILADO	4	44,2mm	68mm	279,70mm	-	22mm	
			2.0 L 16V DOHC L4	2006	2021								
		TIIDA	1.8 L 16V DOHC L4	2007	2013								
23DTR008		FRONTIER	2.3 L 16V DOHC L4	2022	2024		6	62,00mm	-	308mm	-	-	
23DTR039		ALTIMA	2.5 L 16V DOHC L4	2013	2014		SÓLIDO	5	62,5mm	68mm	291mm	-	8mm
		SENTRA	2.0 L 16V DOHC L4	2013	2020								
23DTR048		PATHFINDER	2.5 L 16V DOHC L4	2006	2010	VENTILADO	6	63,50mm	-	307mm	-	-	
			4.0 L 24V DOHC V6	2005	2010								
		X-TERRA	2.8 L 12V SOHC L4	2005	2008								

PEUGEOT

01DDN022		BOXER	2.3 L 16V DOHV L4	2009	2019	VENTILADO		5	65,5mm	80mm	300mm	-	-
			2.5 L 8V SOHV L4	1999	2002								
			2.8 L 8V SOHV L4	1999	2009								
01DDN024		BOXER	2.3 L 16V DOHV L4	2009	2017	VENTILADO		5	65,5mm	80mm	300mm	-	-
			2.5 L 8V SOHV L4	1999	2002								
			2.8 L 8V SOHV L4	1999	2009								
01DDN025		BOXER	2.0 L 16V DOHC L4	2018	2024	VENTILADO		5	73,5mm	80mm	300mm	-	-
01DTR023B		BOXER	2.3 L 16V DOHV L4	2009	2019		SÓLIDO	5	82mm	72mm	280mm	280mm	14mm
			2.5 L 8V SOHV L4	1999	2002								
			2.8 L 8V SOHV L4	1999	2009								

Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
01DTR023C		BOXER	2.3 L 16V DOHV L4	2009	2019	SÓLIDO	5	80mm	79mm	280mm	-	-
			2.5 L 8V SOHV L4	1999	2002							
			2.8 L 8V SOHV L4	1999	2009							
11DDN012		3008	1.6 L 16V DOHC L4	2017	2023	VENTILADO	5	48mm	-	304mm	-	-
		5008	1.6 L 16V DOHC L4	2019	2021							
		508	1.6 L 16V DOHC L4	2012	2014							
11DDN013		2008	1.6 L 16V DOHC L4	2015	2024	VENTILADO	4	34,4mm	66mm	283mm	-	24mm
		208	1.2 L 12V DOHC L3	2016	2020							
			1.5 L 8V SOHC L4	2013	2016							
			1.6 L 16V DOHC L4	2013	2024							
		3008	1.6 L 16V DOHC L4	2010	2017							
		307	1.6 L 16V DOHC L4	2000	2012							
			2.0 L 16V DOHC L4	2003	2012							
		308	1.6 L 16V DOHC L4	2011	2019							
			2.0 L 16V DOHC L4	2012	2016							
		407	2.0 L 16V DOHC L4	2004	2011							
		408	1.6 L 16V DOHC L4	2012	2019							
			2.0 L 16V DOHC L4	2011	2016							
		LANDTREK	2.0 L 16V DOHC L4	2020	2024							
11DDN026		E-EXPERT		2022	2024	VENTILADO	5	54,5mm	71mm	304mm	-	26mm
		EXPERT	1.5 L 16V SOHC L4	2022	2024							
			1.6 L 8V SOHC L4	2017	2024							
11DTR011		307	1.6 L 16V DOHC L4	2000	2012	SÓLIDO	4	67mm	-	249mm	-	-
			2.0 L 16V DOHC L4	2000	2013							
11DTR012		3008	1.6 L 16V DOHC L4	2014	2023	SÓLIDO	5	35mm	-	290mm	-	-
		5008	1.6 L 16V DOHC L4	2019	2021							
		E-EXPERT		2022	2024							
		EXPERT	1.5 L 16V SOHC L4	2022	2024							
			1.6 L 8V SOHC L4	2017	2024							
11DTR026		E-EXPERT		2022	2024	VENTILADO	5	35mm	71mm	294mm	-	20mm
		EXPERT	1.5 L 16V SOHC L4	2022	2024							
			1.6 L 8V SOHC L4	2017	2024							



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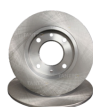
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24DDN003		106	1.0 L 8V SOHC L4	1992	2005	SÓLIDO	4	34,00mm	-	247mm	-	-
		205	1.4 L 8V SOHC L4	1992	1998							
		206	1.0 L 16V DOHC L4	2001	2005							
			1.4 L 8V SOHC L4	2004	2009							
			1.6 L 16V DOHC L4	2000	2008							
			1.6 L 8V SOHC L4	1999	2003							
		306	1.6 L 8V SOHC L4	1993	1997							
			1.8 L 16V DOHC L4	1997	2007							
			1.8 L 8V SOHC L4	1993	2003							
			2.0 L 16V DOHC L4	1993	2003							
			2.0 L 8V SOHC L4	1993	2000							
24DDN005A		206	1.0 L 16V DOHC L4	2001	2005	SÓLIDO	4	34mm	66mm	247mm	-	11mm
			1.4 L 8V SOHC L4	2004	2009							
			1.6 L 16V DOHC L4	2000	2008							
			1.6 L 8V SOHC L4	1999	2003							
		207	1.4 L 8V SOHC L4	2008	2014							
			1.6 L 16V DOHC L4	2008	2013							
24DDN006		206	1.0 L 16V DOHC L4	2001	2005	SÓLIDO	4	27,2mm	66mm	266mm	-	11mm
			1.4 L 8V SOHC L4	2004	2009							
			1.6 L 16V DOHC L4	2000	2008							
			1.6 L 8V SOHC L4	1999	2003							
		208	1.2 L 12V DOHC L3	2017	2022							
			1.5 L 8V SOHC L4	2013	2016							
			1.6 L 16V DOHC L4	2013	2023							
		307	2.0 L 16V DOHC L4	2002	2008							
		PARTNER	1.6 L 16V DOHC L4	2004	2024							
			1.8 L 8V SOHC L4	1999	2003							
		RCZ	1.6 L 16V DOHC L4	2011	2015							
24DDN008		2008	1.6 L 16V DOHC L4	2015	2020	VENTILADO	4	34mm	66mm	266mm	-	20mm
		206	1.0 L 16V DOHC L4	2001	2005							
			1.4 L 8V SOHC L4	2004	2009							
			1.6 L 16V DOHC L4	2000	2008							
			1.6 L 8V SOHC L4	1999	2003							
		207	1.4 L 8V SOHC L4	2008	2014							
			1.6 L 16V DOHC L4	2008	2013							

Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
24DDN008		208	1.0 L 6V SOHC L3	2022	2024	VENTILADO	4	34mm	66mm	266mm	-	20mm
			1.2 L 12V DOHC L3	2016	2020							
			1.5 L 8V SOHC L4	2013	2016							
			1.6 L 16V DOHC L4	2013	2024							
			(vazio)	2021	2024							
		3008	1.6 L 16V DOHC L4	2014	2017							
		307	1.6 L 16V DOHC L4	2000	2012							
			2.0 L 16V DOHC L4	2000	2012							
		HOGGAR	1.4 L 8V SOHC L4	2010	2015							
			1.6 L 16V DOHC L4	2010	2014							
		PARTNER	1.6 L 16V DOHC L4	2002	2010							
24DDN009		206	1.0 L 16V DOHC L4	2001	2005	VENTILADO	4	27,4mm	66mm	266mm	-	18,5mm
			1.4 L 8V SOHC L4	2004	2009							
			1.6 L 16V DOHC L4	2001	2008							
			1.6 L 8V SOHC L4	1999	2003							
		306	1.6 L 8V SOHC L4	1993	1997							
			1.8 L 16V DOHC L4	1997	2007							
			1.8 L 8V SOHC L4	1993	2003							
			2.0 L 16V DOHC L4	1993	2003							
		405	1.8 L 8V SOHC L4	1993	1996							
			2.0 L 8V SOHC L4	1992	1997							
		PARTNER	1.6 L 16V DOHC L4	2004	2018							
			1.8 L 8V SOHC L4	1999	2003							
24DDN021		3008	1.6 L 16V DOHC L4	2010	2024	VENTILADO	4	34,5mm	66mm	302mm	-	24mm
		307	1.6 L 16V DOHC L4	2000	2012							
			2.0 L 16V DOHC L4	2000	2013							
		308	1.6 L 16V DOHC L4	2011	2019							
			2.0 L 16V DOHC L4	2012	2016							
24DDN022		208	1.2 L 12V DOHC L3	2016	2020	VENTILADO	4	34mm	66mm	302mm	-	24mm
			1.5 L 8V SOHC L4	2013	2016							
			1.6 L 16V DOHC L4	2013	2016							
			(vazio)	2021	2024							
		3008	1.6 L 16V DOHC L4	2010	2017							
		308	1.6 L 16V DOHC L4	2011	2019							
			2.0 L 16V DOHC L4	2012	2016							



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Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
24DDN035		504	2.3 L 8V SOHV L4	1996	2006	SÓLIDO	4	43mm	76mm	273mm	-	10,7mm
24DTR007		106	1.0 L 8V SOHC L4	1992	2005	SÓLIDO	4	25,3mm	71mm	247mm	-	6mm
		206	1.0 L 16V DOHC L4	2001	2005							
			1.4 L 8V SOHC L4	2004	2009							
			1.6 L 16V DOHC L4	2000	2008							
			1.6 L 8V SOHC L4	1999	2003							
		207	1.4 L 8V SOHC L4	2008	2014							
			1.6 L 16V DOHC L4	2008	2013							
		306	1.6 L 8V SOHC L4	1993	1997							
			1.8 L 16V DOHC L4	1997	2007							
			1.8 L 8V SOHC L4	1993	2003							
			2.0 L 16V DOHC L4	1993	2003							
24DTR012		2008	1.6 L 16V DOHC L4	2015	2023	SÓLIDO	4	69mm	62mm	249mm	-	8mm
		208	1.6 L 16V DOHC L4	2016	2020							
		307	1.6 L 16V DOHC L4	2000	2012							
			2.0 L 16V DOHC L4	2000	2012							
24DTR013		208	1.2 L 12V DOHC L3	2020	2020	SÓLIDO	4	35,00mm	-	249mm	-	-
	1.6 L 16V DOHC L4	2020	2024									
24DTR019		307	1.6 L 16V DOHC L4	2000	2012	SÓLIDO	4	35,3mm	71mm	247mm	-	8mm
	2.0 L 16V DOHC L4	2000	2012									
24DTR022		308	1.6 L 16V DOHC L4	2011	2019	SÓLIDO	4	74mm	62mm	249mm	-	8mm
			2.0 L 16V DOHC L4	2013	2016							
		408	1.6 L 16V DOHC L4	2012	2019							
			2.0 L 16V DOHC L4	2011	2016							
24DTR048		3008	1.6 L 16V DOHC L4	2010	2024	SÓLIDO	4	73mm	62mm	268mm	-	10mm
PORSCHE												
11DDN013		718	2.0 L 16V DOHC BOXER4	2016	2016	VENTILADO	4	34,4mm	66mm	283mm	-	24mm
			2.5 L 16V DOHC BOXER4	2016	2021							
RENAULT												
02DDN012		MEGANE	1.6 L 16V DOHC L4	1997	2006	VENTILADO	4	48,2mm	55mm	255,00mm	-	-
			1.6 L 8V SOHC L4	1997	2006							

Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final			Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
25DDN006		CAPTUR	1.6 L 16V DOHC L4	2017	2020			5	44,5mm	68mm	269mm	-	19,8mm
		DUSTER	1.6 L 16V DOHC L4	2011	2024								
			2.0 L 16V DOHC L4	2011	2015								
		OROCH	1.6 L 16V DOHC L4	2015	2022								
			2.0 L 16V DOHC L4	2015	2022								
25DDN007		CAPTUR	2.0 L 16V DOHC L4	2016	2021			5	44mm	68mm	280mm	-	21,8mm
		DUSTER	1.3 L 16V DOHC L4	2022	2024								
			1.6 L 16V DOHC L4	2011	2024								
			2.0 L 16V DOHC L4	2011	2020								
		FLUENCE	1.6 L 16V DOHC L4	2012	2014								
			2.0 L 16V DOHC L4	2011	2018								
		MEGANE	2.0 L 16V DOHC L4	2001	2010								
		OROCH	1.6 L 16V DOHC L4	2015	2022								
			2.0 L 16V DOHC L4	2015	2022								
25DDN008		CLIO	1.0 L 16V SOHC L4	2000	2016			4	41mm	61mm	238mm	-	10mm
			1.0 L 8V SOHC L4	1999	2006								
			1.6 L 16V DOHC L4	2000	2009								
			1.6 L 8V SOHC L4	1998	2002								
		LOGAN	1.0 L 16V SOHC L4	2007	2016								
			1.6 L 16V DOHC L4	2007	2013								
			1.6 L 8V SOHC L4	2007	2013								
		MEGANE	1.6 L 16V DOHC L4	1997	2012								
			1.6 L 8V SOHC L4	1997	2006								
			2.0 L 16V DOHC L4	2001	2011								
			2.0 L 8V SOHC L4	1997	2001								
		SANDERO	1.0 L 16V SOHC L4	2007	2016								
			1.6 L 16V DOHC L4	2007	2024								
		TWINGO	1.0 L 16V SOHC L4	2001	2007								
			1.0 L 8V SOHC L4	1999	2007								
			1.2 L 8V SOHC L4	1993	1997								
25DDN009		CLIO	1.0 L 16V SOHC L4	2000	2016			4	41mm	61mm	238mm	-	18mm
			1.0 L 8V SOHC L4	1999	2008								
			1.6 L 16V DOHC L4	2000	2009								
			1.6 L 8V SOHC L4	1996	2002								



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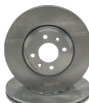
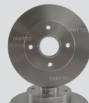
Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
25DDN009		KANGOO	1.0 L 16V SOHC L4	2002	2007	VENTILADO	4	41mm	61mm	238mm	-	18mm
			1.0 L 8V SOHC L4	2002	2007							
			1.6 L 16V DOHC L4	2002	2011							
			1.6 L 8V SOHC L4	1998	2001							
		MEGANE	1.6 L 16V DOHC L4	1997	2006							
			1.6 L 8V SOHC L4	1997	2006							
			2.0 L 16V DOHC L4	2001	2005							
			2.0 L 8V SOHC L4	1997	2001							
		R19	1.8 L 16V DOHC L4	1994	1995							
			1.8 L 8V SOHC L4	1992	1995							
		SCENIC	2.0 L 16V DOHC L4	2008	2009							
		SYMBOL	1.6 L 16V DOHC L4	2009	2013							
			1.6 L 8V SOHC L4	2009	2013							
25DDN011		CLIO	1.0 L 16V SOHC L4	2005	2016	SÓLIDO	4	41,2mm	61mm	259mm	-	10mm
		LOGAN	1.0 L 16V SOHC L4	2007	2013							
			1.6 L 16V DOHC L4	2007	2013							
			1.6 L 8V SOHC L4	2007	2017							
		SANDERO	1.0 L 16V SOHC L4	2007	2016							
			1.6 L 16V DOHC L4	2007	2018							
			1.6 L 8V SOHC L4	2007	2017							
25DDN012		CLIO	1.0 L 16V SOHC L4	2000	2016	VENTILADO	4	41mm	61mm	259mm	-	18,5mm
			1.0 L 8V SOHC L4	1999	2006							
			1.6 L 16V DOHC L4	2000	2009							
			1.6 L 8V SOHC L4	1998	2002							
		EXPRESS	1.6 L 8V SOHC L4	1996	2001							
		KANGOO	1.0 L 16V SOHC L4	2002	2007							
			1.0 L 8V SOHC L4	1999	2007							
			1.6 L 16V DOHC L4	2002	2007							
		LOGAN	1.0 L 16V SOHC L4	2007	2013							
			1.6 L 16V DOHC L4	2007	2013							
			1.6 L 8V SOHC L4	2007	2013							
		MEGANE	1.6 L 16V DOHC L4	1997	2006							
			1.6 L 8V SOHC L4	1997	2006							
			2.0 L 16V DOHC L4	2001	2005							
			2.0 L 8V SOHC L4	1997	2001							

Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
25DDN012		R19	1.8 L 16V DOHC L4	1994	1995	VENTILADO	4	41mm	61mm	259mm	-	18,5mm
		SANDERO	1.0 L 16V SOHC L4	2007	2014							
			1.6 L 16V DOHC L4	2007	2015							
			1.6 L 8V SOHC L4	2007	2014							
		SCENIC	1.6 L 16V DOHC L4	1999	2010							
			2.0 L 16V DOHC L4	2002	2009							
			2.0 L 8V SOHC L4	1999	2001							
		SYMBOL	1.6 L 16V DOHC L4	2009	2013							
			1.6 L 8V SOHC L4	2009	2013							
25DDN012A		CLIO	1.0 L 16V SOHC L4	2000	2005	VENTILADO	4	41mm	61mm	259mm	-	18mm
			1.6 L 16V DOHC L4	1999	2009							
			1.6 L 8V SOHC L4	1996	2002							
		EXPRESS	1.6 L 8V SOHC L4	1996	2001							
		KANGOO	1.0 L 16V SOHC L4	2002	2007							
			1.0 L 8V SOHC L4	2002	2007							
			1.6 L 16V DOHC L4	2002	2018							
			1.6 L 8V SOHC L4	1998	2001							
		LOGAN	1.6 L 16V DOHC L4	2007	2021							
			1.6 L 8V SOHC L4	2007	2015							
		MEGANE	2.0 L 8V SOHC L4	1997	2001							
		SANDERO	1.6 L 16V DOHC L4	2007	2021							
		TWINGO	1.2 L 8V SOHC L4	1993	1997							
25DDN030		KWID	1.0 L 12V DOHC L3	2017	2024	SÓLIDO	3	39mm	61mm	215mm	-	9,2mm
25DDN031		KWID	1.0 L 12V DOHC L3	2017	2024	VENTILADO	3	41mm	61mm	238mm	-	15mm
25DDN035		KANGOO	1.6 L 16V DOHC L4	2008	2018	VENTILADO	4	44mm	61mm	258mm	-	20mm
		LOGAN	1.0 L 12V DOHC L3	2017	2024							
			1.0 L 16V SOHC L4	2013	2016							
			1.6 L 16V DOHC L4	2017	2021							
			1.6 L 8V SOHC L4	2013	2017							
			1.0 L 12V DOHC L3	2017	2020							
		SANDERO	1.0 L 16V SOHC L4	2014	2016							
			1.6 L 16V DOHC L4	2014	2021							
			1.6 L 8V SOHC L4	2014	2017							
25DDN038		MASTER	2.3 L 16V DOHC L4	2013	2021	VENTILADO	5	70mm	90mm	302mm	-	24,5mm



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Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
25DDN067		GRAN TOUR	1.6 L 16V DOHC L4	2011	2012	VENTILADO	4	44mm	61mm	280mm	-	22mm
		LAGUNA	3.0 L 24V DOHC V6	1997	2007							
		MEGANE	1.6 L 16V DOHC L4	1997	2012							
			1.6 L 8V SOHC L4	1997	2006							
			2.0 L 16V DOHC L4	2001	2014							
			2.0 L 8V SOHC L4	1997	2001							
		SCENIC	1.6 L 16V DOHC L4	1999	2010							
			2.0 L 16V DOHC L4	2002	2009							
			2.0 L 8V SOHC L4	1999	2001							
25DDN068		LAGUNA	3.0 L 24V DOHC V6	1999	2000	VENTILADO	4	44mm	61mm	280mm	-	22mm
		MEGANE	1.6 L 16V DOHC L4	1997	2014							
			1.6 L 8V SOHC L4	1997	2006							
			2.0 L 16V DOHC L4	2001	2011							
			2.0 L 8V SOHC L4	1997	2001							
		SANDERO	1.0 L 12V DOHC L3	2018	2022							
			2.0 L 16V DOHC L4	2015	2022							
		SCENIC	1.6 L 16V DOHC L4	1999	2001							
25DTR010		CLIO	1.0 L 16V SOHC L4	2000	2016	SÓLIDO	4	80,5mm	54,8mm	240mm	-	7mm
			1.0 L 8V SOHC L4	1999	2006							
			1.6 L 16V DOHC L4	2000	2009							
			1.6 L 8V SOHC L4	1998	2002							
		MEGANE	1.6 L 16V DOHC L4	1997	2012							
			1.6 L 8V SOHC L4	1997	2006							
			2.0 L 16V DOHC L4	2001	2014							
			2.0 L 8V SOHC L4	1997	2001							
		SANDERO	2.0 L 16V DOHC L4	2015	2019							
25DTR020		FLUENCE	1.6 L 16V DOHC L4	2012	2014	SÓLIDO	5	86mm	55mm	260mm	-	7mm
			2.0 L 16V DOHC L4	2011	2019							
		MEGANE	1.6 L 16V DOHC L4	2011	2011							
			2.0 L 16V DOHC L4	2009	2014							
25DTR033		LAGUNA	2.0 L 16V DOHC L4	1995	2001	SÓLIDO	4	44,4mm	66mm	265mm	-	9,5mm
			2.0 L 8V SOHC L4	1995	2001							
		SAFRANE	2.0 L 12V DOHC L4	1992	1996							



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Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final			Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
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25DTR038		MASTER	2.3 L 16V DOHC L4	2013	2024		SÓLIDO	5	71,5mm	90mm	305mm	-	10,5mm
25DTR040		MASTER	2.5 L 16V DOHV L4	2004	2013		SÓLIDO	5	66,5mm	90mm	305mm	-	10,5mm
			2.8 L 8V SOHV L4	2002	2004								

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05DDN017		CORDOBA	1.6 L 8V SOHC L4	1999	2002	SÓLIDO		4	35mm	65mm	239mm	-	10mm
			1.8 L 8V SOHC L4	1995	1999								
		IBIZA	1.0 L 16V DOHC L4	1999	2002								
			1.6 L 8V SOHC L4	1995	2009								
			1.8 L 8V SOHC L4	1994	1999								
05DDN018		CORDOBA	1.6 L 8V SOHC L4	1999	2002	VENTILADO		4	38,7mm	65,02mm	239mm	-	18mm
			1.8 L 8V SOHC L4	1994	2002								
		IBIZA	1.0 L 16V DOHC L4	1999	2002								
			1.6 L 8V SOHC L4	1999	2004								
			1.8 L 8V SOHC L4	1994	1999								
05DDN033		CORDOBA	1.6 L 8V SOHC L4	1999	2002	VENTILADO		4	38,7mm	65mm	256mm	-	18mm
			1.8 L 8V SOHC L4	1994	2002								
		IBIZA	1.0 L 16V DOHC L4	1999	2002								
			1.6 L 8V SOHC L4	1995	2004								
			1.8 L 8V SOHC L4	1994	1999								
		INCA	1.6 L 8V SOHC L4	1998	2003								
05DDN038		INCA	1.6 L 8V SOHC L4	1998	2003	SÓLIDO		4	39mm	-	256mm	-	-
08DDN004		CORDOBA	1.6 L 8V SOHC L4	1999	2002	SÓLIDO		4	38,6mm	65mm	239mm	-	8mm
			1.8 L 8V SOHC L4	1994	2002								
		IBIZA	1.0 L 16V DOHC L4	1999	2002								
			1.6 L 8V SOHC L4	1999	2004								
			1.8 L 8V SOHC L4	1994	1999								

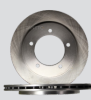
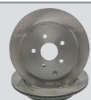
SUBARU

27DDN008		FORESTER	2.0 L 16V DOHC BOXER 4	1997	2021	VENTILADO		5	56,8mm	58mm	276mm	-	22mm
			2.5 L 16V DOHC BOXER 4	2009	2014								
		IMPREZA	2.0 L 16V DOHC BOXER 4	1992	1998								



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Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
27DDN008		LEGACY	2.0 L 16V DOHC BOXER 4	1992	1998	VENTILADO	5	56,8mm	58mm	276mm	-	22mm
			2.2 L 8V SOHC BOXER 4	1990	1997							
			2.5 L 16V DOHC BOXER 4	1997	2001							
27DDN017		FORESTER	2.0 L 16V DOHC BOXER 4	2013	2018	VENTILADO	5	56,8mm	58mm	316mm	-	28mm
		OUTBACK	3.6 L 24V DOHC BOXER 6	2009	2015							
SUZUKI												
04DDN129		SIDEKICK	1.6 L 16V DOHC L4	1992	1994	VENTILADO	5	46mm	107mm	287mm	-	15mm
		VITARA	1.6 L 16V DOHC L4	1992	2021							
			1.6 L 8V SOHC L4	1993	1998							
			2.0 L 24V DOHC V6	1996	1998							
04DDN130		JIMNY	1.3 L 16V DOHC L4	1998	2024	SÓLIDO	5	47,5mm	107mm	289mm	-	8mm
		SAMURAI	1.3 L 8V SOHC L4	1993	2004							
		SIDEKICK	1.6 L 16V DOHC L4	1992	1994							
		VITARA	1.6 L 16V DOHC L4	1991	1998							
			1.6 L 8V SOHC L4	1993	1998							
			2.0 L 24V DOHC V6	1996	1998							
04DDN132		GRAND VITARA	1.6 L 16V DOHC L4	2000	2004	VENTILADO	5	29mm	108mm	308mm	308mm	20mm
			2.0 L 16V DOHC L4	1998	2016							
			3.2 L 24V DOHC V6	2010	2011							
04DDN133		GRAND VITARA	1.6 L 16V DOHC L4	2000	2004	VENTILADO	5	29mm	108,02mm	287mm	-	15mm
			2.0 L 16V DOHC L4	1998	2005							
27DDN008		SUPER CARRY	1.0 L 8V SOHC L4	1995	1999	VENTILADO	5	56,8mm	58mm	276mm	-	22mm
28DDN005		S-CROSS	1.4 L 16V DOHC L4	2017	2019	VENTILADO	5	47mm	62mm	280mm	-	20mm
			1.6 L 16V DOHC L4	2015	2019							
		SX4	2.0 L 16V DOHC L4	2006	2015							
		VITARA	1.4 L 16V DOHC L4	2016	2024							
			1.6 L 16V DOHC L4	2016	2020							
28DDN006		GRAND VITARA	2.0 L 16V DOHC L4	2009	2017	VENTILADO	5	49mm	62mm	295mm	-	23mm
			3.2 L 24V DOHC V6	2009	2011							
28DTR004		GRAND VITARA	2.0 L 16V DOHC L4	2008	2016	VENTILADO	5	57mm	62mm	308mm	-	14mm
			3.2 L 24V DOHC V6	2009	2011							



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Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
28DTR005		S-CROSS	1.4 L 16V DOHC L4	2017	2019	SÓLIDO	5	43,5mm	62mm	259mm	-	8mm
			1.6 L 16V DOHC L4	2015	2019							
		SWIFT	1.6 L 16V DOHC L4	2014	2015							
		VITARA	1.4 L 16V DOHC L4	2016	2024							
			1.6 L 16V DOHC L4	2016	2020							
68DDN001		SUPER CARRY	1.0 L 8V SOHC L4	1995	1999	SÓLIDO	4	33mm	86mm	215mm	-	8mm
TOYOTA												
02DDN010		COROLLA	1.6 L 16V DOHC L4	2002	2009	VENTILADO	4	49,5mm	55mm	255mm	-	-
			1.8 L 16V DOHC L4	2002	2009							
02DDN012		COROLLA	1.6 L 16V DOHC L4	1992	2002	VENTILADO	4	48,2mm	55mm	255,00mm	-	-
			1.8 L 16V DOHC L4	1998	2002							
02DDN014		COROLLA	1.8 L 16V DOHC L4	2019	2024	VENTILADO	5	46,50mm	-	282,00mm	-	-
		COROLLA CROSS	2.0 L 16V DOHC L4	2023	2024							
02DDN015		COROLLA	1.6 L 16V DOHC L4	2010	2011	VENTILADO	5	49,5mm	55mm	273mm	-	-
			1.8 L 16V DOHC L4	2008	2019							
			2.0 L 16V DOHC L4	2010	2018							
02DDN016		COROLLA	1.8 L 16V DOHC L4	2014	2019	VENTILADO	5	49,5mm	55mm	277mm	-	-
			2.0 L 16V DOHC L4	2014	2019							
02DDN021		ETIOS	1.3 L 16V DOHC L4	2012	2021	VENTILADO	4	45mm	55mm	257mm	-	-
			1.5 L 16V DOHC L4	2012	2023							
		ETIOS CROSS	1.5 L 16V DOHC L4	2013	2016							
		ETIOS SEDAN	1.5 L 16V DOHC L4	2012	2023							
		YARIS	1.3 L 16V DOHC L4	2018	2022							
			1.5 L 16V DOHC L4	2018	2024							
		YARIS SEDAN	1.5 L 16V DOHC L4	2018	2024							
02DDN025		HILUX	2.4 L 8V OHC L4	1997	2001	VENTILADO	5	46,5mm	84mm	257mm	-	-
			2.7 L 16V DOHC L4	2001	2004							
			2.8 L 8V OHC L4	1994	1998							
			3.0 L 8V OHC L4	2002	2007							
02DDN027B		HILUX	2.5 L 16V DOHC L4	2005	2011	VENTILADO	6	67,5mm	108mm	297mm	-	-
			2.7 L 16V DOHC L4	2008	2015							
			3.0 L 16V DOHC L4	2005	2015							



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Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
02DDN027C		HILUX	2.5 L 16V DOHC L4	2005	2011	VENTILADO	6	67,5mm	108mm	319mm	-	-
			2.7 L 16V DOHC L4	1998	2015							
			2.8 L 16V DOHC L4	2015	2024							
			3.0 L 16V DOHC L4	2005	2015							
			3.0 L 8V OHC L4	2002	2005							
			4.0 L 24V DOHC V6	2020	2020							
		HILUX SW4	2.7 L 16V DOHC L4	2008	2015							
			2.8 L 16V DOHC L4	2020	2024							
			3.0 L 16V DOHC L4	2005	2015							
			3.0 L 8V OHC L4	2002	2005							
			4.0 L 24V DOHC V6	2009	2013							
02DDN029		HILUX	2.8 L 16V DOHC L4	2019	2024	VENTILADO	6	67,50mm	-	319,00mm	-	-
02DDN033		HILUX SW4	3.4 L 24V DOHC V6	1995	2002	VENTILADO	6	70,00mm	-	319mm	-	-
02DDN045		RAV4	2.0 L 16V DOHC L4	2000	2005	VENTILADO	5	49mm	62mm	275mm	-	-
02DDN046		PRIUS	1.8 L 16V DOHC L4	2012	2018	VENTILADO	5	46,5mm	62mm	275mm	-	-
		RAV4	2.0 L 16V DOHC L4	2013	2015							
			2.4 L 16V DOHC L4	2005	2013							
			2.5 L 16V DOHC L4	2013	2015							
02DDN047		CAMRY	3.5 L 24V DOHC V6	2006	2017	VENTILADO	5	49,5mm	62mm	296mm	-	-
		RAV4	2.0 L 16V DOHC L4	2013	2015							
			2.5 L 16V DOHC L4	2013	2015							
02DTR010		COROLLA	1.6 L 16V DOHC L4	2002	2009		4	56mm	55mm	258mm	-	-
			1.8 L 16V DOHC L4	2002	2009							
02DTR016		COROLLA	1.8 L 16V DOHC L4	2008	2019		5	37mm	55mm	270mm	-	8mm
			2.0 L 16V DOHC L4	2010	2024							
02DTR029		HILUX	2.7 L 16V DOHC L4	2017	2023	VENTILADO	6	68mm	108mm	312mm	-	-
			2.8 L 16V DOHC L4	2015	2024							
		HILUX SW4	2.7 L 16V DOHC L4	2016	2023							
			2.8 L 16V DOHC L4	2016	2024							
			4.0 L 24V DOHC V6	2016	2017							
02DTR046		RAV4	2.0 L 16V DOHC L4	2013	2015		5	55mm	62mm	281mm	-	10,5mm
			2.4 L 16V DOHC L4	2005	2012							
			2.5 L 16V DOHC L4	2013	2015							
02DTR053		LAND CRUISER	3.0 L 16V DOHC L4	2002	2009		6	68,30mm	106,1mm	312mm	312mm	16mm



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Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
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TROLLER

03DDN110		T4	3.0 L 16V DOHC L4	2012	2012	VENTILADO		6	61,5mm	98mm	301,50mm	-	30mm
			3.2 L 20V DOHC L5	2014	2021								
			3.2 L 8V SOHC L4	2013	2014								
17DDN001		TROLLER	2.0 L 8V SOHC L4	1996	1998	VENTILADO		5	81,5mm	72mm	280mm	-	22,5mm
56DTR001		T4	3.2 L 20V DOHC L5	2014	2019		SÓLIDO	6	100mm	93mm	306mm	-	18mm
			3.2 L 8V SOHC L4	2013	2014								
56DTR009		T4	3.0 L 16V DOHC L4	2012	2012		SÓLIDO	6	71,50mm	-	306mm	-	-
			3.2 L 20V DOHC L5	2014	2019								
			3.2 L 8V SOHC L4	2013	2015								
		TROLLER	2.8 L 12V SOHC L4	2002	2006								
			3.0 L 16V DOHC L4	2006	2011								
56DTR009B		T4	3.0 L 16V DOHC L4	2012	2012		SÓLIDO	6	66,50mm	-	306mm	-	-
			3.2 L 8V SOHC L4	2013	2015								
		TROLLER	2.8 L 12V SOHC L4	2002	2006								
			3.0 L 16V DOHC L4	2006	2011								

VOLKSWAGEN

03DDN033		POINTER	1.8 L 8V SOHC L4	1993	1997	VENTILADO		4	43,80mm	-	260mm	-	-
			2.0 L 8V SOHC L4	1993	1997								
03DDN057		LOGUS	1.6 L 8V SOHC L4	1993	1996	VENTILADO		4	43mm	63,6mm	239,5mm	-	18mm
			1.8 L 8V SOHC L4	1992	1996								
			2.0 L 8V SOHC L4	1992	1997								
		POINTER	1.8 L 8V SOHC L4	1994	1997								
			2.0 L 8V SOHC L4	1993	1996								
05DDN001		AMAROK	2.0 L 16V DOHC L4	2010	2023	VENTILADO		5	57mm	76mm	303mm	-	26mm
05DDN002		APOLLO	1.8 L 8V SOHC L4	1990	1992	VENTILADO		4	58mm	63,6mm	239,5mm	-	22mm
05DDN003		AMAROK	3.0 L 24V DOHC V6	2017	2024	VENTILADO		5	57,50mm	-	332mm	-	-
05DDN011		CROSSFOX	1.6 L 8V SOHC L4	2005	2014	VENTILADO		5	34mm	65mm	239mm	-	16mm
		FOX	1.0 L 12V DOHC L3	2013	2018								
			1.0 L 8V SOHC L4	2003	2015								
			1.6 L 8V SOHC L4	2003	2021								
		POLO	1.0 L 16V DOHC L4	2002	2005								
		SPACEFOX	1.6 L 8V SOHC L4	2006	2018								



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Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
05DDN012		CROSSFOX	1.6 L 16V DOHC L4	2014	2018	VENTILADO	5	37mm	65mm	280mm	-	19mm
			1.6 L 8V SOHC L4	2011	2014							
		FOX	1.0 L 12V DOHC L3	2013	2019							
			1.0 L 8V SOHC L4	2009	2021							
			1.6 L 16V DOHC L4	2014	2018							
			1.6 L 8V SOHC L4	2011	2023							
		SPACECROSS	1.6 L 16V DOHC L4	2014	2018							
			1.6 L 8V SOHC L4	2010	2013							
		SPACEFOX	1.6 L 16V DOHC L4	2013	2018							
			1.6 L 8V SOHC L4	2010	2019							
05DDN016		BRASILIA	1.3 L 8V SOHC BOXER 4 AR	1980	1982	SÓLIDO	4	83,8mm	50,2mm	278mm	-	8mm
			1.6 L 8V SOHC BOXER 4 AR	1973	1982							
		FUSCA	1.3 L 8V SOHC BOXER 4 AR	1968	1986							
			1.5 L 8V SOHC BOXER 4 AR	1970	1976							
			1.6 L 8V SOHC BOXER 4 AR	1969	1997							
		KARMANN-GHIA	1.6 L 8V SOHC BOXER 4 AR	1970	1976							
		VARIANT	1.6 L 8V SOHC BOXER 4 AR	1969	1981							
			1.6 L 8V SOHC BOXER 4 AR	1969	1981							
05DDN017		GOL	1.0 L 16V DOHC L4	1997	2005	SÓLIDO	4	35mm	65mm	239mm	-	10mm
			1.0 L 8V OHV L4	1994	1997							
			1.0 L 8V SOHC L4	1992	2016							
			1.3 L 8V SOHC BOXER 4 AR	1980	1981							
			1.3 L 8V SOHC BOXER4	1980	1981							
			1.6 L 8V OHV BOXER4	1982	1984							
			1.6 L 8V SOHC BOXER 4 AR	1981	1986							
			1.6 L 8V SOHC L4	1985	2016							
			1.8 L 8V SOHC L4	1984	2008							
			2.0 L 16V DOHC L4	1995	2002							
			2.0 L 8V SOHC L4	1989	1996							
		GOLF	1.8 L 8V SOHC L4	1994	1999							
		PARATI	1.0 L 16V DOHC L4	1997	2003							
			1.6 L 8V SOHC L4	1982	1999							

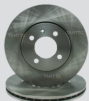
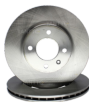
Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final			Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
05DDN017		PARATI	1.8 L 8V SOHC L4	1988	1998	SÓLIDO		4	35mm	65mm	239mm	-	10mm
			2.0 L 16V DOHC L4	1996	1999								
			2.0 L 8V SOHC L4	1995	1996								
		PASSAT	1.5 L 8V SOHC L4	1974	1982								
			1.6 L 8V SOHC L4	1982	1989								
			1.8 L 8V SOHC L4	1984	1991								
		QUANTUM	1.8 L 8V SOHC L4	1985	1996								
			2.0 L 8V SOHC L4	1985	1996								
		SANTANA	1.8 L 8V SOHC L4	1984	1996								
			2.0 L 8V SOHC L4	1984	1998								
		SAVEIRO	1.6 L 8V SOHC BOXER 4 AR	1982	1986								
			1.6 L 8V SOHC L4	1985	2003								
			1.8 L 8V SOHC L4	1989	1996								
		VOYAGE	1.5 L 8V SOHC L4	1981	1982								
			1.6 L 8V SOHC L4	1983	1995								
			1.8 L 8V SOHC L4	1986	1995								
05DDN018		GOL	1.0 L 16V DOHC L4	1997	2005	VENTILADO		4	38,7mm	65,02mm	239mm	-	18mm
			1.0 L 8V OHV L4	1994	1997								
			1.0 L 8V SOHC L4	1992	2007								
			1.6 L 8V SOHC L4	1993	2008								
			1.8 L 8V SOHC L4	1987	2009								
			2.0 L 16V DOHC L4	1994	2002								
			2.0 L 8V SOHC L4	1989	2002								
		PARATI	1.0 L 16V DOHC L4	1997	2004								
			1.6 L 8V SOHC L4	1993	2012								
			1.8 L 8V SOHC L4	1995	2008								
			2.0 L 16V DOHC L4	1996	2000								
			2.0 L 8V SOHC L4	1995	2005								
		QUANTUM	1.8 L 8V SOHC L4	1985	1994								
			2.0 L 8V SOHC L4	1985	1994								
		SANTANA	1.8 L 8V SOHC L4	1984	1994								
			2.0 L 8V SOHC L4	1984	1994								
		SAVEIRO	1.6 L 8V SOHC L4	1997	2009								
			1.8 L 8V SOHC L4	1996	2009								
			2.0 L 8V SOHC L4	1997	2004								



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Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
05DDN019B		GOL	1.0 L 12V DOHC L3	2016	2022	VENTILADO	4	34mm	65mm	239mm	-	16mm
			1.0 L 8V SOHC L4	2008	2016							
			1.6 L 16V DOHC L4	2018	2021							
			1.6 L 8V SOHC L4	2008	2021							
		POLO	1.0 L 16V DOHC L4	2002	2003							
		VOYAGE	1.0 L 12V DOHC L3	2016	2024							
			1.0 L 8V SOHC L4	2008	2015							
			1.6 L 8V SOHC L4	2008	2018							
05DDN019C		GOL	1.0 L 12V DOHC L3	2016	2018	VENTILADO	4	33,5mm	65mm	256mm	-	16mm
			1.0 L 8V SOHC L4	2008	2016							
			1.6 L 16V DOHC L4	2018	2018							
			1.6 L 8V SOHC L4	2008	2018							
			1.8 L 8V SOHC L4	2005	2008							
		SAVEIRO	1.6 L 16V DOHC L4	2016	2024							
			1.6 L 8V SOHC L4	2009	2024							
		VOYAGE	1.0 L 12V DOHC L3	2016	2022							
			1.0 L 8V SOHC L4	2008	2015							
			1.6 L 16V DOHC L4	2019	2021							
			1.6 L 8V SOHC L4	2008	2014							
05DDN024		GOL	1.0 L 12V DOHC L3	2016	2018	VENTILADO	4	37mm	65mm	280mm	-	19mm
			1.0 L 8V SOHC L4	2013	2016							
			1.6 L 16V DOHC L4	2014	2015							
			1.6 L 8V SOHC L4	2013	2018							
		SAVEIRO	1.6 L 16V DOHC L4	2014	2016							
			1.6 L 8V SOHC L4	2014	2016							
		VOYAGE	1.0 L 12V DOHC L3	2016	2024							
			1.0 L 8V SOHC L4	2012	2015							
			1.6 L 16V DOHC L4	2019	2023							
05DDN025		CROSS UP!	1.0 L 12V DOHC L3	2014	2017	VENTILADO	4	36,5mm	65mm	256mm	-	19mm
		GOL	1.0 L 8V SOHC L4	2012	2016							
			1.6 L 16V DOHC L4	2014	2015							
			1.6 L 8V SOHC L4	2013	2015							
			1.6 L 8V SOHC L4	2013	2015							

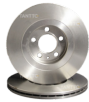
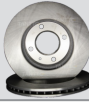
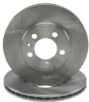
Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
05DDN025		SAVEIRO	1.6 L 16V DOHC L4	2014	2024	VENTILADO	4	36,5mm	65mm	256mm	-	19mm
			1.6 L 8V SOHC L4	2014	2024							
		UP!	1.0 L 12V DOHC L3	2014	2023							
		VOYAGE	1.0 L 12V DOHC L3	2016	2024							
			1.0 L 8V SOHC L4	2012	2015							
			1.6 L 8V SOHC L4	2012	2019							
05DDN033		GOL	1.0 L 8V OHV L4	1994	1996	VENTILADO	4	38,7mm	65mm	256mm	-	18mm
			1.0 L 8V SOHC L4	1997	2010							
			1.6 L 8V SOHC L4	1993	2008							
			1.8 L 8V SOHC L4	1994	2008							
			2.0 L 16V DOHC L4	1994	2002							
			2.0 L 8V SOHC L4	1988	1996							
		GOLF	1.6 L 8V SOHC L4	1996	1999							
			1.8 L 8V SOHC L4	1994	1999							
			2.0 L 8V SOHC L4	1994	1999							
			2.8 L 12V SOHC V6	1992	1997							
			2.8 L 24V DOHC V6	2002	2003							
		PARATI	1.0 L 16V DOHC L4	1997	2004							
			1.6 L 8V SOHC L4	1993	2012							
			1.8 L 8V SOHC L4	1995	2008							
			2.0 L 16V DOHC L4	1996	2001							
			2.0 L 8V SOHC L4	1995	2005							
		PASSAT	1.8 L 20V DOHC L4	1996	2000							
			2.0 L 8V SOHC L4	1995	1997							
			2.8 L 12V SOHC V6	1991	1997							
			2.8 L 30V DOHC V6	2003	2005							
		PASSAT VARIANT	1.8 L 20V DOHC L4	1997	2005							
			2.0 L 8V SOHC L4	1994	1997							
			2.8 L 30V DOHC V6	1997	2005							
		POLO CLASSIC	1.8 L 8V SOHC L4	1996	2003							
		QUANTUM	1.8 L 8V SOHC L4	1985	2001							
			2.0 L 8V SOHC L4	1985	2001							
		SANTANA	1.8 L 8V SOHC L4	1984	2006							
			2.0 L 8V SOHC L4	1984	2006							



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Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
05DDN033		SAVEIRO	1.6 L 8V SOHC L4	1996	2009		4	38,7mm	65mm	256mm	-	18mm
			1.8 L 8V SOHC L4	1996	2009							
			2.0 L 8V SOHC L4	1997	2005							
		VAN	1.6 L 8V SOHC L4	1998	2003							
05DDN036		GOLF	2.0 L 16V DOHC L4	2013	2019		9	49,50mm	-	340,00mm	-	-
		PASSAT	2.0 L 16V DOHC L4	2015	2021							
		TIGUAN	1.4 L 16V DOHC L4	2016	2019							
			2.0 L 16V DOHC L4	2009	2024							
05DDN038		GOLF	1.8 L 8V SOHC L4	1994	1997		4	39mm	-	256mm	-	-
		PASSAT	1.8 L 20V DOHC L4	1996	2000							
			2.0 L 8V SOHC L4	1995	1997							
			2.8 L 12V SOHC V6	1991	1997							
			2.8 L 30V DOHC V6	1997	2005							
		PASSAT VARIANT	1.8 L 20V DOHC L4	1997	2005							
			2.0 L 8V SOHC L4	1994	1997							
			2.8 L 12V SOHC V6	1991	1997							
			2.8 L 30V DOHC V6	1997	2005							
			1.3 L 8V SOHC BOXER 4 AR	1981	1981							
			1.4 L 8V SOHC L4	2006	2014							
05DDN048		KOMBI	1.5 L 8V SOHC BOXER 4 AR	1967	1975		5	86mm	66,1mm	278mm	-	11mm
			1.6 L 8V OHV L4	1981	1987							
			1.6 L 8V SOHC BOXER 4 AR	1976	2007							
			1.0 L 12V DOHC L3	2020	2024							
			1.0 L 12V DOHC L3	2017	2022							
05DDN078		POLO	1.4 L 16V DOHC L4	2019	2022		5	44mm	65mm	276mm	-	21mm
			1.6 L 16V DOHC L4	2017	2022							
			1.0 L 12V DOHC L3	2019	2024							
		T-CROSS	1.4 L 16V DOHC L4	2019	2024							
			1.0 L 12V DOHC L3	2017	2022							
		VIRTUS	1.0 L 12V DOHC L3	2017	2022							
05DDN079		POLO	1.0 L 12V DOHC L3	2023	2024		4	44,00mm	-	256,00mm	-	-
05DDN086		BORA	2.0 L 8V SOHC L4	2000	2010		5	36,5mm	65mm	280mm	-	19mm
		GOLF	1.6 L 8V SOHC L4	1999	2007							
			1.8 L 20V DOHC L4	1999	2008							

Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final			Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
05DDN086		GOLF	1.8 L 8V SOHC L4	1994	1997	VENTILADO		5	36,5mm	65mm	280mm	-	19mm
			2.0 L 16V DOHC L4	2013	2018								
			2.0 L 8V SOHC L4	1994	2014								
		NEW BEETLE	2.0 L 8V SOHC L4	2000	2011								
		POLO	1.8 L 20V DOHC L4	2005	2009								
			2.0 L 8V SOHC L4	2002	2012								
		POLO SEDAN	2.0 L 8V SOHC L4	2002	2014								
05DDN120		CROSS UP!	1.0 L 12V DOHC L3	2014	2017	VENTILADO		4	39mm	65mm	236mm	-	19mm
		UP!	1.0 L 12V DOHC L3	2014	2023								
05DDN123		POLO	1.0 L 12V DOHC L3	2017	2024	VENTILADO		5	44mm	65mm	256mm	-	19mm
			1.6 L 16V DOHC L4	2017	2022								
		VIRTUS	1.6 L 16V DOHC L4	2019	2023								
05DTR033		GOL	2.0 L 16V DOHC L4	1994	2002	SÓLIDO		4	71,2mm	50,2mm	226mm	-	8mm
			2.0 L 8V SOHC L4	1994	1999								
		GOLF	1.6 L 8V SOHC L4	1998	1999								
			1.8 L 20V DOHC L4	1997	2002								
			1.8 L 8V SOHC L4	1994	1997								
		GOLF	2.0 L 8V SOHC L4	1992	1999								
			2.8 L 12V SOHC V6	1997	1997								
			2.8 L 24V DOHC V6	2002	2003								
		PASSAT	1.8 L 20V DOHC L4	1996	2005								
			2.0 L 8V SOHC L4	1995	1997								
			2.8 L 12V SOHC V6	1991	1997								
			2.8 L 30V DOHC V6	1997	2005								
		PASSAT VARIANT	1.8 L 20V DOHC L4	1997	2005								
			2.0 L 8V SOHC L4	1994	1997								
			2.8 L 12V SOHC V6	1991	1997								
			2.8 L 30V DOHC V6	1997	2000								
05DTR039		FUSCA	2.0 L 16V DOHC L4	2012	2016	SÓLIDO		9	51,5mm	65mm	253mm	-	8mm
		GOLF	1.0 L 12V DOHC L3	2016	2018								
			1.6 L 16V DOHC L4	2015	2016								
		JETTA	1.4 L 16V DOHC L4	2015	2020								
			2.0 L 16V DOHC L4	2010	2018								



APLICAÇÕES

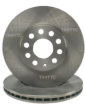
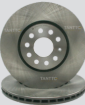
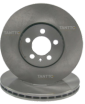
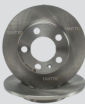
Applicazioni / Applications

Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo	
05DTR041		JETTA	1.4 L 16V DOHC L4	2019	2023		SÓLIDO	9	58,50mm	-	272mm	-	-
			2.0 L 16V DOHC L4	2019	2022								
		TAOS	1.4 L 16V DOHC L4	2021	2024								
05DTR097		SAVEIRO	1.6 L 16V DOHC L4	2014	2016		SÓLIDO	4	41mm	65mm	230mm	-	7mm
			1.6 L 8V SOHC L4	2014	2016								
05DTR109		NIVUS	1.0 L 12V DOHC L3	2020	2024		SÓLIDO	5	40,5mm	65mm	230mm	-	7mm
		POLO	1.0 L 12V DOHC L3	2017	2024								
		T-CROSS	1.0 L 12V DOHC L3	2019	2024								
			1.4 L 16V DOHC L4	2019	2024								
		VIRTUS	1.0 L 12V DOHC L3	2017	2022								
08DDN007		CROSSFOX	1.6 L 8V SOHC L4	2005	2014	VENTILADO		5	36,5mm	65mm	256mm	-	19mm
		FOX	1.0 L 12V DOHC L3	2015	2018								
			1.0 L 8V SOHC L4	2003	2014								
			1.6 L 16V DOHC L4	2014	2018								
			1.6 L 8V SOHC L4	2003	2021								
		GOLF	1.6 L 8V SOHC L4	1999	2014								
			1.8 L 20V DOHC L4	1999	2007								
			2.0 L 8V SOHC L4	1994	2013								
		POLO	1.6 L 8V SOHC L4	2002	2014								
		POLO SEDAN	1.6 L 8V SOHC L4	2002	2014								
		SPACECROSS	1.6 L 16V DOHC L4	2014	2018								
			1.6 L 8V SOHC L4	2010	2014								
		SPACEFOX	1.6 L 16V DOHC L4	2014	2018								
			1.6 L 8V SOHC L4	2006	2019								
08DDN013		JETTA	2.0 L 16V DOHC L4	2011	2020	VENTILADO		5	50mm	65mm	280mm	-	19mm
			2.0 L 8V SOHC L4	2011	2016								
08DDN014		GOLF	1.0 L 12V DOHC L3	2016	2019	VENTILADO		5	50mm	65mm	288mm	-	22mm
			1.4 L 16V DOHC L4	2013	2020								
			1.6 L 16V DOHC L4	2015	2016								
			1.6 L 8V SOHC L4	1999	2014								
			2.0 L 16V DOHC L4	2013	2019								
			2.0 L 8V SOHC L4	1999	2014								
		GOLF VARIANT	1.4 L 16V DOHC L4	2014	2019								



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Applicazioni / Applications

Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
08DDN014		JETTA	1.4 L 16V DOHC L4	2015	2020	VENTILADO	5	50mm	65mm	288mm	-	22mm
			2.0 L 16V DOHC L4	2010	2022							
			2.5 L 20V DOHC L5	2006	2013							
08DDN015		EOS	2.0 L 16V DOHC L4	2009	2011	VENTILADO	5	49,6mm	65mm	312mm	-	22mm
		FUSCA	2.0 L 16V DOHC L4	2012	2016							
		GOLF	1.0 L 12V DOHC L3	2016	2019							
			1.4 L 16V DOHC L4	2013	2020							
			1.6 L 16V DOHC L4	2016	2016							
			1.6 L 8V SOHC L4	2008	2014							
			2.0 L 16V DOHC L4	2013	2019							
		JETTA	1.4 L 16V DOHC L4	2015	2020							
			2.0 L 16V DOHC L4	2011	2022							
		PASSAT	2.0 L 16V DOHC L4	2005	2020							
			3.2 L 24V DOHC V6	2005	2010							
			3.6 L 24V DOHC V6	2009	2014							
		PASSAT VARIANT	1.8 L 20V DOHC L4	2000	2005							
			2.0 L 16V DOHC L4	2005	2015							
			3.2 L 24V DOHC V6	2005	2010							
		TAOS	1.4 L 16V DOHC L4	2021	2024							
		TIGUAN	1.4 L 16V DOHC L4	2016	2019							
			2.0 L 16V DOHC L4	2009	2021							
		TOUAREG	3.2 L 24V DOHC V6	2004	2006							
			3.6 L 24V DOHC V6	2005	2017							
08DDN016		GOLF	1.8 L 20V DOHC L4	1999	2008	VENTILADO	5	34,2mm	65mm	288mm	-	22mm
		POLO	1.6 L 8V SOHC L4	2002	2014							
			1.8 L 20V DOHC L4	2005	2009							
			2.0 L 8V SOHC L4	2002	2013							
		POLO SEDAN	1.6 L 8V SOHC L4	2002	2014							
			2.0 L 8V SOHC L4	2002	2014							
08DTR007		BORA	2.0 L 8V SOHC L4	2000	2010	SÓLIDO	5	39,3mm	65mm	232mm	-	7mm
		GOLF	1.6 L 8V SOHC L4	1996	2014							
			1.8 L 20V DOHC L4	1999	2008							
			2.0 L 8V SOHC L4	1994	2014							
			2.8 L 12V SOHC V6	1992	1997							



APLICAÇÕES

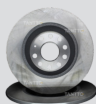
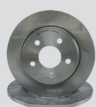
Applicazioni / Applications

Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
08DTR007		NEW BEETLE	2.0 L 8V SOHC L4	2000	2011		5	39,3mm	65mm	232mm	-	7mm
		POLO	1.0 L 12V DOHC L3	2017	2023							
			1.0 L 16V DOHC L4	2002	2005							
			1.4 L 16V DOHC L4	2019	2022							
			1.8 L 20V DOHC L4	2005	2009							
			2.0 L 8V SOHC L4	2002	2013							
		POLO SEDAN	2.0 L 8V SOHC L4	2002	2014							
08DTR010		GOLF	1.6 L 8V SOHC L4	2008	2014		9	48,3mm	65mm	260mm	-	10mm
		JETTA	2.5 L 20V DOHC L5	2007	2013							
08DTR011		EOS	2.0 L 16V DOHC L4	2006	2010		5	48mm	65mm	272mm	-	9mm
		FUSCA	2.0 L 16V DOHC L4	2013	2016							
		GOLF	1.0 L 12V DOHC L3	2016	2020							
			1.4 L 16V DOHC L4	2013	2020							
			1.6 L 16V DOHC L4	2016	2021							
			2.0 L 16V DOHC L4	2013	2019							
		GOLF VARIANT	1.4 L 16V DOHC L4	2014	2019							
		JETTA	2.0 L 16V DOHC L4	2011	2020							
			2.5 L 20V DOHC L5	2007	2014							
		NEW BEETLE	1.4 L 16V DOHC L4	2013	2017							
		EOS	2.0 L 16V DOHC L4	2006	2010							
		GOLF	2.0 L 8V SOHC L4	1999	2014							
		PASSAT	2.0 L 16V DOHC L4	2005	2015							
			3.2 L 24V DOHC V6	2009	2012							
			3.6 L 24V DOHC V6	2009	2014							
		PASSAT VARIANT	2.0 L 16V DOHC L4	2007	2015							
			3.2 L 24V DOHC V6	2005	2010							
		TIGUAN	1.4 L 16V DOHC L4	2016	2019							
			2.0 L 16V DOHC L4	2009	2021							
08DTR032		PASSAT	1.8 L 20V DOHC L4	1996	2000		5	63,9mm	68mm	245mm	-	8mm
		PASSAT VARIANT	1.8 L 20V DOHC L4	1997	2005							
			2.0 L 16V DOHC L4	2005	2014							
			2.0 L 8V SOHC L4	1994	1997							
			2.8 L 30V DOHC V6	1997	2005							
			3.2 L 24V DOHC V6	2007	2010							



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Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
08DTR052		GOLF	1.0 L 12V DOHC L3	2016	2019	SÓLIDO	5	48,5mm	65mm	300mm	-	10mm
			1.4 L 16V DOHC L4	2013	2019							
			1.6 L 16V DOHC L4	2016	2016							
			2.0 L 16V DOHC L4	2013	2019							
		JETTA	2.0 L 16V DOHC L4	2019	2022							
		PASSAT	2.0 L 16V DOHC L4	2015	2020							
		TIGUAN	1.4 L 16V DOHC L4	2016	2019							
VOLVO												
03DTR063		C30	2.0 L 16V DOHC L4	2006	2012	SÓLIDO	5	41mm	63,6mm	265mm	-	9mm
			2.4 L 20V DOHC L5	2006	2010							
			2.5 L 20V DOHC L5	2007	2011							
		S40	2.4 L 20V DOHC L5	2003	2010							
			2.5 L 20V DOHC L5	2005	2009							
		V50	1.6 L 16V DOHC L4	2005	2012							
			2.0 L 16V DOHC L4	2006	2012							
			2.4 L 20V DOHC L5	2004	2010							
08DDN016		850	2.3 L 20V DOHC L5	1993	1996	VENTILADO	5	34,2mm	65mm	288mm	-	22mm
			2.4 L 20V DOHC L5	1992	1997							
		960	3.0 L 12V SOHC V6	1991	1997							
		C30	2.0 L 16V DOHC L4	2006	2012							
		S40	1.8 L 16V DOHC L4	2004	2010							
		S70	2.3 L 20V DOHC L5	1997	2000							
		S80	2.8 L 24V DOHC L6	1998	2001							
			3.0 L 24V DOHC L6	2001	2006							
		V50	2.4 L 20V DOHC L5	2004	2010							
		V60	2.0 L 16V DOHC L4	2018	2020							
		V70	2.0 L 20V DOHC L5	1997	2007							
			2.5 L 20V DOHC L5	2002	2007							
		XC90	2.0 L 16V DOHC L4	2015	2019							
			2.9 L 24V DOHC L6	2003	2006							
			3.2 L 24V DOHC L6	2006	2013							
			4.4 L 32V DOHC V8	2005	2010							



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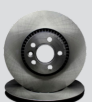
Applicazioni / Applications

Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final		Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
29DDN011		C30	2.0 L 16V DOHC L4	2007	2011	VENTILADO	5	49,00mm	-	300mm	-	-
			2.4 L 20V DOHC L5	2006	2010							
			2.5 L 20V DOHC L5	2007	2011							
		S40	1.8 L 16V DOHC L4	2004	2010							
			2.4 L 20V DOHC L5	2003	2010							
			2.5 L 20V DOHC L5	2005	2009							
		V40	1.5 L 16V DOHC L4	2015	2016							
			2.0 L 16V DOHC L4	2016	2020							
			2.0 L 20V DOHC L5	2013	2016							
29DDN022		S60	2.0 L 16V DOHC L4	2019	2021	VENTILADO	5	48,50mm	-	345,00mm	-	-
		S90	2.0 L 16V DOHC L4	2016	2024							
		XC40	2.0 L 16V DOHC L4	2018	2022							
		XC60	2.0 L 16V DOHC L4	2014	2024							
			2.4 L 16V DOHC L4	2016	2017							
		XC90	2.0 L 16V DOHC L4	2015	2024							
29DDN051		XC60	2.0 L 16V DOHC L4	2010	2015	VENTILADO	5	52mm	63,5mm	328mm	-	28mm
			2.4 L 16V DOHC L4	2016	2017							
			3.0 L 24V DOHC L6	2009	2015							
29DTR011		C30	2.0 L 16V DOHC L4	2007	2011	SÓLIDO	5	40,8mm	63,6mm	280mm	-	9mm
			2.4 L 20V DOHC L5	2006	2010							
			2.5 L 20V DOHC L5	2007	2011							
		C70	2.5 L 20V DOHC L5	2007	2010							
		S40	1.8 L 16V DOHC L4	2004	2009							
			2.4 L 20V DOHC L5	2003	2010							
			2.5 L 20V DOHC L5	2005	2009							
		V40	1.5 L 16V DOHC L4	2015	2016							
			2.0 L 16V DOHC L4	2016	2020							
			2.0 L 20V DOHC L5	2013	2016							
		V50	1.6 L 16V DOHC L4	2005	2012							
			2.0 L 16V DOHC L4	2006	2012							
			2.4 L 20V DOHC L5	2004	2010							
			2.5 L 20V DOHC L5	2004	2009							



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Tantto	Imagem	Veículo	Motor	Ano Inicial	Ano Final			Qtd. de Furos	Altura Total	Diâmetro do Furo	Diâmetro Externo	Diâmetro Interno	Diâmetro Interno Máximo
29DTR051		XC60	2.0 L 16V DOHC L4	2010	2015		VENTILADO	5	52mm	63,5mm	302mm	-	20mm
			2.4 L 16V DOHC L4	2016	2017								
			3.0 L 24V DOHC L6	2009	2015								
33DDN023		S60	2.0 L 16V DOHC L4	2010	2016	VENTILADO		5	52mm	63,5mm	300mm	-	26mm
			3.0 L 24V DOHC L6	2012	2015								
		S80	3.2 L 24V DOHC L6	2006	2010								
			2.0 L 16V DOHC L4	2012	2016								
		V60	3.0 L 24V DOHC L6	2012	2015								
			2.5 L 20V DOHC L5	2002	2007								
33DDN024		S60	2.0 L 16V DOHC L4	2010	2016	VENTILADO		5	52mm	63,5mm	316mm	-	26mm
			3.0 L 24V DOHC L6	2012	2015								
		S80	3.2 L 24V DOHC L6	2006	2010								
			2.0 L 16V DOHC L4	2012	2016								
		V60	3.0 L 24V DOHC L6	2012	2015								
			2.5 L 20V DOHC L5	2002	2007								





CONVERSÃO

Conversione / Cross Reference

N° Tantto	Fremax	Hipper Freios	MDS	Original Oem	TRW	Vigorelli
01DDN020	BD5546	HF42A	D50A	46765546	RCDI02860	-
01DDN022	BD4682	HF40	D680B	13073566080	RCDI01880	DT360
01DDN024	BD4681	HF41	D680A	1300601080 / 1349864080	RCDI01870	DT361
01DDN025	BD4622	HF41E	D680H	52093015	DF951	-
01DDN029	BD5812	HF34	D42	4208311 / 4385812	RPDI01440	-
01DDN031	BD5162	HF730E	D50B	K04779712AA / 04779712AA	RCDI09160	-
01DDN032	BD5170	HF730C	D50C	04721995AA	RCDI09140	-
01DDN046	FDB1815	HF31	D43	5961814	RPDI00500	DT309
01DDN047	BD0178	HF38	D44A	46419204	RCDI02300	DT304
01DDN053	BD5056	HF30	D25	46423415 / 51749124	RCDI01040	DT310
01DDN054	BD0356	HF42	D50	60813038 / 46455892	RCDI01600	DT417
01DDN086	BD3608	HF720E	D50E	46843608 / 517767381	RCDI10760	-
01DDN089	BD8929	HF31C	D43B	46788929 / 47788929	RCDI08340	-
01DDN090	BD1650	HF32	D25A	46401356	RCDI00800	DT403
01DDN091	BD3466	HF31B	D43A	51836920	RPDI04540	-
01DDN092	BD8300	HF31A	D311	4208311	RPDI00490	DT307
01DDN093	BD0707	HF39	D44	7650707	RCDI02510	-
01DDN096	-	HF42B	D500	52174411	-	-
01DTN041	BD3465	HF33	D29	7663465	RPDI00430	DT312
01DTR023B	BD3806	HF680C	D680E	46833806 / 1607880480 / 51740245	RPDI04460	DT375
01DTR023C	BD4696	HF680D	D680F	4246Z3 / 51740248 / 51856412	RPDI04300	DT376
01DTR025	BD7076	HF41F	D680J	52093016	DF952	-
01DTR031	BD5173	HF730D	D50D	04721677AA	RPDI04850	-
01DTR070A	BD4070	HF30A	D25B	82433859 / 82394418	RPDI0550	DT418
02DDN010	BD2100	HF507	D354A	4351202100 / 4351202070	RPDI03880	DT382
02DDN012	BD2550	HF501	D354	4351212550 / 94854148	RCDI01430	-
02DDN014	BD5448	HF504C	D354J	4351202420	-	-
02DDN015	BD5441	HF504	D354C	4351202290	RCDI07910	-
02DDN016	BD5443	HF504B	D354H	4351202350	RCDI10680	-
02DDN021	BD2120	HF513	D354F	435120D160 / 435120D170	RCDI09620	-
02DDN025	BD5180	HF500	D343E	4351226040 / 4351235180	RCDI00920	-
02DDN027B	BD4211	HF511	D343D	435120K080	RCDI06230	-
02DDN027C	BD4113	HF512	D343F	435120k150 / 435120K110	RCDI07530	-
02DDN029	BD4118	HF512D	-	435120K280	DF819S	-
02DDN033	BD5210	HF485	D343C	4351204020	RCDI06220	-
02DDN045	BD2878	HF514	-	4351242030	-	-
02DDN046	BD2881	HF514A	-	4351242040	DF982	-



CONVERSÃO

Conversione / Cross Reference

N° Tantto	Fremax	Hipper Freios	MDS	Original Oem	TRW	Vigorelli
02DDN047	BD3107	HF515B	-	4351206090	DF989	-
02DTR010	BD2251	HF502	D354B	4243102090	RCDI06240	DT424
02DTR016	BD5442	HF504A	D354D	4243102270	RPDI04220	-
02DTR029	BD2917	HF512B	D343I	4243160311	RCDI10540	-
02DTR045	BD2886	HF53G	-	T113501075BA / 4243142040 / 4243142041	DF999	-
02DTR046	BD2882	HF514B	-	4243142060	DF918	-
02DTR053	BD2919	HF518A	-	4243120201 / 4243160130 / 4243160190 / 4243160200	DF936	-
03DDN003	BD2500	HF11	D39	69232	RPDI00125	-
03DDN018	BD5212	HF18J	D36G	CN151125CA / CN151125A	RCDI09560	-
03DDN022	BD5211	HF18E	D36B	7N151125AA	RCDI07960	-
03DDN025	BD6187	HF261	D37	7T4Z1125A	RCDI08380	-
03DDN031	BD7332	HF15F	D34	6E5Z1125AA	RCDI07550	-
03DDN033	BD5950	HF10E	D11B	549615301	RCDI00728	-
03DDN045	BD1000	HF16A	D23	T71615283	RCDI00701	-
03DDN055	BD1063	HF14	D41	96FX1125AB	RPDI00600	-
03DDN056	BD5344	HF18B	D36	1148202	RCDI02850	DT367
03DDN057	BD1064	HF10A	D11A	547615301	RCDI00900	DT318
03DDN076	BD7338	HF15H	D34C	584113L010 / 584113L000	RCDI10860	-
03DDN078	BD7341	HF15L	-	DG9Z1125B	RCDI10880	-
03DDN084	BD5636	HF18H	D36F	AE8Z1125A	RCDI08420	-
03DDN088	BD1065	HF14A	D41B	X56C1125AA	RCDI06290	-
03DDN103	BD2580	HF12	D40	83NUI125A	RCDI00870	DT315
03DDN105	BD5082	HF16P	D33H	1F6033251A	RCDI07860	-
03DDN106	-	HF16T	D33I	4429562 / 1490412 / UM5133251	-	-
03DDN107	BD7922	HF16C	D33	F57Z1102C	RCDI01660	DT346
03DDN107A	-	HF16D	D33A	F57Z1102B	RCDI06180	-
03DDN108	BD7926	HF16F	D33G	F87A1102FA / 8L551102AA	RCDI01050	-
03DDN109	BD7925	HF16B	D33B	F67Z1125BA / F5T21125A	RCDI01990	-
03DDN109A	BD7923	HF16J	D33L	F67A1102GA	RCDI02000	-
03DDN110	BD7916	HF16R	D33J	AB311125AC	RCDI09600	-
03DDN111	BD7920	HF16H	D33C	F37Z1102A	RCDI06190	-
03DDN124	BD5630	HF265	D38	6C111125AB	RCDI08460	-
03DTR024	BD1081	HF260A	-	5F9Z2C026BA / 52009374AC	DF947	-
03DTR025	BD6188	HF260	D37A	7U2J2C502FA	RCDI08360	-
03DTR063	BD3965	HF18G	D36D	7M512A315FA	RPDI04560	-



CONVERSÃO

Conversione / Cross Reference

N° Tantto	Fremax	Hipper Freios	MDS	Original Oem	TRW	Vigorelli
03DTR064	BD3964	HF18L	-	1704765	DF803	-
03DTR075	BD3268	HF15G	-	6E5Z2C026AA	RPDI04200	-
03DTR124	BD5631	HF265A	D38A	6C112A315AB	RPDI04830	-
04DDN005	BD9042	HF25	D48	90271134	RCDI00810	DT321
04DDN006	BD9127	HF25E	D28D	93339127	RCDI07500	DT457
04DDN007	BD7879	HF25B	D49A	90497879 / 90947879	RCDI01970	DT347
04DDN011	BD3966	HF21A	D18D	18060219	RCDI02770	-
04DDN013	BD3968	HF55	D18B	93248621	RCDI00890	DT350
04DDN013A	BD3969	HF56	D18A	93242604	RCDI00860	-
04DDN026	BD9048	HF26C	D49D	25804049	RCDI08040	-
04DDN033	BD1240	HF23	D28	90111242	RPDI00420	DT327
04DDN043	BD1440	HF20	D17	90121445	RCDI00880	DT325
04DDN044	BD7966	HF23B	D28A	91277966	RCDI05800	DT387
04DDN048	BD9046	HF23A	D48E	90511126	RCDI01920	-
04DDN061	BD1559	HF51B	D17E	13502045 / 569069	RCDI08500	-
04DDN079	BD9001	HF20D	D28C	93300160	RCDI05810	DT446
04DDN081	BD9000	HF20A	D28B	9127967 / 52032950	RCDI03000	DT338
04DDN082	BD1573	HF308F	D192J	26700656	DF987	-
04DDN094	BD3548	HF52B	D28H	26259014	DF983	-
04DDN096	BD3545	HF51C	D28G	94731378 / 52109503 / 52099697	RCDI09420	-
04DDN097	BD7746	HF27B	D19	94607746	RCDI02280	DT326B
04DDN102	BD3970	HF21E	D18F	52088568 / 94712571	RCDI09220	-
04DDN103	BD3974	HF21G	D18G	52108355	-	-
04DDN110	BD8602	HF21	D18	94626697	RCDI00140	-
04DDN114	BD3547	HF51F	D28F	13502001	RCDI09200	-
04DDN118	BD3548	HF51N	D28H	52125657	DF958	-
04DDN129	BD5600	HF21B	D192A	5521156B00	RCDI03360	-
04DDN130	BD6970	HF21C	D192B	5521160A00	RPDI01690	-
04DDN131	BD1553	HF308A	D192G	13502059	DF904	-
04DDN132	BD6010	HF302	D192	5521165D11	RCDI06020	-
04DDN133	BD2863	HF308	D192E	30024673 / 5521165D01	RCDI09010	-
04DDN146	BD9043	HF25A	D48C	90496327	RCDI01680	-
04DDN147	BD9060	HF26B	D49	90539466	RCDI03630	-
04DTR007	BD9209	HF23C	D48A	90495269	RPDI01210	DT438
04DTR026	BD9049	HF26D	D49E	25804046 / 20892952	RCDI08060	-
04DTR061	BD1564	HF51L	-	13597356	DF4962	-
04DTR063	BD1560	HF51E	D17D	13502134 / 13502864 / 569072	RPDI04580	-
04DTR073	BD2477	HF20B	D17A	93202477	RPDI01170	-
04DTR097	BD7745	HF27A	D19A	52259193	RPDI00249	-
04DTR138	BD3973	HF21H	-	52032731	DF915S	-



CONVERSÃO

Conversione / Cross Reference

N° Tantto	Fremax	Hipper Freios	MDS	Original Oem	TRW	Vigorelli
04DTR147	BD9210	HF23D	D48D	90512910 / 93297970	RPDI01220	-
05DDN001	BD6382	HF90	D303	2H0615301A	RCDI09030	-
05DDN002	BD4844	HF15	D11	81AB1125FD	RCDI00043	DT314
05DDN003	BD6384	HF90B	D303A	2H6615301	DF914	-
05DDN011	BD5308	HF01B	D35D	6Q0615301	RCDI06250	DT426
05DDN012	BD9619	HF81A	D35N	5Z0615301D	DF4957	-
05DDN016	BD3170	HF09	D03	3114055821	RCDI05850 RPDI00133	DT301
05DDN017	BD3300	HF01	D31	ZBA615301	RPDI00480	DT302
05DDN018	BD3975	HF02A	D31A	3256152891	RCDI01020	DT305
05DDN019B	BD5298	HF87	D31C	5U0615301B	RCDI09800	DT464
05DDN019C	FDB5297	HF87A	D31E	5U0615301C	RCDI07820	-
05DDN024	BD9611	HF87E	D31I	5U0615301D	RCDI10800	-
05DDN025	BD9614	HF87B	D31G	1S0615301	RCDI09840	-
05DDN033	BD3790	HF02B	D31B	3256152893	RCDI01030	DT319
05DDN036	BD6085	HF88H	D302B	1K0615301AD/ 3C0615301C/ 5Q06153	DF913	-
05DDN038	BD3392	HF02	D726	357615501	RPDI00540	-
05DDN048	BD3011	HF03	D08	211615301B / 2116153011	RPDI00222	DT303
05DDN078	BD5648	HF81C	D31L	2Q8615301E	DF911	-
05DDN079	-	HF81E	D304	2GX615301	-	-
05DDN086	BD5603	HF82	D35B	1J0615301E	RCDI01630	DT395
05DDN120	BD9612	HF87D	D31F	1S0615301E	RCDI10980	-
05DDN123	BD5650	HF81B	D31J	2QB615301D	DF6584	-
05DTR033	BD3393	HF02C	D357	357615601	RPDI01110	DT351
05DTR039	BD5640	HF82D	-	5C0615601	DF929	-
05DTR041	BD5647	HF82E	-	5QN615601A	-	-
05DTR097	BD9613	HF87C	D31H	5U7615601	DF4959	-
05DTR109	BD5649	HF81D	D31M	2QB615601B	DF912	-
08DDN004	BD3325	HF85	-	811615301	-	-
08DDN007	BD5602	HF81	D35A	1J0615301D	RCDI01740	DT397
08DDN013	BD5614	HF88F	D35L	1K0615301AC / 5C0615301	RCDI10820	-
08DDN014	BD5615	HF82A	D35E	1K0315301T	RCDI07940	-
08DDN015	BD5618	HF88A	D302	1K0615301AA / 5QX615301C	RCDI07800	-
08DDN016	BD5604	HF80	D35	1J0615301C / 6R0615301A	RCDI01360	-
08DDN019	BD6077	HF85G	-	8K0615301 / 8W0615301G	DF963	-
08DTR007	BD5601	HF83	D35C	1J0.615.601 / 1J0615601	RPDI01080	DT396
08DTR010	BD5310	HF83A	D35F	1K0615601L / 1K0615601AC	RPDI04240	-



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N° Tantto	Fremax	Hipper Freios	MDS	Original Oem	TRW	Vigorelli
08DTR011	BD5637	HF88G	D35H	1K0615601AA / 5QX6156601D	RPDI05210	-
08DTR015	BD5619	HF88E	D302A	1K0615601M / L3CD615601	RPDI04180	-
08DTR019	BD6075	HF85H	-	8K0615601B	DF964	-
08DTR032	BD4060	HF01A	D301E	4A0615601A / 8E0615601	RPDI01510	DT467
08DTR052	BD5642	HF88J	-	3Q0615601A	-	-
09DDN003	BD4666	HF933A	D320L	34116792217	DF965	-
09DDN007	BD6464	HF934	D320H	34116764641	-	-
09DDN020	BD0674	HF905	D320	34111160674	RCDI01320	-
09DDN021	BD4645	HF936A	-	34116764645 / 34116854999	-	-
09DDN079	BD1972	HF933B	-	34116774875 / 34116792219 / 34116855006	DF966	-
09DDN080	BD0043	HF900A	-	34116799353 / 34116865713 / 34116799353	-	-
09DDN085	BD2212	HF909C	-	34106787490	DF821S	-
09DDN088A	BD6045	HF907	-	34116756045 / 34116794304	-	-
09DTR005	BD1725	HF936D	-	34214031725 / 34216769271	-	-
09DTR007	BD3406	HF937	D320J	34216765NF3 / 34216764651	RCDI10120	-
09DTR010	BD2315	HF913	-	34211162315 / 34211165211	RCDI03160	-
09DTR011	BD8936	HF903	D320B	34211158936	RPDI01540	-
09DTR017	BD3418	HF933E	-	34216792229 / 34216864900	DF968	-
09DTR079	BD1974	HF933C	-	34216764653 / 34216855008 / 34216864901	DF967	-
09DTR080	BD4655	HF936B	-	34216764655 / 34216855004	-	-
10DDN019	BD9208	HF722	D038	52009208	RCDI01950	-
10DTR006	BD1023	HF726	-	04721023AF	-	-
10DTR017	BD6154	HF725C	D450A	5085652AA	RPDI04260	-
11DDN012	BD4755	HF752A	D698B	424924 / 9467548488	RCDI09540	-
11DDN013	BD4752	HF752	D695C	1613703980 / 424984	RCDI03330	-
11DDN026	BD4605	HF41B	D698D	155254427	DF923	-
11DTR011	-	HF751B	-	424934 / 9643573880	RPDI04950	-
11DTR012	BD4614	HF41C	-	1609583080	DF930	-
11DTR026	BD4606	HF41D	D698E	1616394580 / 155253914	DF922	-
13DDN011	BD0195	HF716B	-	52122182AB	RCDI10740	-
14DDN007	BD1700	HF700	D087	45251SK7A00 / 45251TG5H00	RPDI00570	-



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N° Tantor	Fremax	Hipper Freios	MDS	Original Oem	TRW	Vigorelli
14DDN008	BD1256	HF700J	D087H	45251T5RA02 / 45251T14M01	DF4977	-
14DDN009	BD1705	HF700F	D087D	45254SMGG11 / 45251S7AE10	RCDI10720	-
14DDN011	BD1701	HF701	D006	45251SH1A00	RCDI02050	-
14DDN012A	BD1704	HF700E	-	45251S6FE10	-	-
14DDN013	BD2911	HF700A	D087A	45251SNJM00	RCDI07510	-
14DDN017	BD1257	HF836D	-	45251S87A00	RCDI09960	-
14DDN018	BD2914	HF712	D087G	45251STKA00 / 45251T1EG00	RCDI09940	-
14DDN020	BD3900	HF703	D088	45251SADM00	RPDI03870	DT427
14DDN022	BD4424	HF713	D087E	45251T7WA01 / 45251T7WA02	RCDI10840	-
14DDN028	BD9050	HF28E	-	8970340343	-	-
14DTR001	BD5252	HF836B	-	42510SEAE00 / 42510SEAE50	-	-
14DTR004	BD1258	HF836C	D756D	42510SFY000	RPDI04600	-
14DTR007	BD1067	HF700G	D087J	42510TF0000 / 42510TG5H00	RPDI05330	-
14DTR009	BD2510	HF700B	D087B	42510SNLT00 / 42510SMGE20	RCDI07580	-
14DTR017	BD0058	HF711A	-	42510S9AN00	-	-
14DTR018	BD2913	HF712A	-	42510S9AN00	RPDI04970	-
14DTR022	BD4425	HF713A	D087F	42510T7TM00	RPDI05230	-
15DDN004	BD2000	HF105	D098	5171202000	RPDI01800	-
15DDN005	BD5271	HF325U	-	517122T000	RCDI10560	-
15DDN006	BD5103	HF325E	D254	517123L010	RCDI07470	-
15DDN009	BD0580	HF325N	D325F	517121M500	RCDI09900	-
15DDN011	BD5182	HF358C	D255C	517122V000	RCDI09440	-
15DDN013	BD2902	HF358A	D255A	517122D300	RCDI08660	-
15DDN023	BD0100	HF100	D100	58129440010	RCDI01570	-
15DDN024	BD5203	HF325J	D099B	517121S000	RCDI0240	-
15DDN025	BD5206	HF325L	D099C	517121S300	RCDI09520	-
15DDN029	BD5130	HF330	D100B	517124F000 / 517504F000	RCDI07460	-
15DDN034	BD5171	HF325D	D325A	517121F300 / 517122E300	RCDI06140	-
15DDN038	BD4051	HF329	D325G	517123J000	RCDI09880	-
15DDN039	BD4106	HF329G	-	517122W000 / 517124Z000	DF907	-
15DDN053	BD0578	HF329E	-	51712C1000 / 51712D7000	DF4956	-
15DTR006	BD5104	HF325F	D323A	584113L010 / 584113L000	RPDI04620	-
15DTR011	BD5167	HF358E	D328	584113Y300 / 584113X300 / 58411BV400	RPDI05150	-
15DTR033	BD0581	HF325P	D325E	584111H300	RPDI04890	-



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N° Tantto	Fremax	Hipper Freios	MDS	Original Oem	TRW	Vigorelli
15DTR037	BD5185	HF329C	-	584112P000	RPDI05310	-
15DTR038	BD5110	HF329B	-	584110W000 / 584112B000	RPDI05290	-
15DTR043	BD2905	HF325B	D325B	5841139600 / 5841139300	RCDI06150	-
15DTR051	BD0579	HF329F	-	58411D3000	DF4955	-
15DTR053	BD4052	HF329A	D324	584113J000	RPDI04640	-
17DDN001	BD5115	HF719	D039	05015965AA	RCDI01610	-
17DDN006	BD4644	HF208	D377G	4615A178	RCDI10000	-
17DDN012	BD9269	HF720A	-	52089269AB	RCDI10060	-
17DTR001	BD5116	HF723	D039A	52008184	RPDI01660	-
17DTR004	BD5122	HF726B	-	52128411AB	-	-
17DTR005	BD3610	HF720F	D50F	46843610	RPDI05190	-
17DTR006	BD5086	HF208F	D377H	5105515AA/ 4615A119/ MN116332	DF927	-
17DTR023	BD5123	HF723D	-	52060147AA	-	-
18DDN003	BD0004	HF353	D251B	OK72F33251 / OK-72F33251A	RCDI01540	-
18DDN006	BD2700	HF352A	D250	OK60A33251A	RCDI08690	-
18DDN007	BD2706	HF352C	D250B	5812940 / 581294E001	RCDI09860	-
18DDN017	BD5158	HF358F	-	517121M000	RCDI10580	-
18DDN029	BD7500	HF359	D251D	5171207500	RCDI08620	-
18DDN037	BD5184	HF329D	-	517121U000	DF985	-
18DDN038	BD1712	HF326A	D326A	517123 / 517123E000	RCDI08680	-
18DDN045	BD0008	HF325	D325	OK01133.25XC	RCDI03010	-
21DDN014	BD0121	HF212C	-	A2464210112	DF946	-
21DDN017	BD6485	HF476D	-	0004212412 / A0004212412	-	-
21DDN018	BD6476	HF476B	-	0004211912 / 2044210012	DF954	-
21DDN021	BD3182	HF475A	D181	2024210912	RCDI02210	-
21DDN071	BD0113	HF212	D711	1684210212	RCDI02640	-
21DDN075	BD6473	HF475G	-	2044210912 / 2044212712	DF805	-
21DDN192	BD0186	HF471B	D613	9024210712	RCDI06360	-
21DDN199	BD0181	HF471	D612	9024210612	RCDI01590	DT369
21DDN202	BD0190	HF471F	D614A	9064210012	RCDI09460	-
21DTR020	BD6477	HF476C	-	2044230512 / 0004231312	DF955	-
21DTR191	BD0183	HF471A	D612A	9024230412 / A9024230312	RCDI06350	DT402
21DTR192	BD0183	HF471C	D613A	9024230112	RCDI06370	-
21DTR199	BD0185	HF471D	D615	A9044230212	RCDI06380	-
21DTR202	BD0191	HF471H	D614B	A9064230312	RPDI04910	-
21DTR204	BD0192	HF471J	D614C	2E0615601 / A907423010	RCDI09780	-



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N° Tantto	Fremax	Hipper Freios	MDS	Original Oem	TRW	Vigorelli
22DDN020	BD7043	HF200B	D377C	MB699716	RCDI06260	-
22DDN021	BD7019	HF200G	D377E	4615A201	RCDI07980	DT431
22DDN023	BD7038	HF200A	D377B	MB407038	RCDI01500	-
22DDN025	BD5923	HF208D	-	4615A115	DF928	-
22DDN031	BD5399	HF725A	D107D	MR493550	RCDI08240	-
22DDN035	BD7039	HF200E	D377D	MR334996	RCDI02930	-
22DDN036	BD7116	HF200F	D378	MR407116	RCDI08000	-
22DTR005	BD4648	HF208A	-	4743999AA	DF924	-
22DTR014	BD8326	HF725D	-	MB895200 / MR493489	DF981	-
22DTR025	BD4650	HF208B	-	4615A192	DF945	-
22DTR031	BD4635	HF208C	-	4615A125 / CA350135.	DF6598	-
22DTR034	BD7023	HF200H	-	4615A097	RCDI10500	-
22DTR035	BD8067	HF206A	D378A	MR418067	RCDI07330	-
22DTR040	BD7114	HF206D	D378B	4615A037	RCDI08810	-
23DDN005	BD4198	HF600B	D200B	402064KH1B / 40206JR70B	RCDI08850	-
23DDN006	BD3101	HF600	D200	402060F00	RCDI01490	-
23DDN007	BD4200	HF618B	D2004	40206EA00A	-	-
23DDN008	-	HF600E	-	402065XA0A	-	-
23DDN011	BD4758	HF615D	D923	402065RB0A / 402065RA2A	DF4968	-
23DDN017	BD4738	HF613	D921	NT	RCDI08870	-
23DDN021	BD4740	HF615B	D921A	402061HL0A	RCDI09740	-
23DDN039	BD2064	HF615G	D922C	402063SG0A / 402063SG0B	DF959	-
23DDN040	BD4206	HF615	D922A	40206ET00A	RCDI08140	-
23DTR008	-	HF600F	-	432065XA0A	-	-
23DTR039	BD2931	HF615C	-	432063SC0A / 432069W100 / 43206JN80A / 4581001	DF919	-
23DTR048	BD4203	HF618A	-	43206EA000 / 43206EB300 / 43206EB360R	-	-
24DDN003	BD4689	HF477	D477	424689	RPDI01640	-
24DDN005A	BD4298	HF298	D695B	4246R8 / 169014	RPDI01400	-
24DDN006	BD4692	HF692	D695A	4246R4 / 1612611680 / 4246R2	RPDI02370	DT330
24DDN008	BD4750	HF750	D695	4246W7 / 9827816880	RCDI02800	-
24DDN009	BD4697	HF697	D697	4246B1 / 4246B1	RCDI01370	DT378
24DDN021	BD4698	HF751A	D695F	4246C0 / 1606308280 / 9687602180	RCDI08270	-
24DDN022	BD5017	HF751E	-	1611841780 / 424964 / 424986	DF921	-
24DDN035	BD4642	HF642	D642	424642	RPDI01410	-
24DTR007	BD4247	HF247	D679A	424666	RPDI01060	DT380



CONVERSÃO

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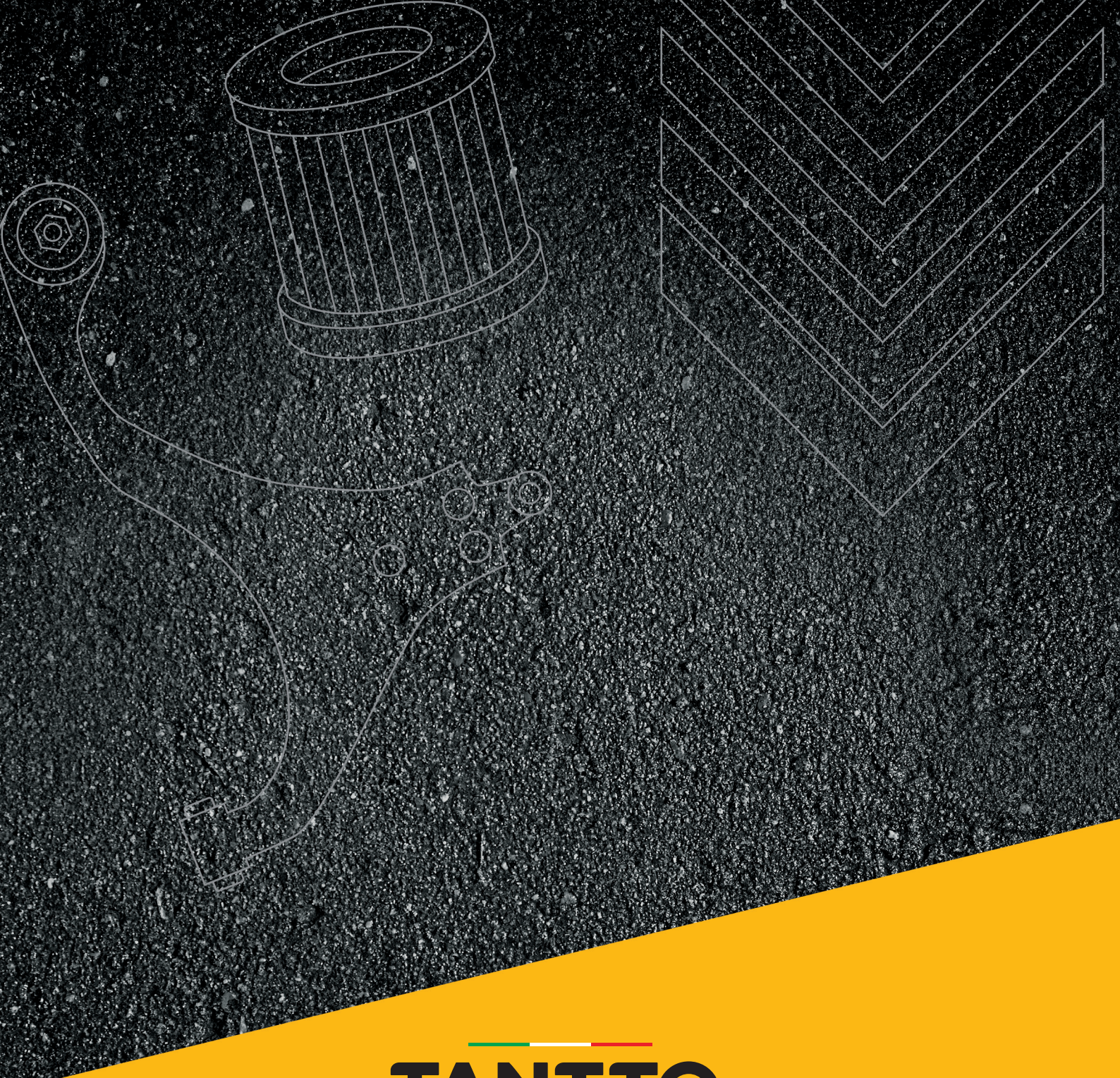
N° Tantto	Fremax	Hipper Freios	MDS	Original Oem	TRW	Vigorelli
24DTR012	BD4748	HF751	D695E	4246Z9 / 424919 / E169512	RPDI04420 RPDI04930	-
24DTR013	BD4756	HF750A	-	1643574180 / 92325803	-	-
24DTR019	BD4746	HF746	D695D	4246W9	RPDI01910	-
24DTR022	-	HF751D	-	424965 / 424966	RPDI05370	-
24DTR048	-	HF751C	-	424945 / 424946	RPDI05350	-
25DDN006	BD4009	HF571A	D705B	402066300R	RCDI00320	-
25DDN007	BD4022	HF571	D705C	402064151R	RCDI09340	-
25DDN008	BD4705	HF705	D705	7700704705	RPDI01430	DT385
25DDN009	BD6572	HF572	D572	77001204286 / 7700756572	RCDI02340	-
25DDN011	BD4707	HF570	D705A	7701208252	RPDI04320	-
25DDN012	BD3550	HF653	-	7701205653	RCDI02760	-
25DDN012A	BD3550	HF549	D653	7700813549	RCDI02760	DT388
25DDN030	BD3103	HF705A	D705F	8201602017	DF908	-
25DDN031	BD3106	HF705B	D705G	402066768R	DF990	-
25DDN035	BD3108	HF549B	D705E	402063149R / 402067615R / 4534200100	RCDI10960	-
25DDN038	BD8766	HF843C	D560B	4020600Q0G / 8200688880	DF962	-
25DDN067	BD4304	HF842	D842	7701205842	RCDI02790	-
25DDN068	BD7829	HF829	D842E	7701206118 / 8660089538	RCDI08950	-
25DTR010	BD7823	HF823	D842B	7701207823 / 432005347R	RPDI04340	-
25DTR020	BD4023	HF571C	D705D	432001539R	RPDI04870	-
25DTR033	BD4295	HF295	-	7700800002 / 77008000027701200000	RPDI04170	-
25DTR038	BD8767	HF843D	D560C	432000367R	DF6120	-
25DTR040	BD1410	HF843A	D560A	7700314107	RCDI06340	-
27DDN008	BD0033	HF654	D090	26310AA092	RCDI02630	-
27DDN017	BD0035	HF654B	-	26300AG02A	RCDI10480	-
28DDN005	BD6041	HF302C	-	5531161M00000	DF903	-
28DDN006	BD4803	HF302A	D192D	5521165D11 / 5521165J00	RCDI08990	-
28DTR004	BD4802	HF302E	D192H	5561177K00 / 5561177K01	DF984	-
28DTR005	BD6097	HF302D	-	5561161M00000	DF916	-
29DDN011	BD3937	HF807A	-	4N512C375B / 1253965	RCDI10180	-
29DDN022	BD7297	HF808H	-	31471651 / 31471752 / 31400568	-	-
29DDN051	BD7304	HF808D	-	31277342 / 31381986 / 31471034	DF960	-
29DTR011	BD3962	HF807B	D36C	7M0512A315BA	RPDI04810	-
29DTR051	BD7305	HF808E	-	31277357 / 31381987 / 31410569 / 31471033	DF961	-



CONVERSÃO

Conversione / Cross Reference

N° Tantto	Fremax	Hipper Freios	MDS	Original Oem	TRW	Vigorelli
33DDN011	BD7343	HF405A	-	LR059122	DF974	-
33DDN012	BD7360	HF404	D902G	SDB000601 / SDB000602	RCDI09660	-
33DDN014	BD7364	HF404A	D902H	SDB000621 / SDB000623	RCDI10640	-
33DDN023	BD6765	HF403D	-	1379965	RCDI10920	-
33DDN024	BD1181	HF403B	-	LR027107	RCDI10600	-
33DDN033	BD7353	HF404E	-	LR016176	DF815S	-
33DTR001	BD0461	HF402	D902A	571912	RCDI06510	-
33DTR013	BD7361	HF405	-	SDB000632 / SDB000633	RCDI10100	-
33DTR014	BD7363	HF404B	-	SDB000642 / SDB000644	RCDI10660	-
33DTR018	BD7344	HF405B	-	LR061388	DF975	-
33DTR023	BD1184	HF403E	-	LR001018	DF950	-
33DTR024	BD1182	HF403C	-	LR001019	RCDI10620	-
33DTR025	BD6769	HF15J	-	DG9Z2K026A	RPDI05250	-
56DTR001	BD1022	HF719D	-	4005029001AC	DF817S	-
56DTR009	BD1033	HF719B	-	102560	-	-
56DTR009B	-	HF719C	-	NT	-	-
66DDN002	BD6044	HF309	D191D	55311A75F00	RCDI08320	-
68DDN001	BD1160	HF304	D191A	30005701	RPDI04400	-
68DDN002	BD3168	HF168	D459B	SC1022BB13D	RPDI04400	-
73DDN002	-	HF53H	-	A133501075	-	-
73DDN006	BD6092	HF53B	-	S113501075	RPDI05170	-
73DDN007	BD4437	HF54B	-	T153501075	DF995	-
73DDN008	BD4395	HF53F	-	4243142041 / T113502075	DF997	-
73DDN009	BD4393	HF53E	D430	T113501075	RCDI0120	-
73DDN010	-	HF53N	-	J693501075	-	-
73DDN012	BD4422	HF53C	-	S216GN3501075	RCDI10700	-
73DTR010	-	HF53P	-	J693502075	DF808	-
80DDN002	BD4700	HF380B	-	3501030U8050 / 4246J0	DF949	-
80DDN003	BD1082	HF380	D431	3500330U8010	RCDI09260	-
89DDN001	BD4528	HF72C	-	1904528	DF909S	-
89DDN002	BD8772	HF72	D72	1908772	RCDI06450	-
89DDN003	BD8775	HF72B	D72B	1904693 / 503120812 / 98414402	RCDI06470	-
89DDN004	BD8762	HF72F	D72D	2996121 / 504121612	RCDI08100	-
89DDN005	BD8770	HF72G	D72F	2996122 / 504121723	RCDI09500	-
89DTR002	BD8773	HF72A	D72A	7180255 / 42471111	RCDI06460	-
89DTR003	BD8759	HF72L	-	2996027 / 7186309	DF925	-
89DTR004	BD8774	HF72E	D72C	4247150 / 7182874	RCDI06480	-




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