



DONMEZ Company Presentation

www.donmezdebriyaj.com.tr
www.hammerkupplungen.com

12/12/2018 AUTOBULL

Dönmez Debriyaj San ve Tic AŞ

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Agenda

1. Where we are
2. Family Business
3. Milestones
4. Corporate Core Values (HR)
5. Investments
6. Products
7. R&D Capability
8. R&D (Prototype Design Capability) OEM
9. R&D (Design and Test Capability) OEM
10. Value Propositions
11. Machine Park
12. Production
13. Planning
14. Quality Management System
15. Sales & Marketing
16. Testimonials
17. TECDOC
18. Turquality
19. Social Responsibilities
20. Debr-i Alem Magazine



Where we are

Factory & Head Quarter

İzmir / Turkey

Land : 10.000 m²

Closed: 7.000 m²

İstanbul Office

İkitelli / Turkey (350 Sqm²)

Europe Office

Birmingham / United Kingdom (Est. 2011)

Sales & Marketing Office

Logistics Center (400 Sqm²)

Europe Office (Est. 2016)

Duesseldorf / Germany

Sales & Marketing Office

Logistics Center (250 Sqm²)

EuroAsia Office (Est. 2018)

St.Petersburg / Russia

Support & Marketing Office
(Not registered yet)



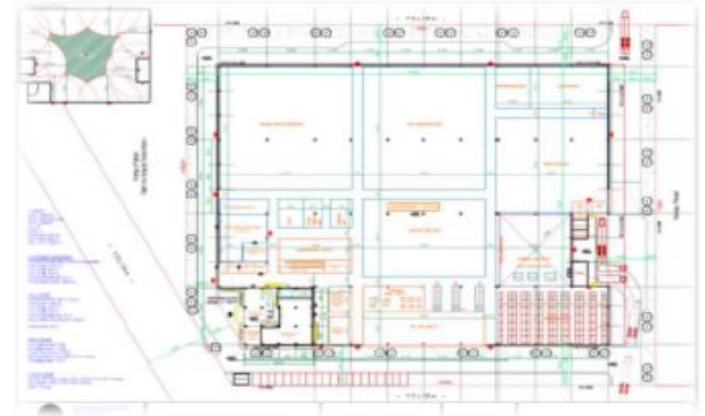
Where we are



I.A.O.S.B İZMİR ATATÜRK INDUSTRIAL ZONE CIGLI-İZMİR / TURKEY



New Plant Investment – Bağyurdu – Kemalpaşa İZMİR



- 20.000 m² Land
- 14.000 m² Closed Area.
- New Modernized Factory.
- Project will be finalized by the end of 2017.
- Located on Ankara - İzmir & Manisa high ways.
- Close to İzmir Port 44 Km





Dönmez is a family owned company established in 1986 to cover the clutch requirements of light and heavy commercial vehicles.



- 2015 ○ TURBO COMPRESSOR PRODUCTION STARTED
- 2014 ○ 395 MM PRODUCT PROTOTYPE PREPARATION
- 2012 ○ TURQUALITY CAMPAIGN LAUNCH
- 2009 ○ FLYWHEEL PRODUCTION STARTED
- 2008 ○ OEM PRODUCTION STARTED
- 2007 ○ ISO / TS 16949 ACTIVITIES
- 2004 ○ PRODUCTION OF RELEASE BEARINGS
- 1999 ○ IN-MOLD THERMAL PROCESS TECHNOLOGY
- 1999 ○ DIAPHRAGM SPRING PRODUCTION TECHNOLOGY
- 1998 ○ NEW BRAND HAMMER KUPPLUNGEN
- 1995 ○ NEW PRODUCTION SITE INVESTMENT
- 1993 ○ FIRST EXPORT
- 1988 ○ FIRST PRODUCTION
- 1986 ○ INVESTMENT DECISION

*“Success is not a destination,
it’s a journey”*

Products



Clutch, Flywheel, Turbo Charger and Components

Dönmez provides optimal solutions with its products

- Customer specific solutions
- Latest market trends product
- Ø 215 mm – 430 mm clutch application
 - Compatible with leading truck manufacturers
 - Mercedes Benz, MAN, Scania, DAF, Iveco, Volvo and Renault Truck
- Flywheel
- Turbo charger
- LCV and HCV segment wide range products



R&D Center assures customer oriented solutions

- Computer Aided Engineering
- Integrated Design Capability
 - High-Tec technology test systems
- Design own molds, dies & tools
- Design right product first time
- Choosing optimum materials

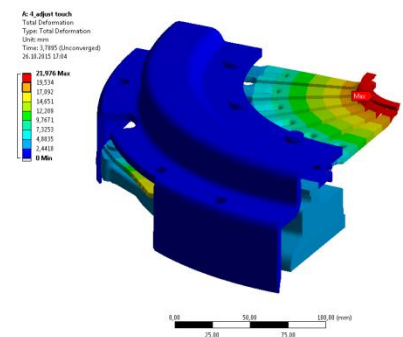
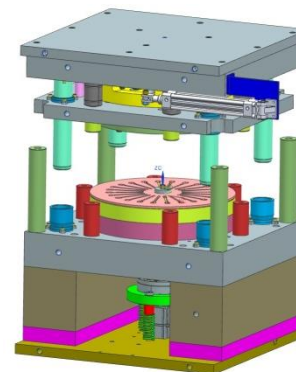
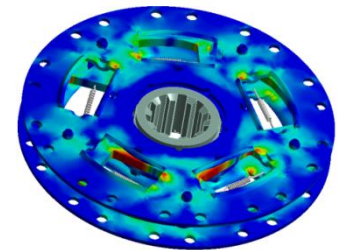
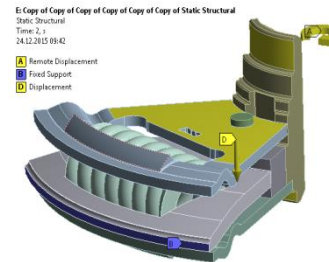
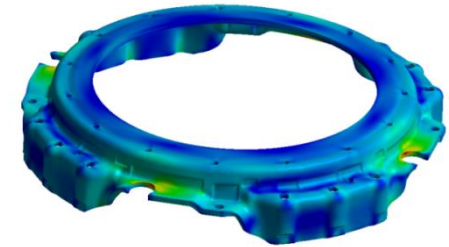
36 R&D Personnel:

15 Engineer

18 Technicians

3 Supporter

научный консультант



Siemens PLM Software
SIEMENS



DONMEZ Molding & Tooling

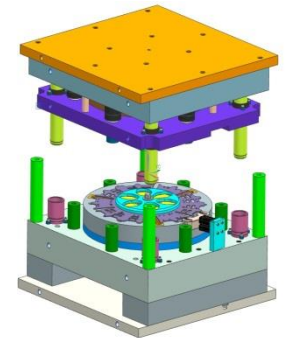
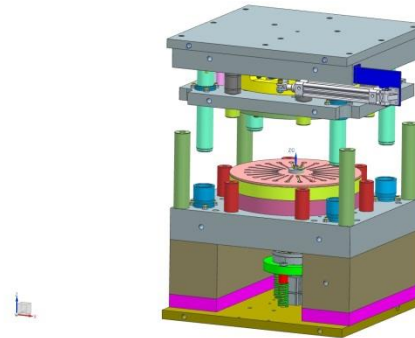


TOTAL 475 MOLDS USED FOR :

- COVER PRODUCTION & ASS.
- DISC PRODUCTION & ASS.
- BEARING PRODUCTION & ASS.
- DISC MAIN PLATE
- LEVERS AND SUB COMPONENTS.
- DIAPHRAGM SPRINGS
- CAPS AND COVERS

TOOLING DESIGN AND PRODUCTION CAPABILITY

- CAPABILITY OF DESIGNING , MODELLING AND PRODUCING OWN TOOLING
- HIGHLY EXPERIENCED R&D TEAM (25 YEARS EXPERINCE)
- USING WELL ESTABLISHED DESIGN PROGRAMS





R&D Laboratory - Test Equipment

- Испытательное оборудование
- Cover Assembly Static Durability Test
- Release Bearing Assembly Durability Test
- Disc Torque Capacity Measuring
- Cover Assembly Performance Measuring
- Dynamometer
- Disc Assembly Torsional Durability Test
- Burst Test
- Cover Assembly Dynamic Durability Test



Burst Test Machine



Disc Assembly Torsional Durability Test



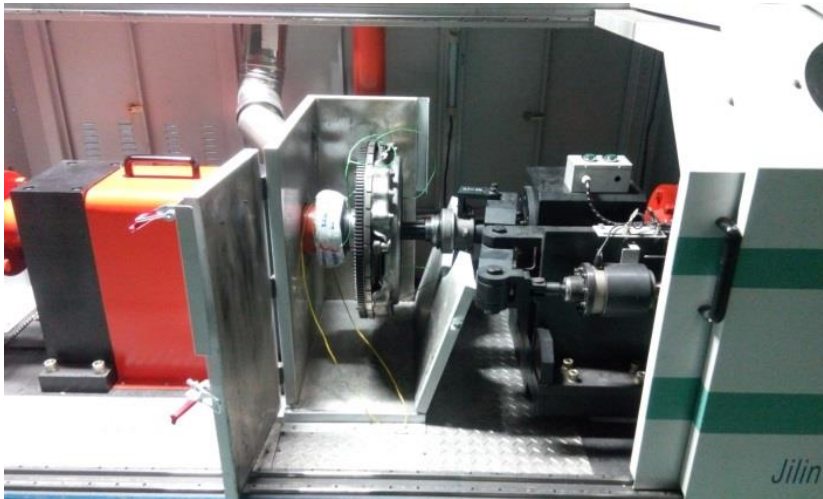
Clutch DYNO Test Machine



Engine Power 550 kW
Torque Capacity : 5.000 Nm

Test Capabilities ;

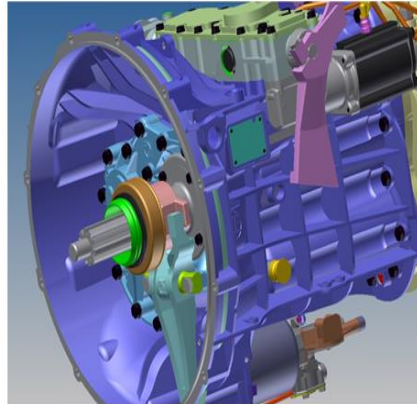
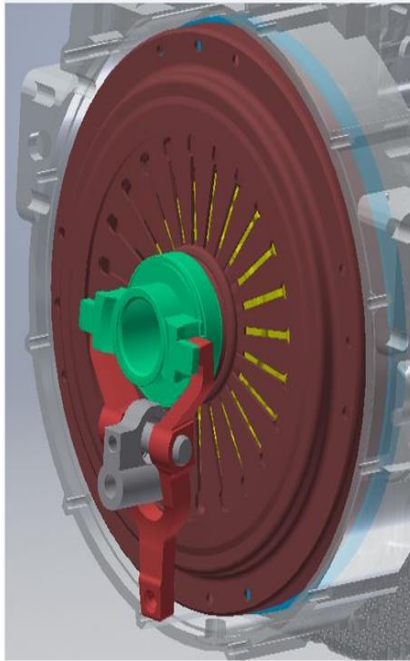
- Thermal Load Test
- Wear Proof Test
- Static Friction Test
- Sliding Friction Test
- Thermal Shock Test



100 % know – how (Prototype Design)



BMC Euro6 Engine Clutch Application



BMC EURO VI

Company :	BMC
Vehicle :	Professional Truck
Project Name :	Prototype Clutch Design for 17" (430 mm) EURO 3



Engine Model :	C11 ENT VI
Advertised Power :	338 kW @ 1900 rpm - 2150 Nm @ 1050 rpm
Maximum Rating :	338 (460) kW(HP)
At Speed :	1900 rpm
Maximum Torque :	2150 (219) Nm(Kgm)
At Speed :	1050 rpm
Engine Brake Power	372 kW
At Speed :	2400 rpm
Minimum Idling Speed :	550 rpm

Research & Development

100 % know – how (Prototype Design)



KARSAN E5

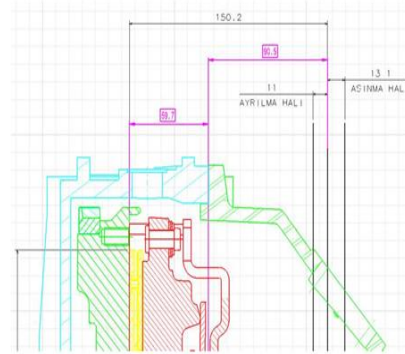
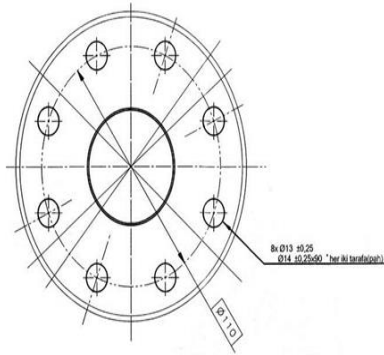
Company :	KARSAN
Vehicle :	JEST Midibus
Project Name :	Prototype Clutch Design for 10,5" (267 mm)
Engine Model :	Fiat Power Train F1A - Turbo Dizel Intercooler
Advertised Power :	320 Nm @ 1100 - 1700 rpm
Maximum Rating :	129 HP @ 1900 - 2400 rpm
Transmission :	6S Manual
Maximum Torque :	320 Nm(Kgm) - 1200 rpm

KARSAN – Jest Clutch Application



100 % know – how (Proptotype Design)

Otokar OTOKAR- Sultan Euro6 Engine Clutch Application



OTOKAR SULTAN

Company :	OTOKAR
Vehicle :	SULTAN E6

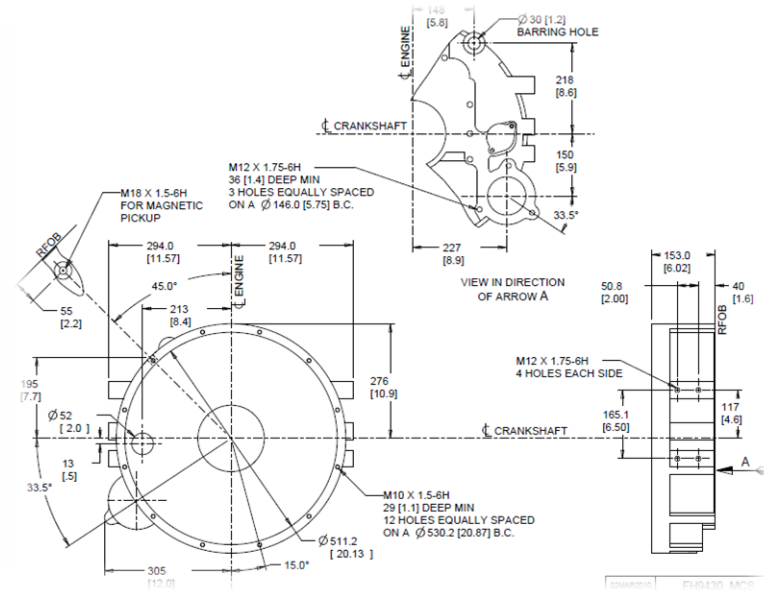
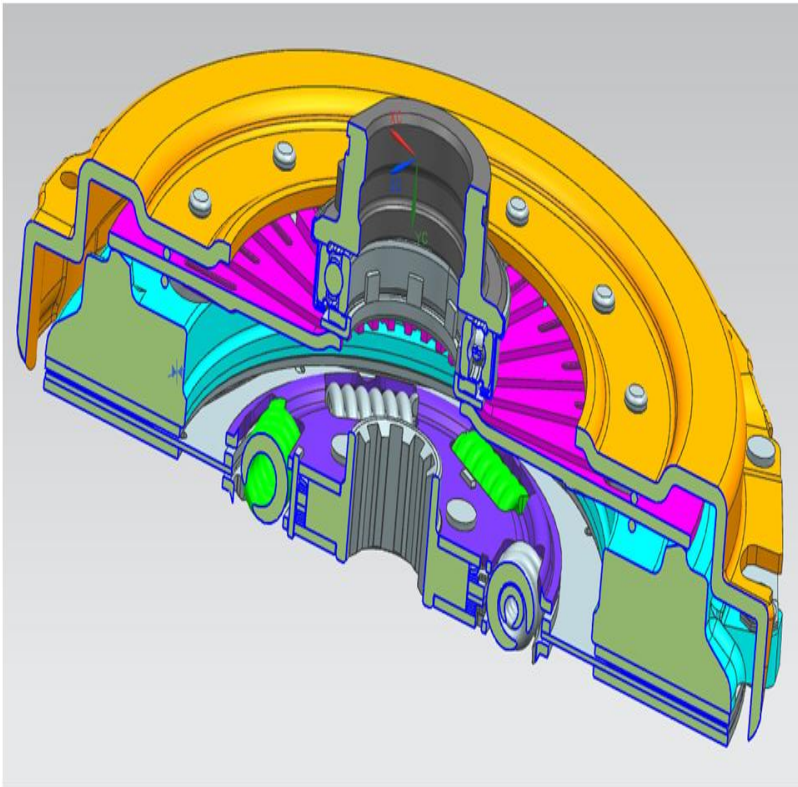
Project Name :	Prototype Clutch Design for 14" (362 mm)
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Engine Model :	Cummings E6 4.5L
Advertised Power :	700 Nm @ 1100 - 1700 rpm
Maximum Rating :	180 HP @ 1900 - 2400 rpm
Transmission :	EATON FSO 4106

100 % know – how (Prototype Design)



KAMAZ Clutch Application



KAMAZ 6516Y9 EURO V

Company :	KAMAZ
Vehicle :	KAMAZ EURO V
Project Name :	Prototype Clutch Design for 17" (430 mm) EURO 5
Engine Model :	Cummins ISLe 375
Advertised Power :	700 Nm @ 1100 - 1700 rpm
Maximum Rating :	180 HP @ 1900 - 2400 rpm
Transmission :	ZF 6S 1310 BD/BO
Maximum Torque :	1548 Nm(Kgm) - 1200 rpm
Clutch Engagement Torque :	1548 Nm(Kgm) - 1200 rpm

Research & Development



100 % know – how (Prototype Design)



Axle Configuration: 8x4

Emission: Euro 6, Euro 5 and Euro 3 available

Engine Power:

420 PS (308,9 kW) / 1800 rpm

Engine Torque:

2150 Nm / 1000-1300 rpm

Transmission:

ZF 16S 2230-16 Speed Manual

ZF 12 TX 2210 - 12 Speed Automated



Ford Cargo 4142D (8x4)

Ø 400 mm TWIN KIT Pull Type Clutch SET

DONMEZ has designed whole parts for FORD .

New Design Release Bearing along with new design Clutch Fork is produced by DONMEZ for **FORD Cargo 4142D (8x4)**

Full SET and Spare Parts are now available **at DONMEZ product portfolio.**

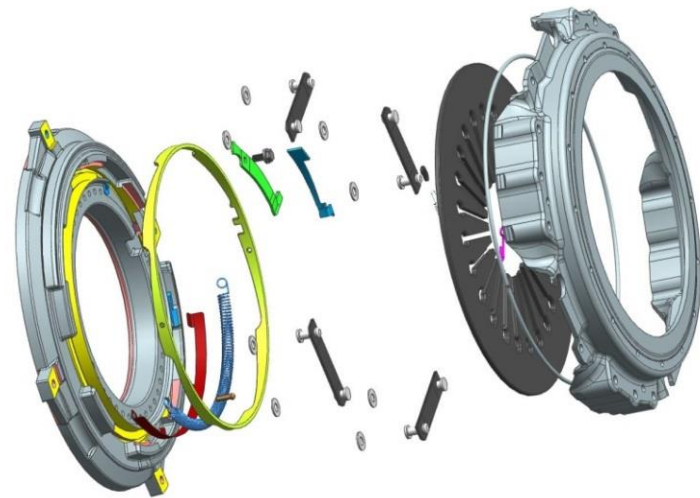
- https://youtu.be/qr0lZFHx_bc

Value Propositions



Best Match for Your Requirements

- Experienced OEM – certified clutch manufacturer Turkish supplier
- 85 % of all products are manufactured in Dönmez company facility
- High value products while ensuring full applicability for your entire fleet
- Active technical assistance
- Long product lifetime
- Длительный срок службы продукта
- Optimal performance guaranteed



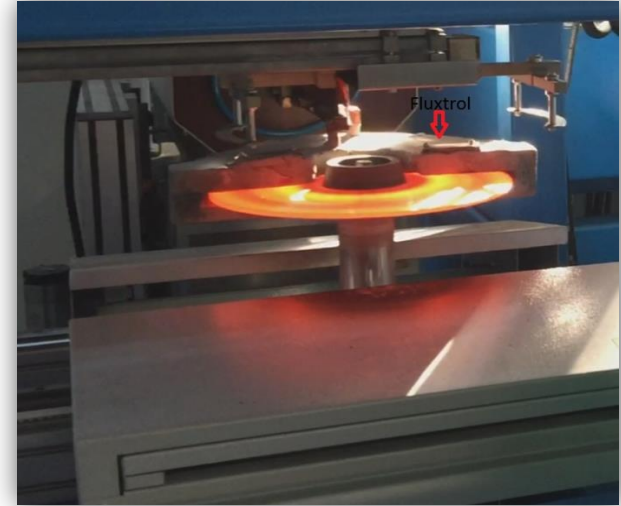
Value Propositions

Diaphragm Spring Production in House



Automatic Line

New Heat Treatment Full Automatic Line



Induction Heating



Quenching in cold water mold (no oil)

Test Equipments

Clutch Cover Assembly Performance Control Machine



Clutch Driven Disc Assembly Cushion Deflection Control Machine



Clutch Cover Assembly Durability Test Machine



Clutch Driven Disc Assembly
Torque and Hysteresis Control Machine



Clutch Driven Disc Assembly
Free movement (Drag Torque) Test Machine



Clutch Release Bearing Assembly Durability Test Machine



Quality Management System



Certification

ISO/TS 16949:2009

Quality Management System for Automotive



ISO 9001:2008

Quality Management System for All



Quality Management System



Certification

ISO 14001:2004 Environmental Management System



OHSAS 18001:2007 Health and Safety Management System



Quality Management System

Certification

GOST-R

Certificate of Conformity for Russia

РОССИЙСКАЯ ФЕДЕРАЦИЯ
СЕРТИФИКАТ СООТВЕТСТВИЯ
(обязательная сертификация)

№ С-ТР.АН32.В.04895 ТР 0905280
(номер сертификата соответствия) (учетный номер бланка)

ЗАЯВИТЕЛЬ Donmez Debriyaj Sanayi ve Ticaret A.S. Адрес: AOSB 10039 Sokak No:2 / Cigli / Izmir, Турция.
(наименование и место нахождения заявителя)

ИЗГОТОВИТЕЛЬ Donmez Debriyaj Sanayi ve Ticaret A.S. Адрес: AOSB 10039 Sokak No:2 / Cigli / Izmir, Турция.
(наименование и место нахождения изготовителя продукции)

ОРГАН ПО СЕРТИФИКАЦИИ Общество с ограниченной ответственностью "Дальневосточный сертификационный центр", 690105, г. Владивосток, ул. Бородинская, д. 46/50. ОГРН 1102339005634. Аттестат аккредитации № РОСС RU.0001.10АН32 выдан 28.10.2011. Федеральным агентством по техническому регулированию и метрологии.

ПОДТВЕРЖДАЕТ, ЧТО ПРОДУКЦИЯ элементы сцепления т.м. HAMMER и DONMEZ, комплекты сцепления, корзины сцепления, диски сцепления, выжимные подшипники, вилки выжима. См. приложение № 0386925-0386943. Серийный выпуск.

СООТВЕТСТВУЕТ ТРЕБОВАНИЯМ Технический регламент о безопасности колесных транспортных средств (ТЕХНИЧЕСКОГО РЕГЛАМЕНТА) (Постановление Правительства РФ от 10.09.2009 N 720, в ред. Постановления Правительства РФ от 10.09.2010 N 706)

(наименование технического регламента (технического регламента), на соответствие требованиям которого (которых) производится сертификация)

ПРОВЕДЕННЫЕ ИССЛЕДОВАНИЯ Протокол испытаний № 2543-С-ПТ-10/14 от 07.10.2014 г., (ИСПЫТАНИЯ) И ИЗМЕРЕНИЯ Испытательная лаборатория ООО "БИЗНЕС ХЭЛП" аттестат аккредитации № РОСС RU.0001.21AB87 выдан 21.10.2011 г. Федеральным агентством по техническому регулированию и метрологии, срок действия до 21.10.2016 г. адрес: 115191, г. Москва, ул. 2-я Рошинская, д. 4, этаж 2, пом. 1, комн. 6, тел. +7 (495) 920-61-67.

ПРЕДСТАВЛЕННЫЕ ДОКУМЕНТЫ (документы, представленные заявителем в орган по сертификации в качестве доказательства соответствия продукции требованиям технического регламента (технического регламента))

СРОК ДЕЙСТВИЯ СЕРТИФИКАТА СООТВЕТСТВИЯ с 16.12.2014 по 15.12.2017

Руководитель (заместитель руководителя) органа по сертификации Кафташкин Л.В.
Эксперт (эксперты) Лыков Н.М.
(подпись, инициалы, фамилия) (подпись, инициалы, фамилия)

EAC

Certificate of Conformity for Russia

ТАМОЖЕННЫЙ СОЮЗ
СЕРТИФИКАТ СООТВЕТСТВИЯ
№ TC RU C-TR.OC13.B.01407
Серия RU № 0353021

ОРГАН ПО СЕРТИФИКАЦИИ "НТЦ АВТОЭКСПЕРТ" Общество с ограниченной ответственностью "НТЦ АВТОЭКСПЕРТ", Место нахождения: 119334, Российская Федерация, город Москва, проспект Ленинский, дом 32А. Фактический адрес: 119334, Российская Федерация, город Москва, проспект Ленинский, дом 32А. Телефон: +74952681225, факс: +74952681225, адрес электронной почты: info@ntc-ae.ru. Аттестат аккредитации регистрационный № RA.RU.11OC13 выдан 27.03.2015 года Федеральной службой по аккредитации

ЗАЯВИТЕЛЬ "DONMEZ DEBRIYAJ SANAYI VE TIC.A.S." Место нахождения: ТУРЦИЯ, Ataturk Org.San.Bolgesi 10039 Sokak No.2 35620 Cigli/IZMIR Фактический адрес: ТУРЦИЯ, Ataturk Org.San.Bolgesi 10039 Sokak No.2 35620 Cigli/IZMIR Телефон: 903123953890, факс: 903123953894, адрес электронной почты: info@donmezdebriyaj.com.tr

ИЗГОТОВИТЕЛЬ "DONMEZ DEBRIYAJ SANAYI VE TIC.A.S." Место нахождения: ТУРЦИЯ, Ataturk Org.San.Bolgesi 10039 Sokak No.2 35620 Cigli/IZMIR Фактический адрес: ТУРЦИЯ, Ataturk Org.San.Bolgesi 10039 Sokak No.2 35620 Cigli/IZMIR

ПРОДУКЦИЯ Компоненты, поставляемые в качестве сменных (запасных) частей для послепродажного обслуживания транспортных средств, торговые марки «DONMEZ» и «HAMMER Kupplungen» (смотри приложение - банк № 0262685). Продукция изготовлена в соответствии с Директивой 2007/46/ЕС. Серийный выпуск

КОД ТН ВЭД ТС 8708 93 900 9

СООТВЕТСТВУЕТ ТРЕБОВАНИЯМ Технического регламента Таможенного союза ТР ТС 018/2011 "О безопасности колесных транспортных средств"

СЕРТИФИКАТ ВЫДАН НА ОСНОВАНИИ протокола испытаний №№ 3886-43-15/СП, 3887-43-15/СП от 29.12.2015 года. Испытательная лаборатория Общество с ограниченной ответственностью "СПБ-Стандарт", аттестат аккредитации регистрационный номер РОСС RU.0001.21AB94 действителен до 28.10.2016 года.

ДОПОЛНИТЕЛЬНАЯ ИНФОРМАЦИЯ Условия хранения, срок хранения (службы, годности) продукции указаны в прилагемой к продукции эксплуатационной документации.

СРОК ДЕЙСТВИЯ с 31.03.2016 по 30.03.2020 **ВКЛЮЧИТЕЛЬНО**

Руководитель (уполномоченное лицо) органа по сертификации А.А. Гушин
(подпись, инициалы, фамилия)
Эксперт (эксперт-аудитор) (эксперты (эксперты-аудиторы)) Д.И. Хохлов
(подпись, инициалы, фамилия) (подпись, инициалы, фамилия)

Quality Management System

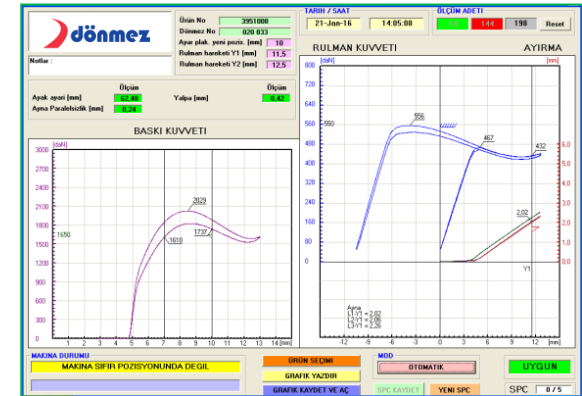


Test M/C & Capability

%100 Performance Test for Cover Assembly



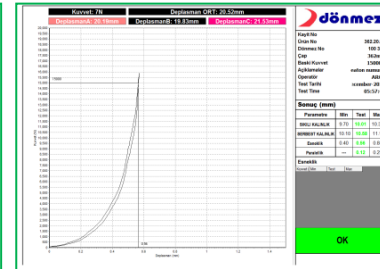
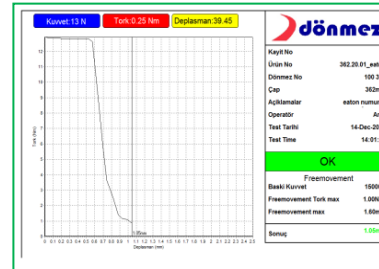
- ✓ Clamp Load
- ✓ Release Load
- ✓ Pressure Plate Lift
- ✓ Finger Height
- ✓ Unbalance
- ✓ Unparallelism
- ✓ Measurement



%100 Freemovement and Flexibility Tests for Driven Disc Assembly



- ✓ Cushion Deflection
- ✓ Thickness (underload/fre
- ✓ Runout
- ✓ Unbalance
- ✓ Freemovement Test
- ✓ Measurement

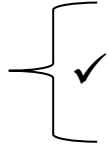


Quality Management System



Test M/C & Capability

%100 Inspection for Release Bearing



Measurement Control

		Son Kontrol Raporu (Final Control Report)			Tarih Date 28.06.2016			
					No SK15 13971			
Ürün Kodu Product Code	Ambalajlı Ürün Packaged Product Code	Resim Numarası Drawing Number	Ürün Adı Product Name	RELEASE BEARING ASSEMBLY				
	000 154	651.20.01						
Kontrolü Kopya Tarihi Controlled Copy Date		11.12.2015	Dönmez No	125980 (000 154)				
Parti No Batch No		Parti Adedi Batch Quantity	1	Numune Adedi Sample Quantity	1			
Kritik Ölçü Son Kontrolları / Final Control Critical Dimensions								
Önem Kodları Priority Codes		A Kritik / Critical		B Önemli / Important		C Normal / Normal		
Sıra Item	Tanımama Description	Önem Kodu	Ölçme Aleti Measuring Device	Resim Ölçüsü Drawing Dimension	Ölçülen Measured	Sapma Deviation	Kabul Ok	Red Reject
1	Part Number EATON		Visual Control	125980	✓		✓	
2	Push / Pull		Visual Control	PULL	✓		✓	
3	Self - Aligning / Rigid		Visual Control	RIGID	✓		✓	
4	Attach Style (Permanent/Quick)		Visual Control	PERMANENT	✓		✓	
5	Nb of roll-pin to prevent RB-rotation to fork		Visual Control	0	✓		✓	
6	Fork preload wire		Visual Control	YES	✓		✓	
7	Overmoulded bushing		Visual Control	YES	✓		✓	
8	Wire groove to fork contact	[mm]	Caliper	71.5 ±0,8	71.3		✓	





« Donmez Debriyaj exports its products under 2 Brands to 5 continents over 60 countries worldwide as well as domestic market Turkey. »

Sales & Marketing



DONMEZ is Original Equipment Supplier (ISO 16949)



TURKEY

• INONU



KAMAZ

RUSSIA

• N.CHELNY



RUSSIA

• YAROSLAV



BELARUSSIA

• MINSK



UKRAINE

• KREMENCHUK



TURKEY

• IZMIR

Otokar

TURKEY

• SAKARYA



Product Portfolio



Clutch, Flywheel, Turbo Charger and Components

New Products

➤ New product segment – LCV segment

➤ Ø 270 mm - 350 mm

➤ New Brands;

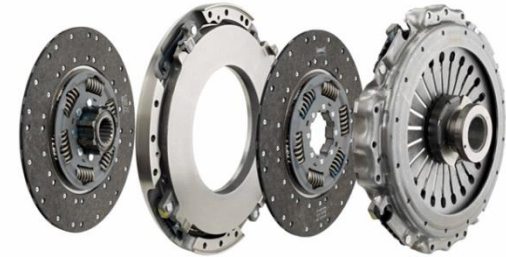
➤ Iveco

➤ Mitsubishi

➤ Isuzu

➤ Xtend – Self Adjusted cover

➤ DMF - Dual Mass Flywheel



Product Portfolio



DONMEZ Product Portfolio for Driven Disc

Ø DIA mm	Donmez Ref Part No
250	2
267	6
280	2
295	1
302	3
310	2
325	4
350	23
362	7
380	22
395	12
400	22
420	20
430	54
Total Ref PN	180



Ø DIA mm	Code	Donmez Ref Part No
250	250 GTZ	1
	250 ML6	1
267	267 ML6	1
	267 MLV	5
280	280 ML6	2
295	295 BHZ	1
302	302 ML6	3
310	310 GSB	1
	310 MLV	1
325	325 ML6	4
350	350 GTZ	9
	350 ML6	8
	350 MLV	2
	350 WGTZ	4
362	362 GTZ	4
	362 WGTZ	3
380	380 GSZ	3
	380 GTZ	9
	380 GVZ	2
	380 ML6	5
	380 WGTZ	1
	380 WGVZ	2
395	395 GTZ	4
	395 WGTZ	8
400	400 GTZ	3
	400 GVZ	9
	400 GVZ (SS)	1
	400 WGTZ	3
	400 WGVZ	6
420	420 GSZ	9
	420 GTZ	4
	420 GVZ	2
	420 WGSZ	1
	420 WGTZ	3
	420 WGVZ	1
430	430 GTZ	16
	430 GVZ	2
	430 WGTZ	36
Total Ref Part No		180

Product Portfolio



DONMEZ Product Portfolio for Cover Assembly

Ø DIA mm	Donmez Ref Part No
267	1
295	1
310	3
325	2
330	1
350	15
362	6
380	9
395	8
400	9
420	1
430	39
Total Ref Part	95

Type	Donmez Ref Part No
PUSH	50
PULL	45
Total Ref Part No	95

Material	Donmez Ref Part No
Steel Cover	68
Cast Iron	27
Total Ref Part No	95



Ø DIA mm	Type	Code	Material	Donmez Ref Part No
267	PUSH	MF 267	Steel Cover	1
295	PUSH	GF 295	Cast Iron	1
310	PULL	MFZ 310	Steel Cover	2
	PUSH	MF 310	Steel Cover	1
325	PUSH	MF 325	Steel Cover	2
330	PUSH	GMF 330	Cast Iron	1
350	PUSH	G 350	Cast Iron	2
		GF 350	Cast Iron	2
		GMF 350	Cast Iron	6
		MF 350	Steel Cover	5
362	PULL	MFZ 362	Steel Cover	1
380	PUSH	MF 362	Steel Cover	5
	PULL	GMFZ 2/380	Cast Iron	1
	PUSH	G 380	Cast Iron	2
		GF 380	Cast Iron	3
		M 380	Steel Cover	3
		MFZ 395	Steel Cover	1
395	PUSH	MF 395	Steel Cover	7
400	PULL	GMFZ 2/400	Cast Iron	2
		MFZ 2/400X	Steel Cover	1
		MFZ 400	Steel Cover	4
		MFZ 400X	Steel Cover	2
420	PUSH	GF 420	Cast Iron	1
430	PULL	MFZ 430	Steel Cover	31
	PUSH	GMF 430	Cast Iron	6
		MF 430	Steel Cover	2
Total Ref Part				95

Product Portfolio



DONMEZ Product Portfolio for Release Bearing



Available Pull and Push type release bearings version that is suitable for light and heavy duty vehicle applications.



TYPE	Donmez Ref Part No
HHIS-3	1
KZI-1	1
KZI-3	2
KZI-4,5	5
KZIS-3	2
KZIS-4	17
KZISZ-3	2
KZISZ-5	33
KZIZ-4,5	1
KZIZ-5	1
Total Ref Part No	65

Product Portfolio



DONMEZ Product Portfolio for KIT

Ø DIA mm	Donmez Ref Part No
267	5
300	2
310	5
325	4
350	26
362	21
380	19
395	28
400	33
420	2
430	168
Total Ref Part No	313



Ø DIA mm	Code	Donmez Ref Part No
267	KIT 267 BDR	5
300	KIT 300 BD	2
310	KIT 310 BDR	5
325	KIT 325 BD	3
	KIT 325 BDR	1
	KIT 350 BD	10
	KIT 350 BDD	2
350	KIT 350 BDDR	1
	KIT 350 BDR	11
	KIT 350 BDRZ	2
362	KIT 362 BD	3
	KIT 362 BDR	18
	KIT 380 BD	5
	KIT 380 BDD	1
380	KIT 380 BDDR	2
	KIT 380 BDR	8
	KIT 380 BR	1
	KIT 380 BRDD	2
395	KIT 395 BD	9
	KIT 395 BDR	14
	KIT 395 BDRZ	3
	KIT 395 BDZ	2
	KIT 400 BD	4
	KIT 400 BDD	2
	KIT 400 BDDR	9
400	KIT 400 BDR	8
	KIT 400 BR	4
	KIT 400 BRDD	5
	KIT 400 DD	1
420	KIT 420 BD	2
	KIT 430 BD	20
	KIT 430 BDDR	1
430	KIT 430 BDR	125
	KIT 430 BDRZ	7
	KIT 430 BR	12
	KIT 430 BRD	1
	KIT 430 BRDD	2
Total Ref Part No		313

%100 Coverage OEM KIT Referances



Vehicle	Model Group Family	Sachs No	Hammer No	Description
MAN	14 ... 18... 24...	3400 700 362	700 362	KIT 430BDR
		3400 700 363	700 363	KIT 430BDR
	E 2000	3400 122 201	122 201	KIT 430BDR
	F 2000	3400 125 401	122 201	KIT 430BDR
		3400 121 701	121 701	KIT 395BDR
		3400 121 801	121 801	KIT 362BD
		3400 122 201	122 201	KIT 430BDR
		3400 122 301	122 301	KIT 430BDR
		3400 125 401	122 201	KIT 430BDR
		3400 710 001	710 001	KIT 362BDRS_SC
		3400 121 901	121 901	KIT 400BRDD
		3400 122 201	122 201	KIT 430BDR
		3400 122 301	122 301	KIT 430BDR
		3400 125 401	122 201	KIT 430BDR
		3400 700 301	700 301	KIT 400BDR_S
		3400 122 201	122 201	KIT 430BDR
	F 90 Unterflur	3400 122 301	122 301	KIT 430BDR
		3400 125 401	122 201	KIT 430BDR
		3400 121 701	121 701	KIT 395BDR
		3400 121 801	121 801	KIT 362BD
	L 2000	3400 125 501	125 501	KIT 350BDRZ
		3400 700 303	700 303	KIT 362BD
		3400 710 001	710 001	KIT 362BDRS_SC
		3400 710 002	710 002	KIT 362BDRS_SC
	LION'S COACH STAR	3400 700 362	700 362	KIT 430BDR
		3400 700 363	700 363	KIT 430BDR
		3400 700 404	700 404	KIT 430BDR-BK
		3400 121 701	121 701	KIT 395BDR
	M 2000 L	3400 121 801	121 801	KIT 362BD
		3400 700 302	700 302	KIT 395BDR
		3400 700 303	700 303	KIT 362BD
		3400 710 003	710 003	KIT 362BDRS_SC
	M 2000 M	3400 121 701	121 701	KIT 395BDR
		3400 700 302	700 302	KIT 395BDR
		3400 700 303	700 303	KIT 362BD
		3400 121 701	121 701	KIT 395BDR
	M 90	3400 121 801	121 801	KIT 362BD
		3400 122 201	122 201	KIT 430BDR
		3400 122 301	122 301	KIT 430BDR
		3400 125 401	122 201	KIT 430BDR
	ÖSTERREICHISCHE (OAF)	3400 125 501	125 501	KIT 350BDRZ
		3400 710 001	710 001	KIT 362BDRS_SC
		3400 121 901	121 901	KIT 400BRDD
		3400 122 201	122 201	KIT 430BDR
		3400 122 301	122 301	KIT 430BDR
		3400 125 401	122 201	KIT 430BDR
		3400 125 501	125 501	KIT 350BDRZ
		3400 700 402	700 402	KIT 430BDR-BK
	STEYR :	3400 121 701	121 701	KIT 395BDR
		3400 121 801	121 801	KIT 362BD
		3400 122 201	122 201	KIT 430BDR
		3400 122 301	122 301	KIT 430BDR
		3400 125 401	122 201	KIT 430BDR
		3400 125 501	125 501	KIT 350BDRZ
		3400 700 402	700 402	KIT 430BDR-BK
		3400 121 701	121 701	KIT 395BDR
	TGA	3400 127 401	127 401	KIT 430BDR
		3400 700 314	700 314	KIT 430BDR
		3400 700 380	700 380	KIT 430BDR
		3400 700 402	700 402	KIT 430BDR-BK
		3400 700 403	700 403	KIT 430BDR
		3400 700 404	700 404	KIT 430BDR-BK
		3400 121 701	121 701	KIT 395BDR
		3400 700 303	700 303	KIT 362BD
	TGL - TGM	3400 700 380	700 380	KIT 430BDR
		3400 700 402	700 402	KIT 430BDR-BK
		3400 700 403	700 403	KIT 430BDR
		3400 700 404	700 404	KIT 430BDR-BK

Vehicle	Model Group Family	Sachs No	Hammer No	Description
DAF	65	3400 700 318	700 318	KIT 362BDRZ
		3400 700 405	700 405	KIT 362BDRZ
		3400 700 428	700 428	KIT 362BDRZ
		3400 700 405	700 405	KIT 362BDRZ
	65 - 69 CF	3400 122 101	122 101	KIT 430BDR
	75 CF	3400 700 304	122 101	KIT 430BDR
		3400 121 101	121 101	KIT 430BDR
		3400 700 304	122 101	KIT 430BDR
	85	3400 700 305	700 305	KIT 430BDRZ-D
		3400 121 001	121 001	KIT 430BDRZ-D
		3400 121 002	121 002	KIT 430BDRZ-D
		3400 122 101	122 101	KIT 430BDR
	85 CF	3400 700 304	122 101	KIT 430BDR
		3400 121 001	121 001	KIT 430BDRZ-D
		3400 121 002	121 002	KIT 430BDRZ-D
		3400 122 101	122 101	KIT 430BDR
	95	3400 125 701	125 701	KIT 430BDRZ-D
		3400 700 304	122 101	KIT 430BDR
		3400 121 001	121 001	KIT 430BDRZ-D
		3400 121 002	121 002	KIT 430BDRZ-D
	95 XF	3400 121 001	121 001	KIT 430BDRZ-D
		3400 121 002	121 002	KIT 430BDRZ-D
		3400 122 101	122 101	KIT 430BDR
		3400 700 304	122 101	KIT 430BDR
	CF 65	3400 700 305	700 305	KIT 430BDRZ-D
		3400 700 308	700 308	KIT 395BDRZ
		3400 700 316	700 316	KIT 395BDRZ
		3400 122 101	122 101	KIT 430BDR
	CF 75	3400 700 304	122 101	KIT 430BDR
		3400 700 316	700 316	KIT 395BDRZ
		3400 122 101	122 101	KIT 430BDR
		3400 700 304	122 101	KIT 430BDR
	CF 85	3400 700 304	122 101	KIT 430BDR
		3400 124 101	124 101	KIT 430BDR
		3400 124 601	124 601	KIT 430BDRZ-D
		3400 125 701	125 701	KIT 430BDRZ-D
	F 2800	3400 700 305	700 305	KIT 430BDRZ-D
		3400 124 601	124 601	KIT 430BDRZ-D
		3400 124 601	124 601	KIT 430BDRZ-D
		3400 125 701	125 701	KIT 430BDRZ-D
	F 2900 - F 3200	3400 700 305	700 305	KIT 430BDRZ-D
		3400 700 308	700 308	KIT 395BDRZ
		3400 700 320	700 320	KIT 395BDRZ
		3400 700 305	700 305	KIT 430BDRZ-D
	F 3300	3400 122 101	122 101	KIT 430BDR
		3400 700 304	122 101	KIT 430BDR
		3400 700 304	122 101	KIT 430BDR
		3400 700 304	122 101	KIT 430BDR
	LF 45	3400 700 305	700 305	KIT 430BDRZ-D
		3400 700 308	700 308	KIT 395BDRZ
		3400 700 320	700 320	KIT 395BDRZ
		3400 700 305	700 305	KIT 430BDRZ-D
	LF 55	3400 700 305	700 305	KIT 430BDRZ-D
		3400 700 308	700 308	KIT 395BDRZ
		3400 700 320	700 320	KIT 395BDRZ
		3400 700 305	700 305	KIT 430BDRZ-D
	VAN HOOL :	3400 122 101	122 101	KIT 430BDR
		3400 700 304	122 101	KIT 430BDR
		3400 700 304	122 101	KIT 430BDR
		3400 700 304	122 101	KIT 430BDR

Vehicle	Model Group Family	Sachs No	Hammer No	Description
SCANIA	111	3400 125 901	125 901	KIT 430BD-D
	2 - series	3400 125 901	125 901	KIT 430BD-D
	3 - series	3400 123 501	123 501	KIT 400BDR S
		3400 123 601	123 601	KIT 400BDR S
		3400 123 701	123 701	KIT 430BDR
		3400 123 801	123 801	KIT 430BDR
		3400 125 901	125 901	KIT 430BD-D
		3400 123 501	123 501	KIT 400BDR S
	3 - series bus	3400 123 501	123 501	KIT 400BDR S
		3400 123 601	123 601	KIT 400BDR S
		3400 125 901	125 901	KIT 430BD-D
		3400 122 001	122 001	KIT 430BD
	4 - series	3400 123 501	123 501	KIT 400BDR S
		3400 123 601	123 601	KIT 400BDR S
		3400 123 701	123 701	KIT 430BDR
		3400 123 801	123 801	KIT 430BDR
		3400 125 901	125 901	KIT 430BD-D
		3400 700 323	700 323	KIT 400BD S
		3400 700 324	700 324	KIT 430 BD S
		3400 700 352	700 352	KIT 430BDR-BK
	Bus	3400 710 004	710 004	KIT 430BDRS_SC
		3400 122 001	122 001	KIT 430BD
		3400 123 701	123 701	KIT 430BDR
		3400 125 901	125 901	KIT 430BD-D
	K 112	3400 700 354	700 354	KIT 430BDR
		3400 125 701	125 701	KIT 430BDRZ-D
	P,G,R,T - series	3400 700 352	700 352	KIT 430BDR-BK
		3400 700 372	700 372	KIT 430BDR



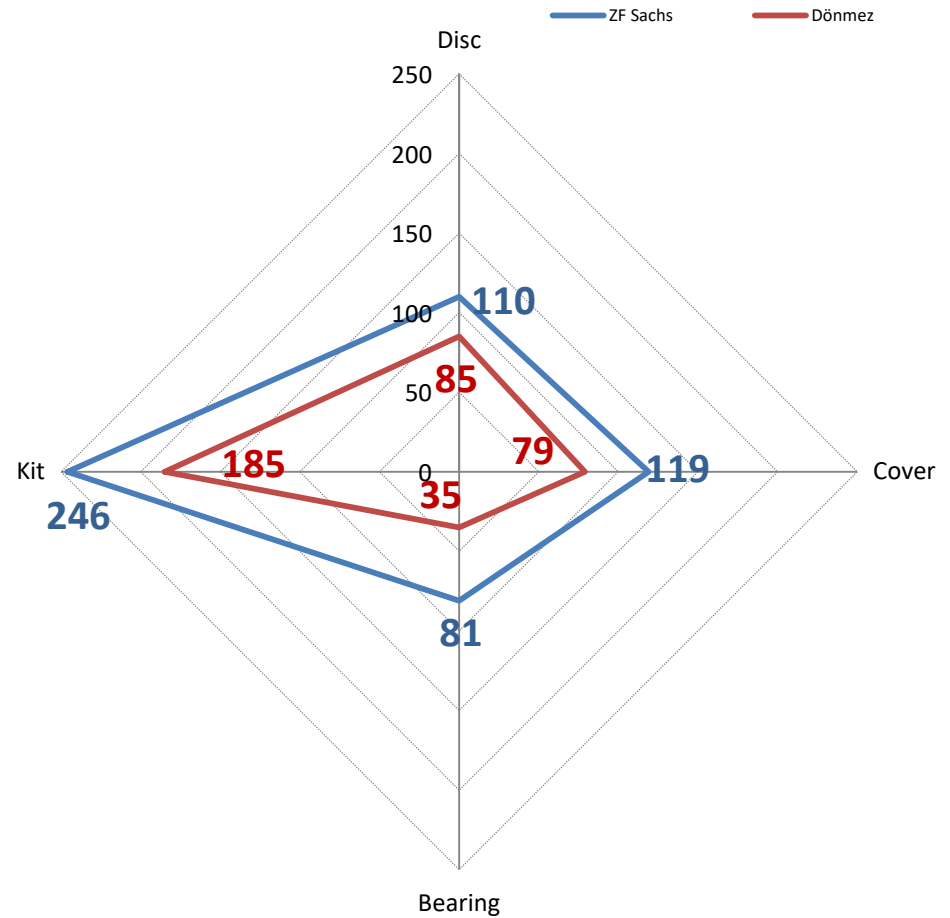
**DONMEZ is covering %90 of all KIT References for OEM Truck Manufacturers
MERCEDES , DAF , SCANIA , MAN , IVECO , VOLVO , RENAULT**

Product Coverage



Benchmarking , Donmez vs ZF

Ø 362 - 430 mm			
	ZF Sachs	Dönmez	% Coverage
Disc	110	85	78 %
Cover	119	79	66 %
Bearing	81	35	43 %
Kit	246	185	75 %
Total	556	384	70 %



HD POWER SERIE



Heavy Duty Clutch



HD POWER SERIES



FORD CARGO 2526 - 2530 - 3230 POWER SERIE

Part No	DIA mm	Description	Type	Details
042 221	395	CARGO 2526 - 3230 Power Serie	DISC	395 GTZ - 1 3/4" 10N Open 6 Springs
835 221	395	CARGO 2526 - 3230 Power Serie	KIT (CA-DD)	CA_Cover Assembly + DD_Driven Disc _ No BEARING (041 833 - 042 221)



MERCEDES AXOR 2528 - 2529 - 3029 - 3228 POWER SERIE

Part No	DIA mm	Description	Type	Details
022 802	395	AXOR OM 906 POWER SERIE	DISC	395 GTZ - 36 X 40 18N Open 6 Springs
123 301	395	AXOR OM 906 POWER SERIE	KIT (CA-DD)	CA_Cover Assembly + DD_Driven Disc _ No BEARING (021 833 - 022 802)



MERCEDES AXOR OM 457 POWER SERIE

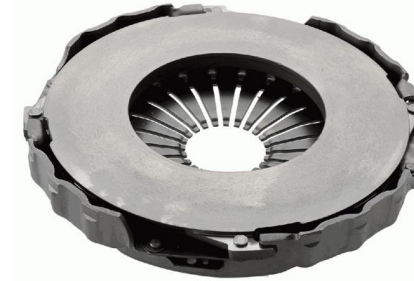
Part No	DIA mm	Description	Type	Details
022 730	430	AXOR OM 457 POWER SERIE	DISC	430 WGTZ - 45 X 50 18N Open 6 Springs
125 801	430	AXOR OM 457 POWER SERIE	KIT	CA_Cover Assembly + DD_Driven Disc _ RB Bearing (Pre - assembled)

PTO Clutch (Power Take Off)



Vehicle Brand	Hammer Ref	Sachs Ref	Hammer Component Ref		Sachs Ref	OE Ref.
RENAULT	700 485	3400 700 485	Pressure Plate	161 631	3482 123 631	5010 545 671
			Driven Disc	100 035	1878 004 832	5010 545 038
			Release Bearing	263 031	3151 263 031	5010 244 390
MERCEDES	700 416	3400 700 416	Pressure Plate	021 039	3483 000 139	008 250 43 04
			Driven Disc	020 730	1878 002 730	020 250 15 03
			Release Bearing	assembled to pressure plate		
MAN	700 327	3400 700 327	Pressure Plate	107 031	3482 114 031	81.303.010.505
			Driven Disc	100 035	1878 004 832	81.303.050.226
			Release Bearing	assembled to pressure plate		
			Flywheel <i>Not included in Kit</i>	109 033	3421 601 047	51.023.016.033
SCANIA	-	-	Pressure Plate	185 031	3483 024 031	1393185
			Driven Disc	180 231	1878 063 231	1324883
			Release Bearing	assembled to pressure plate		
			Flywheel <i>Not included in Kit</i>	189 019	3421 601 019	1487557
			Flywheel <i>Not included in Kit</i>	189 042	3421 601 042	1487558
SCANIA	-	-	Pressure Plate	180 259	3483 000 259	1436695
			Driven Disc	180 065	1878 003 065	1495759
			Release Bearing	assembled to pressure plate		
			Flywheel <i>Not included in Kit</i>	189 059	3421 601 059	1805085
SCANIA	-	-	Pressure Plate	180 589	3482 000 589	1436695
			Driven Disc	180 065	1878 003 065	1854206
			Release Bearing	180 273	3151 000 273	1521513
			Flywheel <i>Not included in Kit</i>	180 059	3421 601 059	1805085

430 mm PUSH TYPE – VOLVO (I-SHIFT)



ZF PN	TYPE	HAMMER	Vehicles
3400 710 061	KIT 430 BDR	NA	Renault KERAX 450 , 460
3482 000 553	BASKI	160 553	Renault Magnum RXI 13.520
1878 006 129	DISK	090 948	VOLVO FH 440 , 480 , 520 , 540
6482 000 155	RULMAN	NA	VOLVO FM 360 , 400 , 440 , 480

ZF PN	TYPE	HAMMER	Vehicles
3400 710 060	KIT 430 BDR	NA	Renault KERAX 370 , 410
3482 000 552	BASKI	160 552	Renault Premium 2
1878 003 867	DISK	090 634	Volvo B9
6482 000 155	RULMAN	NA	Volvo FM 300 , 340 , 380

ZF PN	TYPE	HAMMER
3400 700 359	KIT 430 BD	700 359
3482 000 553	BASKI	160 553
1878 006 129	DISK	090 948

ZF PN	TYPE	HAMMER
3400 700 358	KIT 430 BD	700 358
3482 000 552	BASKI	160 552
1878 003 867	DISK	090 634

XTEND Clutch (Self Adjusted Mechanism)



Hammer Kupplungen is very pleased to introduce new family members.

These new family members replace Xtend clutch systems which is fitted as standard and original, Self-adjusting (XTend) clutch sets produced for Mercedes Benz, Neoplan, Setra and MAN vehicles provide a longer lifetime in comparison to normal clutches

and ensure consistent clutch pedal force through the lifetime, providing ease of use.

As seen in the image these products work synchronized with the adjustment mechanism and therefore the whole set must be changed in case of replacement.

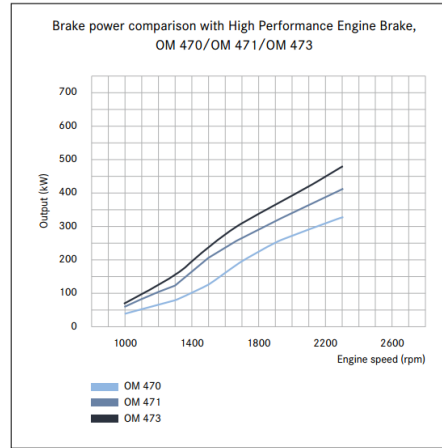
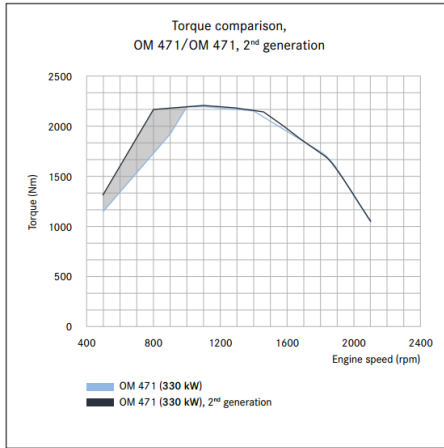
DD Ref	DD Ref	Sachs Ref	OEM Ref
020 509	3400 700 509 3400 700 512	81.30000.6641	Evobus
			Mercedes
			Neoplan
			Setra
			Man

400 & 380 mm TWIN CLUTCH Applications



Vehicle	Model	Hammer Part No	Sachs Part No	Dia [mm]	Type
VOLVO	FH 12 - FM 12	700 427	3400 700 427	380 mm	TWIN KIT 380 BDDR
	FH 12 - FL 12	700 426	3400 700 426		TWIN KIT 380 BDDR
	FH - FM - FHX	700 348	3400 700 348		TWIN KIT 380 BDDR
	FH 12 - FM 12	700 326	3400 700 326		TWIN KIT 380 BDDR
	FH 12 - FH 16	091 253	3400 700 406	400 mm	TWIN KIT 400 BDDR
	FH - FM 16 - FHX	700 360	3400 700 360		TWIN KIT 400 BDDR
	FH 12&16 - FM 12	700 422	3400 700 422		TWIN KIT 400 BDDR
MERCEDES	Actros - Axor	121 501	3400 121 501	430 mm	TWIN KIT 400 BDDR
	Actros	121 601	3400 121 601		TWIN KIT 400 BDDR
	Actros	700 416	3400 700 416		TWIN KIT 430 BDDR
MAN	F 90	121 901	3400 121 901	400 mm	TWIN KIT 400 BDDR
RENAULT	Magnum & CBH	163 031	3400 093 031		TWIN KIT 400 BDDR
	Kerax - Premium	117 532	3400 117 532		TWIN KIT 400 BDDR

New Clutches for Euro VI Engine Applications **MERCEDES AROCS**



MERCEDES AROCS Euro 6 Engine Construction Truck 3400 700 609 (HAMMER 700 609)

More Torque & Strong Engine Brake Performance with OM47 Engines

Mercedes Arocs with power ratings from 175 kW (238 hp) to 460 kW (625 hp)
Ø 400 mm new design EURO VI Mercedes Arocs ;
Clutch Set **is ready for Donmez product range.**



Research & Development



RENAULT & VOLVO New Clutches for Euro 6 Engine Applications



VOLVO FH 16 II



RENAULT 440 → 520 BG

3400 700 601 – HAMMER 700 601

Ø 430 mm size of CP Type Clutch SETs for Volvo & Renault Trucks Euro VI is under prototype stages at Donmez company. New products will be released on plan for by **the end of 2017.**

New Design ffeature for disc caps and CP Type Clutch Cover will have the capacity for higher Torques for Euro VI engines.



New Clutches for Euro 6 Engine Applications **MERCEDES ACTROS 1824 – 1863 EURO VI**



3400 700 535 – HAMMER 700 535

Ø 400 mm C TYPE _ XTEND (Self Adjusted Clutch Mechanism)

Clutch SETs is under the prototype production stage. at Donmez company.

New products will be released on plan for by **the end of 2017.**

FLYWHEELS



FLYWHEEL PRODUCT RANGE



DONMEZ FLYWHEELS LIST

Vehicle	Description	ZF OE Ref	REF.No	Ø mm / No of Holes	Donmez No
VOLVO	VOLVO FH-FMB12 - FH 12 - FM 12	3421 601 060	3421 601 060	430 / 10	099 060
SCANIA	VOLANT SCANIA 124 FLYWHEEL FOR SCANIA 124 ENGINE TYPE DS12	3421 601 019	032 032-6	430 / 10	189 019
SCANIA	Scania 124 - PGRT Serisi	3421 601 059	032 032-6C	430 / 10	189 059
SCANIA	Scania 124 - Scania BUS - Scania 4 Series	3421 601 042	032 032-6A	430 / 10	189 042
RENAULT	Premium 385	196243	196243	385 / 8	169 610
MERCEDES	Actros OM501 LA-502 LA 37 Yargı 400 mm	3421 601 016	032 032-3	430 / 10	029 105
MERCEDES	Mercedes 430 mm 3031-MB OM442 - 1222-1226-1234-1422-1426-1722	3421 601 011	032 024	430 / 10	029 205
MERCEDES	Mercedes MB V6 420 mm 1622-1632-1932-2032-2232-2632-O303- 405	3421 601 010	032 016	420 / 10	029 405
MERCEDES	AXOR OM906 LA 1823-1828-2523-2528-2623-2628-3028-3228	3421 601 049	032 037-1	395 / 8	029 049
MERCEDES	MB-Trac OM366 UNIMOG	3421 601 002	031 003-1	360 / 8	029 305
MERCEDES	DMF Dual Mass Flywheel - Motor - Daimler O 350 (TOURISMO) -O 403 -O 530 (CITARO)O 550 (INTEGRO) - O 580	6594 000 079	032 047	430 / 10	029 403
MERCEDES	O350-TOURISMO - O530-CITARO O550-INTEGRO - O580-TRAVEGO	3421 601 050	032 042	430 / 10	069 020
MERCEDES	Atego (360 mm) 37 Delik OM904 - ATEGO 712 - 717 VARIO Bus VARIO Box Body / Estate	3421 601 052	032 044-1	362 / 8	028 205
MAN	TGA - 19463 EDL	3421 601 047	032 032-13	430 / 10	109 033
MAN	19.430 TGA (430 mm) 58 Delik TGA / TGX / TGS CITYLINER / SKYLINER -STARLINER / TOURLINER	3421 601 045	032 032-16	430 / 10	109 258
MAN	DMF Dual Mass Flywheel - Neoplan Euroliner info N 3312 K / U (260 kW) - N 3313 U (260 kW)	6594 000 080	-	430 / 10	109 080
MAN	TGA-TGS-TGX Cityliner-Jetliner-Skyliner-Starliner	3421 601 062	032 032-21	430 / 10	NEW CODE
MAN	TGA - TGX	3421 601 075		430 / 10	NEW CODE
MAN	M.A.N ENGINE TYPE: FOR TRUCK:2876LF 1313 FOR BUS:LOH2021	3421 601 043	032 032-14	430 / 10	NEW CODE
IVECO	Eurotech		CH 190B	430 / 10	319 708
DAF	XF EURO2 - 85 CF - 95 XF	3421 601 041	031 003-7	430 / 10	209 041
DAF	CF EURO3		5.40311	430 / 10	209 311

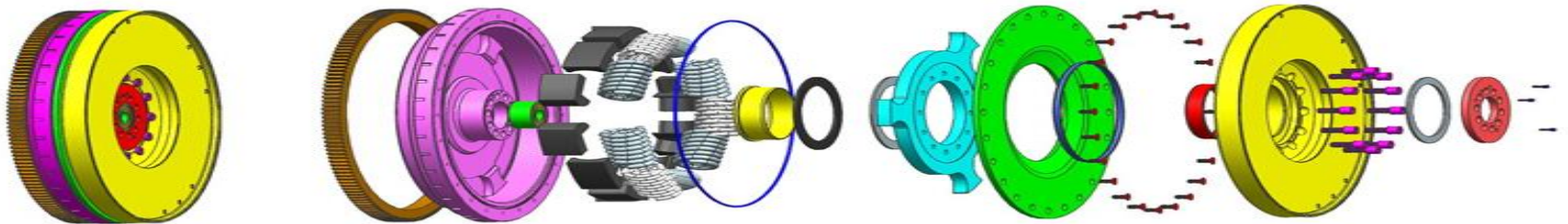
DMF – Dual Mass Flywheel



- ✓ The DMF transmits the engine torque to the clutch pressure plate and the clutch disk. Its primary purpose is to isolate the torsional vibrations generated in the engine, preventing them from passing into the driveline.
- ✓ Dual-mass flywheels are designed such that engine vibrations are largely reduced in all speed range



Vehicle	Description	ZF OE Ref	Ø mm / No of Holes	Donmez No
MERCEDES	DMF Dual Mass Flywheel - Motor - Daimler O 350 (TOURISMO) - O 403 - O 530 (CITARO) O 550 (INTEGRO) - O 580	6594 000 079	430 / 10	029 403
MAN	DMF Dual Mass Flywheel - Neoplan Euroliner info N 3312 K / U (260 kW) - N 3313 U (260 kW)	6594 000 080	430 / 10	109 080



NEW LCV Segment



NEW LCV Segment Product Development

IVECO
DAILY





N-series

DD Ref	Exedy Ref	OEM Ref	Diameter
401 121	ISK2121	NPR75	325 mm
401 103	ISK2103	NQR New model	325 mm
401 064	ISK2063	NQR Old model	325 mm
401 102	ISK2102	NPR 66 & NKR New Model	300 mm
401 056	ISK2056	NPR 66 & NKR Old model	300 mm
401 023	ISK2023	NPR 59 New Model	275 mm
401 021	ISK2011	NPR 59 Old Model	275 mm



IVECO

Daily



Iveco Daily Type	Iveco OEM Ref.	Valeo Ref.	AP Ref.	Diameter
M14 - 65.9 - Daily 49.12	1908543 Kit	801410	K2011	Ø267
Daily 35 C 11	1908520 Kit	826021	K2052	Ø235
Daily 35 C 13	2995724 Kit	827163	K2069	Ø267
Iveco 65 C 15	2994020 Kit	827014	K2064	Ø280



Vehicle Model	Hammer Kit Ref	Exedy Kit Ref	Description
FE 449	403 449	MFK2009	275 BDR
Fe 659	403 659	MFK2012	300 BDR
FE 839	402 839	MFS2022	275 BD
Vehicle Model	Hammer Cover Ref	Exedy Cover Ref	OE Cover Ref
FE 449	402 540	MFC540	ME500507
Fe 659	402 560	MFC560	ME521118
FE 839	402 585	MFC585	ME507162
Vehicle Model	Hammer Disc Ref	Exedy Disc Ref	OE Disc Ref
FE 449	402 015	MFD015U	ME500394
Fe 659	402 067	MFD067U	ME515796
FE 839	402 094	MFD094U	ME516321
Vehicle Model	Hammer Bearing Ref	Exedy Bearing Ref	OE Bearing Ref
FE 449	403 851	BRG851	ME605584
Fe 659	403 881	BRG881	ME609370
FE 839			

TURBO CHARGES



MERCEDES TURBO CHARGERS

TURBO CHARGER

MERCEDES

AXOR 1835 - 1840 - 2640 - 3240 - 3340 - 4140

Part No	O.EM. NO	SWITCHER	BORGWARNER	GARRET	Description
020 457	008 096 50 99	318960			AXOR OM457 LA EURO3 TURBO CHARGER
	009 096 65 09				

2517 - 2521

Part No	O.EM. NO	SWITCHER	BORGWARNER	GARRET	Description
020 366	366 096 08 09		53279886441	465366-5013S	MERC.TÜRK KAMYON OM 366 LA TURBBO CHARGER
	366 096 02 99				

ATEGO 1215 - 1517

Part No	O.EM. NO	SWITCHER	BORGWARNER	GARRET	Description
020 904	904 096 98 99		53169887155	729546-5001S	ATEGO OM904 LA EURO 2-3 TURBO CHARGER
	904 096 76 99				

AXOR 1823-1828-2523-2528-2623-2628-3028-3228

Part No	O.EM. NO	SWITCHER	BORGWARNER	GARRET	Description
020 906	906 096 46 99		53279887120		AXOR OM906 LA TURBO CHARGER
	906 096 90 99				



Online Catalogue – TECDOC



The screenshot displays the TecDoc 2.0 online catalogue interface. The main window shows a list of clutch sets with columns for 'Resim' (Image), 'Ürün numarası' (Product number), and 'Açıklama' (Description). The list includes:

- SACHS Debriyaj seti** (Clutch set) with product number 3400 122 801. Description: "SACHS Debriyaj seti", "üzerinden bulundu Karşılaştırma numarası: 122 801", "Ø: 430 mm, Dis sayısı: 18, Parçalar için parça listesine", "Teknik bilgi: releaser fitted to the cover assembly değiştirildi: - 3400 700 413".
- LIPE CLUTCH Debriyaj seti** (Clutch set) with product number AKB-L2204. Description: "LIPE CLUTCH Debriyaj seti", "üzerinden bulundu Karşılaştırma numarası: 122 801", "Ø: 430 mm, Poyra profili: 18 x 50mm, Dis sayısı: 18, Pa", "genel bilgi: Pull Type".
- DÖNMEZ Debriyaj seti** (Clutch set) with product number 122 801. Description: "DÖNMEZ Debriyaj seti", "üzerinden bulundu Ürün numarası: 122 801", "Parametre: KIT 430BDR, Ø: 430 mm", "Teknik bilgi: Rulman Baskıya montajlıdır".
- VALEO Debriyaj seti** (Clutch set) with product number 827025. Description: "VALEO Debriyaj seti", "üzerinden bulundu Karşılaştırma numarası: 122801", "Kullanım numarası: 230048, 430DTE".

The detailed view of the Dönmez 122 801 clutch set is shown on the right. It includes the following information:

- Genel** (General): Ürün numarası (Product number) 122 801, Ürün konumu (Product location) Normal, Ambalaj birimi (Packaging unit) 1, Ambalaj başı miktar (Packaging head quantity) 1.
- Kriterler** (Criteria): Parametre (Parameter) Ø, Bilgiler (Information) Rulman Baskıya montajlıdır.
- SVHC** (Substance of Very High Concern) button.

The bottom right corner of the interface features the TecAlliance logo and contact information:

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"Donmez is certified data supplier for TECDOC since 2010"

- DÖNMEZ WAS ACCEPTED INTO TURQUALITY BRAND SUPPORT PROGRAM WITH HAMMER KUPPLUNGEN BRAND
- HAMMER KUPPLUNGEN IS AMONG TURQUALITY SUPPORTED BRANDS



Throughout the years with our approved OEM quality
products in the market and with the support of
worldwide satisfied business partners...
exceeding your expectations...

The Way forward