

120



Pump coupling on test bench

Basic equipment





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120 PUMP COUPLING ON TEST BENCH

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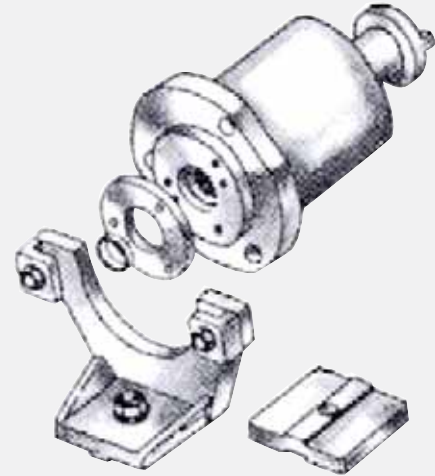




MARBED[®]
PROFESSIONAL DIESEL SERVICE TOOLS

9659

Cushioned Coupling for CAV-DPA-DPS- DPC-BOSCH VE



9659

Cushioned puller coupling
for CAV DPA, DPS, DPC
and BOSCH VE pumps
adaptable to all test benches by **9680-A (A)**
supplied with 3 gears



DPC **9659-I17**
gear - cone Ø 17



DPS **9659-I20**
gear - cone Ø 20



DPA **9659-IDPA**
CAV female gear - external Ø gear 35,5



optional
DPA **9872**
CAV gear
NOT INCLUDED

ISO 4008/1 Anti-backlash driving couplings



These couplings can be used to drive left and right any pump up to 600 Nm.
They must turn inside the proper protective cover. RIF. **BH 1 685 510 016**



ISO 4008/1 anti-backlash coupling
length 116 mm.
Ø mm 115 - M10 holes

9873

BH 1 686 401 028
BH 1 686 401 029



ISO 4008/1 anti-backlash coupling
Ø mm 110 - M10 holes
(MAGASA F115 test bench)

9873-A

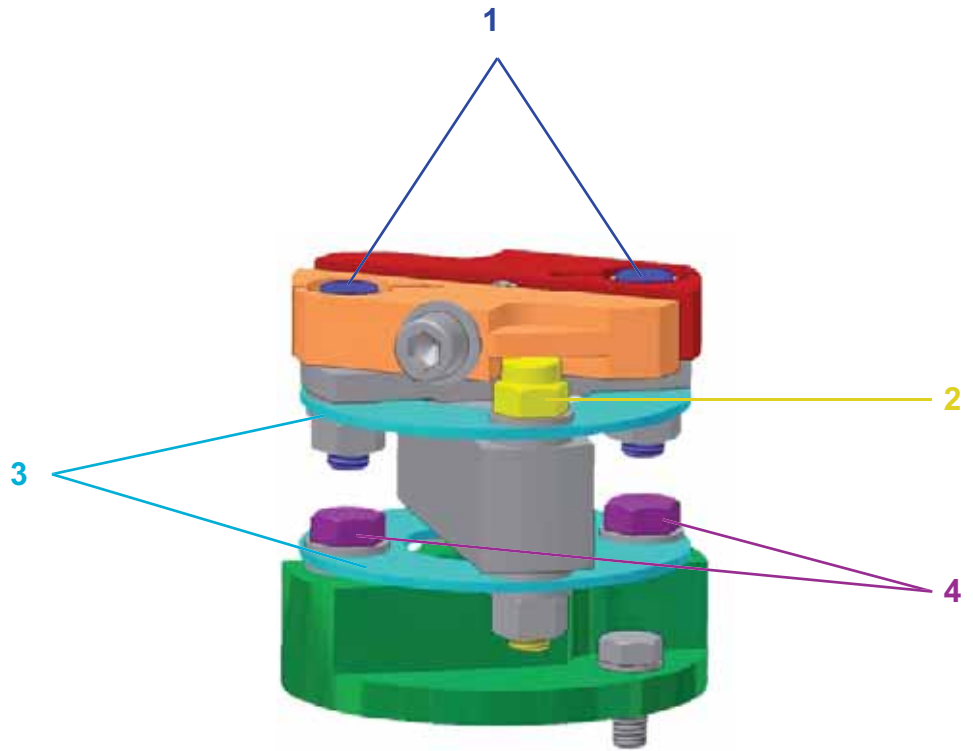


ISO 4008/1 anti-backlash coupling
Ø mm 115 - M12 holes

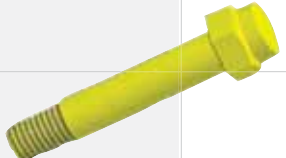
9873-R

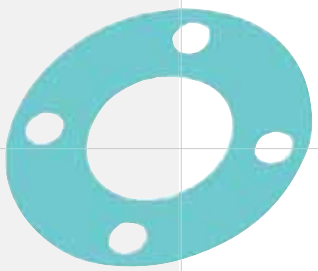
BH 1 686 401 026
BH 1 686 401 027

Spare parts




1  **9873-303**
Vice screw

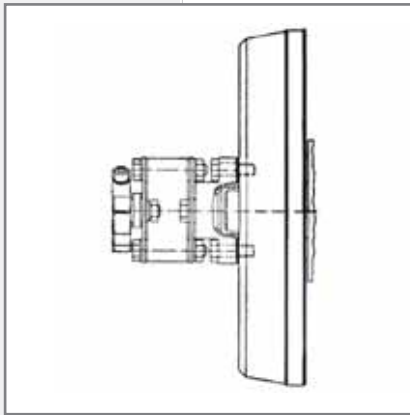
2  **9873-304**
Body screw

3  **9873-305**
Intermediate disk

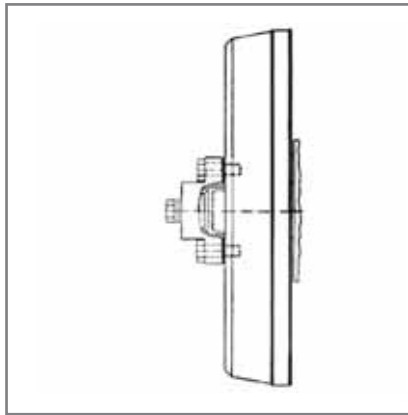
4  **9873-309**
Screw for back plate

 **9873-I**
Cushioned motoring couple 4008/1 ISO normative
for Bosch test beds without back plate

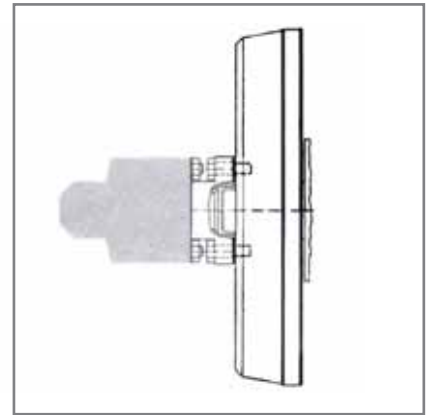
Mounting cardan lamellar motoring joint



1 - Cardan motoring hub on the bench (9873)



2 - Disassembly of a part of the cardan motoring hub on the bench (9873)



3 - Mount joint \varnothing 40 (9809-H) or \varnothing 35 (9809-HC)



Cardan lamellar coupling BOSCH
H pumps

9809-H

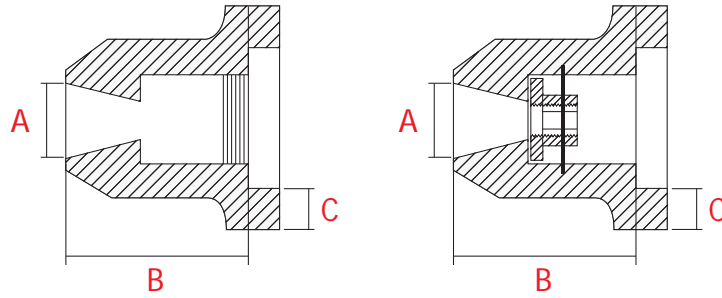
BH 1 685 702 075
BH 1 685 702 076
BH 1 686 401 024



Cardan lamellar coupling for BOSCH
P7100, P7800, R, H pumps





9809-HC

BH 1 685 702 073
BH 1 685 702 074
BH 1 686 401 024



Conical driving couplings

CODE	A	B	C	PULLER	NOTES
 9576	17	33	10	-	
 9473	17	60	10	 9463 BH 1 986 611 240 KDEP 2916	
 9577	17	90	10	 9463 BH 1 986 611 240 KDEP 2916	
 9747 BH 1 686 432 022	19 toothed	85	-	-	Pumps mounted on MERCEDES 190-250-D  9405 KDEP 1545 BH 0 986 612 056 clamp to block 9747 on test bench
 9578-B BH 1 686 430 024	20	58	12	incorporated (nut 14x1,5)	
 9578-A BH 1 686 430 010	20	50	10	-	BOSCH EP/VE pumps FORD TRANSIT (Splines 2 mm)

CODE	A	B	C	PULLER	NOTES
 9460	20	60	10	 9463 BH 1 986 611 240 KDEP 2916	
 9578	20	90	10	 9463 BH 1 986 611 240 KDEP 2916	
 9867	22	60	10	 9463 BH 1 986 611 240 KDEP 2916	6 cylinders SIMMS pumps
 9462-B BH 1 686 430 026 BH 1 686 430 030	25	58	12	incorporated (nut 18x1,5)	BOSCH P in-line pumps
 9461	25	60	10	 9463 BH 1 986 611 240 KDEP 2916	BOSCH P pumps
 9462	25	90	10	 9463 BH 1 986 611 240 KDEP 2916	BOSCH P pumps
 9462-A Ø 65	25	110	12	 9463 BH 1 986 611 240 KDEP 2916	Stiffened external Ø 65 mm BOSCH P pumps

CODE	A	B	C	PULLER	NOTES
14  9685-C <i>BH 1 686 430 032</i>	30	58	12	incorporated (nut 20x1,5)	<i>BOSCH P 7100-P7800 pumps</i>
15  9685-A <i>BH 1 686 430 034</i>	30	85	12	 9463 <i>BH 1 986 611 240</i> <i>KDEP 2916</i> <small>45x1,5</small>	<i>BOSCH P 7100-P7800 pumps</i>
16  9809-BC <i>BH 1 686 430 038</i>	35	58	12	incorporated (nut 24x1,5)	<i>Cone depth mm 30 BOSCH P 7100-P7800 and P8500 pumps</i>
17  9809-BL <i>BH 1 686 430 040</i>	35	85	12	incorporated (nut 24x1,5)	<i>Cone depth mm 40 BOSCH P 7100-P7800 and P8500 pumps</i>
18  9809-HC <i>BH 1 685 702 073</i> <i>BH 1 685 702 074</i> <i>BH 1 686 401 024</i>	35			-	<i>Cardan lamellar coupling for BOSCH P7100, P7800, R, H pumps</i>
19  9809-H <i>BH 1 685 702 075</i> <i>BH 1 685 702 076</i> <i>BH 1 686 401 024</i>	40			-	<i>Cardan lamellar coupling BOSCH H pumps</i>
20  9809-HS	40	94	12	-	<i>With 2 nuts</i>















Toothed driving couplings

CODE	 	TEETH No.	WRENCH	PULLER	NOTES
1  9408	17	12+1	-	-	CAV-DPA pumps
2  9747 BH 1 686 432 022	19 conical	10	-	-	Pumps mounted on MERCEDES 190-250-D  9405 KDEP 1545 BH 0 986 612 056 clamp to block 9747 on test bench
3  9151	26	31	 9036	-	FIAT
4  9255	28	15	-	-	LOMBARDINI
5  9854	28,5	6	-	-	TOYOTA
6  9862	29	37	 9863	-	IVECO 90-110



CODE	 	TEETH No.	WRENCH	PULLER	NOTES
 9150	32,5	42	 9030	-	FIAT TIGROTTO
 9153	33	68	 9037	-	MERCEDES 220 D
 9155	33	65	 9043	 9455	OPEL
 9154	34,5	25+1	 9038	-	BOSCH / CAV PEUGEOT D FIAT
 9884	35,2	45	-	-	FIAT THEMA - CROMA
 9350	39	50	 9349	 9894	SOFIM 132
 9409	39,5	24	-	-	CAV pumps on PERKINS



CODE		 	TEETH No.	WRENCH	PULLER	NOTES
14	 8023	44	58	-	 8024	<i>MERCEDES SPRINTER</i>
15	 9809-C	45	37	 9809-D	 9809-E	<i>IVECO EUROTEC</i>
16	 8090	50	22+1	 8091	 8092	<i>IVECO EURO CARGO 150E 23 - 120E 23 MW</i>
17	 9868-A	74,2	41	-	 9868-B	<i>IVECO 180.26</i>



9875-W

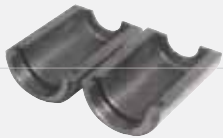
Set of pullers for pump gears supplied in an elegant wooden case for IVECO, FIAT, MERCEDES, PEUGEOT, OPEL



9894

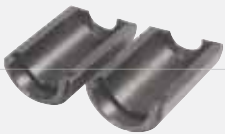
Puller for Ø 38-39 pump gears
 BOSCH MW, P mounted on IVECO 180.24,
 FIAT DUCATO component part numbers:

- 9875-E** Body
- 9875-C** Pair of half shells for 9894 - gear Ø 38-39
- 9875-D** Slide bush



9875-A

Pair of half shells for 9894 gear Ø 28



9875-B

Pair of half shells for 9894 gear Ø 33



9809-E

Complete puller for Ø 45 pump gears



9868-B



Complete puller for Ø 74,2 pump gears


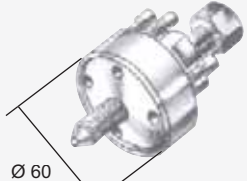


9875-W	9875
○	○
○	○
○	○
○	○
○	○

Driving couplings for hubs



CODE	APPLICATION	PULLER	NOTES
 9998-A	LUCAS DPC and BOSCH VE pumps mounted on VW POLO 1900, GOLF TD	 9998	3 holes
 9865	CAV-DPS pumps mounted on FORD YORK, TRANSIT	 9866	3 holes
 9868	BOSCH P pumps 6 cyl. mounted on IVECO TURBOSTAR 190.36	 9869	Ø 100 holes Ø 11
 9645 <i>KDEP 1033</i>	BOSCH P pumps mounted on MERCEDES, MAN ecc..	incorporated	PULLER COUPLING Tooth mm 12
 9803 <i>KDEP 1557</i> <i>BH 0 986 612 079</i>	BOSCH P7100 - P7800 pumps mounted on IVECO TURBOSTAR MERCEDES 19.44	incorporated	PULLER COUPLING Tooth mm 12
 9343	SIMMS e BOSCH PES...P pumps mounted on FORD YORK e TRANSIT	-	4 holes - old type

CODE	APPLICATION	PULLER	NOTES
 9865-A	<i>VE PUMPS on FORD TRANSIT ORION</i>	 9866-A	<i>4 holes</i>
 9420	<i>Pumps mounted on FIAT 170</i>	 9874	<i>Ø 170</i>
 9464	<i>BOSCH P pumps mounted on SCANIA 141</i>	-	<i>Ø 110 holes Ø 13</i>
 9026	<i>Pumps mounted on FIAT 697</i>	-	<i>Ø 93 4 holes Ø 10 2 holes Ø 11</i>
 9429	<i>BOSCH PES...P pumps mounted on JOHN DEER</i>	incorporated	PULLER COUPLING <i>3 holes adapter to be used with 9026</i>
 9430	<i>BOSCH PES...P pumps mounted on JOHN DEER</i>	incorporated	PULLER COUPLING <i>4 holes adapter to be used with 9026</i>
 9401	<i>Pumps mounted on FIAT 690</i>	-	<i>Ø 90 holes Ø 8</i>

CODE	APPLICATION	PULLER	NOTES
14  9457	<i>CAV pumps mounted on FIAT 242 etc..</i>	 Ø 60 9459	Ø 60 4 holes
15  9684	<i>CAV pumps mounted on PERKINS</i>	-	Ø 60 3 holes
16  9419	-	-	-

Keyed driving couplings



8151

Motoring coupling for
common rail pumps
Key: width 8 mm
Tooth: 12 mm
MERCEDES



8152

Motoring coupling for
common rail pumps
Key width: 9 mm
Tooth: 12 mm
FIAT



8152-10

Motoring coupling for
common rail pumps
Key width: 10 mm
Tooth: 12 mm
FORD



9482

Motoring coupling for
CATERPILLAR 955-K (Ø 35 mm)
Key width: 13 mm
Key height: 12 mm
Tooth: 10 mm
CATERPILLAR

MARBED BOOK 2011

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www.marbed.com

MARBED Srl - Piazza Novelli, 4 - 20129 Milano - Italy

Tel. +39 02.71.49.84 - Fax +39 02.70.10.26.67

e-mail info@marbed.com