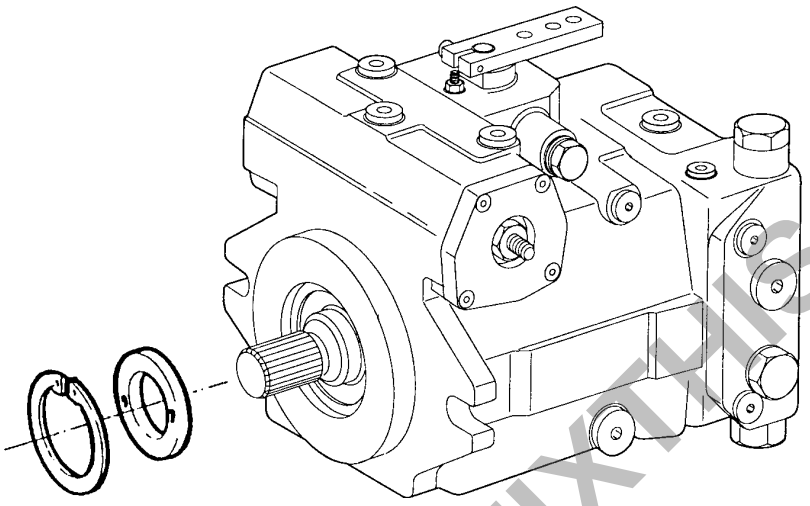
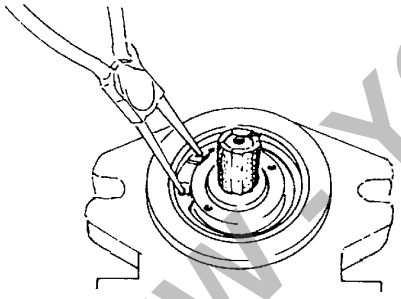
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Triebwelle abdichten
Sealing of the drive shaft

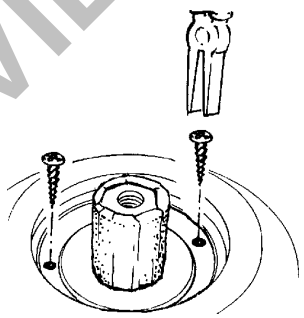
Reparaturanleitung A10VG
Repair Instructions A10VG





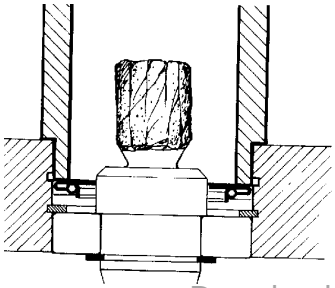
Triebwelle abkleben.
Sicherungsring ausbauen.

Protect the drive shaft (e.g. masking tape).
Remove the retaining ring.



Blechschraube in die mit Gummi gefüllten Löcher eindrehen.
Mit Zange WDR herausziehen.

Screw the metal screws into the holes that are fitted with rubber.
Withdraw the shaft seal using pliers.



Wellendichtring mit Buchse auf Anschlag einpressen.

Press-in the shaft seal with a bush untilth end stop is reached.

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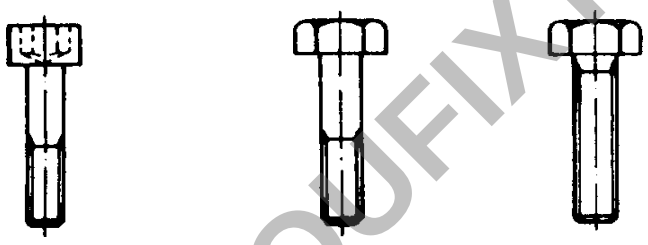
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1. Schaftschrauben (nach N 08.001)

Die Werte gelten für Schaftschrauben mit metrischem ISO-Gewinde nach DIN 13 Teil 13, sowie Kopfauflagemaßen nach DIN 912 Zylinderschrauben, DIN 931 Sechskantschrauben mit Schaft bzw. DIN 933 Sechskantschrauben mit Gewinde bis Kopf.

1. Bolts (to N 08.001)

The values stated are valid for bolts with metric ISO threads to DIN 13 part 13, as well as head areas to DIN 912 socked head cap screws, DIN 931 hexagon bolt or DIN 933 hexagon bolts with threads up to the head.



Gewinde / Thread	Festigkeitsklassen / Tensile strength class		
	8.8	10.9	12.9
	Anziehdrehmoment / Tightening torque M_A in Nm		
M 3	1,1	1,6	1,9
M 4	3,1	4,5	5,3
M 5	6,1	8,9	10,4
M 6	10,4	15,5	18
M 8	25	37	43
M 10	51	75	87
M 12	87	130	150
M 14	140	205	240
M 16	215	310	370
M 18	300	430	510
M 20	430	620	720
M 22	580	830	970
M 24	740	1060	1240

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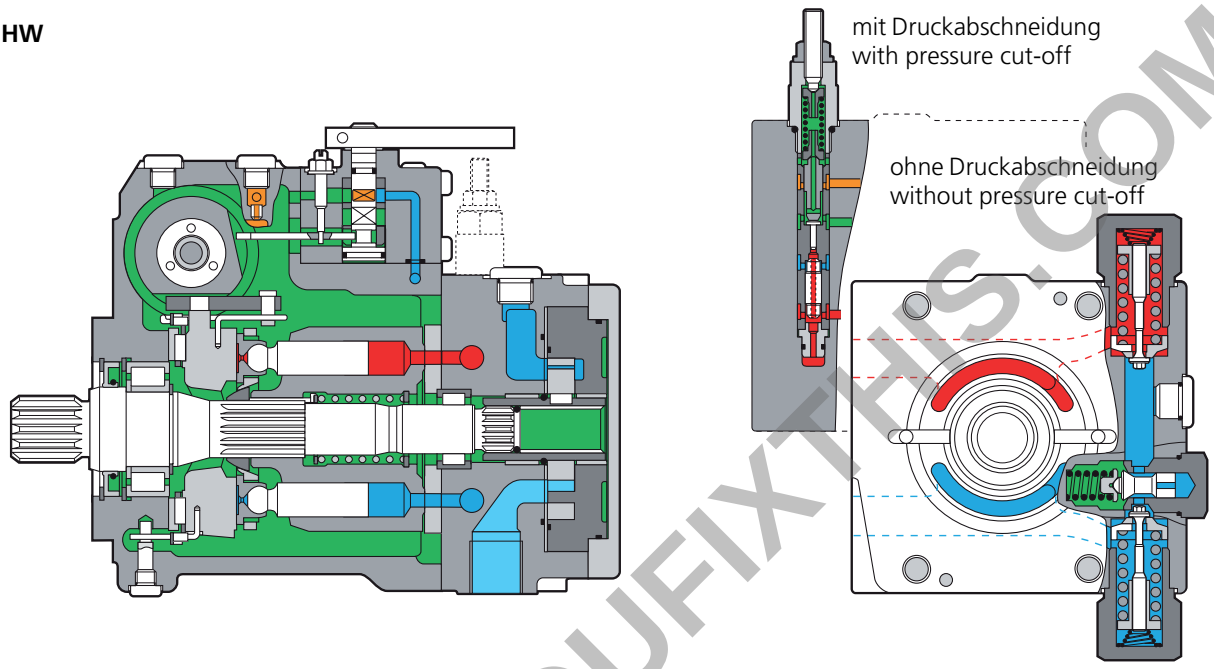
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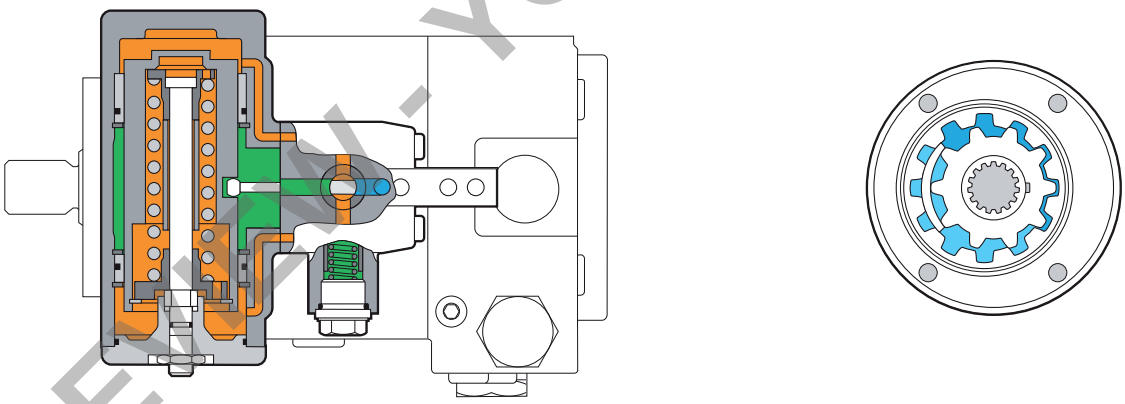
RDE 92750-01-R/10.01

Schnittbild
Sectional view

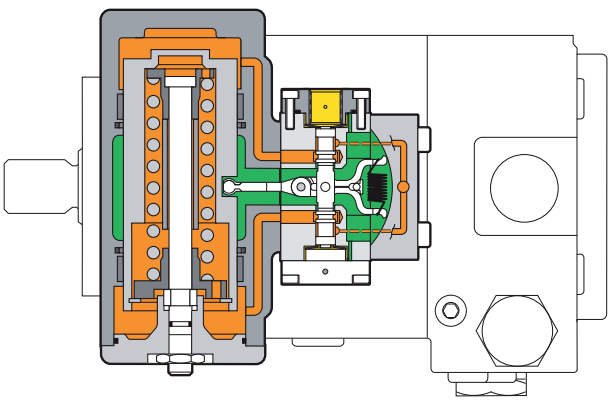
Reparaturanleitung A10VG
Repair Instructions A10VG

HW

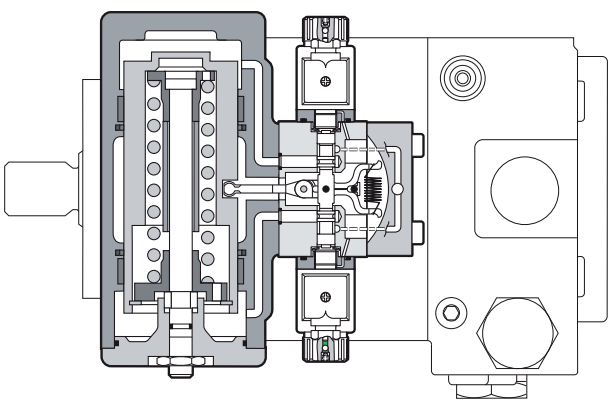




HDD



EPD



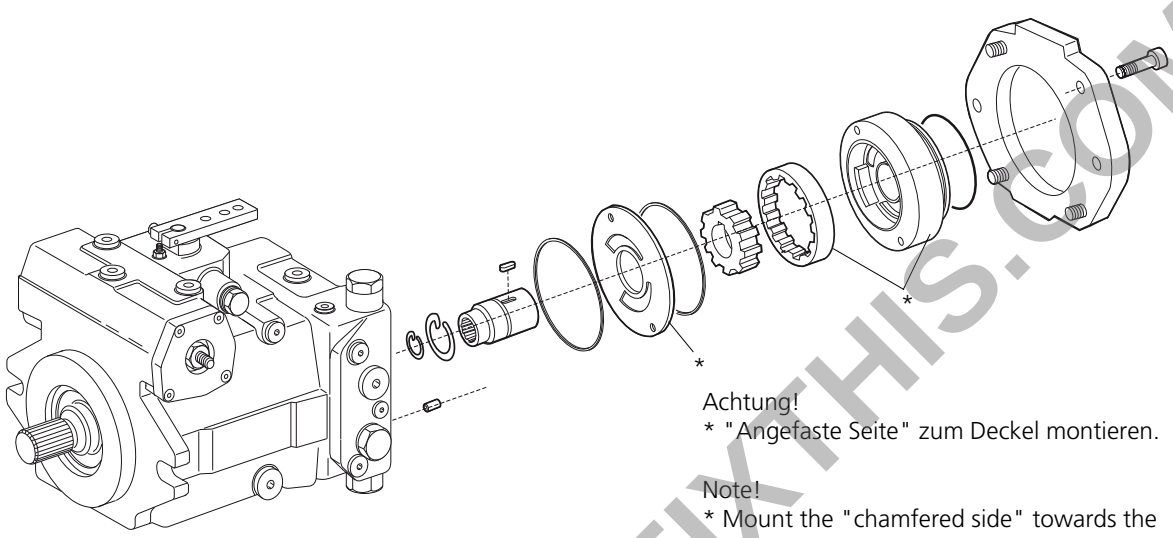
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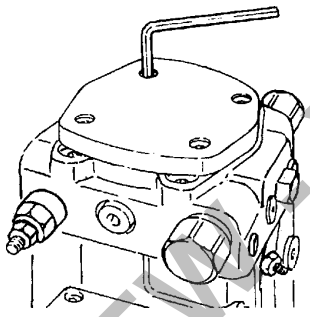
Hilfspumpe abdichten
Sealing of the boost pump

Reparaturanleitung A10VG
Repair Instructions A10VG



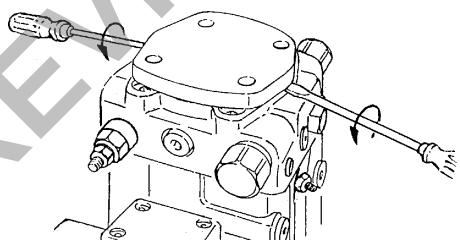
Achtung!
* "Angefaste Seite" zum Deckel montieren.

Note!
* Mount the "chamfered side" towards the cover.



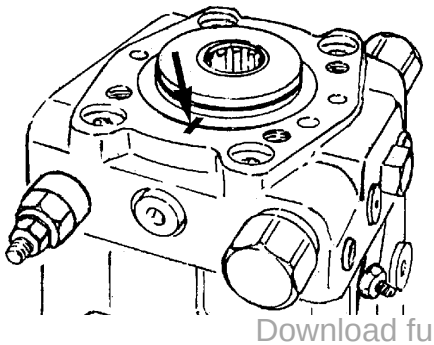
Befestigungsschrauben ausbauen.

Remove fixing screws.



Deckel abdrücken.

Pry-off cover.



Einbaulage kennzeichnen.

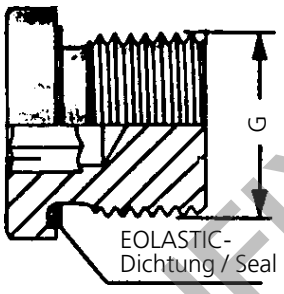
Mark position.

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2. Verschlußschrauben mit Innensechskant und Profildichtring (nach N 02.009).

2. Plugs with internal hexagon and profile seal ring (to N 02.009).



Gewinde / Thread	Anziehdrehmoment / Tightening torque M_A in Nm	Gewinde / Thread	Anziehdrehmoment Tightening torque M_A in Nm
M8 x 1	5	G 1/8 A	10
M10 x 1	10	G 1/4 A	30
M12 x 1,5	20	G 3/8 A	35
M14 x 1,5	30	G 1/2 A	60
M16 x 1,5	35	G 3/4 A	90
M18 x 1,5	40	G 1 A	140
M20 x 1,5	50	G 1 1/4 A	240
M22 x 1,5	60	G 1 1/2 A	300
M26 x 1,5	70		
M27 x 2	90		
M30 x 1,5	100		
M33 x 2	140		
M42 x 2	240		
M48 x 2	300		

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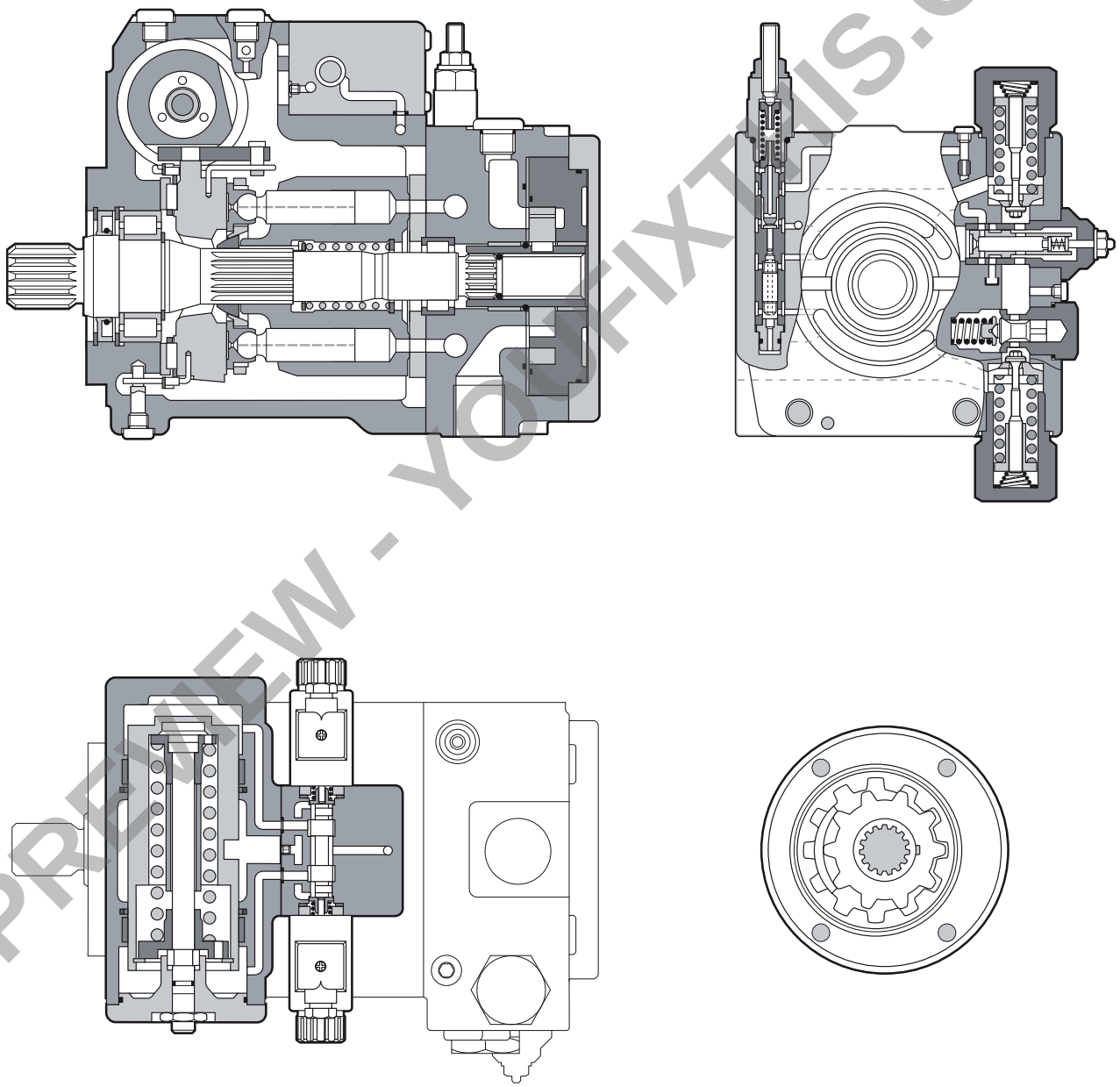
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Schnittbild
Sectional view

Reparaturanleitung A10VG
Repair Instructions A10VG

DA



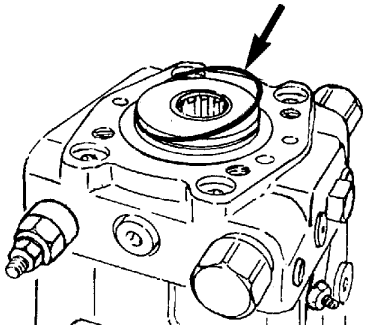
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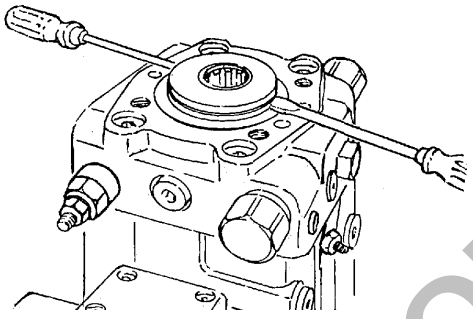
Hilfspumpe abdichten
Sealing of the boost pump

Reparaturanleitung A10VG
Repair Instructions A10VG



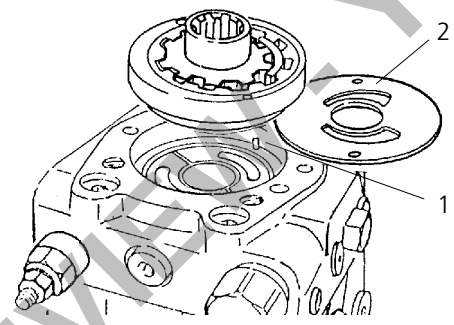
O-Ring ausbauen.

Remove O-ring.



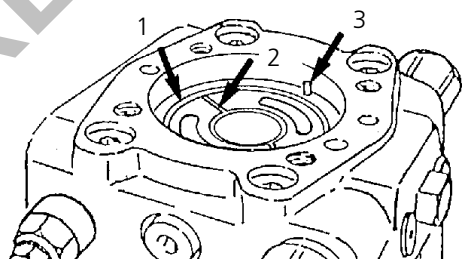
Hilfspumpe abdrücken.

Pry off the boost pump.



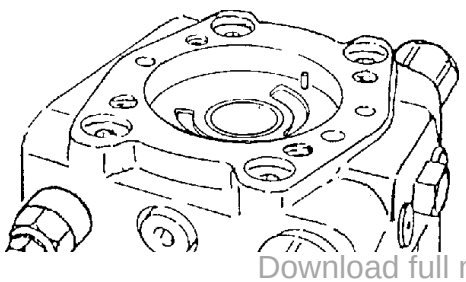
1. Verschleißplatte
2. Fixierstift

1. Wear plate
2. Locating pin



1. Kantsil-Ring
2. Entlastungsnut
3. Fixierstift

1. Kantsil-ring
2. Unloading channel
3. Locating pin



Verschleißplatte einsetzen.
Drehrichtung beachten!

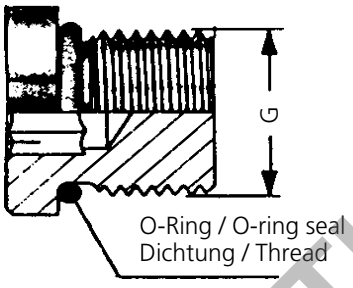
Fit wear plate taking the direction of rotation account.

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5. Verschlußschrauben mit Innensechskant, O-Ring und UNF-, UN-Gewinde nach SAE J 514 (nach N 02.106)

5. Plugs with internal hexagon, O-ring and UNF-, UN- threads to SAE J 514 (nach N 02.106)

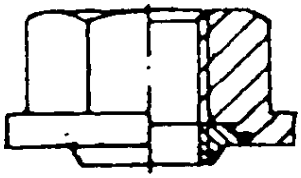


Gewinde / Thread	Anziehdrehmoment M_A in Nm Tightening torque M_A in Nm	Gewinde / Thread	Anziehdrehmoment M_A in Nm Tightening torque M_A in Nm
7/16 - 20 UNF	15	M12 x 1,5	20
1/2 - 20 UNF	20	M14 x 1,5	30
9/16 - 18 UNF	25	M27 x 1,5	90
3/4 - 16 UNF	72		
7/8 - 14 UN	127		
1 1/16 - 12 UN	147		
1 3/16 - 12 UN	173		
1 5/16 - 12 UN	198		
1 5/8 - 12 UN	320		
1 7/8 - 12 UN	390		

6. SEAL-LOCK-Dichtmuttern (nach N 02.100)

6. SEAL-LOCK - sealing nuts (to N 02.100)

Gewinde / Thread	Anziehdrehmoment M_A in Nm Tightening torque M_A in Nm
M6	10
M6 x 0,5	11
M8	22
M8 x 1	24
M10	40
M10 x 1	44
M12	69
M12 x 1,5	72
M14	110
M14 x 1,5	120
M16	170
M16 x 1,5	180



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