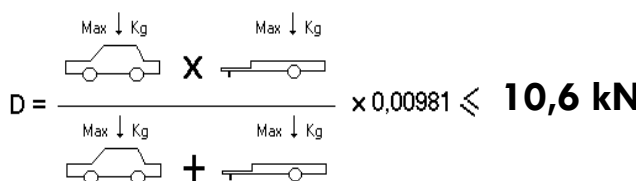


ISTRUZIONI DI MONTAGGIO

FITTING INSTRUCTIONS
INSTRUCTIONS DE MONTAGE
MONTAGEANLEITUNG
INSTRUCCIONES DE MONTAJE

DISPOSITIVO DI TRAINO TIPO TOWING BRACKET TYPE DISPOSITIF DE REMORQUAGE TYPE ANHAENGEVORRICHTUNG TYP DISPOSITIVO DE CAREO TIPO	28053/VM
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PER AUTOVEICOLI FOR CARS POUR AUTOS FÜR KRAFTFAHRZEUGE PARA AUTOVEHICULO	OPEL ASTRA 5 doors GTC COUPE' 3 doors	
TYPE	A-H , A-H/C , GMIH	2004 →
CLASSE E TIPO DI ATTACCO CLASS AND HITCH TYPE CLASSE ET TYPE DE CROCHET KLASSE UND BEFESTIGUNGSART CLASES DE ACOPLAMIENTO	OMOLOGAZIONE HOMOLOGATION HOMOLOGATION ZULASSUNG APROBACION	CARICO VERTICALE MAX S VALUE MASSE VERTICALE MAXIMUM ZUL. STUETZLAST CARGA MAX. VERTICAL
F	e3 00 – 7197 (DIR. 94/20/CE)	S = kg 95
VALORE D D VALUE VALEUR D D WERT VALOR D	D = 10,6 kN	 $D = \frac{\text{Car chassis weight} - \text{Hitch weight}}{\text{Car chassis weight} + \text{Hitch weight}} \times 0,00981 \leq 10,6 \text{ kN}$

COPPIA DI SERRAGGIO PER VITI (8.8): TORQUE SETTINGS FOR NUTS AND BOLTS (8.8): COUPLE DE SERRAGE POUR VIS (8.8): SCHRAUBENANZUGSMOMENT (8.8): MOM. DE PRESION PARA TORNILLOS Y TUERCAS (8.8):	M6 = 10 Nm M10 = 55 Nm M14 = 135 Nm	M8 = 25 Nm M12 = 85 Nm M16 = 200 Nm
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SAFETY INSTRUCTIONS

- ✓ Make sure that the towbar is suitable for the vehicle before starting the installation.
- ✓ For safety, all work involving towbar installation (incl. electrical components) must be undertaken by skilled technicians.
- ✓ Damaged components must be replaced with manufacturer's spares and fitted by qualified staff.
- ✓ It is forbidden to make any modification or structural repair to towing assembly.
- ✓ The towball must be kept clean and lubricated. For added safety, its diameter (50 mm) must be checked at regular intervals. If the towball measures less than 49 mm after selected readings across the diameter, the towball must be replaced with a new one.
- ✓ After 1000 km of towing, check torque settings for nuts and bolts, in accordance with the table.

FITTING INSTRUCTIONS

28053/VM OPEL ASTRA GTC

Remove any mastic from contact points then paint with anti-rust paint. The necessary holes are already existing.

- 1 Remove bumper, spare wheel and the heat shield protection from the exhaust.
- 2 Insert from under the vehicle the caged nuts 03 and 04 through the holes that are on the inner face of the chassis rails.
- 3 Locate the two side arms A leaning them to the inner sides of the chassis members referring to the caged nuts already installed and fit interposing the spacers in position 04.
- 4 Locate cross bar B and fix it to side arms A using bolts and nuts 05.
- 5 Tighten all bolts and nuts as per torque settings.
- 6 Connect the wirings to the socket as per torque settings.
- 7 Cut the central lower part of bumper before re-fitting it (see sketch) to allow the passage of the ball support.
- 8 Re-fit the heat shield and the spare wheel

ITEM 28053/VM – OPEL ASTRA '04

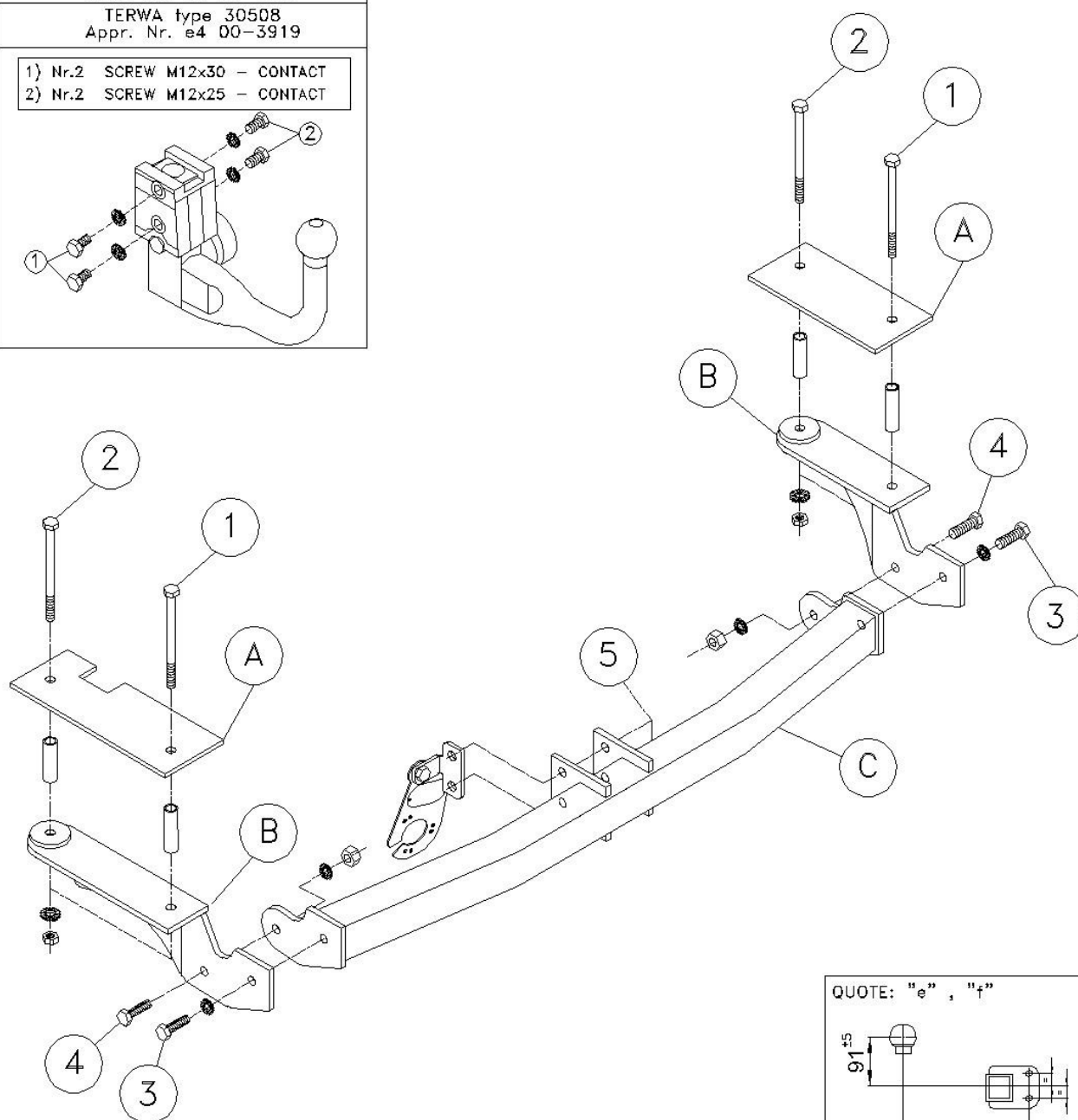
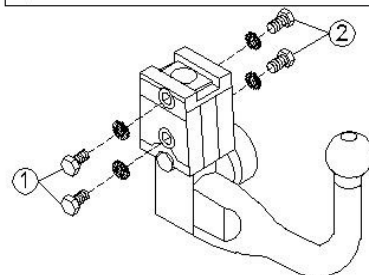
- 1) Nr. 2 / SCREW M10x95 – NUT – CONTACT – SPACER $\varnothing 17 \times 2$ L. 61
- 2) Nr. 2 / SCREW M10x95 – NUT – CONTACT – SPACER $\varnothing 17 \times 2$ L. 56 – WASHER $\varnothing 50 \times 6$
- 3) Nr. 2 / SCREW M10x35 – CONTACT
- 4) Nr. 2 / SCREW M10x35 – NUT – CONTACT
- 5) BOLTS AND NUTS M12 – SPACERS AS REQUIRED

ACS type 3002
Appr. Nr. e4 00-2164
Appr. Nr. e4 00-2608
Appr. Nr. e4 00-2932

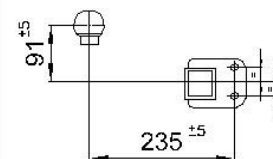
ACS type 6002
Appr. Nr. e4 00-3953

TERWA type 30508
Appr. Nr. e4 00-3919

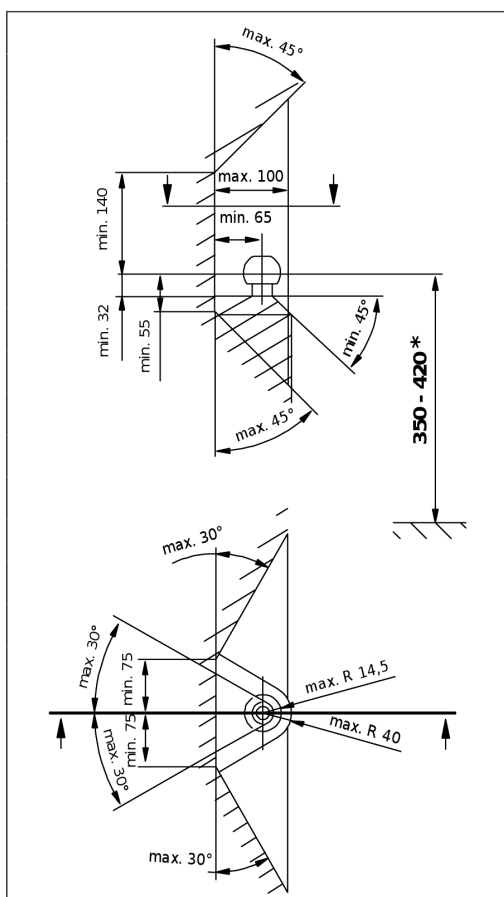
- 1) Nr.2 SCREW M12x30 – CONTACT
- 2) Nr.2 SCREW M12x25 – CONTACT



QUOTE: "e", "f"



- D** Der Freiraum nach Anhang VII, Abbildung 30 der Richtlinie 94/20/EG ist zu gewährleisten.
- CZ** Volný prostor ve smyslu Přílohy VII, obr. 30 Směrnice č. 94/20/EG musí být zaručen.
- DK** Frirommet skal overholdes iht. bilag VII, fig. 30 i direktiv 94/20/EF.
- E** Debe garantizarse el espacio libre, conforme al anexo VII, imagen 30 de la directiva comunitaria 94/20/CE.
- F** L'espace libre doit être garanti conformément à l'annexe VII, illustration 30 de la directive 94/20/CE.
- FIN** Liitteen VII, direktiivin 94/20/EY kuvan 30 mukainen vapaatila on taattava.
- GB** The clearance specified in appendix VII, diagram 30 of guideline 94/20/EC must be guaranteed.
- GR** Πρέπει να εξασφαλίζεται ο ελεύθερος χώρος σύμφωνα με το Παράρτημα VII, εικόνα 30 της Οδηγίας 94/20/EK.
- I** Deve essere garantito lo spazio libero secondo l'allegato VII, figura 30 della direttiva 94/20/CE.
- N** Frirommet etter tillegg VII, figur 30 i direktiv 94/20/EØF skal overholdes.
- NL** De tussenruimte volgens aanhangsel VII, afbeelding 30 van de richtlijn 94/20/EG moet in acht worden genomen.
- PL** Zagwarantować swobodną przestrzeń zgodnie z załącznikiem VII, rysunek 30 dyrektywy 94/20/CE.
- S** Glappet enligt bilaga VII, bild 30 i direktiv 94/20/EG ska garanteras.



- D** * bei zulässigem Gesamtgewicht des Fahrzeuges
- CZ** * při celkové přípustné hmotnosti vozidla
- DK** * ved tilladt totalvægt for køretøjet
- E** * con peso total autorizado del vehículo
- F** * pour poids total en charge autorisé du véhicule
- FIN** * Ajoneuvon suurimmalla sallitulla kokonaispainolla
- GB** * at gross vehicle weight rating
- GR** * για το επιτρεπτό μικτό βάρος του οχήματος
- I** * per il peso complessivo ammesso del veicolo
- N** * ved kjøretøyetts tillatte totalvekt
- NL** * bij toegestaan totaal gewicht van het voertuig
- PL** * przy dopuszczalnym ciężarze całkowitym pojazdu
- S** * vid fordonets tillåtna totalvikt