

```
create table producer (  
  id integer not null primary key GENERATED ALWAYS AS IDENTITY  
    (START WITH 1, INCREMENT BY 1),  
  class char(2) check (class in ('A1', 'B2', 'C3', 'D4'))  
);
```

```
create table tools (  
  id integer not null primary key,  
  name varchar(2) not null default "",  
  link integer,  
  constraint FK foreign key (link) references producer  
);
```

```
alter table tools  
  drop foreign key FK  
;
```

```
alter table tools  
  add constraint FK_NEU foreign key (link) references producer on delete set null  
;
```