

## ▶ System Electric Hands and accessories

### Transcarpal Hand DMC plus

Art. no. 8E44=6

Its lamination plate makes it suitable for residual limb lengths from wrist disarticulation to transcarpal levels. Without hand rotation, i.e. active pronation and supination are essential (fine adjustment of the basic position is possible, however, after the socket has been completed). DMC plus control features a DMC and DMC plus control mode. In DMC plus control mode, a higher signal is required to open the hand after grasping once with maximum gripping force. This reduces the risk of opening the hand with unintended muscle signals. The desired control option is selected with the integrated function plug (article no. 13E185). In the DMC plus system, two independent measurement and control systems proportionally control the speed as well as the gripping force. The DMC plus Transcarpal Hand can be operated with the MyoEnergy Integral (article no. 757B35=\*) or the EnergyPack (article no. 757B20/757B21). It features a centrally guided flat cable, automatic shut-off electronics with integrated on-off switch, low-friction bevel gear, positive back lock and system inner hand. An integrated slip clutch makes opening possible in case of emergency.

Art. no.	Side	Size	Inner hand	User
8E44=6-L7¼	Left (L)	7¼	8X24=L7¼	Women, adolescents
8E44=6-L7¾	Left (L)	7¾	8X24=L7¾	Men
8E44=6-L8¼	Left (L)	8¼	8X24=L8¼	Men
8E44=6-R7¼	Right (R)	7¼	8X24=R7¼	Women, adolescents, men
8E44=6-R7¾	Right (R)	7¾	8X24=R7¾	Men
8E44=6-R8¼	Right (R)	8¼	8X24=R8¼	Men

#### Technical data

Operating voltage	6 / 7.2 V
Operating temperature	0 to +70°C
Opening width	100 mm
Proportional gripping force	0–90 N
Proportional speed	15–160 mm/sec
Weight (incl. system inner hand)	308 g

- ▶ The electrodes must be adjusted with the MyoBoy (article no. 757M11)!
- ▶ For compatible prosthetic gloves, see pages 56–60.



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