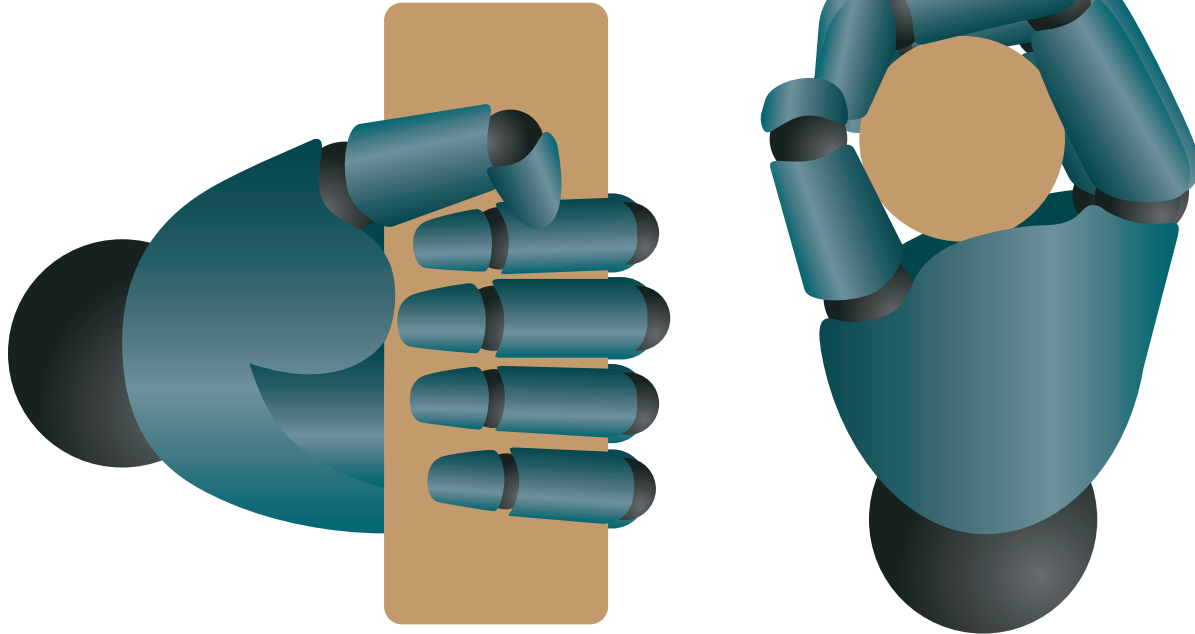


5



Get a (good) grip

- High force work: power grip (full hand). Low force, precision work: pinch grip.
- Choose a tool and grip that puts your wrist in a strong, natural position.
- Choosing tools: good shape for the task, fits your hand, edges don't dig in.
- Power tools with low vibration and no kickback are best.



For more info visit:
msdprevention.com

© 2019 CRE-MSD. CRE-MSD receives funding through a grant provided by the Ontario Ministry of Labour. The views expressed are those of the authors and do not necessarily reflect those of the Province of Ontario.



Centre of Research
Expertise for the
Prevention of
Musculoskeletal Disorders

**Work
shouldn't
hurt**

Get a (good) grip

Ideas for healthy hands

Use these ideas to improve every task at work and at home.

- Control repeated pinching tasks that can cause muscle fatigue and wrist disorders, especially if the pinch grip must be forceful.
- Arrange your work so your wrists are in a strong, natural position when performing gripping tasks or using tools.
- Choose a tool that matches the task. Bend the handle, not the wrist.
- Replace or modify tools that don't fit your hand, are slippery, vibrate, or dig into your hand.
- If the task requires one hand to hold an object for the other to work on it, use a tool or clamp to secure it, freeing your other hand.
- Repair or replace tools that have strong vibration or kickback.
- Changing activities and rests built into the job allow the body to recover: See MSD Tip #6.

Did you know?

- Power grips using the whole hand are five times stronger than pinch grips which use only the fingers.
- Pinch grips work well for precision work, but fatigue very quickly during forceful tasks. Regular forceful pinch grips are the strongest predictor of hand and arm disorders.
- Working with your wrists in a strong, natural position reduces loading and fatigue in both the hands and wrists.
- A grip size that is too big or small for your hands increases the effort required to the task and increases fatigue.

Improve your workplace

- Ask yourself and others, "Why are the workspace and tools not right for the job?" until you get to the bottom of the problem.

What are we going to do today to keep our hands healthy while gripping?

1

2

3

Whatever changes you make, check that you are not creating any new problems.