

## Pullers

### 11050 Standard pullers

- **two-armed**, with sliding permanently parallel extractor hooks, zinc plated
- for extracting gearwheels, ball bearings, pulleys and similar parts from shafts or axles
- for removing ball bearings, bearing outer races and bushes from holes
- hooks can be used as internal or external hooks



Code	size	Clamp. width mm	Clamp. depth mm	Max. loading in t	Max. torque in N·m	⚖ g	
<b>71130011</b>	<b>1</b>	25-80	100	4.5	80	999	1
<b>71130012</b>	<b>2</b>	25-130	100	4.5	80	1103	1
<b>71130013</b>	<b>3</b>	50-160	150	6.5	150	2754	1
<b>71130014</b>	<b>4</b>	60-200	150	6.5	150	3085	1
<b>71130015</b>	<b>5</b>	80-250	200	11.0	320	7000	1
<b>71130016</b>	<b>6</b>	80-350	200	11.0	320	8400	1

### H 11050 Arms for pullers No 11050/11051

- 1 piece

Code	size	for puller No	⚖ g	
<b>79130011</b>	<b>1</b>	11050-1, -2 11051-1, -2	238	1
<b>79130012</b>	<b>3</b>	11050-3, -4 11051-3, -4	602	1
<b>79130013</b>	<b>5</b>	11050-5, -6	1596	1

### 11053 Standard pullers

- **two-armed**, with swivelling extractor hooks for larger reaches, zinc plated
- for extracting gearwheels, ball bearings, pulleys and similar parts from shafts or axles
- hooks can be used as internal or external hooks
- for internal extraction, simply turn the hooks and spindle round
- the large leverage effect ensures a firm grip on the part to be extracted, whether internal or external



Code	size	Clamp. width mm	Clamp. depth mm	Max. loading in t	Max. torque in N·m	⚖ g	
<b>71150211</b>	<b>1</b>	50-300	270	6.0	120	4330	1
<b>71150212</b>	<b>2</b>	50-400	400	6.0	120	6000	1

### 11051 Standard pullers

- **three-armed**, with sliding permanently parallel extractor hooks, zinc plated
- for extracting gearwheels, ball bearings, pulleys, fan wheels and similar parts from shafts or axles
- for removing ball bearings, bearing outer races and bushes from holes
- hooks can be used as internal or external hooks



Code	size	Clamp. width mm	Clamp. depth mm	Max. loading in t	Max. torque in N·m	⚖ g	
<b>71080011</b>	<b>1</b>	25-80	100	5.5	55	1280	1
<b>71080012</b>	<b>2</b>	25-120	100	5.5	55	1422	1
<b>71080013</b>	<b>3</b>	25-160	150	7.0	70	3507	1
<b>71080014</b>	<b>4</b>	25-200	150	7.0	70	3690	1

### 11054 Pullers

- **three-armed**, with swivelling extractor hooks for larger reaches, zinc plated
- for extracting gearwheels, ball bearings, pulleys and similar parts from shafts or axles
- hooks can be used as internal or external hooks
- for internal extraction, simply turn the hooks and spindle round
- the efficient leverage effect forces the hooks firmly onto the part to be extracted



Code	size	Clamp. width mm	Clamp. depth mm	Max. loading in t	Max. torque in N·m	⚖ g	
<b>71150311</b>	<b>1</b>	50-300	270	12.0	220	4990	1
<b>71150312</b>	<b>2</b>	50-400	400	12.0	220	8000	1

### 11056 Set: Pullers

- consisting of the most common two- and three-armed pullers with two- and three-armed, sliding, parallel extractor hooks
- for extracting gearwheels, ball bearings, pulleys and similar parts from shafts or axles
- hooks can be used as internal or external hooks
- the efficient leverage effect forces the hooks firmly onto the part to be extracted



Code	Clamp. width mm	Clamp. depth mm	⚖ g	
<b>96711311</b>	120	100/200/250	7000	1