

DIN ISO 10071-1:2010-11 (E)

Tools for pressing - Ball-lock punches - Part 1: Ball-lock punches for light duty (ISO 10071-1:2008)

| Contents | | Page |
|--|--|-------------|
| National foreword | | 3 |
| National Annex NA (informative) Bibliography | | 4 |
| 1 Scope | | 5 |
| 2 Normative references | | 5 |
| 3 Terms and definitions | | 5 |
| 4 Dimensions | | 5 |
| 4.1 Basic dimensions -- Ball in locking position | | 5 |
| 4.2 Perforating punches | | 7 |
| 4.3 Pilot punches | | 9 |
| 4.4 Punches with ejector | | 12 |
| 5 Material and hardness | | 15 |
| 6 Designation | | 15 |
| Bibliography | | 16 |
| Figures Figure 1 | | 6 |
| Figure 2 | | 7 |
| Figure 3 | | 8 |
| Figure 4 | | 9 |
| Figure 5 | | 10 |
| Figure 6 | | 11 |
| Figure 7 | | 12 |
| Figure 8 | | 13 |
| Figure 9 | | 14 |
| Tables Table 1 | | 6 |
| Table 2 | | 7 |
| Table 3 | | 8 |
| Table 4 | | 9 |
| Table 5 | | 10 |
| Table 6 | | 11 |

| | | |
|----------------|-------|-----------|
| Table 7 | | 12 |
| Table 8 | | 13 |
| Table 9 | | 14 |