



## ► SCREW EXTRACTORS

Screw extractors allow the unscrewing of broken screws. First, the centre of the screw has to be punched properly with a centre punch. Then, a centric hole is drilled into the screw. Next, the screw extractor is twisted counter clockwise into the drilled hole. An adjustable tap wrench or a tool holder without a ratchet can be used as a holder.



**PRECISION  
TAPER THREAD**  
rolled  
Hardness: 54-65 HRC

**SQUARE  
SHANK**  
according  
to DIN 10



### HARDNESS ROCKWELL

Rockwell is an international measuring unit for the hardness of technical materials. The abbreviation consists of HR (Hardness Rockwell) as an identifier for the test procedure, followed by another letter which indicates the scale and thus the test force and specimens.

According to DIN EN ISO 6508-1, eleven scales with different test forces and specimens are standardised. Those scales are identified by the letters A-H, K, N and T. The standardised visualisation consists of the hardness value, test procedure and the scale, e.g. 65 HRC.

### MAXIMAL USER TORQUE

N/mm<sup>2</sup> tensile strength

SIZE	SCREWS	DRILLS	DRILL DEPTH	TORQUE	SQUARE SHANK	TAP WRENCH
1	4 – 6	1,8	7	2,2	2	Nr, 1
2	6 – 8	3,2	10	10	3	Nr, 1
3	8 – 11	4,5	13	23	4	Nr, 2
4	11 – 14	6,5	16	70	5	Nr, 2
5	14 – 18	8,5	21	150	8	Nr, 3
6	18 – 24	11	24	180	9	Nr, 4