

### Studs

made of special steel profile, hardened, gunmetal finish

Size	for threads	Ø mm	Ø inch	Length mm	Part no.
1	M5 - M6	3.2	1/8	60	R244001
2	M7 - M8	4.8	3/16	70	R244002
3	M9 - M10	6.4	1/4	78	R244003
4	M12	8.0	5/16	83	R244004
5	M14 - M16	8.7	11/32	94	R244005



No.1  
Drill into broken thread with drilling jig



No.2  
Drive in stud and screw nut down to the base

### Extractor nuts

with special inside profile, hardened, gunmetal finish

Size	for stud size	Spanner width mm	Length mm	Part no.
1	1	10	16	R244032
2	2	11	16	R244046
3	3	13	16	R244064
4	4	14	16	R244080
5	5	17	16	R244087



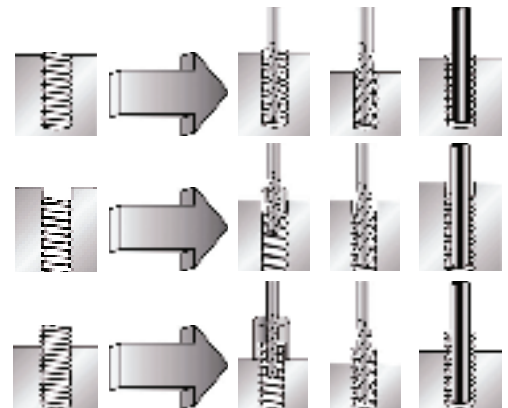
No.3  
Turn broken screw out steadily without tilting

### High performance twist drills DIN 338 HSS

ground version

made to match the drilling jigs exactly

Ø mm	Ø inch	for stud size	Length mm	Part no.
3.2	1/8	1 - 4	65	R214032
4.8	3/16	5 - 7	86	R214048
6.4	1/4	8	101	R214064
8.0	5/16	9	117	R214080
8.7	11/32	10	125	R214087

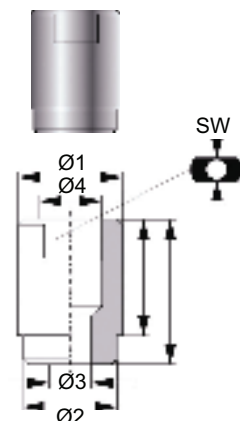


### Drilling jigs

reduced shank, hardened, gunmetal finish, for lower-lying broken screws

(Ø1 + Ø2) for protruding broken screws (Ø4)

Size	Ø 1 mm	Ø 2 mm	Ø 3 mm	Ø 4 mm	Ø 3 inch	Ø 4 inch	SW mm	L mm	Part no.
1	7	6	3.2	5	1/8	3/16	6	30	R244101
2	8	7	3.2	6	1/8	-	7	30	R244102
3	9	-	3.2	7	1/8	1/4	8	30	R244103
4	10	-	3.2	8	1/8	5/16	9	30	R244104
5	11	-	4.8	8	3/16	5/16	9	30	R244105
6	12	-	4.8	9	3/16	-	10	30	R244106
7	13	-	4.8	10	3/16	1/8	11	30	R244107
8	14	-	6.4	11	1/4	7/16	12	30	R244108
9	15	-	8	12	5/16	-	13	30	R244109
10	17	16	8.7	14	11/32	-	14	30	R244110



### Thread extractor sets

Description	Part no.
Set 1: 21 pieces in plastic case 4 twist drills, 4 studs, 4 extractor nuts and 9 drilling jigs	R244150
Set 2: 25 pieces in plastic case 5 twist drills, 5 studs, 5 extractor nuts and 10 drilling jigs	R244151

