

1



DUO-mag

DOUBLE NC SPOTTING DRILLS
60° CARBIDE & HARD'X
 8116 - 8116H
 Page > 34

2

microforce

MICRO-DRILLS
 RANGE EXTENSION
82x8
 Ø 2,06 to 3.00 / 0.01mm
 Page > 138
82x12
 Ø 2,06 to 3.00 / 0.05mm
 Page > 139



3



5 FLUTES COUNTERSINKS
90° SPECIAL HARDOX
 HSSE-8% Co & RED'X
 456 - 4956
 CARBIDE & HARD'X
 8456 - 8456-H
 Page > 50

NEW 2024

TRI-DENT

ANTI VIBRATIONS
 RANGE EXTENSION
60° HSS-E
 432A- 4832A
 Page > 54
90° HSS-E LONG
 43AL
 Page > 54
90° CARBIDE
 843A- 843AH
 Page > 55



4



MULTI-V

RANGE EXTENSION
 8090 & 8090-H
 Ø 0,15 - 0,25 - 0,35 - 0,45 - 0,55
 0,75 - 0,85 - 0,95 - 1,25 - 1,45
 Page > 92

5

6

REAMERS
 RANGE EXTENSION
 HIGH PRECISION
6019 HSSE + HARD'X
 +/-0,02 around Ø 1,00 - 1,50
 2,00 - 2,50 - 3,00 - 4,00 - 5,00
 6,00 - 7,00 - 8,00 - 9,00 - 10,00
 Page > 153



ISO MATERIAL CLASSIFICATION	
P	Centering/spotting > 17
M	Countersinking > 48
K	Multi-V > 91
N	Bi-face > 103
S	Micro-tools > 108
H	Reaming > 149

7

LONG
683
 Ø 12 - 14 - 16 - 18 - 20
 Page > 163