

Thread cutting systems

For magnetic core drilling machines of the ProfiPLUS category.

DRILLING, COUNTERSINKING AND CUTTING QUICK AND SAFE

Quick-change drill chucks and inserts for threads from M6 to M42

Magnetic core drilling machines of the ProfiPLUS category are ideal for thread cutting.

The basic requirements for this are: Clockwise/anticlockwise rotation, solid shaft control electronics and high motor output.

Quick-change drill chucks

Sizes MT 2, MT 3 and MT 4

The large stroke range of the BDS magnet core drilling machines combined with the quick-change drill chuck allows quick and efficient working without having to realign and centre after changing tools. The quick-change drill chuck is designed for universal use when using quick-change inserts with and without a safety friction clutch.



Version 1: Quick-change inserts with safety friction clutch

Thread from M6 to M42 –

BDS inserts with a safety friction clutch allow precise cutting of through-hole and blind-hole threads.

The safety friction clutch prevents the machine screw tap hitting the floor of the drill hole and shearing.

Version 2:

Standard quick-change inserts

Threads from M6 to M30 – BDS inserts for machine screw taps are suitable for accommodating machine screw taps for through-hole threads.



Which machine, which thread?

Assignment of possible thread diameter to size of quick-change base holders and inserts.

PRECISION WITH BDS SYSTEM ACCESSORIES

Thread cutting systems

GSW quick-change drill chucks:

In MT 2, MT 3 and MT 4 versions.

To accommodate GSE or GSS quick-change inserts

GSW 222 size 2 MT 2

GSW 331 size 1 MT 3

GSW 332 size 2 MT 3

GSW 333 size 3 MT 3

GSW 442 size 2 MT 4

GSW 443 size 3 MT 4

GSW 444 size 4 MT 4



GSE standard quick-change insert
Sizes 1, 2, 3



GSS quick-change insert
with safety friction clutch
sizes 2, 3, 4

ORDER NO.

GSW 222 quick-change drill chuck

GSW 331 quick-change drill chuck

GSW 332 quick-change drill chuck

GSW 333 quick-change drill chuck

GSW 442 quick-change drill chuck

GSW 443 quick-change drill chuck

GSW 444 quick-change drill chuck

GSE 103 - GSE 114 per unit

GSE 205 - GSE 222 per unit

GSE 314 - GSE 330 per unit

GSS 205 - GSS 222 per unit

GSS 312 - GSS 330 per unit

GSS 420 - GSS 442 per unit



Machine screw tap adapter with Weldon shank

ORDER NO.	THREAD	SHANK Ø	SQUARE
ZGA 010	M10 DIN 376	7	5.5
ZGA 012	M12 DIN 376	9	7
ZGA 014	M14 DIN 376	11	9
ZGA 016	M16 DIN 376	12	9
ZGA 018	M18 DIN 376	14	11
ZGA 020	M20 DIN 376	16	12
ZGA 022	M22 DIN 376	18	14.5
ZGA 024	M24 DIN 376	18	14.5
ZGA 027	M27 DIN 376	20	16
ZGA 030	M30 DIN 376	22	18

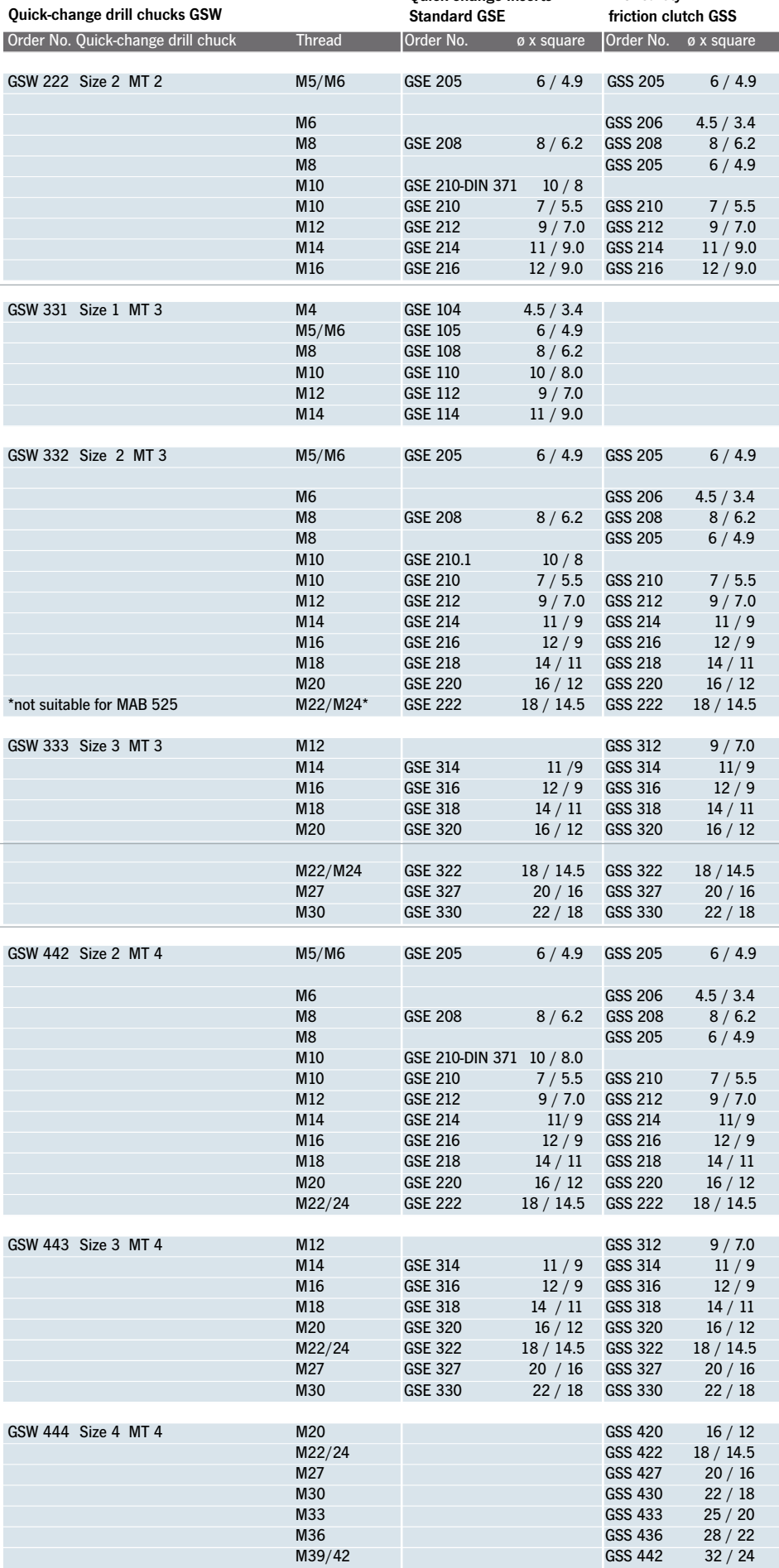
Up to ZGA 020 with 19 mm Weldon shank (¾")

From ZGA 022 with 32 mm Weldon shank (1 ½")

Machine screw tap adapters – making an affordable start

The machine screw tap is accommodated directly in the 19 mm or 32 mm Weldon system with an adapter. Only suitable for through-hole threads!



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About BDS