

Quick change systems SWS0, -1, -2, -3

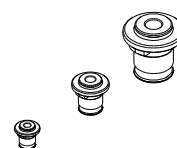
Holder SFM-00, -01, -03 to hold taps
 Insert standards metric / ISO / UNF-UNC
 Accuracy 0,05 mm only for selected inserts of microtap
 Quick tool change, self-aligning

SWS0 Quick change system with 5 inserts DIN371/ M0,8-1,8/ M2-2,6/ M3/ M4/ M4,5-6

SWS1 Quick change system with 6 inserts DIN371/ M2/ M3/ M4/ M4,5-6/ M8/ M10

SWS2 Quick change system with 7 inserts
 DIN371/374/376 M3/ M4/ M4,5-6/ M8/ M10/ M12/ M14

SWS3 Quick change system with 9 inserts
 DIN371/ M4/ M4,5-6/ M8/ M10/ M12/ M14/ M16/ M18/ M20



Overview quick change systems and available inserts

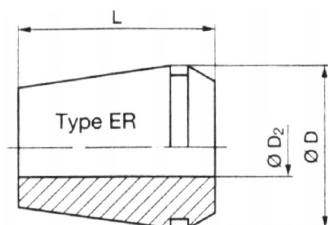
Insert Ø / □ mm	Tap DIN 371	Tap DIN 374/376	SWS0 5 Inserts Size 00	SWS1 6 Inserts Size 01	SWS2 7 Inserts Size 01	SWS3 9 Inserts Size 03
2,5/2,1	M 1 - 1,8	M 3,5	inclusive	optional	optional	
2,8/2,1	M 2 - 2,6	M 4	inclusive	inclusive	optional	
3,5/2,7	M 3	M 4,5 - 5	inclusive	inclusive	inclusive	
4,0/3,0	M 3,5		optional	optional	optional	
4,5/3,4	M 4	M 6	inclusive	inclusive	inclusive	inclusive
5,5/4,3		M 7	optional	optional	optional	
6,0/4,9	M 4,5 - 6	M 8	inclusive	inclusive	inclusive	inclusive
7,0/5,5	M 7	M 9 - 10	optional	optional	optional	optional
8,0/6,2	M 8	M 11	optional	inclusive	inclusive	inclusive
9,0/7,0	M 9	M 12		optional	inclusive	inclusive
10,0/8,0	M 10		optional	inclusive	inclusive	inclusive
11,0/9,0		M 14		optional	inclusive	inclusive
12,0/9,0		M 16		optional	optional	inclusive
14,0/ 11,0		M 18				inclusive
16,0/12,0		M 20				inclusive
18,0/14,5		M 22 - 26				optional
20,0/16,0		M 27				optional
22,0/18,0		M 29 - 32				optional
Insert holder / spindle / DIN						
SFM 00	B10	DIN 238	inclusive			
SFM01	B12 (B10)	DIN 238		inclusive	inclusive	
SMF03	B12	DIN 238				inklusive

Collet systems / SZS

Sizes ER 8/ 11/ 16/ 20, styles with and without square on request

Adapter from SWS – quick change holder to SZS – collet system available

Collet	L	∅ D	Dimension ∅ D ₂	increment
ER 8	13,5	8,5	1,0 – 5,0	0,5
ER 11	18	11,5	1,0 – 7,0	0,5
ER 16	28	17	1,0 – 3,0 4,0 – 10,0	0,5 1,0
ER 20	32	21	1,0 – 3,0 4,0 – 13,0	0,5 1,0



Collet holder / type	Clamping range ∅ D ₂	∅ D	∅ D ₁	L ₂
00 / ER 11	0,5 – 7,0	19	13	23
00 / ER 20	0,5 - 13	34	19	38

