

MarGage 426 G

Pin Gage with Handle

FEATURES

- For use as setting standards for indicating measuring instruments
- For checking the parallelism and straightness of rulers on measuring and control plates
- For testing the distances between axes, tapers and other workpieces in conjunction with parallel gage blocks
- For determining the pitch diameter of threads or pitch circle diameter on gears.
- Gage is made of wear-resistant, hardened, multi-aged, ground and lapped steel
- Grade 0
- DIN 2269
- Manufacturing tolerance $\pm 0.5 \mu\text{m}$



TECHNICAL DATA

Order no.	Product type	Grade	Ø	Increment	Manufacturing tolerance +/-	Usable length
			mm	mm	μm	mm
4828151	426 G	0	0.1 -0.19	0.01	0.5	25
4828152	426 G	0	0.2 -0.29	0.01	0.5	25
4828153	426 G	0	0.3 -0.49	0.01	0.5	25
4828154	426 G	0	0.5 -0.99	0.01	0.5	25
4828155	426 G	0	1 -2.99	0.01	0.5	57
4828156	426 G	0	3 -5.99	0.01	0.5	57
4828157	426 G	0	6 -10	0.01	0.5	57
4828351	426 G	0	0.1 -0.199	0.001	0.5	25
4828352	426 G	0	0.2 -0.299	0.001	0.5	25
4828353	426 G	0	0.3 -0.499	0.001	0.5	25
4828354	426 G	0	0.5 -0.999	0.001	0.5	25
4828355	426 G	0	1 -2.999	0.001	0.5	57
4828356	426 G	0	3 -5.999	0.001	0.5	57
4828357	426 G	0	6 -10	0.001	0.5	57

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- Grade 1
- DIN 2269
- Manufacturing tolerance $\pm 1.0 \mu\text{m}$



TECHNICAL DATA

Order no.	Product type	Grade	\emptyset	Increment	Manufacturing tolerance +/-	Usable length
			mm	mm	μm	mm
4828161	426 G	1	0.1 -0.19	0.01	1	33
4828162	426 G	1	0.2 -0.29	0.01	1	33
4828163	426 G	1	0.3 -0.49	0.01	1	33
4828164	426 G	1	0.5 -0.99	0.01	1	33
4828165	426 G	1	1 -2.99	0.01	1	62
4828166	426 G	1	3 -5.99	0.01	1	62
4828167	426 G	1	6 -10	0.01	1	62
4828361	426 G	1	0.1 -0.199	0.001	1	33
4828362	426 G	1	0.2 -0.299	0.001	1	33
4828363	426 G	1	0.3 -0.499	0.001	1	33
4828364	426 G	1	0.5 -0.999	0.001	1	33
4828365	426 G	1	1 -2.999	0.001	1	62
4828366	426 G	1	3 -5.999	0.001	1	62
4828367	426 G	1	6 -10	0.001	1	62

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Order no.	Product type	Grade	Ø	Increment	Manufacturing tolerance +/-	Usable length
			mm	mm	μm	mm
4828171	426 G	2	0.1 - 0.19	0.01	1.5	33
4828172	426 G	2	0.2 - 0.29	0.01	1.5	33
4828173	426 G	2	0.3 - 0.49	0.01	1.5	33
4828174	426 G	2	0.5 - 0.99	0.01	1.5	33
4828175	426 G	2	1 - 2.99	0.01	1.5	62
4828176	426 G	2	3 - 5.99	0.01	1.5	43
4828177	426 G	2	6 - 10	0.01	1.5	62

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- Gage is made of wear-resistant, hardened, multi-aged, ground and lapped steel
- Grade 0
- DIN 2269
- Manufacturing tolerance $\pm 0.5 \mu\text{m}$
- Starting from diameter 5.01 mm and above, pin gage value is inscribed on the end face



TECHNICAL DATA

Order no.	Product type	Grade	\emptyset	Increment	Manufacturing tolerance +/-	Length
			mm	mm	μm	mm
4828103	426	0	0.3 –0.49	0.01	0.5	30
4828104	426	0	0.5 –0.99	0.01	0.5	30
4828105	426	0	1 –2.99	0.01	0.5	60
4828106	426	0	3 –5.99	0.01	0.5	60
4828107	426	0	6 –10	0.01	0.5	60
4828303	426	0	0.3 –0.499	0.001	0.5	30
4828304	426	0	0.5 –0.999	0.001	0.5	30
4828305	426	0	1 –2.999	0.001	0.5	60
4828306	426	0	3 –5.999	0.001	0.5	60
4828307	426	0	6 –10	0.001	0.5	60

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- Gage is made of wear-resistant, hardened, multi-aged, ground and lapped steel
- Grade 1
- DIN 2269
- Manufacturing tolerance $\pm 1.0 \mu\text{m}$
- Starting from diameter 5.01 mm and above, pin gage value is inscribed on the end face



TECHNICAL DATA

Order no.	Product type	Grade	Ø	Increment	Manufacturing tolerance +/-	Length
			mm	mm	μm	mm
4828113	426	1	0.3 -0.49	0.01	1	40
4828114	426	1	0.5 -0.99	0.01	1	40
4828115	426	1	1 -2.99	0.01	1	70
4828116	426	1	3 -5.99	0.01	1	70
4828117	426	1	6 -9.99	0.01	1	70
4828118	426	1	10 -11.99	0.01	1	70
4828119	426	1	12 -13.99	0.01	1	70
4828120	426	1	14 -15.99	0.01	1	70
4828121	426	1	16 -18.99	0.01	1	70
4828122	426	1	19 -20	0.01	1	70
4828313	426	1	0.3 -0.499	0.001	1	40
4828314	426	1	0.5 -0.999	0.001	1	40
4828315	426	1	1 -2.999	0.001	1	70
4828316	426	1	3 -5.999	0.001	1	70
4828317	426	1	6 -9.999	0.001	1	70
4828318	426	1	10 -11.999	0.001	1	70
4828319	426	1	12 -13.999	0.001	1	70
4828320	426	1	14 -15.999	0.001	1	70
4828321	426	1	16 -18.999	0.001	1	70
4828322	426	1	19 -20	0.001	1	70

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- For determining the pitch diameter of threads or pitch circle diameter on gears.
- Gage is made of wear-resistant, hardened, multi-aged and precision ground steel
- DIN 2269
- Manufacturing tolerance $\pm 1.5 \mu\text{m}$
- Starting from diameter 5.01 mm and above, pin gage value is inscribed on the end face



TECHNICAL DATA

Order no.	Product type	Grade	Ø	Increment	Manufacturing tolerance +/-	Length
			mm	mm	µm	mm
4828133	426	2	0.3 –0.49	0.01	1.5	40
4828134	426	2	0.5 –0.99	0.01	1.5	40
4828135	426	2	1 –2.99	0.01	1.5	70
4828137	426	2	6 –9.99	0.01	1.5	70
4828138	426	2	10 –11.99	0.01	1.5	70
4828139	426	2	12 –13.99	0.01	1.5	70
4828140	426	2	14 –15.99	0.01	1.5	70
4828141	426	2	16 –18.99	0.01	1.5	70
4828142	426	2	19 –20	0.01	1.5	70

MarGage 426 S

Pin Gage Sets without Handle

FEATURES

- To be used as setting standards for indicating measuring instruments and testing the distances between axes, tapers and other workpieces in conjunction with gage blocks
- Can be used for determining pitch diameter of threads or pitch circle diameter on gears and serrations
- Gage steel, hardened, multi-aged, ground (grade 2) and lapped (grade 0 and 1)



TECHNICAL DATA

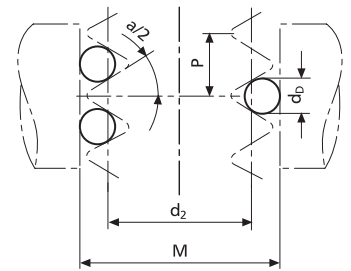
Order no.	Product type	Grade	Ø	Increment	Quantity per set	Manufacturing tolerance +/-
			mm	mm	Pieces	µm
4828181	426 S	0	0.1 –0.5	0.01	41	0.5
4828182	426 S	0	0.5 –1	0.01	51	0.5
4828183	426 S	0	0.1 –1	0.01	91	0.5
4828184	426 S	0	1 –2	0.01	101	0.5
4828190	426 S	1	1 –10	0.1	91	1
4828191	426 S	1	0.1 –0.5	0.01	41	1
4828192	426 S	1	0.5 –1	0.01	51	1
4828193	426 S	1	0.1 –1	0.01	91	1
4828194	426 S	1	1 –2	0.01	101	1
4828195	426 S	1	2 –3	0.01	101	1
4828196	426 S	1	3 –4	0.01	101	1
4828197	426 S	1	4 –5	0.01	101	1
4828198	426 S	1	5 –6	0.01	101	1
4828199	426 S	1	6 –7	0.01	101	1
4828200	426 S	1	7 –8	0.01	101	1
4828201	426 S	1	8 –9	0.01	101	1
4828202	426 S	1	9 –10	0.01	101	1
4828210	426 S	2	1 –10	0.1	91	1.5
4828211	426 S	2	0.1 –0.5	0.01	41	1.5
4828212	426 S	2	0.5 –1	0.01	51	1.5
4828213	426 S	2	0.1 –1	0.01	91	1.5
4828214	426 S	2	1 –2	0.01	101	1.5
4828215	426 S	2	2 –3	0.01	101	1.5
4828216	426 S	2	3 –4	0.01	101	1.5
4828217	426 S	2	4 –5	0.01	101	1.5
4828218	426 S	2	5 –6	0.01	101	1.5
4828219	426 S	2	6 –7	0.01	101	1.5
4828220	426 S	2	7 –8	0.01	101	1.5
4828221	426 S	2	8 –9	0.01	101	1.5
4828222	426 S	2	9 –10	0.01	101	1.5

MarGage 426 A

Thread Pin Gage

FEATURES

- Designed to be suspended over a test specimen
- Set consists of 3 pin gages
- Manufacturing tolerance $\pm 0.5 \mu\text{m}$
- Pin gage length: 32 mm
- For determining pitch diameter of external threads according to the three wire method



TECHNICAL DATA

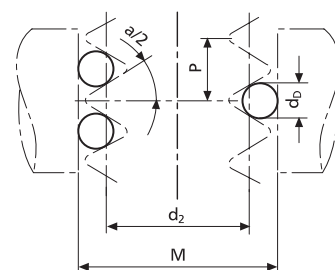
Order no.	Product type	Diameter	Metric	Whitworth	UST	Trapezoid	Manufacturing tolerance +/-
		mm	mm	TPI	TPI	mm	μm
4821000	426 A	0.17	0.25 / 0.3				0.5
4821001	426 A	0.195			80		0.5
4821002	426 A	0.22	0.35		72		0.5
4821003	426 A	0.25	0.4		64		0.5
4821004	426 A	0.29	0.45 / 0.5		56		0.5
4821005	426 A	0.335	0.6		48		0.5
4821006	426 A	0.39		40	44 / 40		0.5
4821007	426 A	0.455	0.7 / 0.75 / 0.8	32	36		0.5
4821008	426 A	0.53		28	32 / 28		0.5
4821009	426 A	0.62	1	26 / 24	24		0.5
4821010	426 A	0.725	1.25	22 / 20	20		0.5
4821011	426 A	0.895	1.5	19 / 18 / 16	18		0.5
4821012	426 A	1.1	1.75	14	16 / 14 / 13		0.5
4821013	426 A	1.35	2	12 / 11	12 / 11		0.5
4821014	426 A	1.65	2.5	10 / 9	10 / 9	3	0.5
4821015	426 A	2.05	3 / 3.5	8 / 7	8 / 7	4	0.5
4821016	426 A	2.55	4 / 4.5	6	6	5	0.5
4821017	426 A	3.2	5 / 5.5	5 / 4.5	5 / 4.5	6	0.5
4821018	426 A	4	6	4 / 3.5	4	7	0.5

MarGage 426 M

Thread Pin Gages, Holder Pair

FEATURES

- For determining the pitch diameter of external threads by the three wire method
- In conjunction with inside micrometers, indicating measuring instruments or measuring machines
- Each pair consists of one holder with 1 pin gage and one holder with 2 pin gages
- Holder has a satin chrome finish
- With the retainer ring locked, the measuring spindle can still rotate
- Pin gages are hardened and lapped
- Pin gages freely float in holder to allow proper positioning and contact with thread flanks
- Manufacturing tolerance $\pm 0.5 \mu\text{m}$
- Mounting bore 6.35 mm = 1/4", 8 mm on request)
- For threads with outside diameter up to 95 mm



TECHNICAL DATA

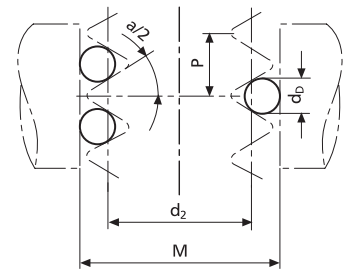
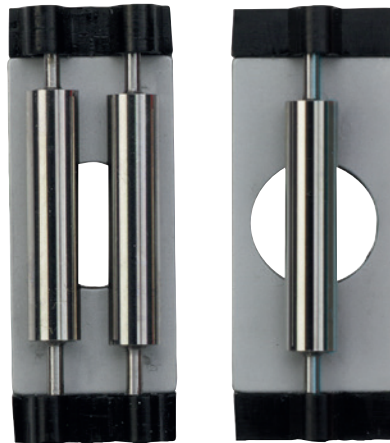
Order no.	Product type	Mounting hole	Diameter	Metric	Whitworth	UST	Trapezoid
			mm	mm	TPI	TPI	mm
4820010	426 M	7.5 mm	0.17	0.25 / 0.3			
4820011	426 M	7.5 mm	0.195			80	
4820012	426 M	7.5 mm	0.22	0.35		72	
4820013	426 M	7.5 mm	0.25	0.4		64	
4820014	426 M	7.5 mm	0.29	0.45 / 0.5		56	
4820015	426 M	7.5 mm	0.335	0.6		48	
4820016	426 M	7.5 mm	0.39		40	44 / 40	
4820017	426 M	7.5 mm	0.455	0.7 / 0.75 / 0.8	32	36	
4820018	426 M	7.5 mm	0.53		28	32 / 28	
4820019	426 M	7.5 mm	0.62	1	26 / 24	24	
4820020	426 M	7.5 mm	0.725	1.25	22 / 20	20	
4820021	426 M	7.5 mm	0.895	1.5	19 / 18 / 16	18	
4820022	426 M	7.5 mm	1.1	1.75	14	16 / 14 / 13	
4820023	426 M	7.5 mm	1.35	2	12 / 11	12 / 11	
4820024	426 M	7.5 mm	1.65	2.5	10 / 9	10 / 9	3
4820025	426 M	7.5 mm	2.05	3 / 3.5	8 / 7	8 / 7	4
4820026	426 M	7.5 mm	2.55	4 / 4.5	6	6	5
4820027	426 M	7.5 mm	3.2	5 / 5.5	5 / 4.5	5 / 4.5	6
4820028	426 M	7.5 mm	4	6	4 / 3.5	4	7
4820131	426 M	6.5 mm	0.25	0.4		64	
4820132	426 M	6.5 mm	0.17	0.25 / 0.3			
4820133	426 M	6.5 mm	0.22	0.35		72	
4820134	426 M	6.5 mm	0.29	0.45 / 0.5		56	
4820135	426 M	6.5 mm	0.335	0.6		48	
4820137	426 M	6.5 mm	0.455	0.7 / 0.75 / 0.8	32	36	
4820139	426 M	6.5 mm	0.62	1	26 / 24	24	
4820140	426 M	6.5 mm	0.725	1.25	22 / 20	20	
4820141	426 M	6.5 mm	0.895	1.5	19 / 18 / 16	18	
4820142	426 M	6.5 mm	1.1	1.75	14	16 / 14 / 13	
4820143	426 M	6.5 mm	1.35	2	12 / 11	12 / 11	
4820144	426 M	6.5 mm	1.65	2.5	10 / 9	10 / 9	3
4820145	426 M	6.5 mm	2.05	3 / 3.5	8 / 7	8 / 7	4
4820146	426 M	6.5 mm	2.55	4 / 4.5	6	6	5
4820147	426 M	6.5 mm	3.2	5 / 5.5	5 / 4.5	5 / 4.5	6
4820149	426 M	6.5 mm	0.195			80	
4820150	426 M	6.5 mm	0.39			44 / 40	
4820151	426 M	6.5 mm	0.53			32 / 28	
4820152	426 M	6.5 mm	4	6			7

MarGage 426 MS

Thread Pin Gages Set

FEATURES

- Set of thread pin gages in holder consists of: 18 holder pairs 426 M
- Diameter 0.17 –3.2 mm
- For threads with outside diameter up to 95 mm
- **Package contains:** wooden case



TECHNICAL DATA

Order no.	Product type	Mounting hole
		mm
4820000	426 MS	7.5
4820002	426 MS	8.0
4820003	426 MS	6.5
4820004	426 MS	6.35